

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077316.D
 Acq On : 13 Apr 2023 09:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 14 07:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	524279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	999891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	917725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	413110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	364995	50.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.880%			
35) Dibromofluoromethane	8.172	113	333903	52.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.572	98	1304599	50.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.854	95	456435	53.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	273632	40.892	ug/l	100
3) Chloromethane	2.372	50	307716	37.107	ug/l	100
4) Vinyl Chloride	2.525	62	470600	41.856	ug/l	99
5) Bromomethane	2.949	94	335175	41.121	ug/l	99
6) Chloroethane	3.125	64	312781	38.981	ug/l	98
7) Trichlorofluoromethane	3.502	101	456593	46.835	ug/l	99
8) Diethyl Ether	3.972	74	184151	45.077	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.378	101	281327	47.153	ug/l	99
10) Methyl Iodide	4.596	142	343426	47.330	ug/l	99
11) Tert butyl alcohol	5.525	59	267036	182.635	ug/l	100
12) 1,1-Dichloroethene	4.343	96	272504	44.370	ug/l	94
13) Acrolein	4.184	56	250610	180.975	ug/l	98
14) Allyl chloride	5.031	41	322255	34.741	ug/l #	85
15) Acrylonitrile	5.731	53	666891	206.314	ug/l	98
16) Acetone	4.437	43	632352	239.350	ug/l	96
17) Carbon Disulfide	4.719	76	701746	42.373	ug/l	99
18) Methyl Acetate	5.037	43	404857	40.236	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	1000200	45.897	ug/l	98
20) Methylene Chloride	5.290	84	323495	43.356	ug/l	94
21) trans-1,2-Dichloroethene	5.796	96	308036	45.808	ug/l	98
22) Diisopropyl ether	6.684	45	844485	45.411	ug/l	97
23) Vinyl Acetate	6.607	43	3166149m	251.802	ug/l	
24) 1,1-Dichloroethane	6.572	63	555697	46.275	ug/l	99
25) 2-Butanone	7.490	43	900957	210.121	ug/l	99
26) 2,2-Dichloropropane	7.495	77	548352	49.798	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	387734	47.217	ug/l	99
28) Bromochloromethane	7.819	49	228967	47.400	ug/l	96
29) Tetrahydrofuran	7.842	42	536990	194.822	ug/l	95
30) Chloroform	7.972	83	610619	47.682	ug/l	99
31) Cyclohexane	8.266	56	471225	42.322	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	553753	47.547	ug/l	97
36) 1,1-Dichloropropene	8.372	75	451940	47.738	ug/l	99
37) Ethyl Acetate	7.566	43	355015	41.913	ug/l	99
38) Carbon Tetrachloride	8.366	117	472297	48.694	ug/l	96
39) Methylcyclohexane	9.607	83	620201	48.584	ug/l	93
40) Benzene	8.607	78	1375490	46.581	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	177865	39.066	ug/l	94
42) 1,2-Dichloroethane	8.672	62	430462	47.365	ug/l	98
43) Isopropyl Acetate	8.689	43	643658	41.182	ug/l	97
44) Trichloroethene	9.354	130	343304	48.589	ug/l	99
45) 1,2-Dichloropropane	9.625	63	336910	48.040	ug/l	94
46) Dibromomethane	9.713	93	250022	47.318	ug/l	99
47) Bromodichloromethane	9.889	83	497535	47.110	ug/l	97
48) Methyl methacrylate	9.684	41	280544	42.076	ug/l	97
49) 1,4-Dioxane	9.695	88	134550	832.354	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	1873936	207.424	ug/l	98
52) Toluene	10.631	92	935258	48.389	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	566732	49.417	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	601365	49.229	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	358394	47.237	ug/l	98
56) Ethyl methacrylate	10.878	69	552194	46.727	ug/l	97
57) 1,3-Dichloropropane	11.166	76	597937	47.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	809476	230.106	ug/l	97
59) 2-Hexanone	11.201	43	1428000	212.166	ug/l	100
60) Dibromochloromethane	11.360	129	394536	50.490	ug/l	100
61) 1,2-Dibromoethane	11.472	107	366365	48.378	ug/l	99
64) Tetrachloroethene	11.107	164	269347	47.510	ug/l	97
65) Chlorobenzene	11.895	112	985077	48.755	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	355093	46.448	ug/l	98
67) Ethyl Benzene	11.966	91	1834379	49.200	ug/l	97
68) m/p-Xylenes	12.077	106	1423823	97.191	ug/l	100
69) o-Xylene	12.401	106	704067	48.716	ug/l	98
70) Styrene	12.413	104	1159439	49.853	ug/l	99
71) Bromoform	12.583	173	258262	47.991	ug/l #	100
73) Isopropylbenzene	12.701	105	1850196	46.111	ug/l	100
74) N-amyl acetate	12.495	43	599922	39.453	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	531499	42.209	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	447834m	45.524	ug/l	
77) Bromobenzene	12.983	156	370545	45.417	ug/l	97
78) n-propylbenzene	13.036	91	2112652	47.652	ug/l	100
79) 2-Chlorotoluene	13.130	91	1217815	45.618	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1537253	47.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	200831	45.941	ug/l	92
82) 4-Chlorotoluene	13.224	91	1182391	46.977	ug/l	99
83) tert-Butylbenzene	13.442	119	1319352	46.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1528468	48.275	ug/l	99
85) sec-Butylbenzene	13.619	105	1927177	48.476	ug/l	100
86) p-Isopropyltoluene	13.730	119	1569293	50.227	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	729160	48.308	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	723324	48.594	ug/l	99
89) n-Butylbenzene	14.060	91	1360155	52.439	ug/l	99
90) Hexachloroethane	14.336	117	320534	46.920	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	713577	47.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	94895	39.765	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	295181	54.152	ug/l	98
94) Hexachlorobutadiene	15.465	225	146288	46.363	ug/l	98
95) Naphthalene	15.589	128	1052403	51.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	271025	51.982	ug/l	99

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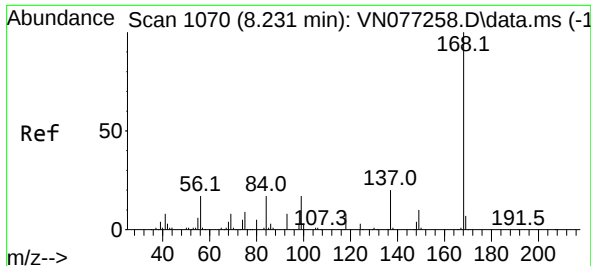
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

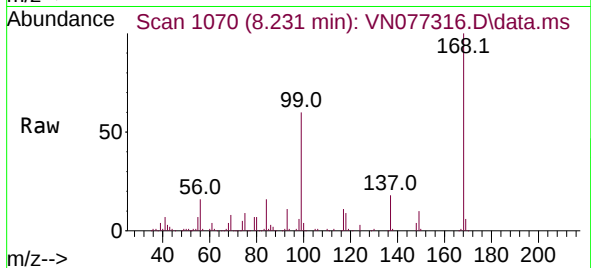
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077316.D
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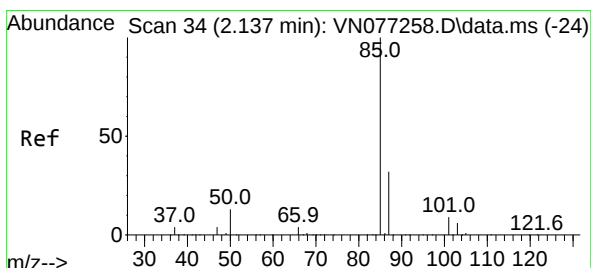
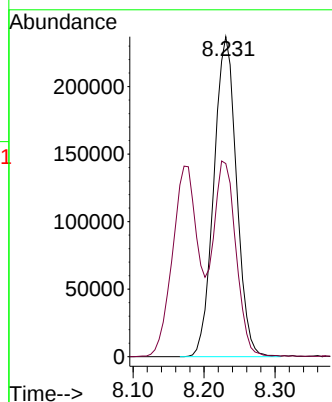
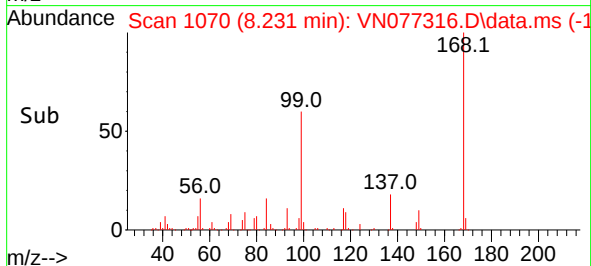
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 524279
Ion Ratio Lower Upper
168 100
99 60.2 50.6 75.8

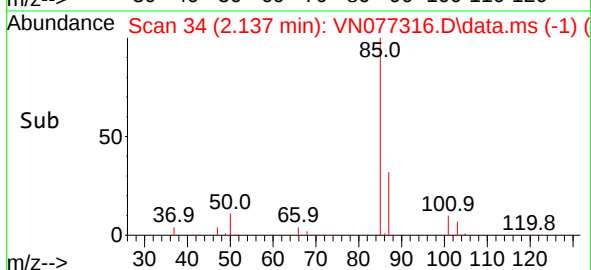
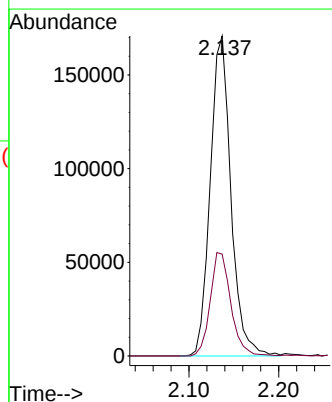
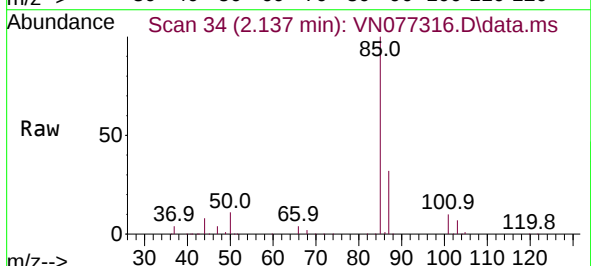
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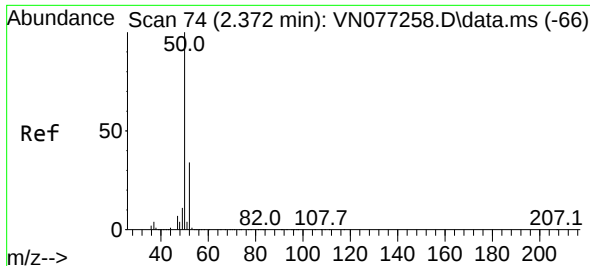
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#2
Dichlorodifluoromethane
Concen: 40.892 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

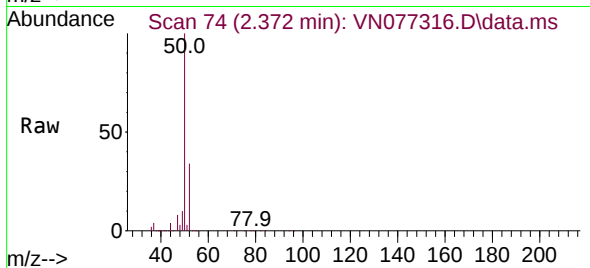
Tgt Ion: 85 Resp: 273632
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2





#3
Chloromethane
Concen: 37.107 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

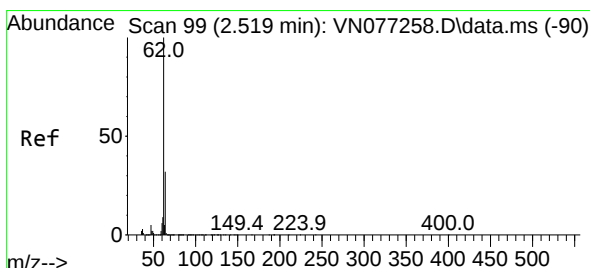
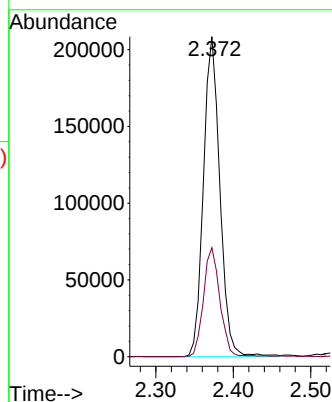
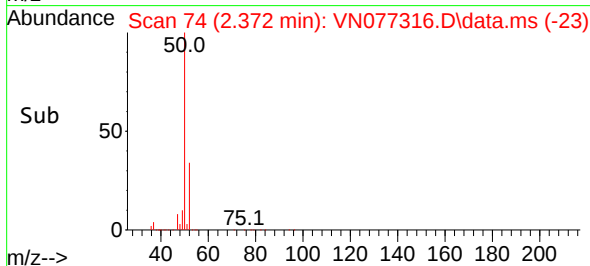
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 307710
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9

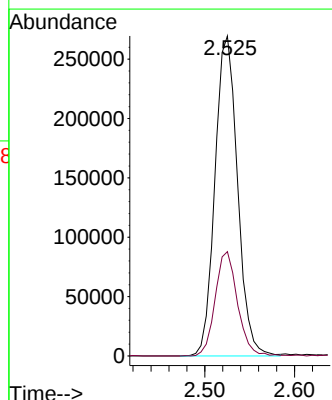
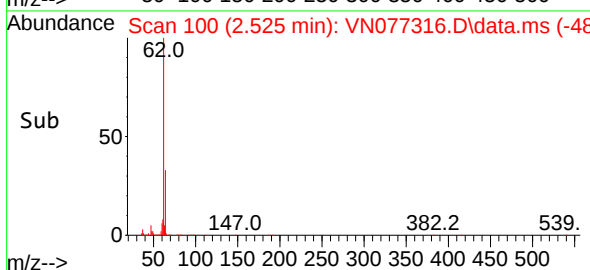
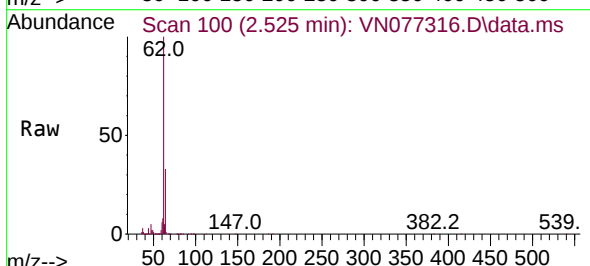
Manual Integrations
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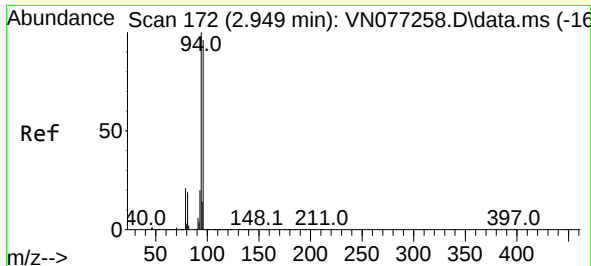
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#4
Vinyl Chloride
Concen: 41.856 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

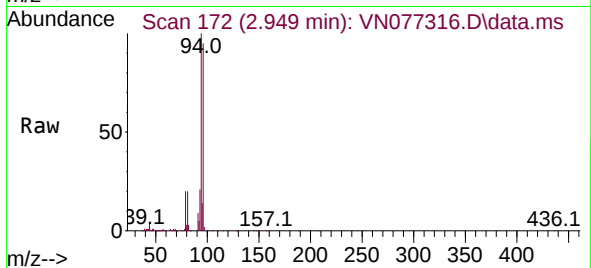
Tgt Ion: 62 Resp: 470600
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





#5
Bromomethane
Concen: 41.121 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

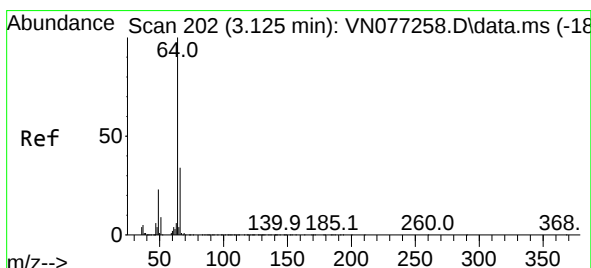
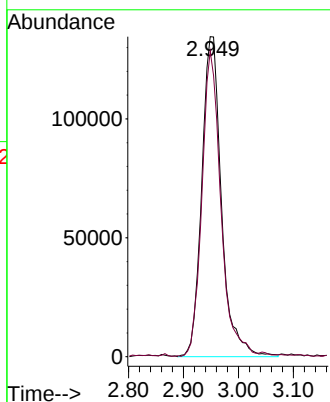
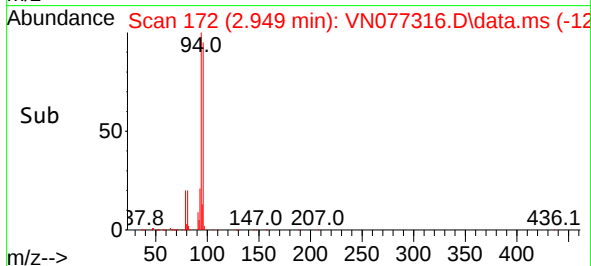
Instrument :
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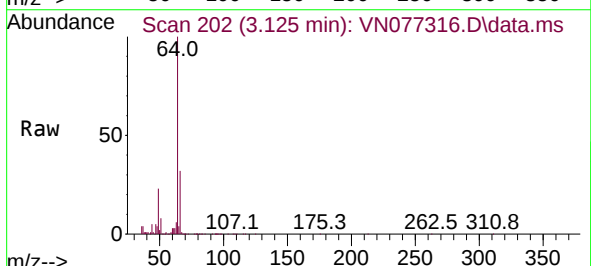
Tgt Ion: 94 Resp: 33517
Ion Ratio Lower Upper
94 100
96 95.1 77.0 115.4

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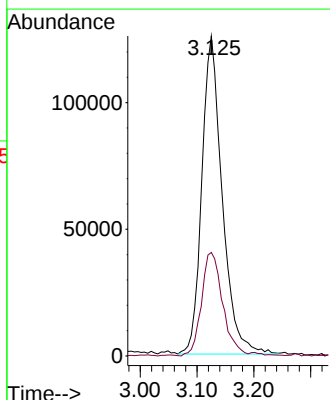
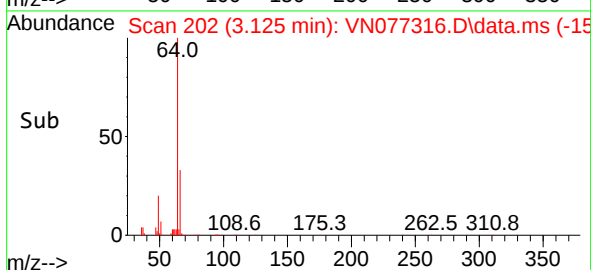
Reviewed By :John Carlone 04/14/2023
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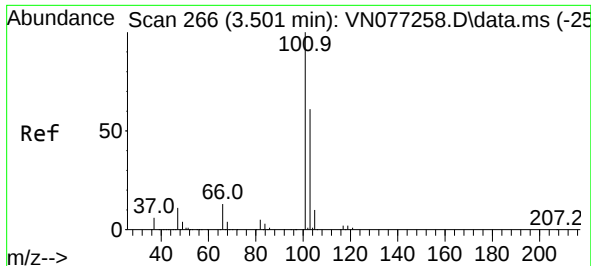


#6
Chloroethane
Concen: 38.981 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion: 64 Resp: 312781
Ion Ratio Lower Upper
64 100
66 32.4 26.9 40.3





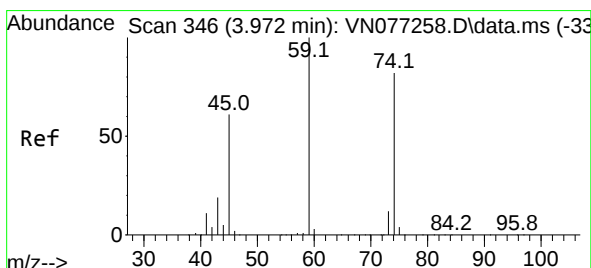
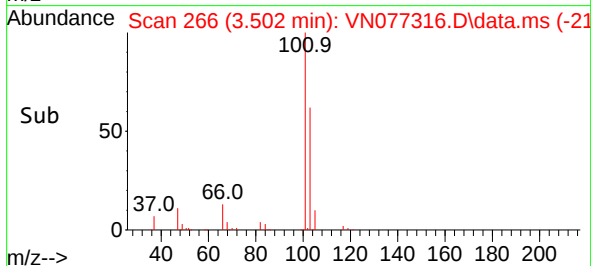
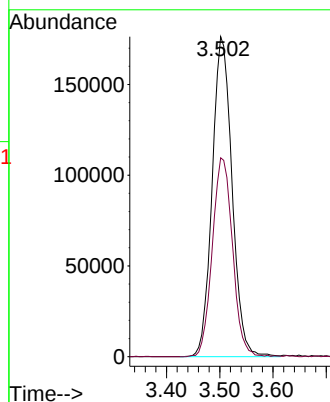
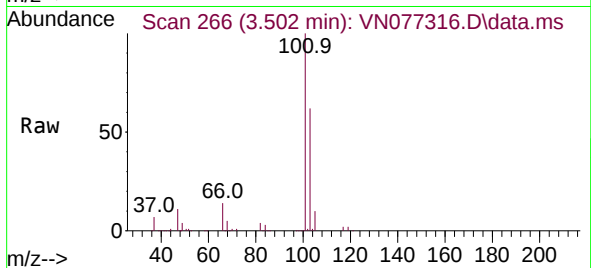
#7
Trichlorofluoromethane
Concen: 46.835 ug/l
RT: 3.502 min Scan# 207
Delta R.T. 0.001 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 45659
Ion Ratio Lower Upper
101 100
103 62.2 49.0 73.4

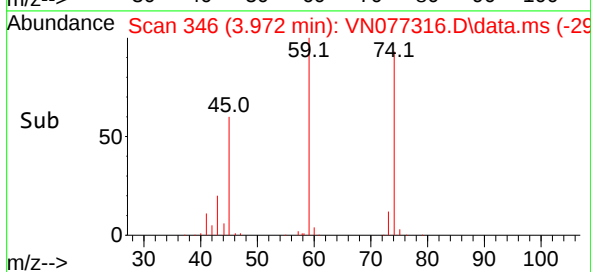
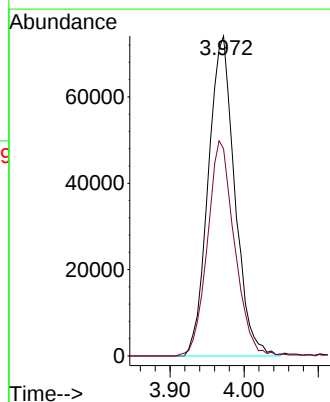
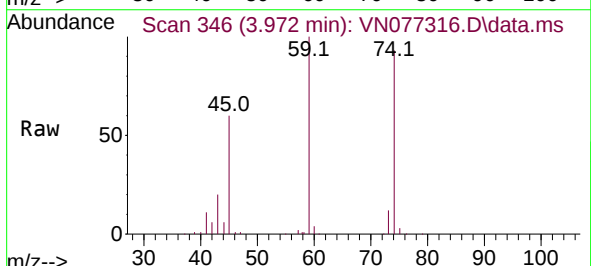
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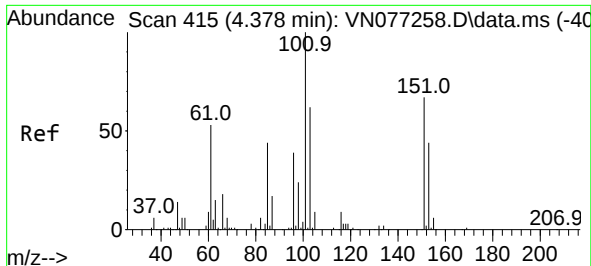
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Diethyl Ether
Concen: 45.077 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion: 74 Resp: 184151
Ion Ratio Lower Upper
74 100
45 68.8 37.8 113.4





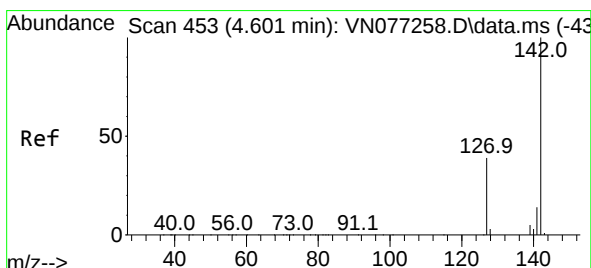
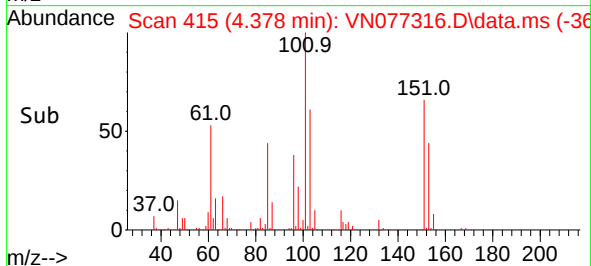
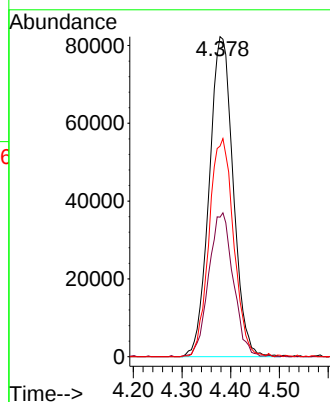
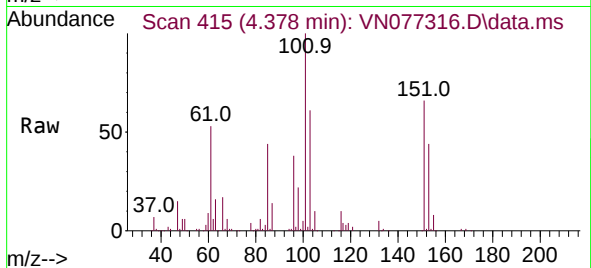
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.153 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 28132
Ion Ratio Lower Upper
101 100
85 45.9 37.3 55.9
151 69.9 56.3 84.5

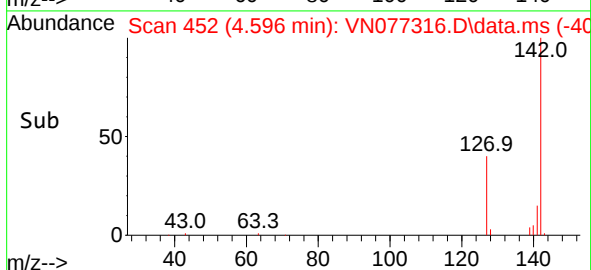
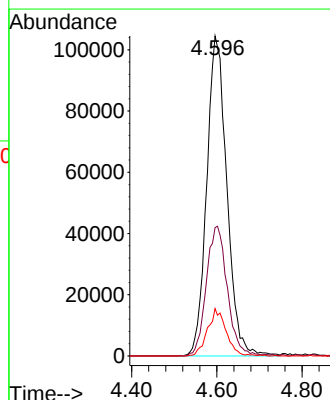
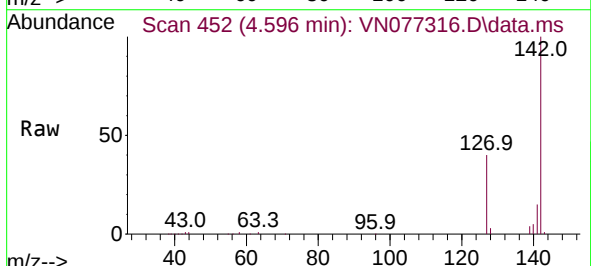
Manual Integrations
APPROVED

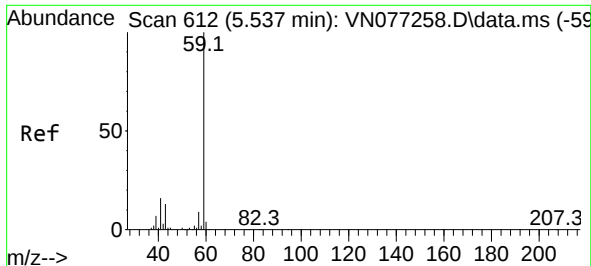
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 47.330 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

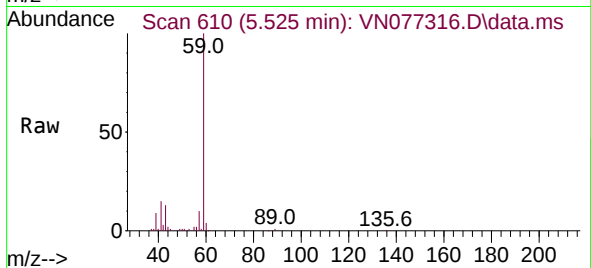
Tgt Ion:142 Resp: 343426
Ion Ratio Lower Upper
142 100
127 39.9 31.5 47.3
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 182.635 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

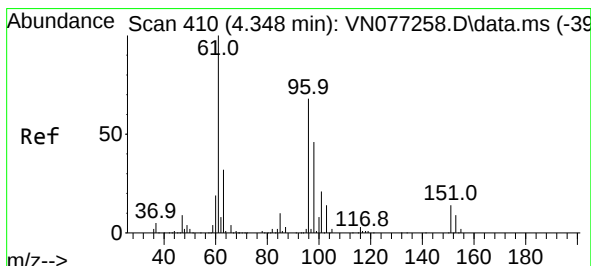
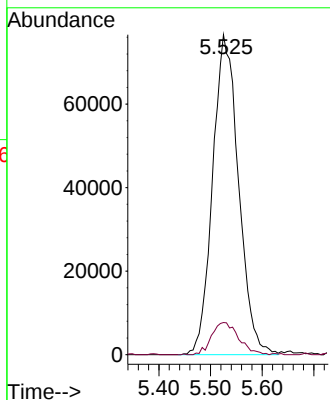
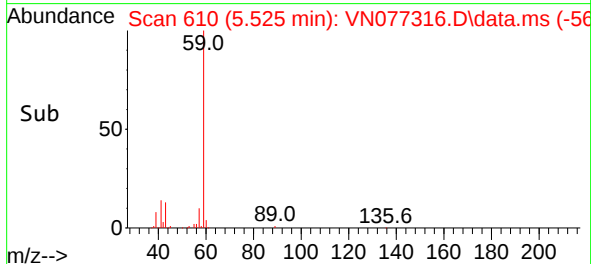
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 267030
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

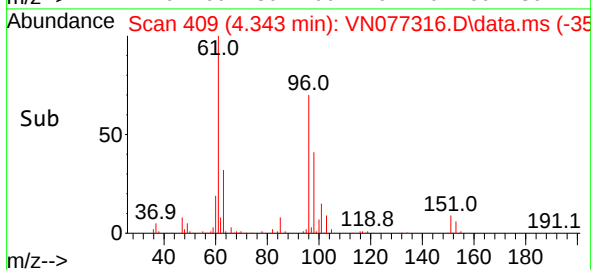
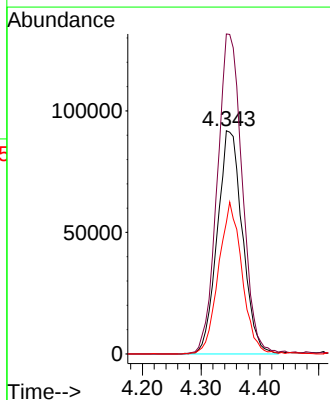
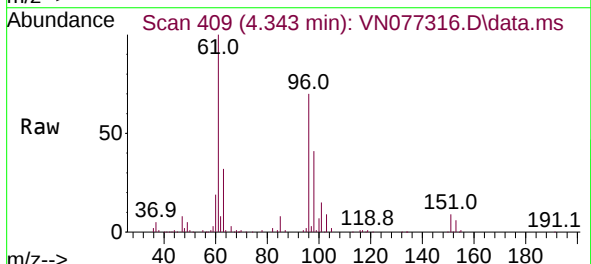
Manual Integrations
APPROVED

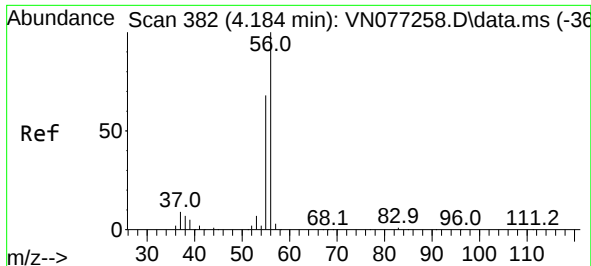
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 44.370 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.005 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

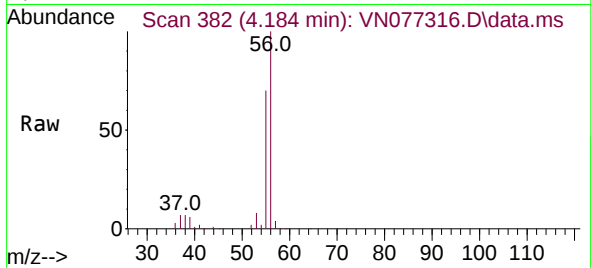
Tgt Ion: 96 Resp: 272504
Ion Ratio Lower Upper
96 100
61 143.4 118.3 177.5
98 59.0 54.5 81.7





#13
Acrolein
Concen: 180.975 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

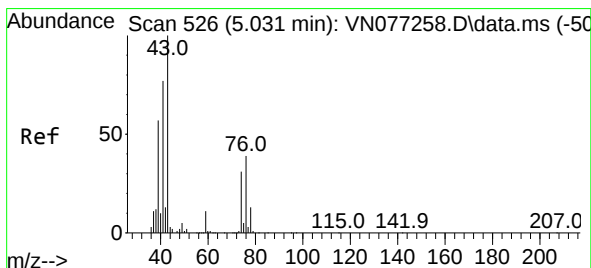
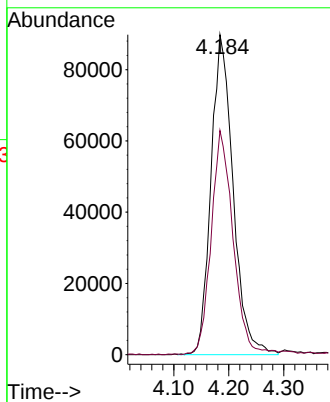
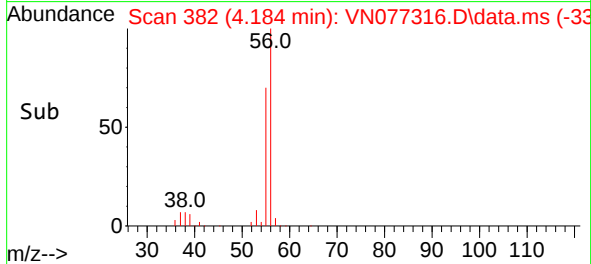
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 250610
Ion Ratio Lower Upper
56 100
55 69.5 54.2 81.2

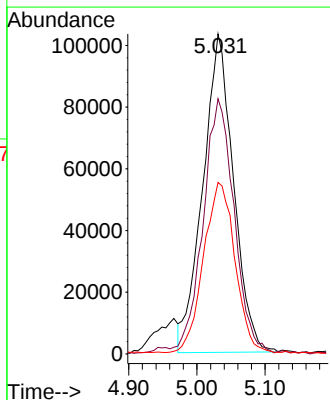
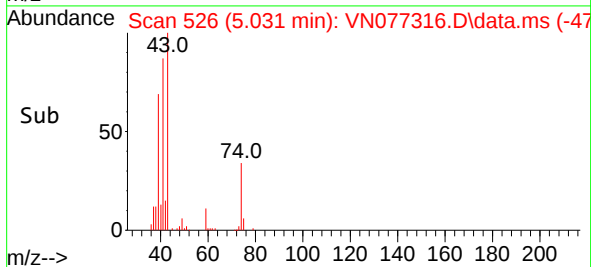
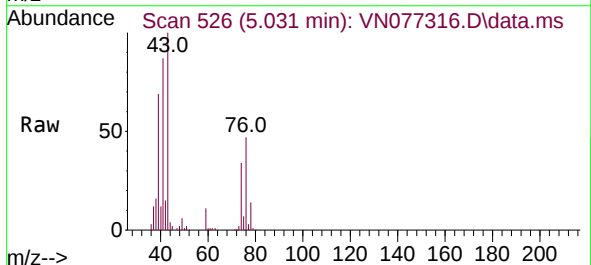
Manual Integrations
APPROVED

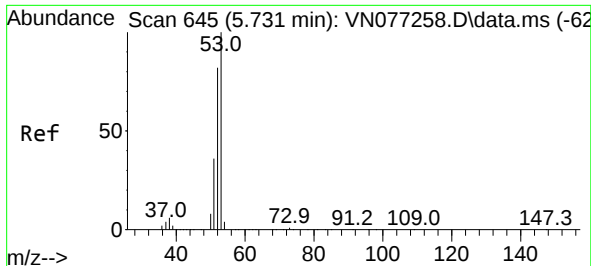
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 34.741 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

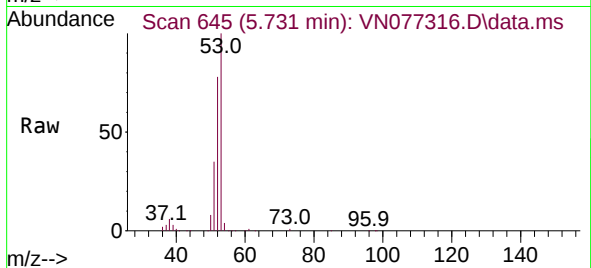
Tgt Ion: 41 Resp: 322255
Ion Ratio Lower Upper
41 100
39 80.9 55.0 82.4
76 54.7 35.4 53.2#





#15
Acrylonitrile
Concen: 206.314 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

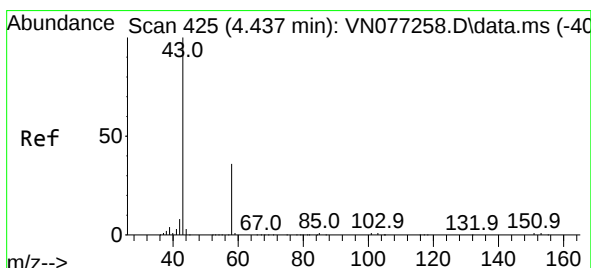
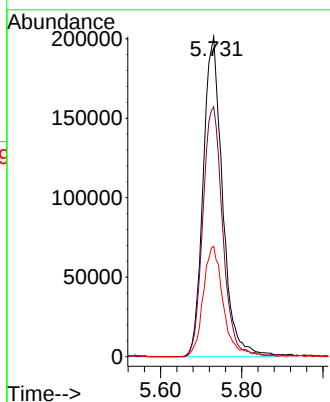
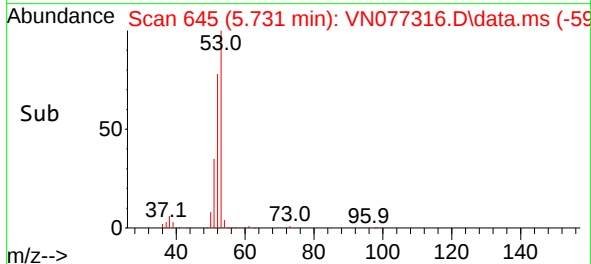
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



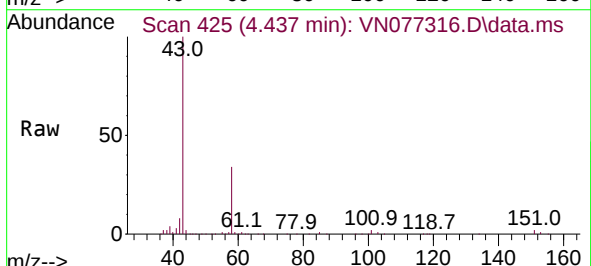
Tgt Ion: 53 Resp: 66689
Ion Ratio Lower Upper
53 100
52 79.9 65.2 97.8
51 35.9 28.1 42.1

Manual Integrations
APPROVED

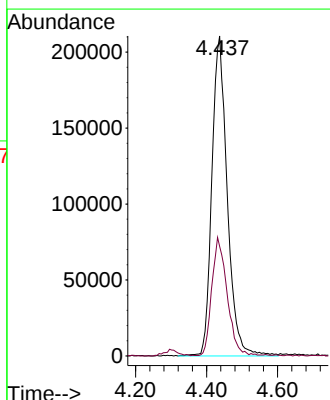
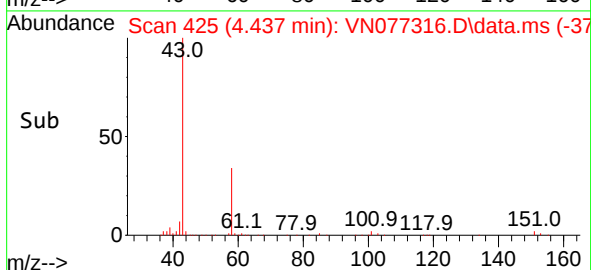
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

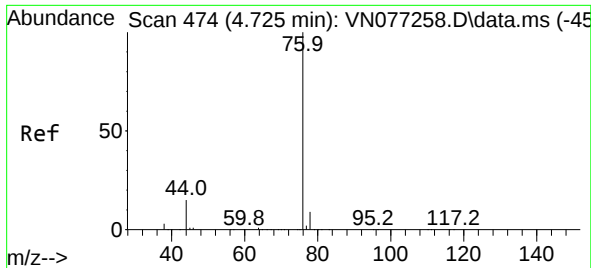


#16
Acetone
Concen: 239.350 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion: 43 Resp: 632352
Ion Ratio Lower Upper
43 100
58 34.0 29.0 43.6





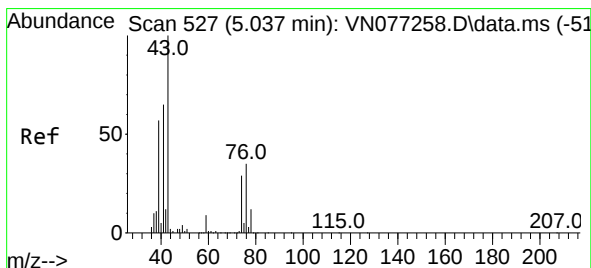
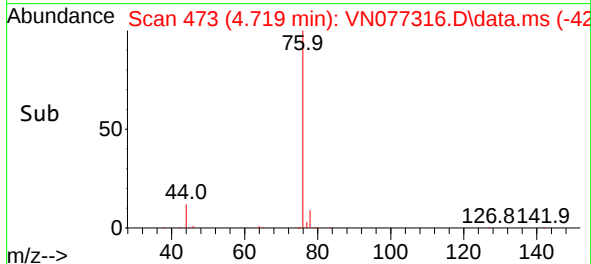
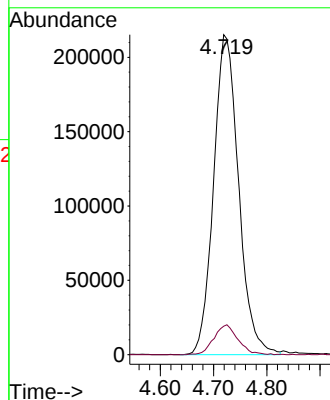
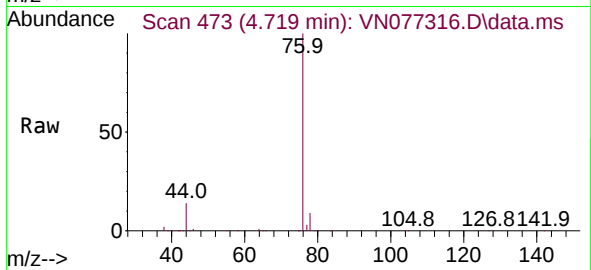
#17
Carbon Disulfide
Concen: 42.373 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 701740
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

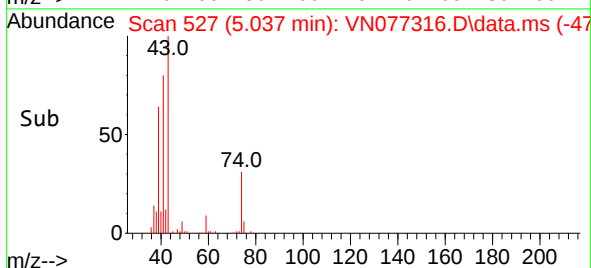
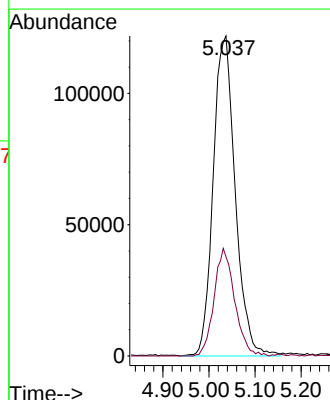
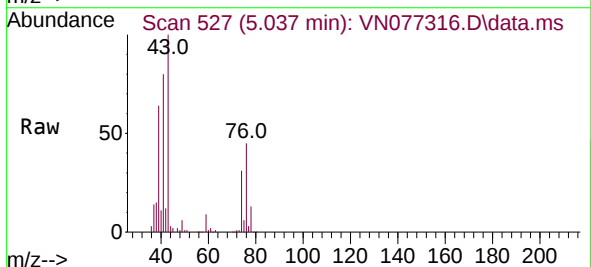
Manual Integrations
APPROVED

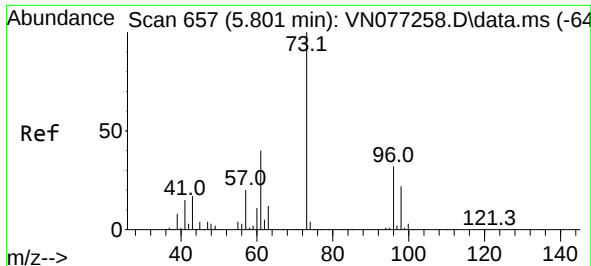
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 40.236 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

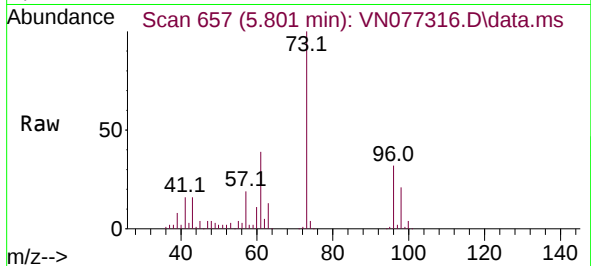
Tgt Ion: 43 Resp: 404857
Ion Ratio Lower Upper
43 100
74 31.3 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 45.897 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

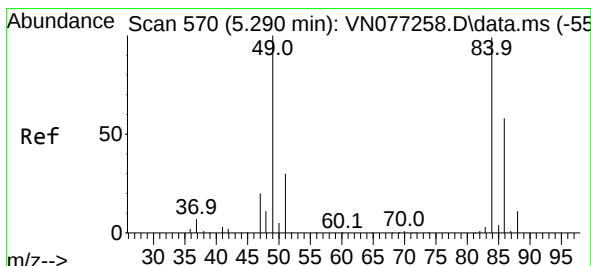
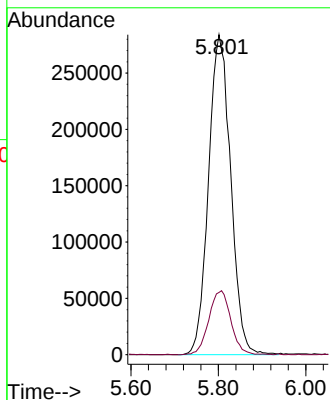
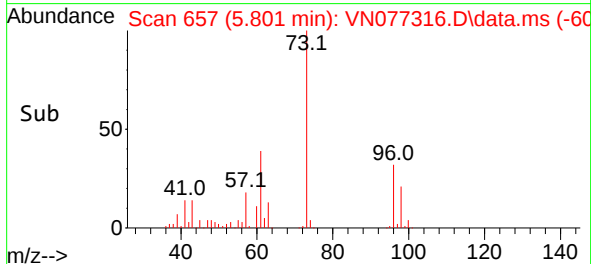
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1000200
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.4

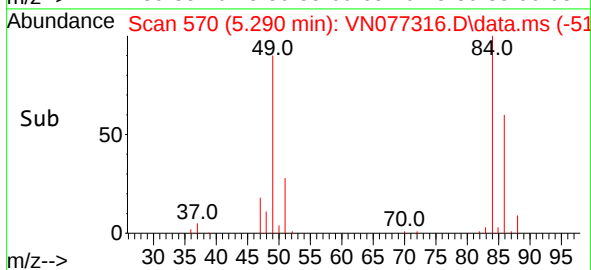
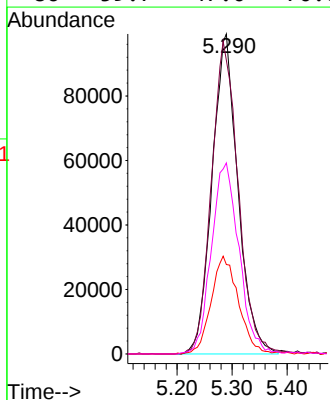
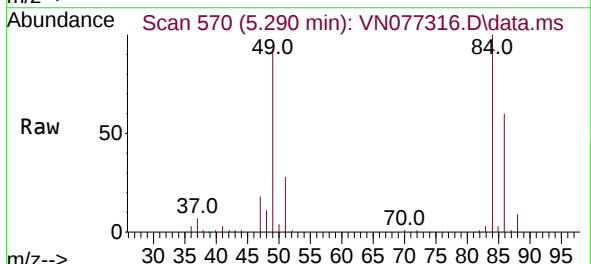
Manual Integrations
APPROVED

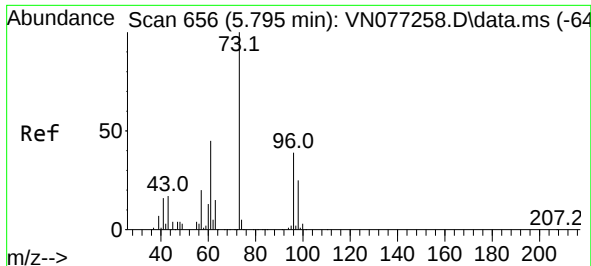
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 43.356 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

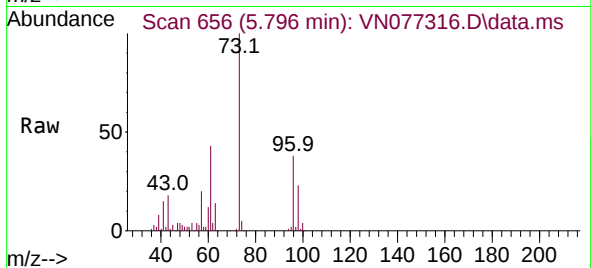
Tgt Ion: 84 Resp: 323495
Ion Ratio Lower Upper
84 100
49 91.7 80.6 121.0
51 27.6 24.4 36.6
86 59.7 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 45.808 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

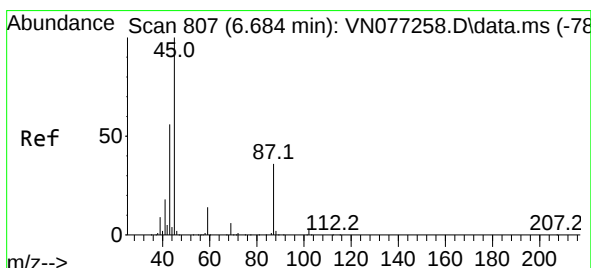
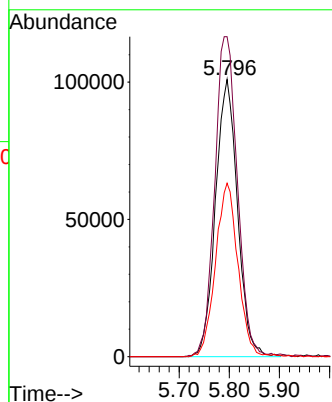
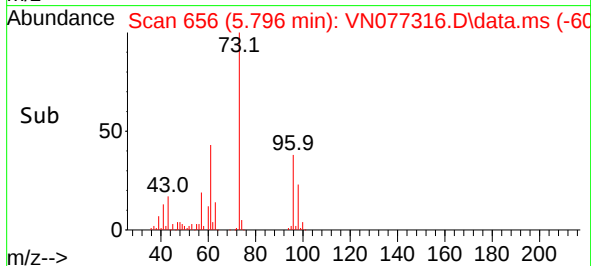
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



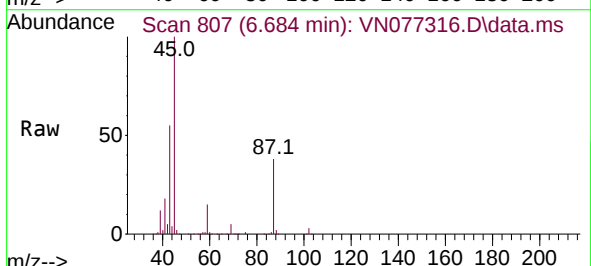
Tgt Ion: 96 Resp: 308036
Ion Ratio Lower Upper
96 100
61 115.4 93.8 140.6
98 62.6 50.9 76.3

Manual Integrations
APPROVED

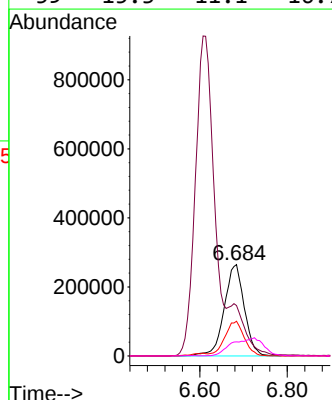
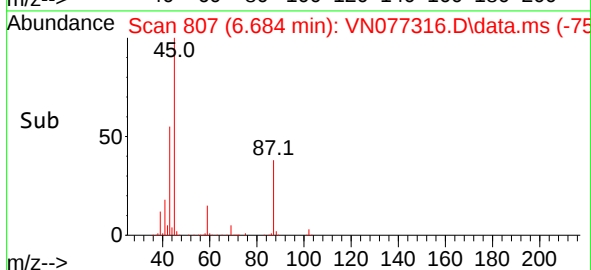
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

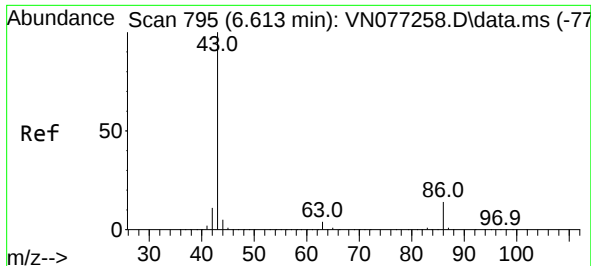


#22
Diisopropyl ether
Concen: 45.411 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



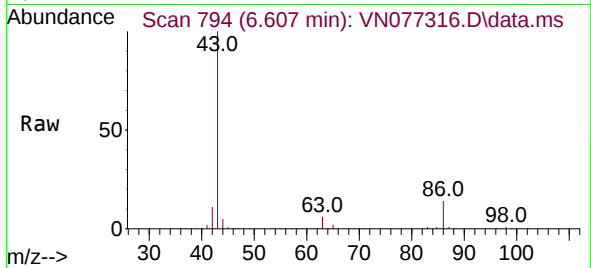
Tgt Ion: 45 Resp: 844485
Ion Ratio Lower Upper
45 100
43 53.8 44.6 66.8
87 37.9 28.4 42.6
59 15.3 11.1 16.7





#23
 Vinyl Acetate
 Concen: 251.802 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36

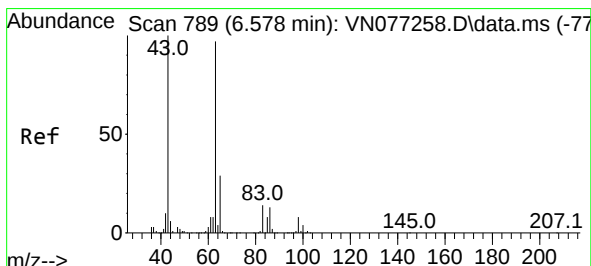
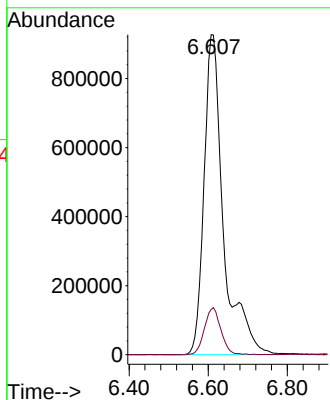
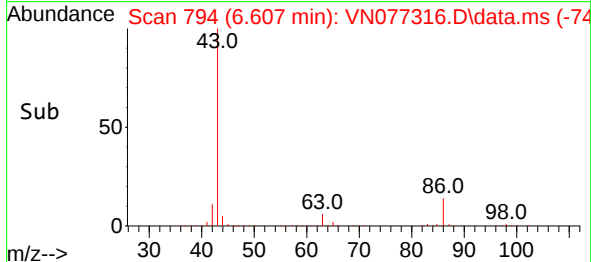
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



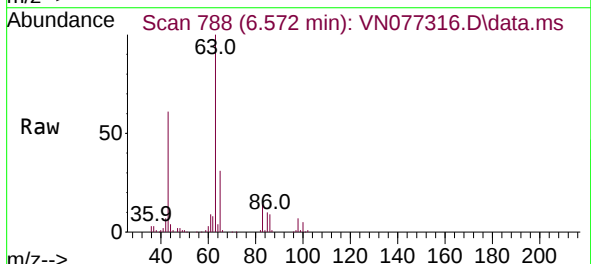
Tgt Ion: 43 Resp: 3166149
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.2 16.8

Manual Integrations
 APPROVED

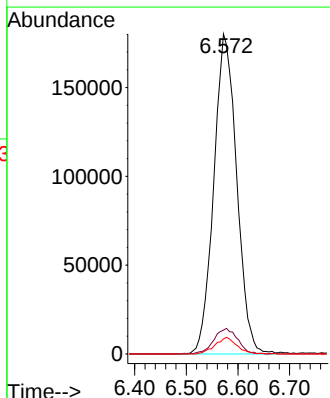
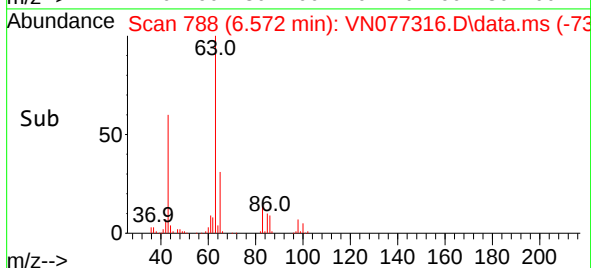
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

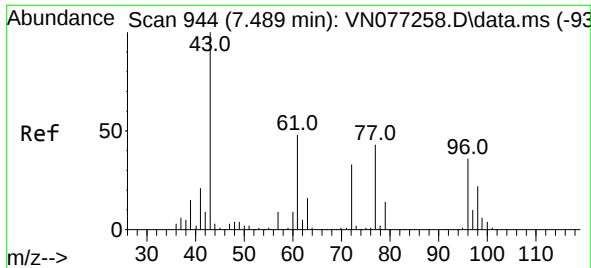


#24
 1,1-Dichloroethane
 Concen: 46.275 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36



Tgt Ion: 63 Resp: 555697
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.7 2.3 6.9





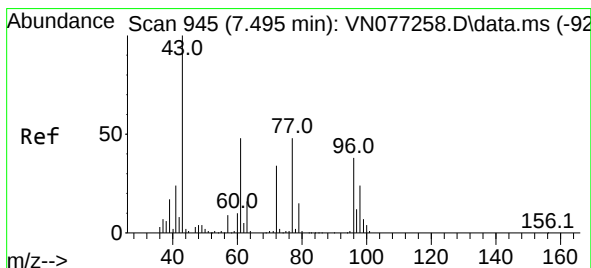
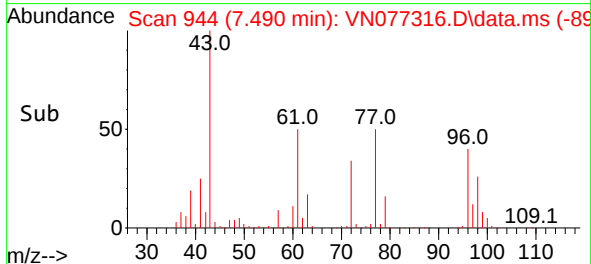
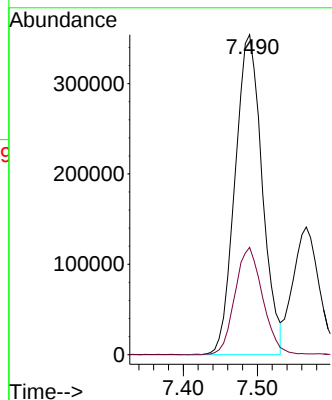
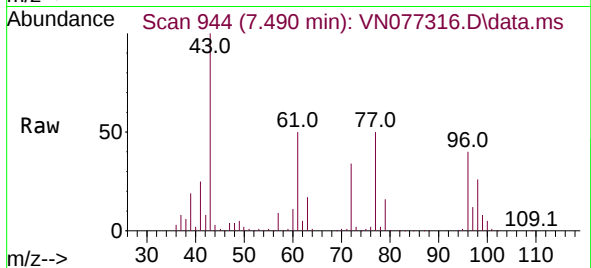
#25
2-Butanone
Concen: 210.121 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 90095
Ion Ratio Lower Upper
43 100
72 33.6 26.6 39.8

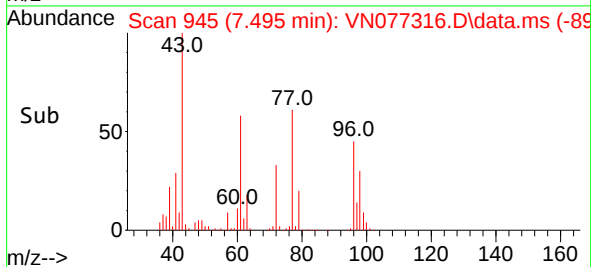
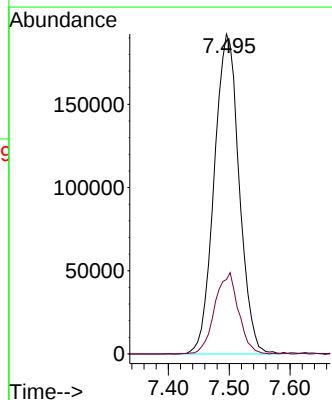
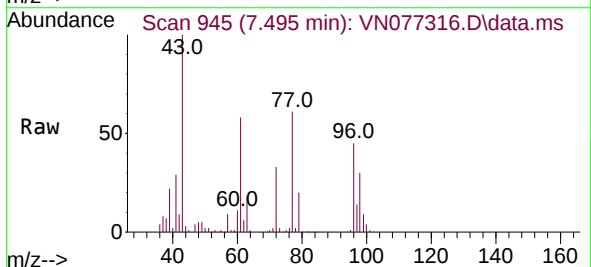
Manual Integrations
APPROVED

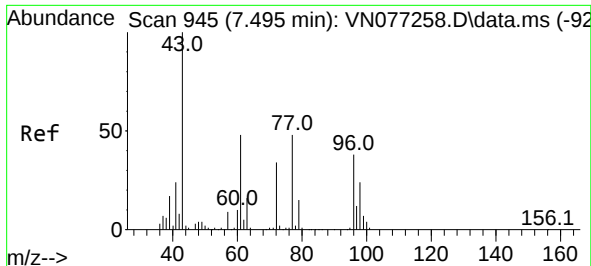
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#26
2,2-Dichloropropane
Concen: 49.798 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

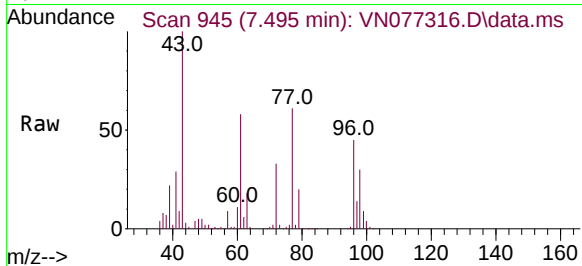
Tgt Ion: 77 Resp: 548352
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.217 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36

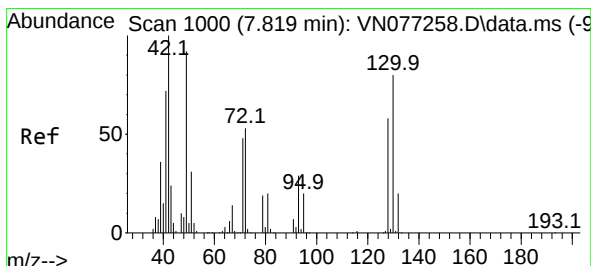
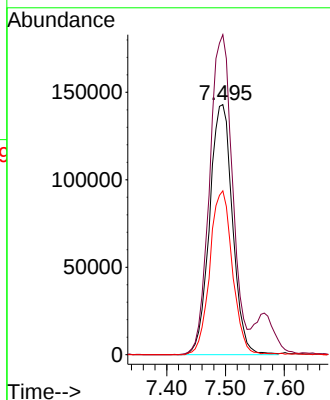
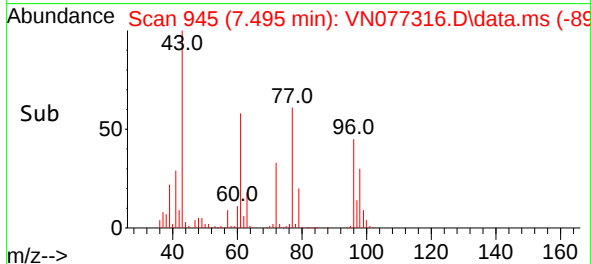
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



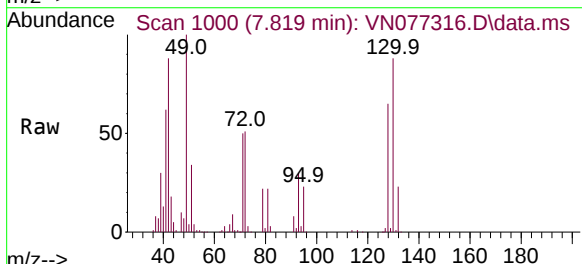
Tgt Ion: 96 Resp: 387734
 Ion Ratio Lower Upper
 96 100
 61 128.4 0.0 261.0
 98 64.4 0.0 128.0

Manual Integrations
 APPROVED

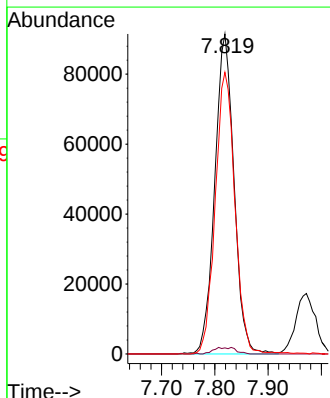
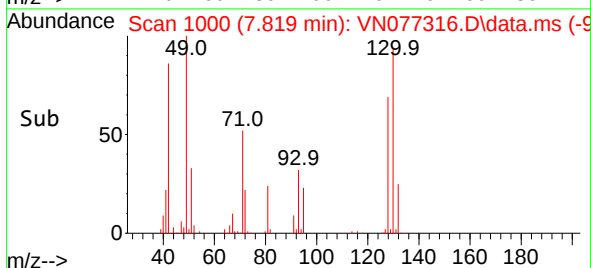
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

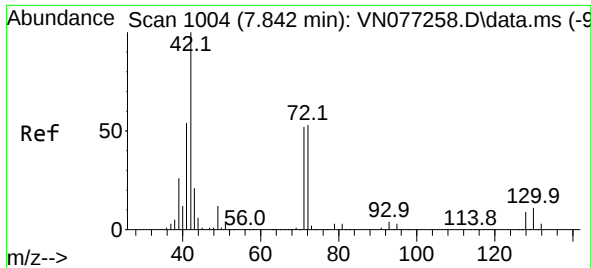


#28
 Bromochloromethane
 Concen: 47.400 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36



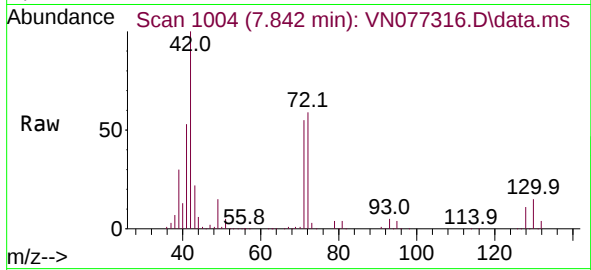
Tgt Ion: 49 Resp: 228967
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.4
 130 89.6 68.4 102.6





#29
Tetrahydrofuran
Concen: 194.822 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

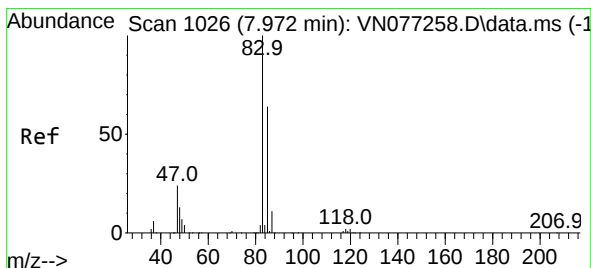
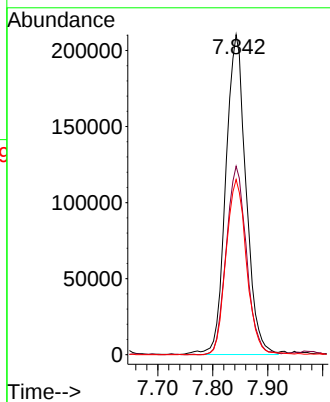
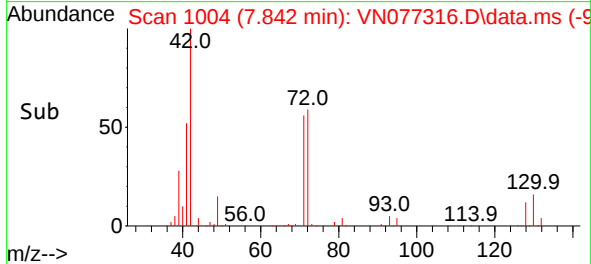
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 536990
Ion Ratio Lower Upper
42 100
72 59.1 44.6 66.8
71 55.6 41.3 61.9

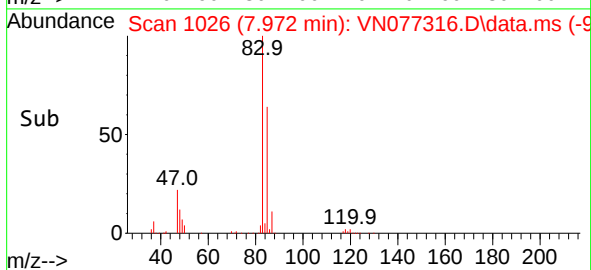
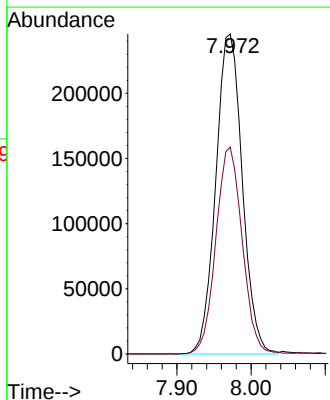
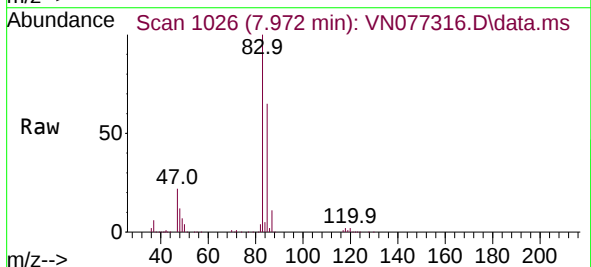
Manual Integrations
APPROVED

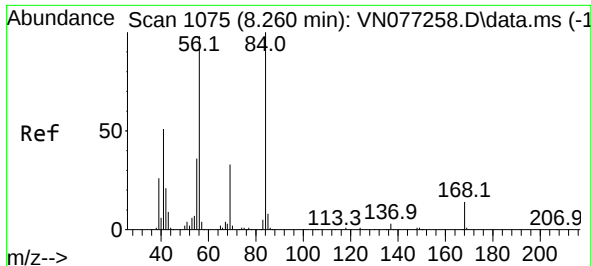
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#30
Chloroform
Concen: 47.682 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

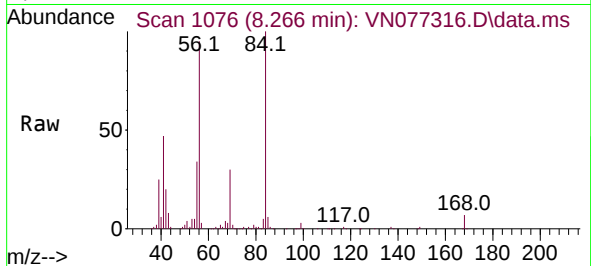
Tgt Ion: 83 Resp: 610619
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3





#31
Cyclohexane
Concen: 42.322 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

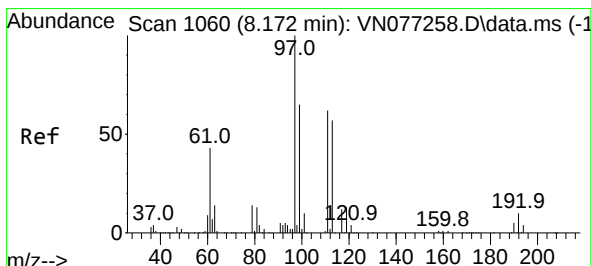
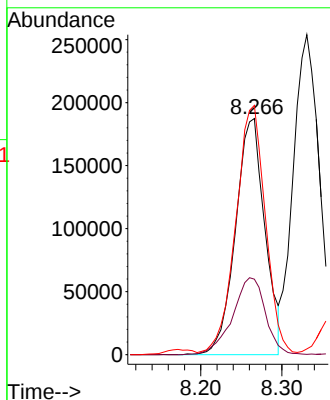
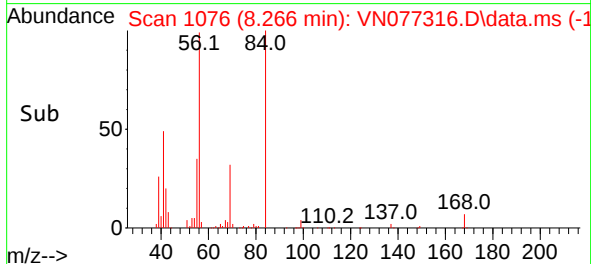
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 471225
Ion Ratio Lower Upper
56 100
69 32.0 26.6 40.0
84 103.3 81.8 122.8

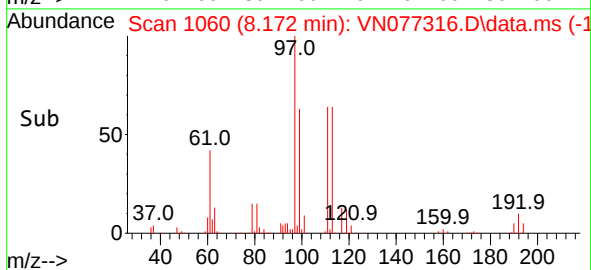
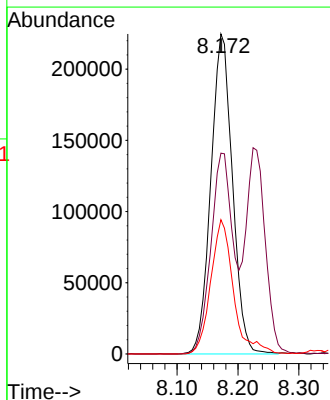
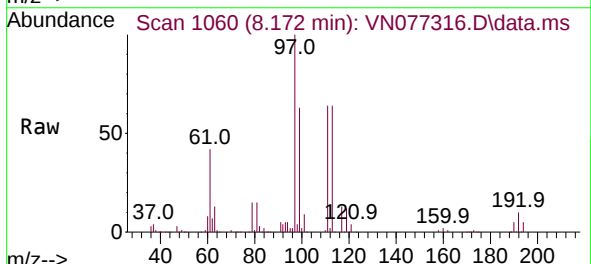
Manual Integrations
APPROVED

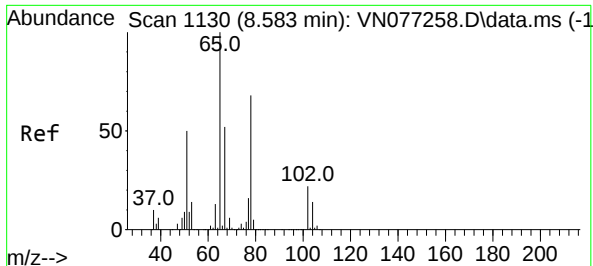
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 47.547 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion: 97 Resp: 553753
Ion Ratio Lower Upper
97 100
99 63.8 54.2 81.4
61 44.2 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 50.938 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 36499

Ion Ratio Lower Upper

65 100

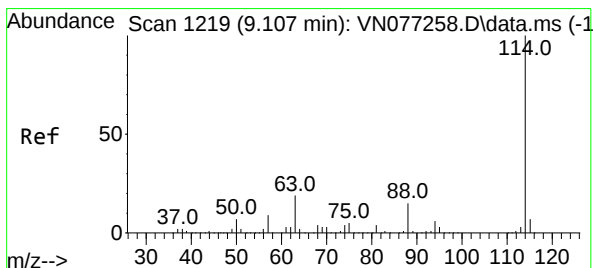
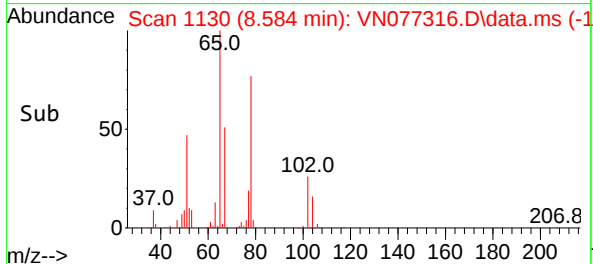
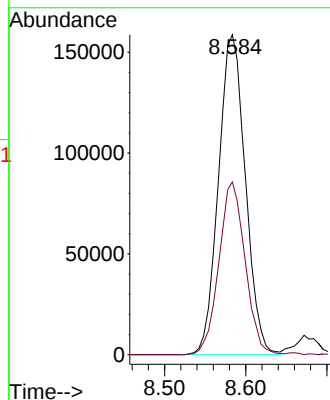
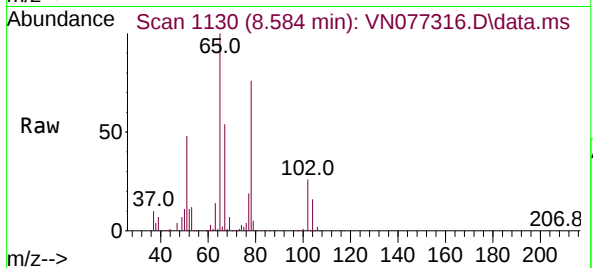
67 52.7 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

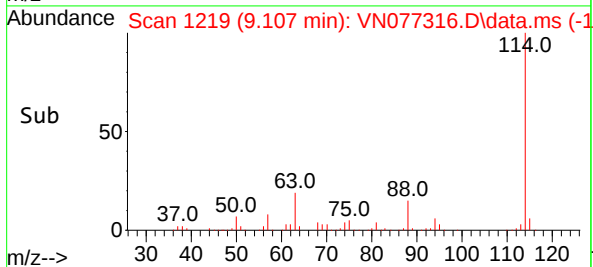
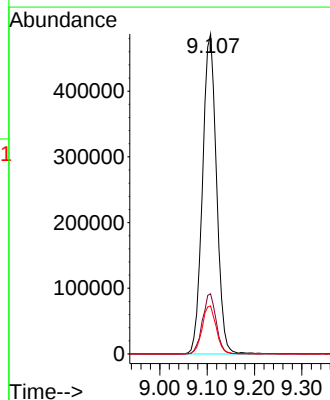
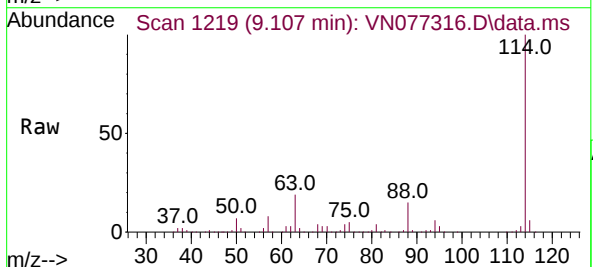
Tgt Ion:114 Resp: 999891

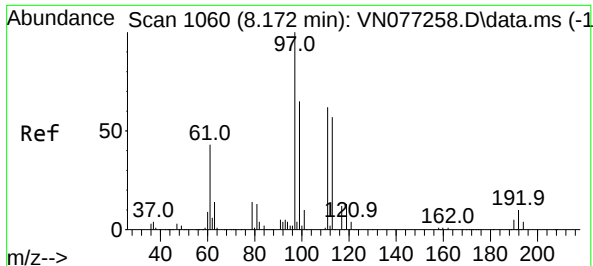
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 33390

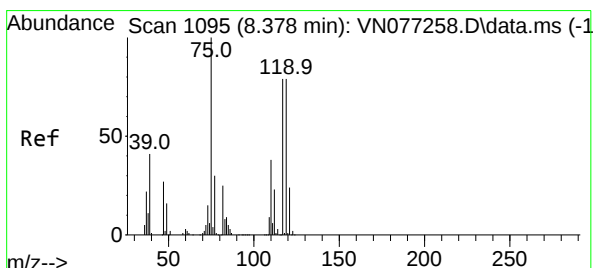
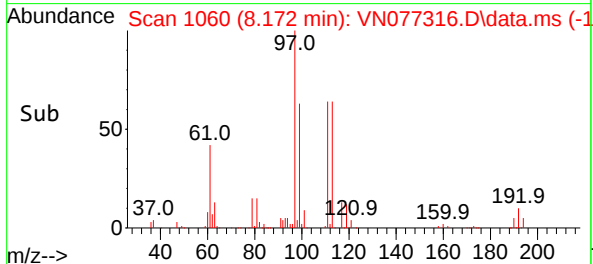
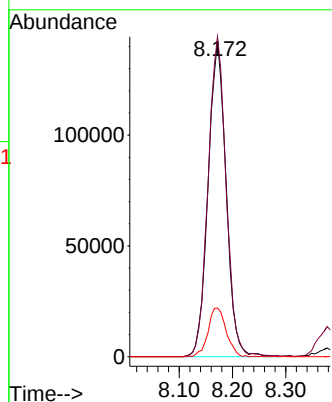
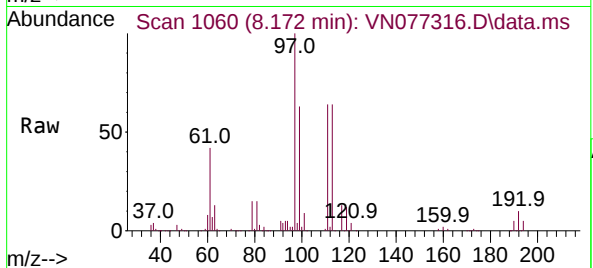
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	15.6	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#36

1,1-Dichloropropene

Concen: 47.738 ug/l

RT: 8.372 min Scan# 1094

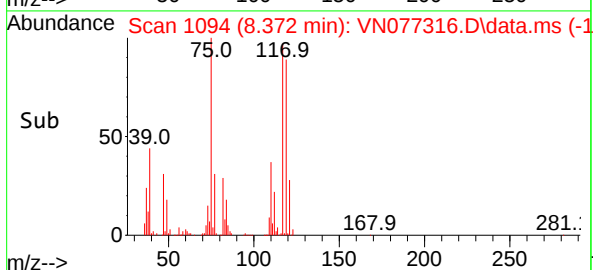
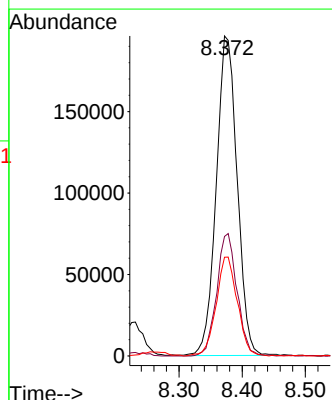
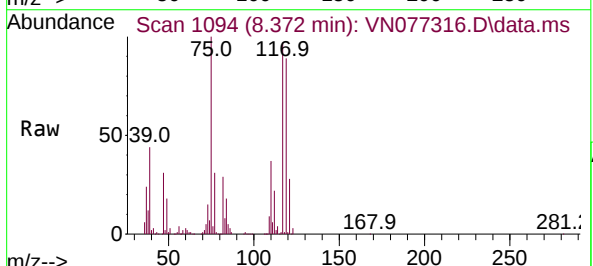
Delta R.T. -0.006 min

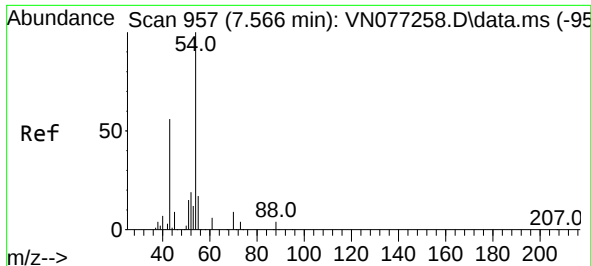
Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Tgt Ion: 75 Resp: 451940

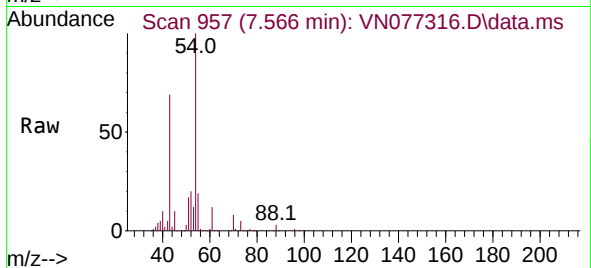
Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.8	53.5
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 41.913 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

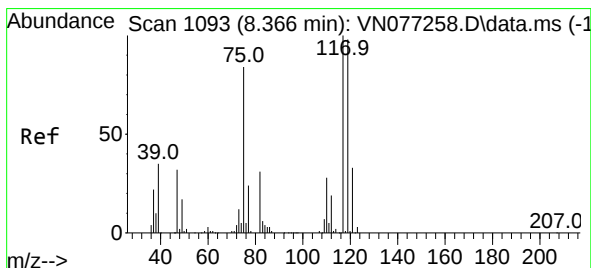
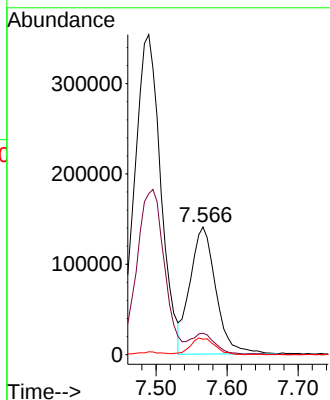
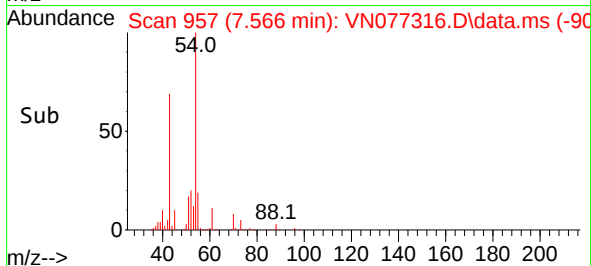
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 355015
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 12.5 10.0 15.0

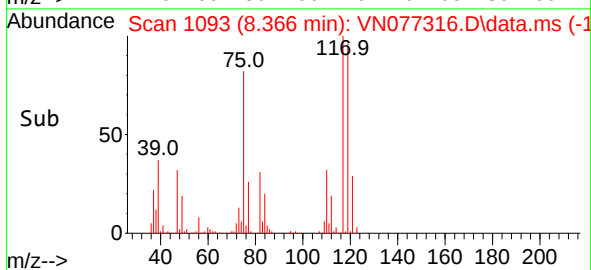
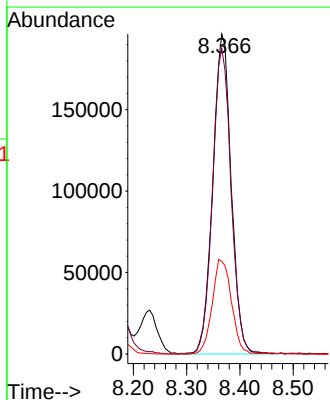
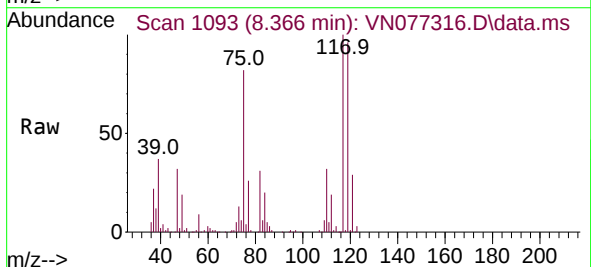
Manual Integrations
APPROVED

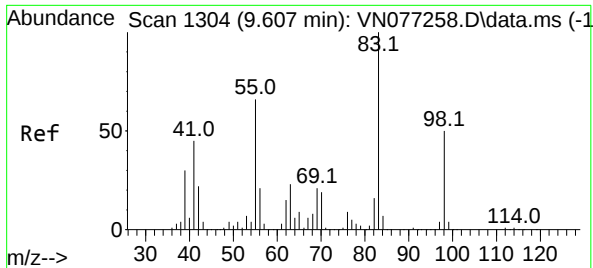
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Carbon Tetrachloride
Concen: 48.694 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

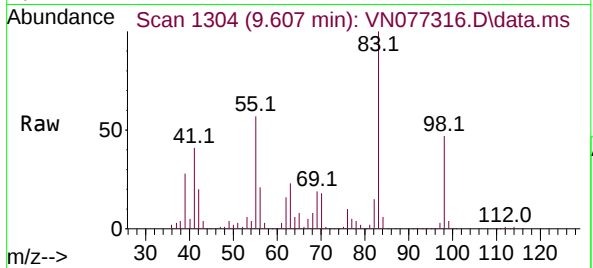
Tgt Ion:117 Resp: 472297
Ion Ratio Lower Upper
117 100
119 95.6 78.5 117.7
121 29.0 26.6 40.0





#39
Methylcyclohexane
Concen: 48.584 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

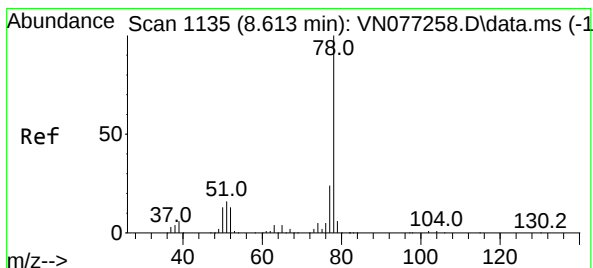
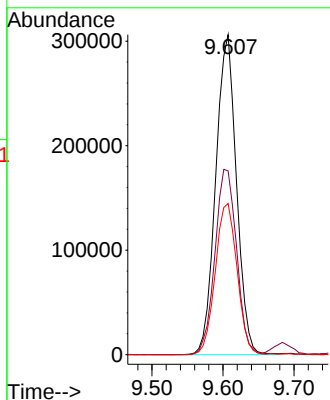
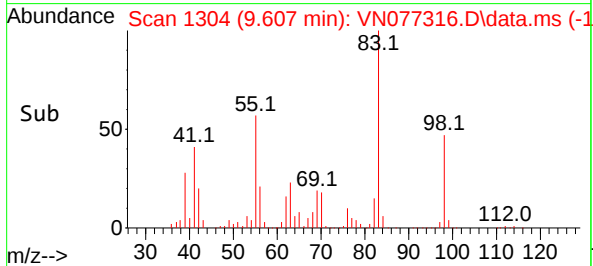
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 62020
Ion Ratio Lower Upper
83 100
55 57.4 52.4 78.6
98 47.2 39.8 59.6

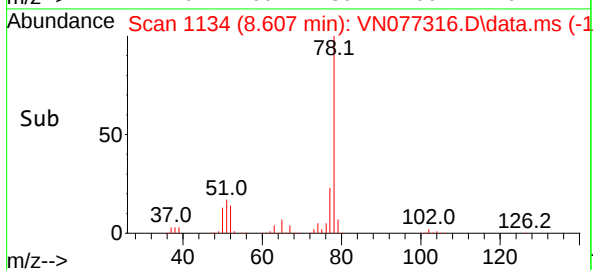
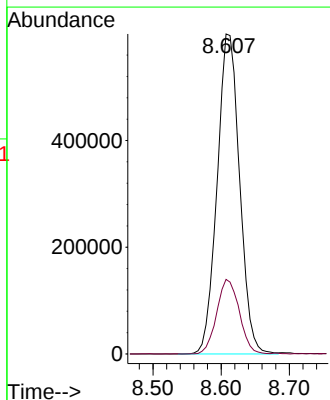
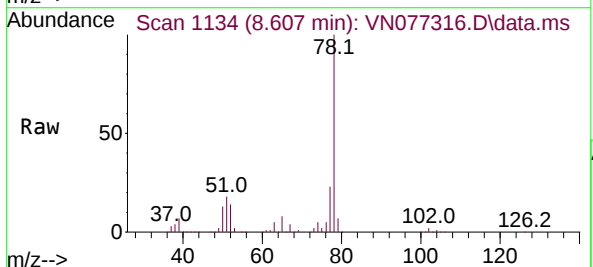
Manual Integrations
APPROVED

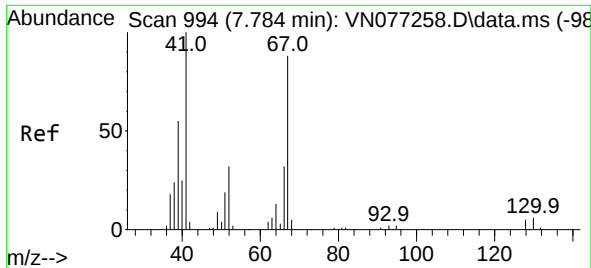
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40
Benzene
Concen: 46.581 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

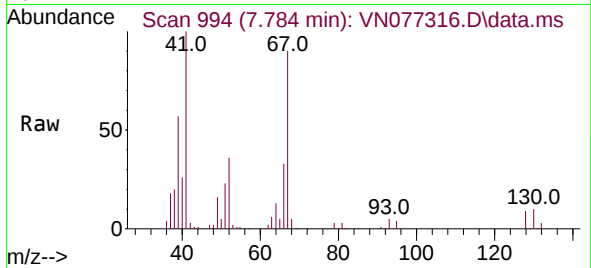
Tgt Ion: 78 Resp: 1375490
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3





#41
Methacrylonitrile
Concen: 39.066 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

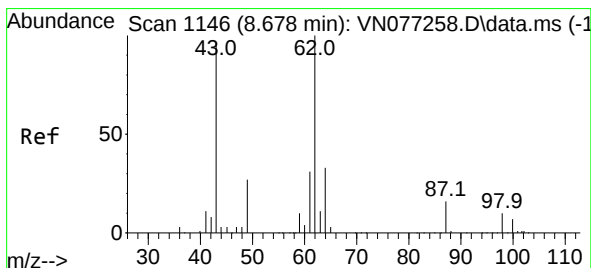
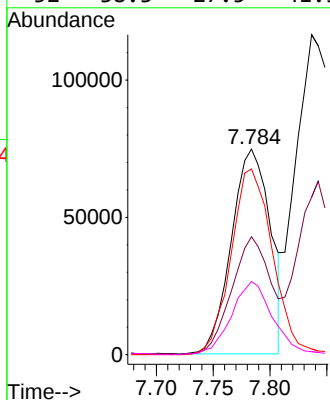
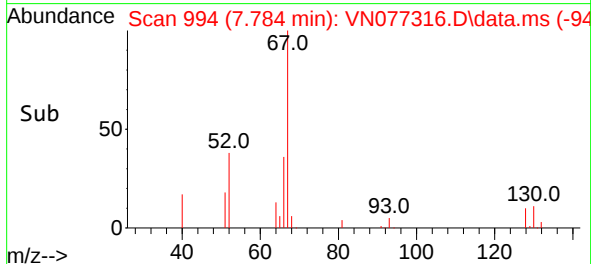
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



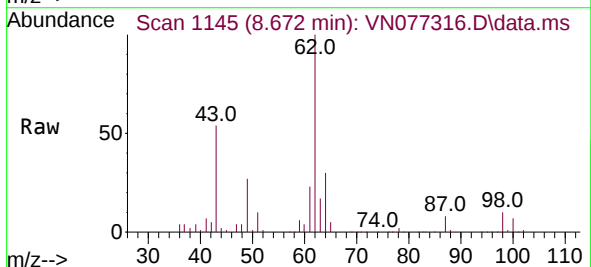
Tgt Ion: 41 Resp: 17786
Ion Ratio Lower Upper
41 100
39 57.2 44.1 66.1
67 97.3 71.4 107.2
52 38.3 27.5 41.3

Manual Integrations
APPROVED

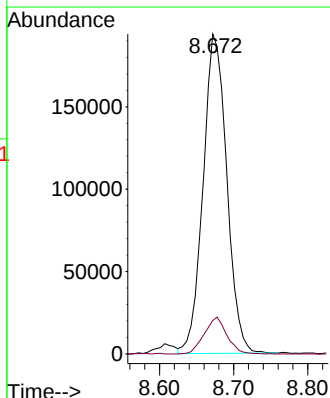
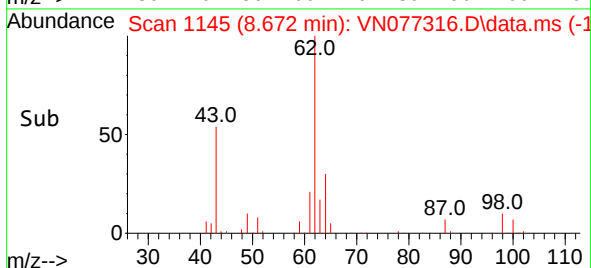
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

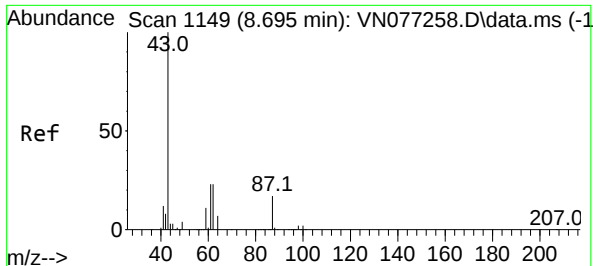


#42
1,2-Dichloroethane
Concen: 47.365 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion: 62 Resp: 430462
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.2





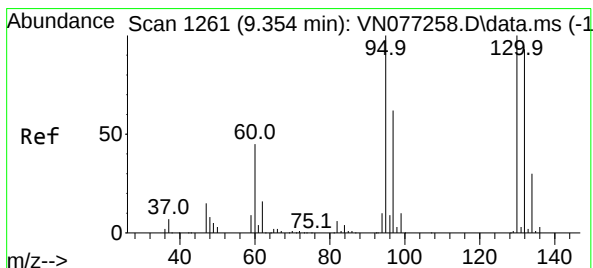
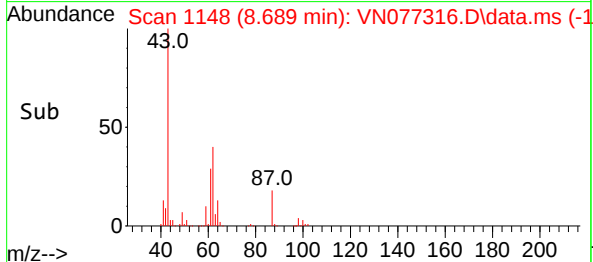
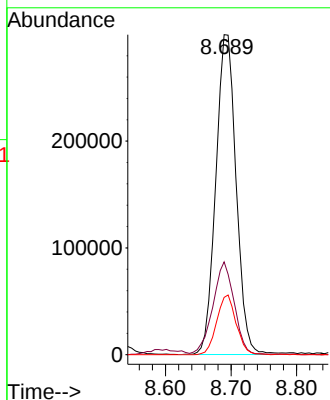
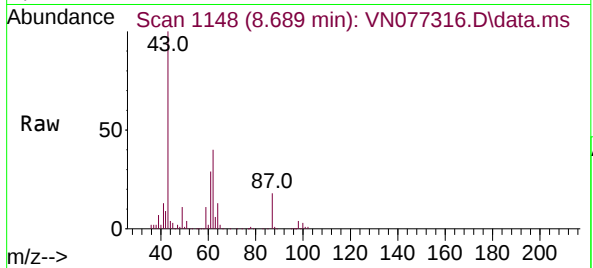
#43
Isopropyl Acetate
Concen: 41.182 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 643658
Ion Ratio Lower Upper
43 100
61 30.3 22.7 34.1
87 17.8 13.6 20.4

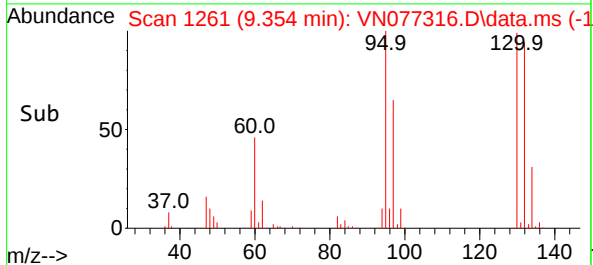
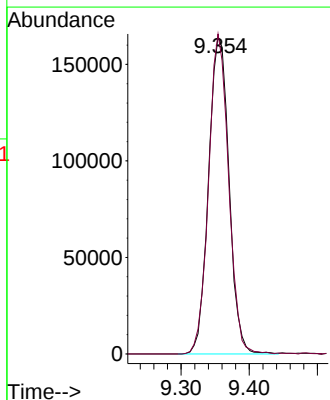
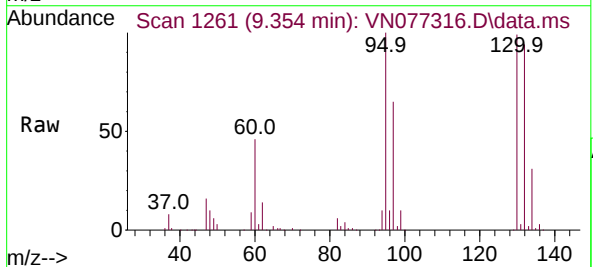
Manual Integrations
APPROVED

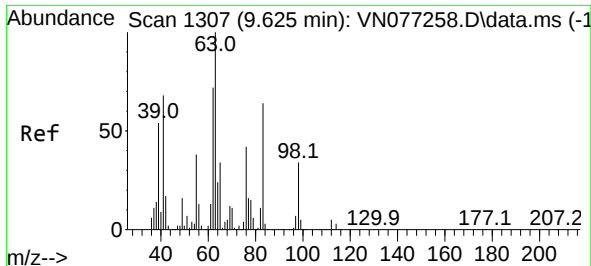
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#44
Trichloroethene
Concen: 48.589 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:130 Resp: 343304
Ion Ratio Lower Upper
130 100
95 100.9 0.0 200.2





#45

1,2-Dichloropropane

Concen: 48.040 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 336910

Ion Ratio Lower Upper

63 100

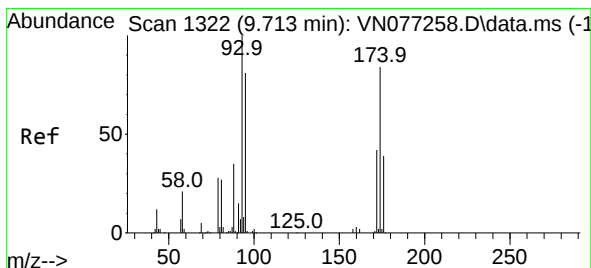
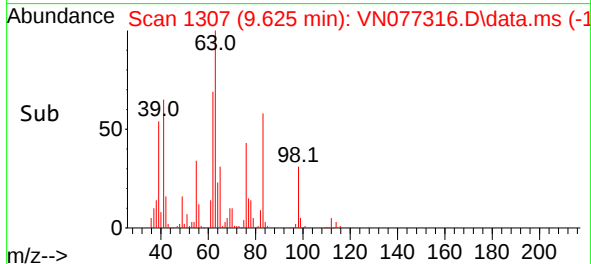
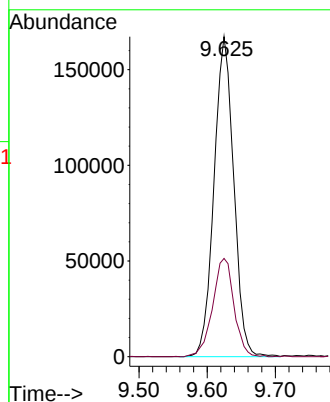
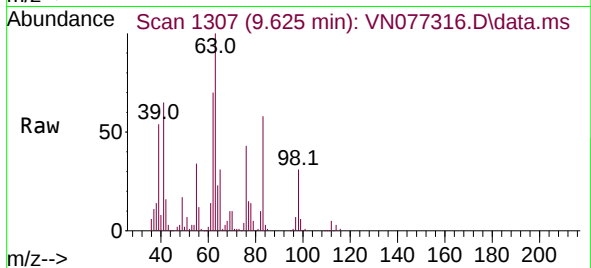
65 30.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

Dibromomethane

Concen: 47.318 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

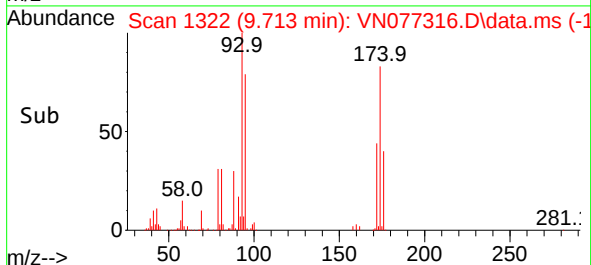
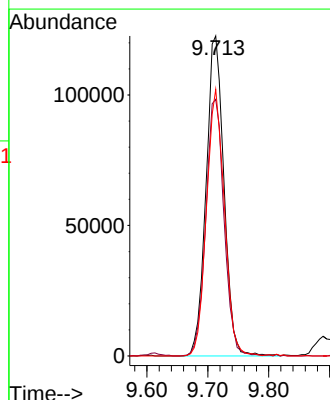
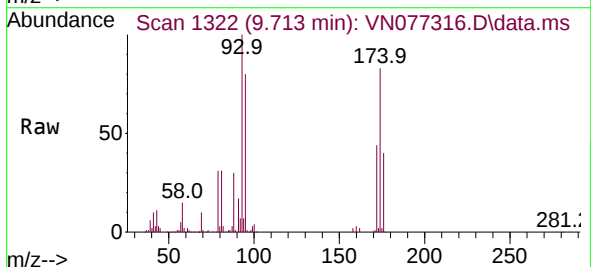
Tgt Ion: 93 Resp: 250022

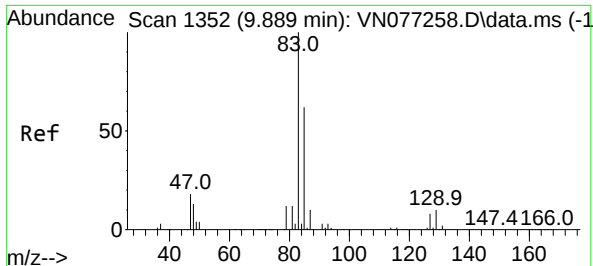
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 83.3 66.0 99.0





#47

Bromodichloromethane

Concen: 47.110 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

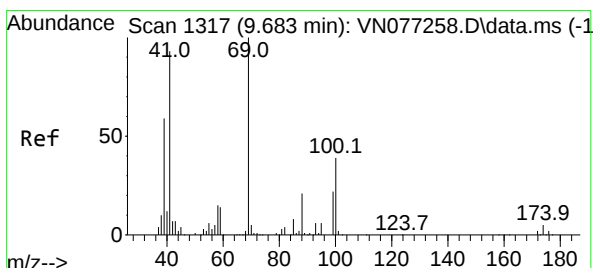
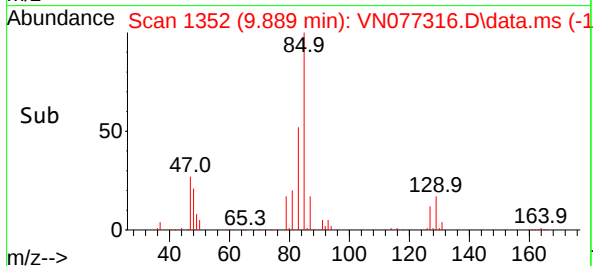
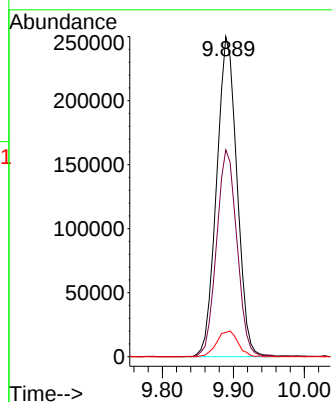
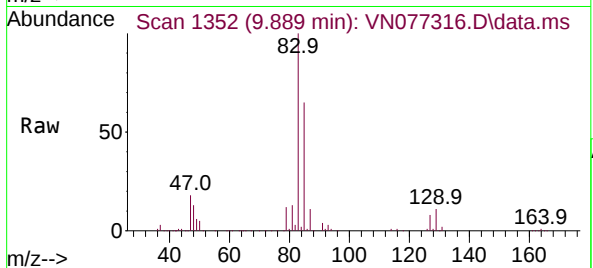
Tgt Ion: 83 Resp: 49753
 Ion Ratio Lower Upper
 83 100
 85 64.6 49.8 74.8
 127 7.5 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Methyl methacrylate

Concen: 42.076 ug/l

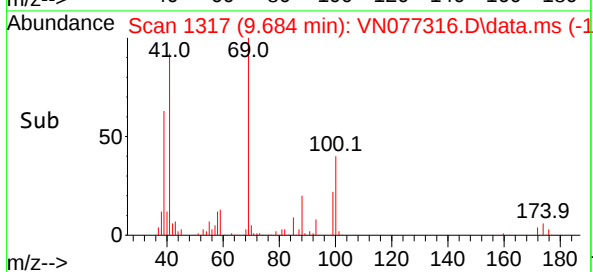
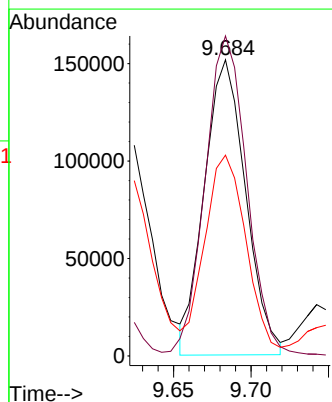
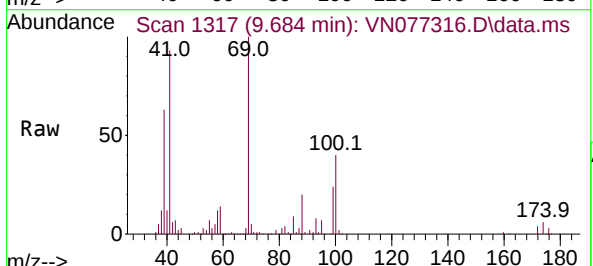
RT: 9.684 min Scan# 1317

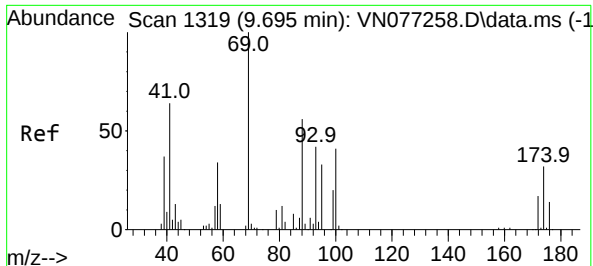
Delta R.T. 0.001 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Tgt Ion: 41 Resp: 280544
 Ion Ratio Lower Upper
 41 100
 69 109.3 85.0 127.6
 39 68.6 53.5 80.3





#49

1,4-Dioxane

Concen: 832.354 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 134550

Ion Ratio Lower Upper

88 100

43 17.4 17.0 25.6

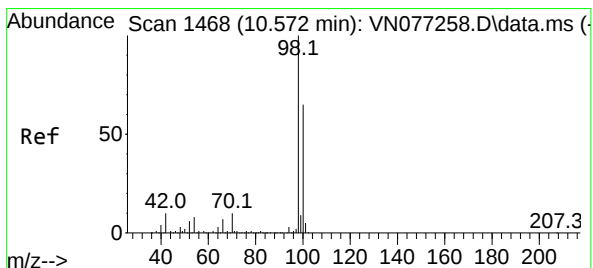
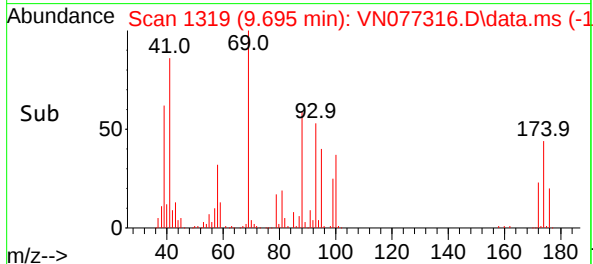
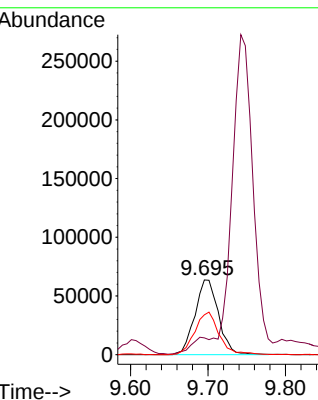
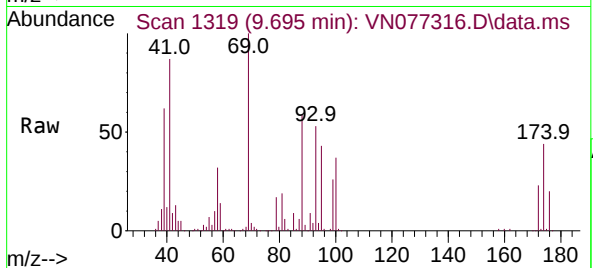
58 58.7 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

Toluene-d8

Concen: 50.628 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077316.D

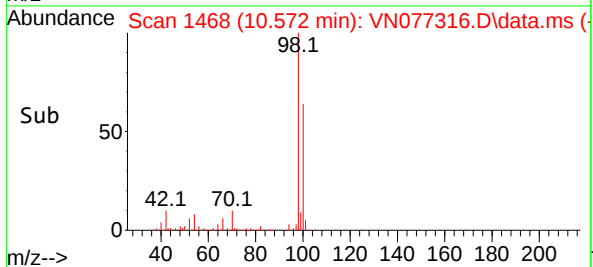
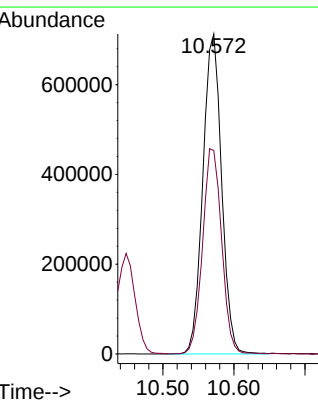
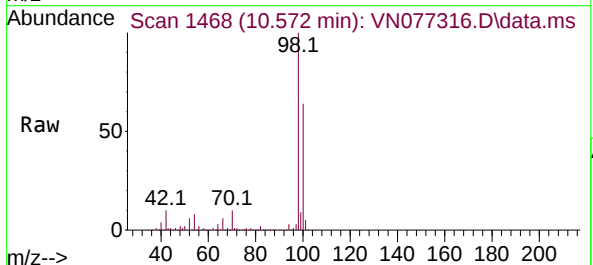
Acq: 13 Apr 2023 09:36

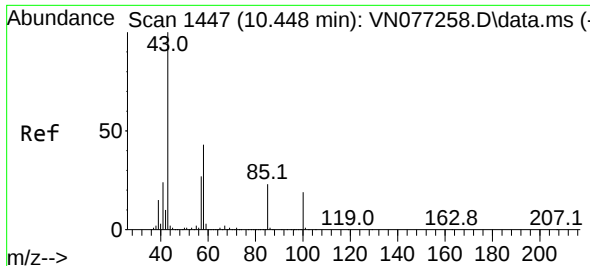
Tgt Ion: 98 Resp: 1304599

Ion Ratio Lower Upper

98 100

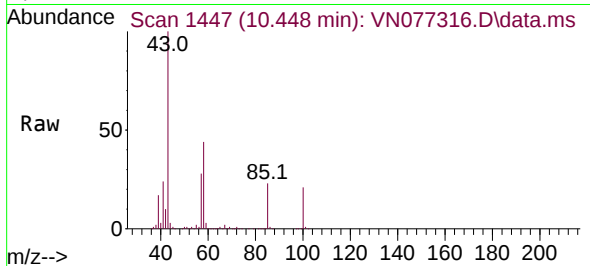
100 64.9 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 207.424 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

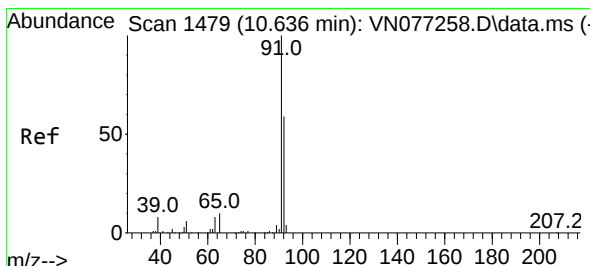
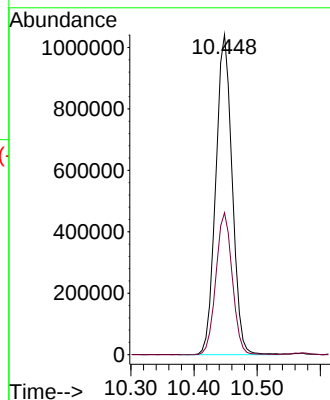
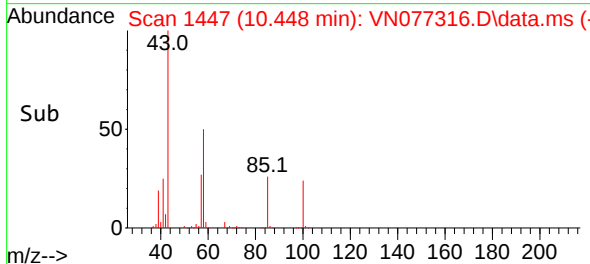
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



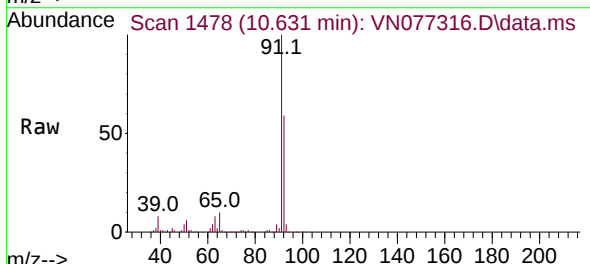
Tgt Ion: 43 Resp: 1873930
Ion Ratio Lower Upper
43 100
58 44.3 34.6 52.0

Manual Integrations
APPROVED

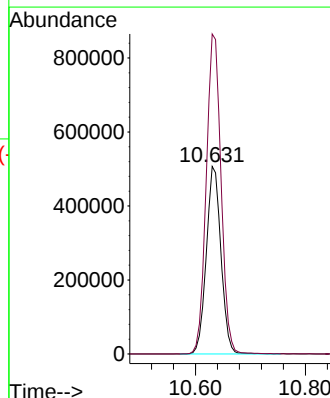
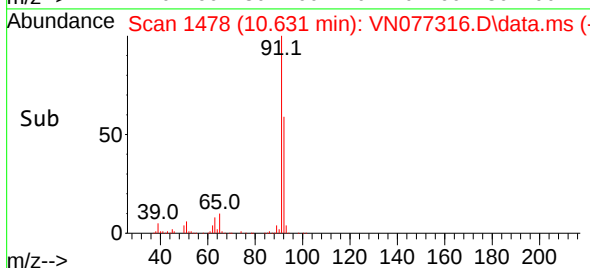
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

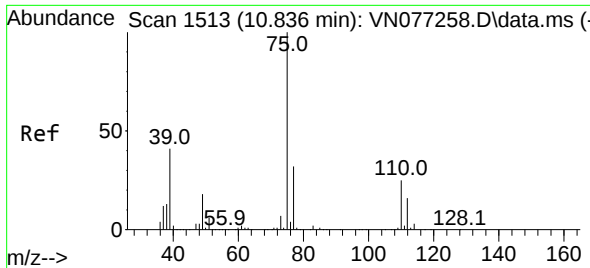


#52
Toluene
Concen: 48.389 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



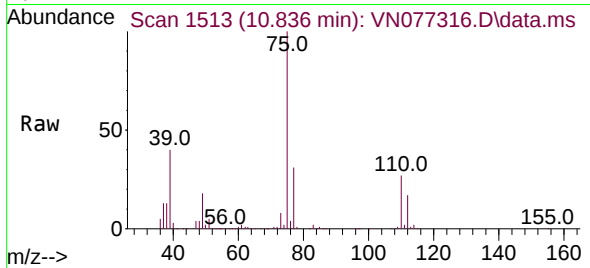
Tgt Ion: 92 Resp: 935258
Ion Ratio Lower Upper
92 100
91 172.7 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 49.417 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

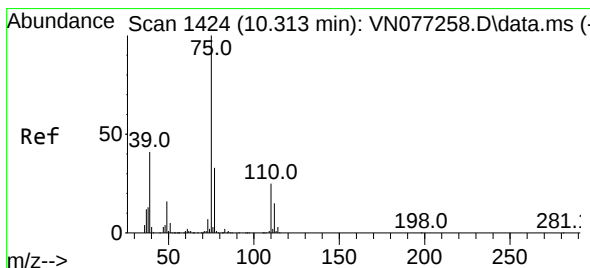
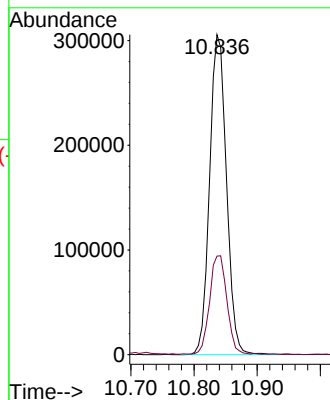
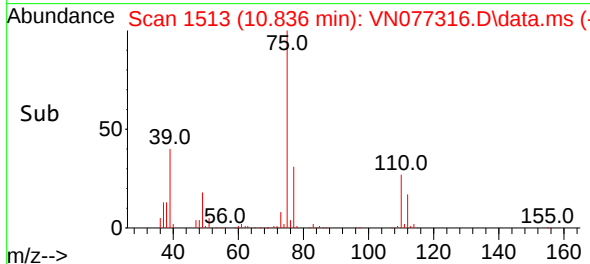
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



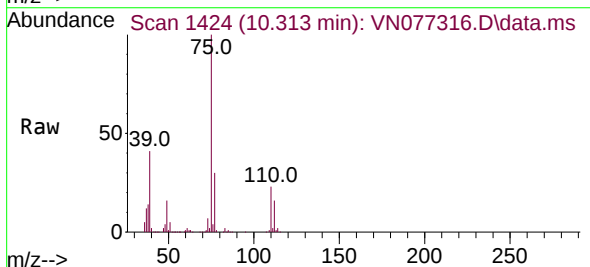
Tgt Ion: 75 Resp: 566732
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations
APPROVED

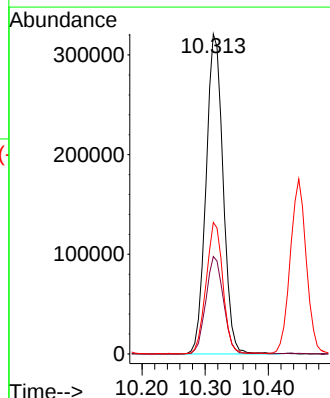
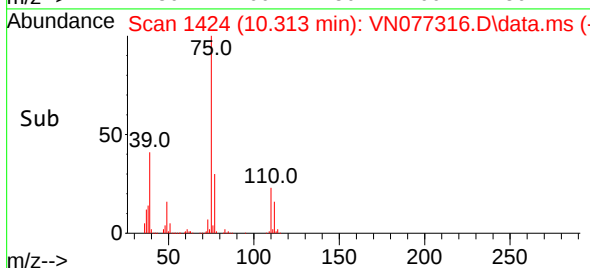
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

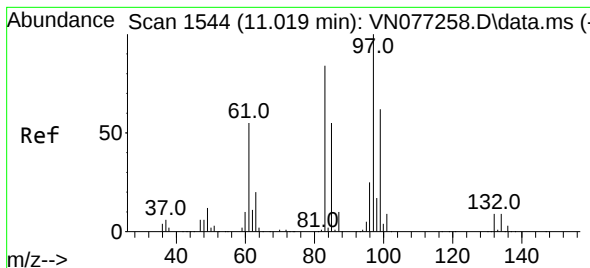


#54
cis-1,3-Dichloropropene
Concen: 49.229 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion: 75 Resp: 601365
Ion Ratio Lower Upper
75 100
77 30.5 26.7 40.1
39 41.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 47.237 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 358394

Ion Ratio Lower Upper

97 100

83 86.9 67.4 101.2

85 56.2 44.1 66.1

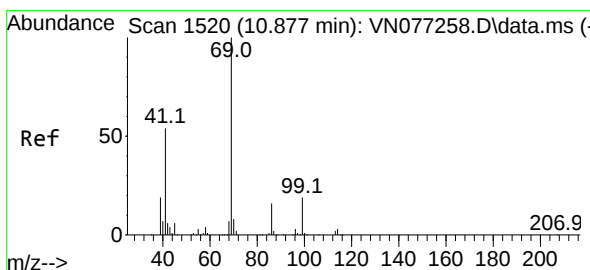
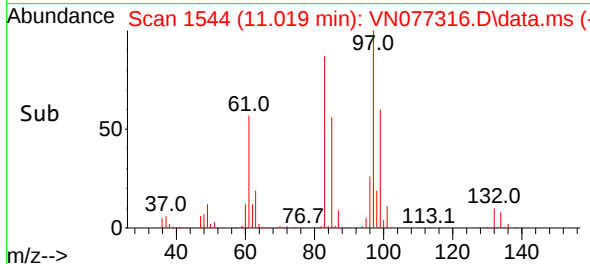
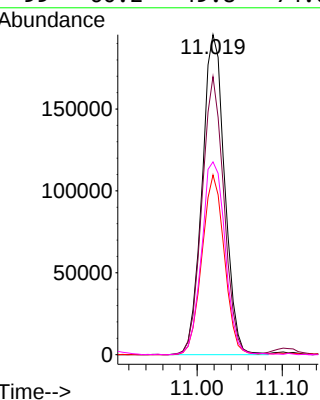
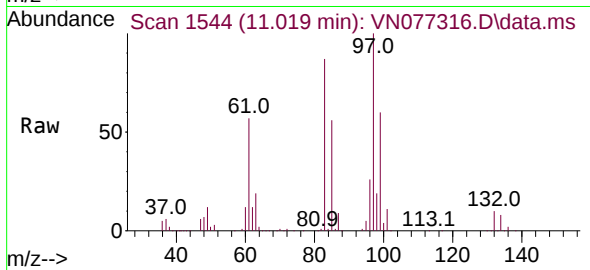
99 60.2 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#56

Ethyl methacrylate

Concen: 46.727 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.001 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

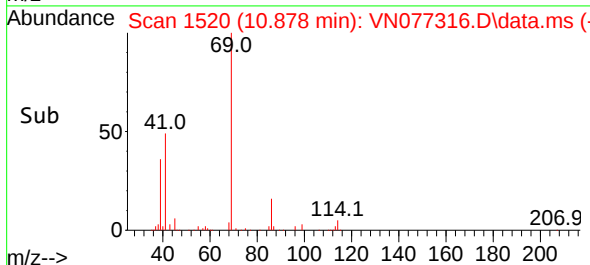
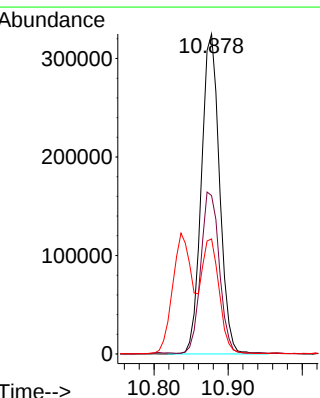
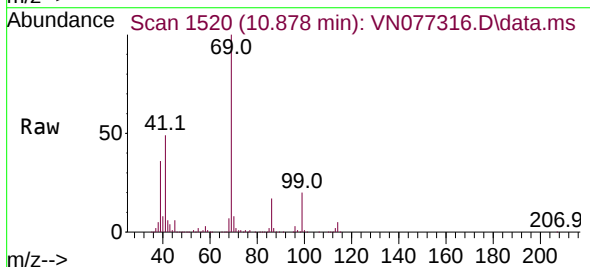
Tgt Ion: 69 Resp: 552194

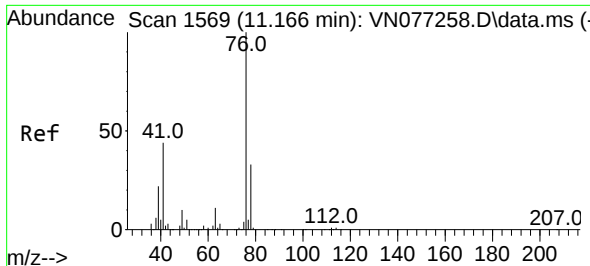
Ion Ratio Lower Upper

69 100

41 51.4 42.8 64.2

39 32.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 47.702 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 59793

Ion Ratio Lower Upper

76 100

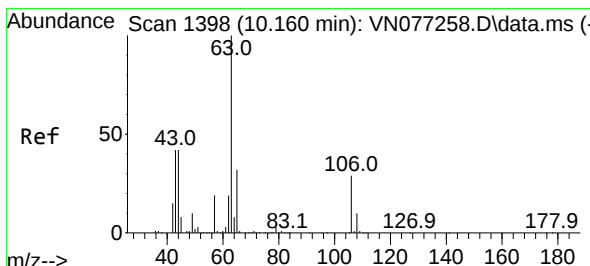
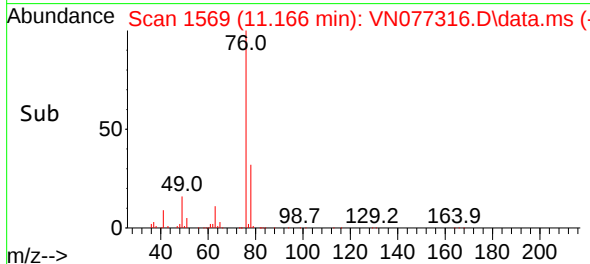
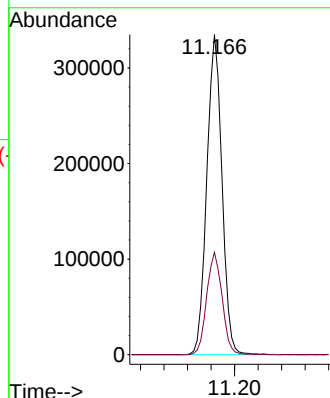
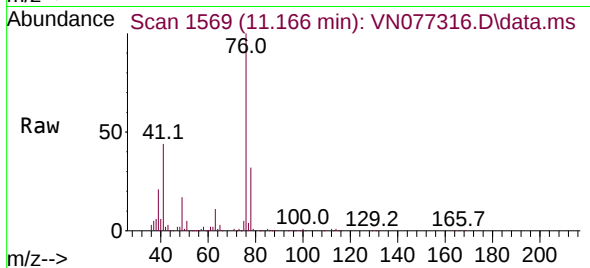
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 230.106 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077316.D

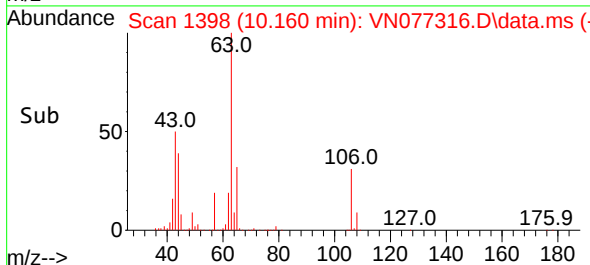
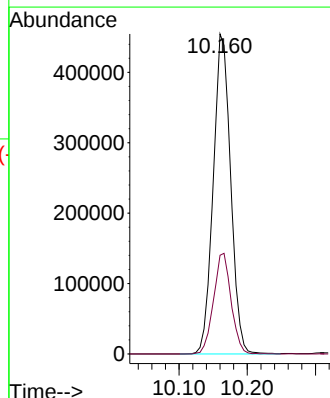
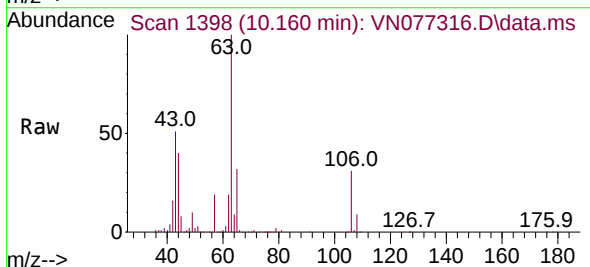
Acq: 13 Apr 2023 09:36

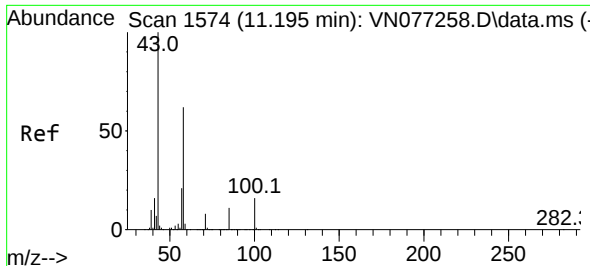
Tgt Ion: 63 Resp: 809476

Ion Ratio Lower Upper

63 100

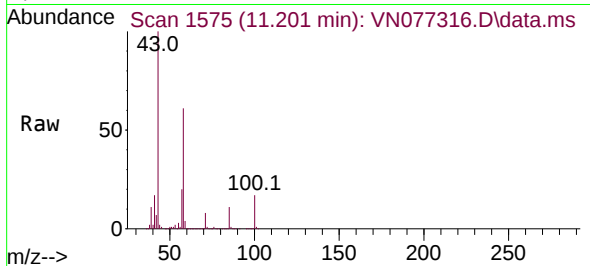
106 31.7 24.1 36.1





#59
2-Hexanone
Concen: 212.166 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

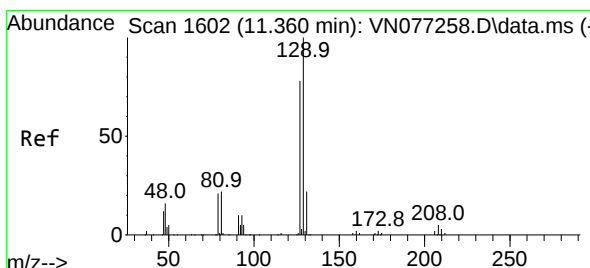
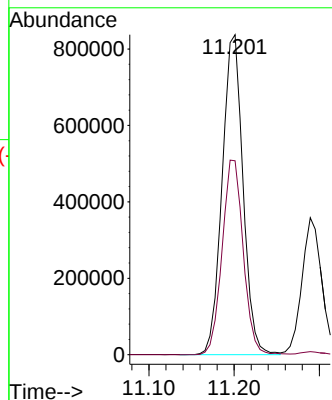
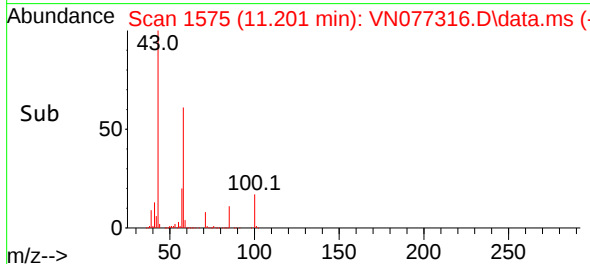
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1428000
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

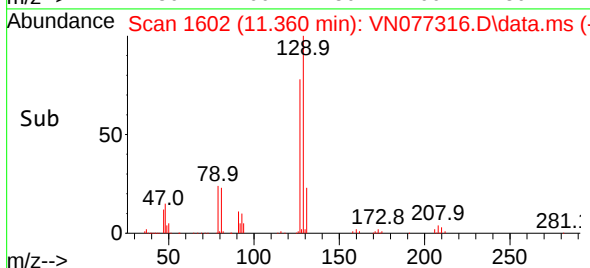
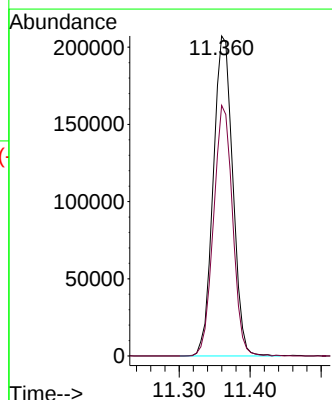
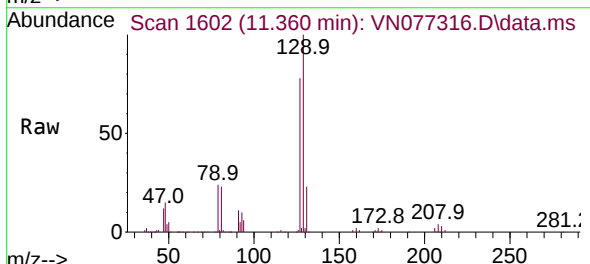
Manual Integrations
APPROVED

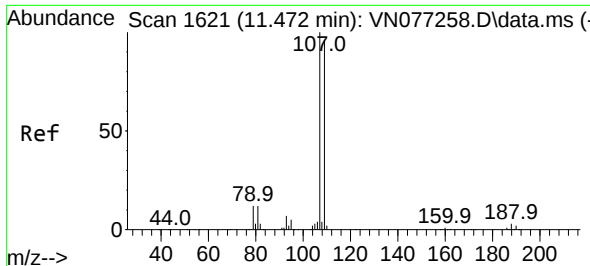
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#60
Dibromochloromethane
Concen: 50.490 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:129 Resp: 394536
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5





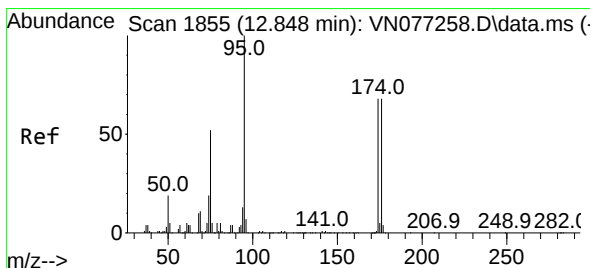
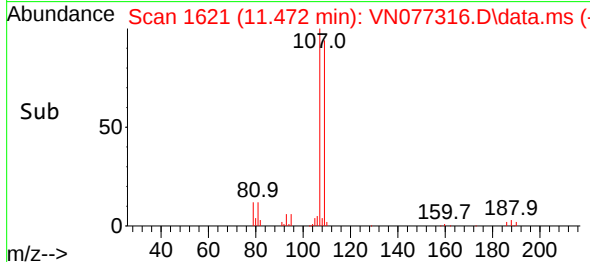
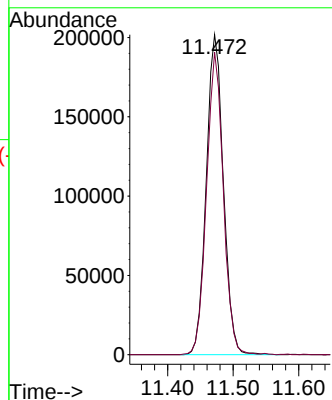
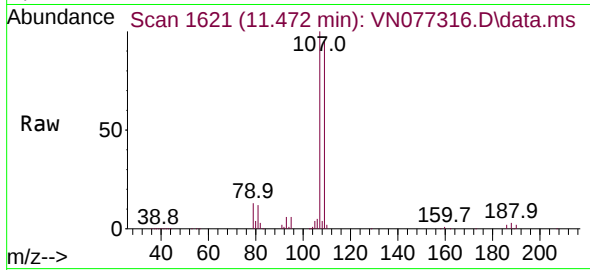
#61
1,2-Dibromoethane
Concen: 48.378 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 36636
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

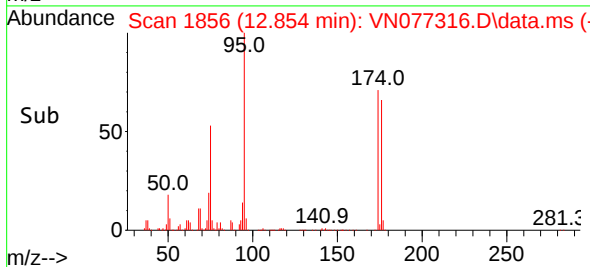
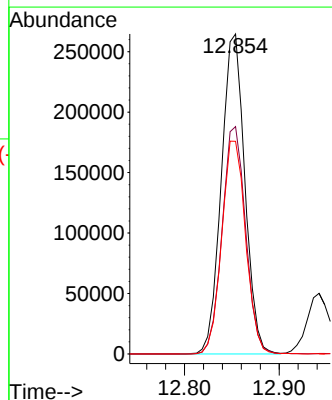
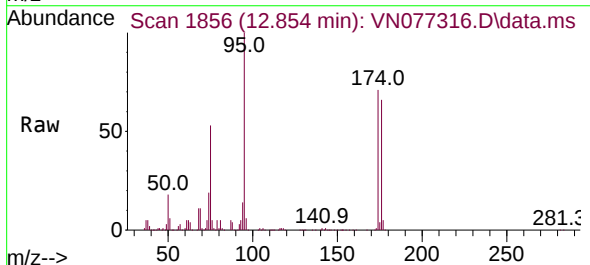
Manual Integrations
APPROVED

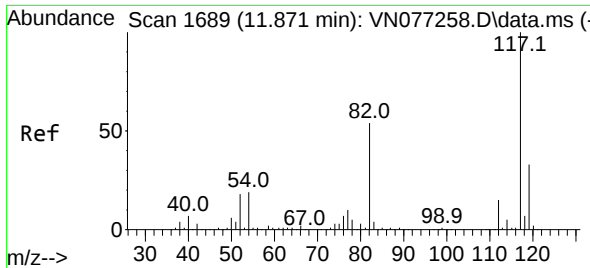
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#62
4-Bromofluorobenzene
Concen: 53.258 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

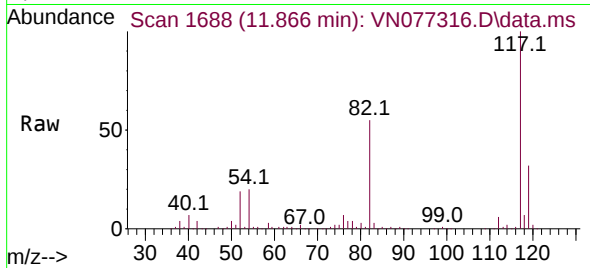
Tgt Ion: 95 Resp: 456435
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.8
176 68.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117725
Delta R.T. -0.005 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

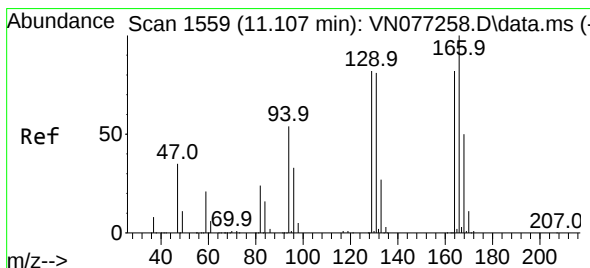
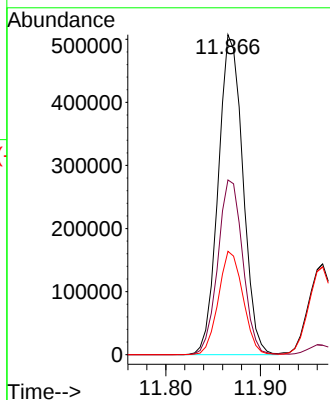
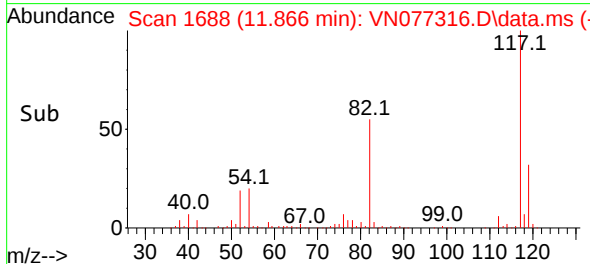
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 917725
Ion Ratio Lower Upper
117 100
82 54.6 42.9 64.3
119 32.3 26.2 39.4

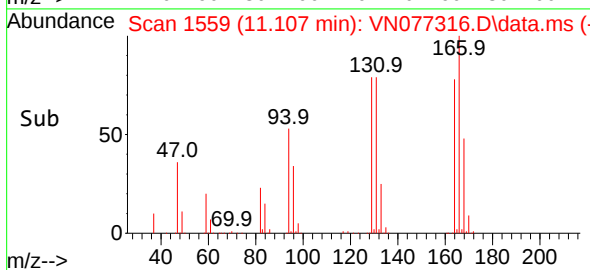
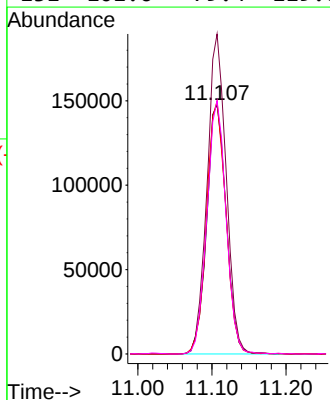
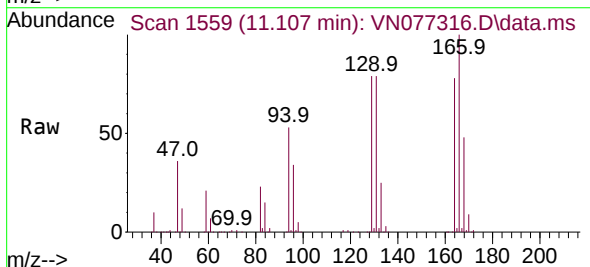
Manual Integrations
APPROVED

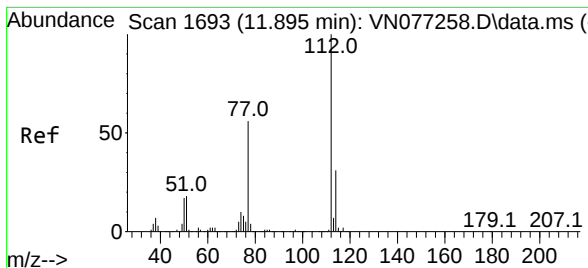
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
Tetrachloroethene
Concen: 47.510 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:164 Resp: 269347
Ion Ratio Lower Upper
164 100
166 128.4 97.8 146.6
129 101.5 80.1 120.1
131 101.6 79.4 119.0





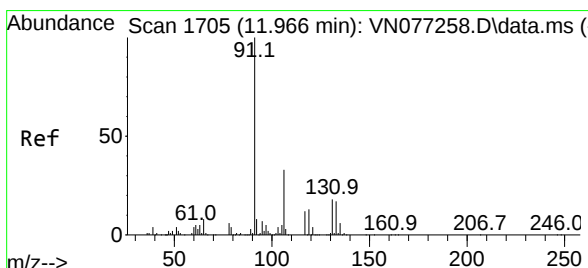
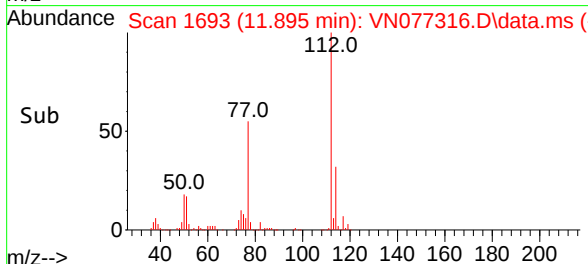
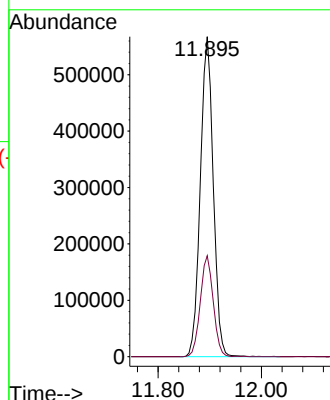
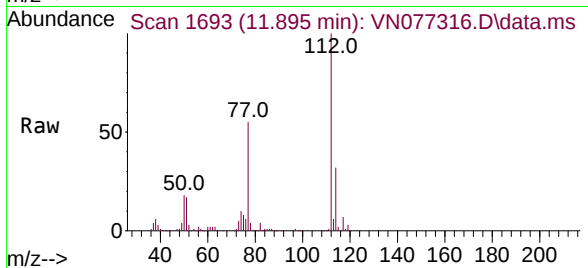
#65
Chlorobenzene
Concen: 48.755 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 98507
Ion Ratio Lower Upper
112 100
114 31.5 24.6 36.8

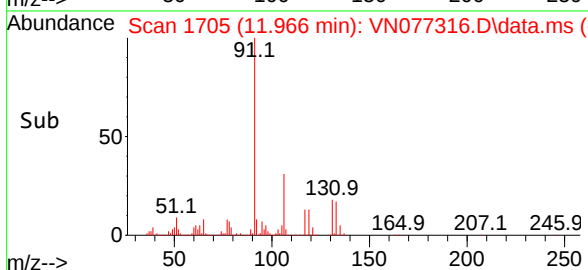
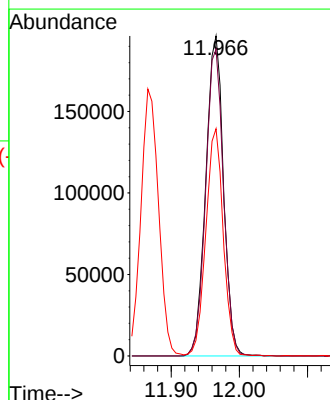
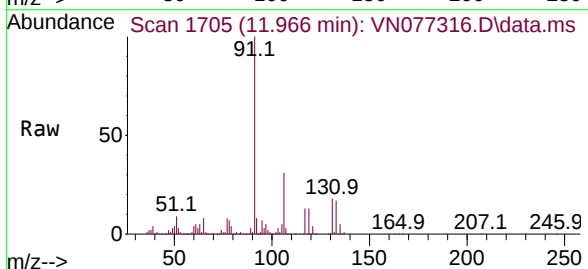
Manual Integrations
APPROVED

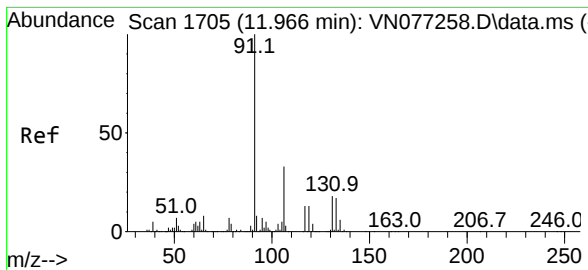
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.448 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

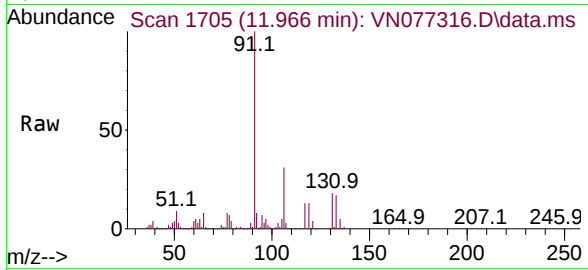
Tgt Ion:131 Resp: 355093
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.6
119 69.8 34.0 102.0





#67
Ethyl Benzene
Concen: 49.200 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

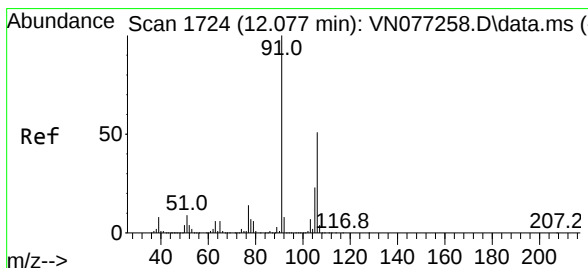
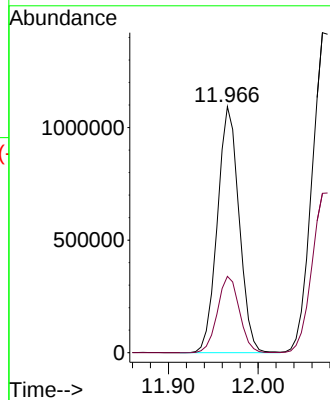
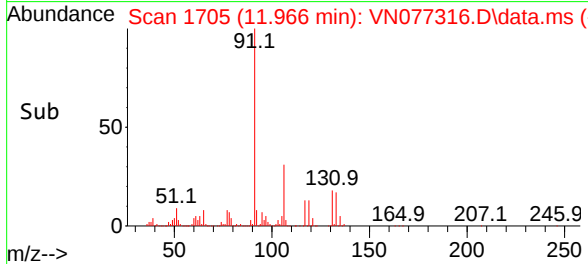
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



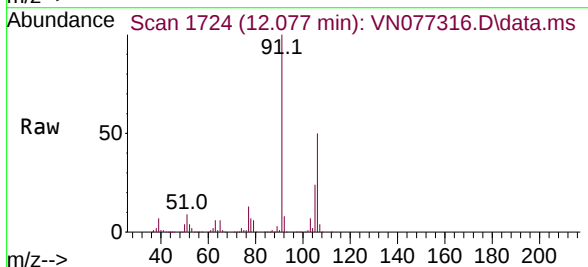
Tgt Ion: 91 Resp: 1834379
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.2

Manual Integrations
APPROVED

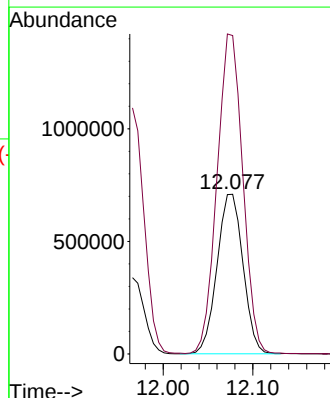
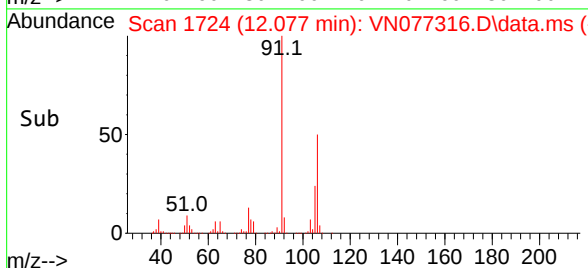
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

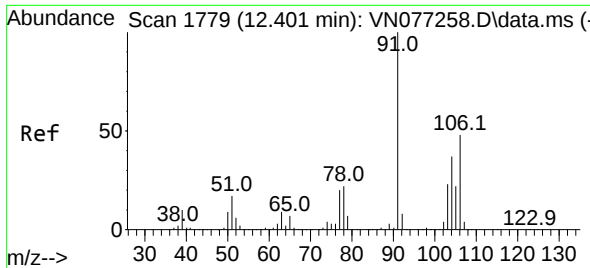


#68
m/p-Xylenes
Concen: 97.191 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion:106 Resp: 1423823
Ion Ratio Lower Upper
106 100
91 199.0 158.7 238.1





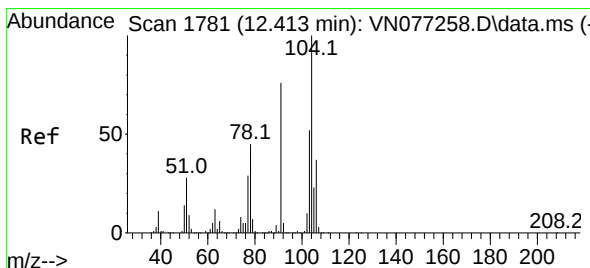
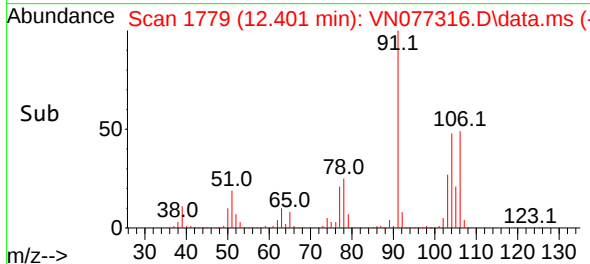
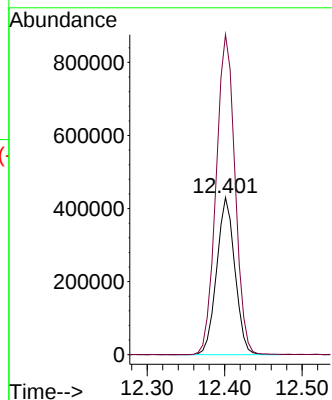
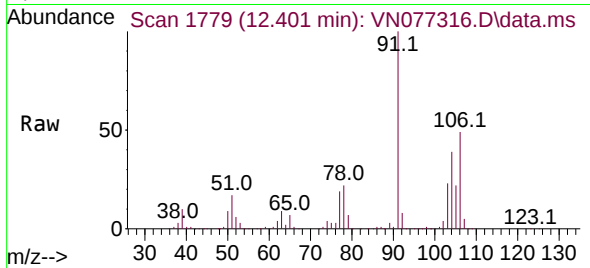
#69
o-Xylene
Concen: 48.716 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 70406
Ion Ratio Lower Upper
106 100
91 211.4 104.0 312.0

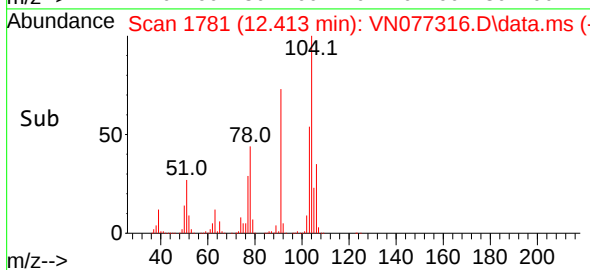
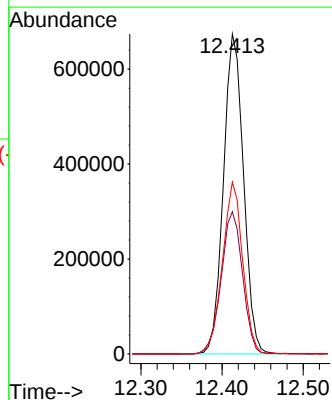
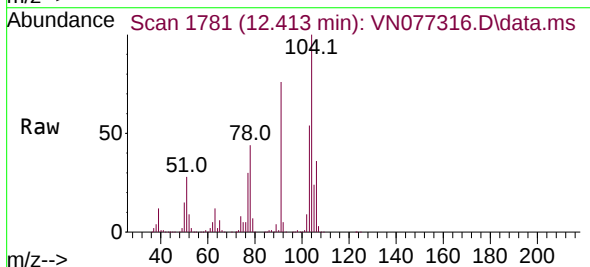
Manual Integrations
APPROVED

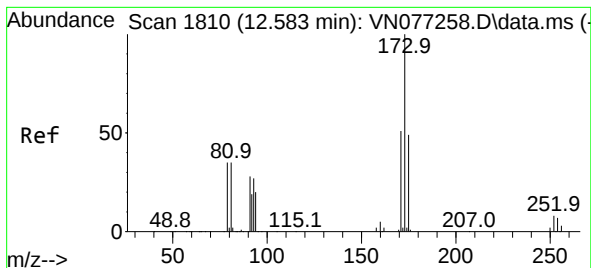
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
Styrene
Concen: 49.853 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:104 Resp: 1159439
Ion Ratio Lower Upper
104 100
78 47.3 38.0 57.0
103 54.4 43.1 64.7





#71

Bromoform

Concen: 47.991 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 25826

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

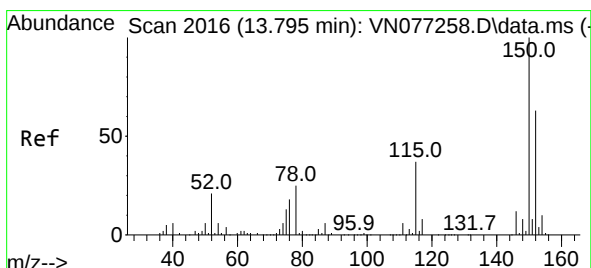
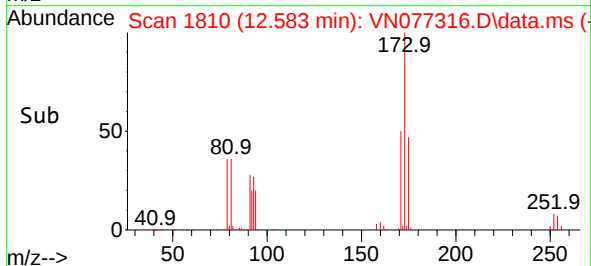
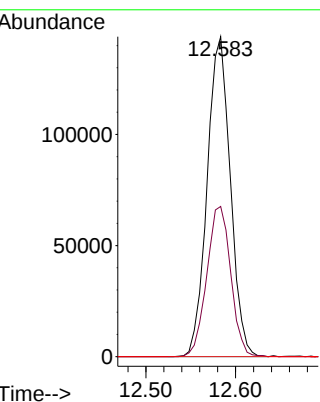
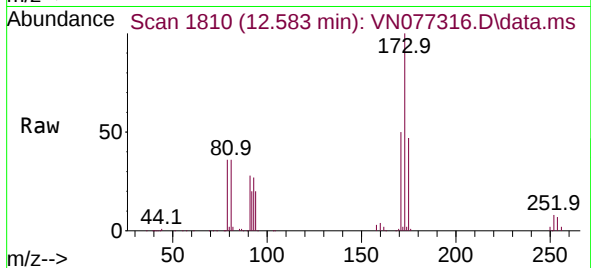
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

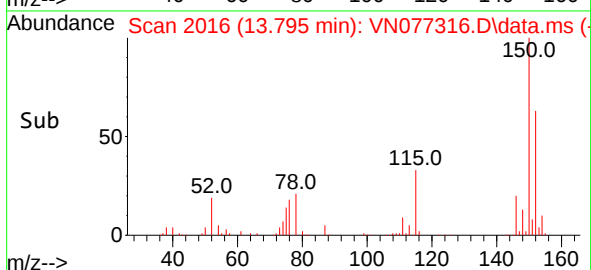
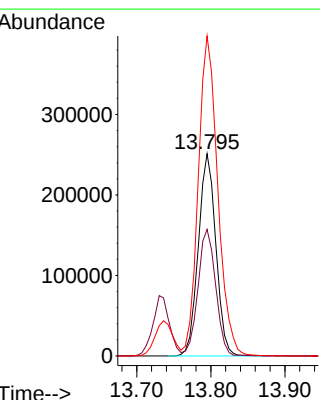
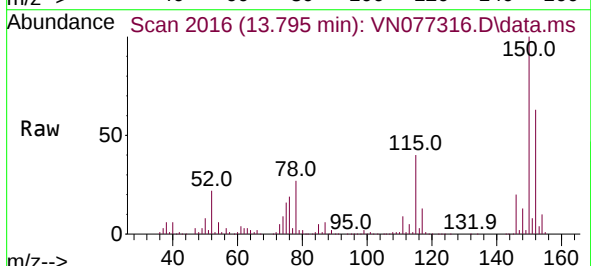
Tgt Ion:152 Resp: 413110

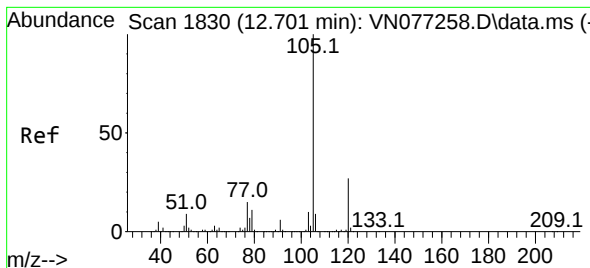
Ion Ratio Lower Upper

152 100

115 63.2 32.1 96.3

150 175.6 0.0 354.8





#73

Isopropylbenzene

Concen: 46.111 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1850190

Ion Ratio Lower Upper

105 100

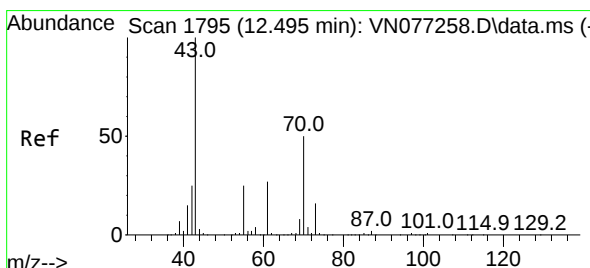
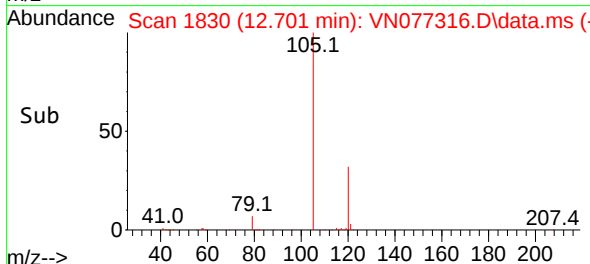
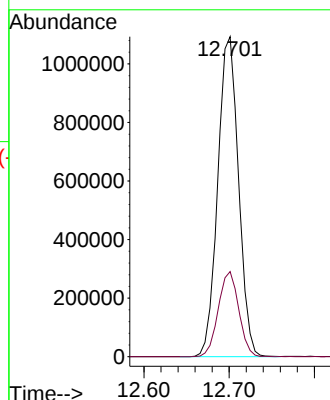
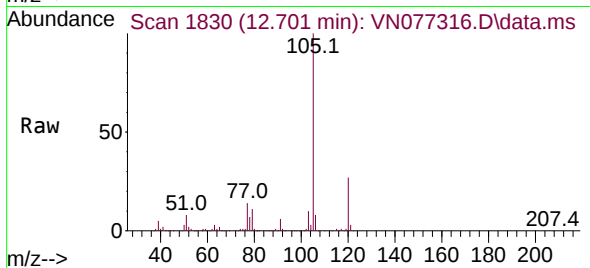
120 26.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

N-ethyl acetate

Concen: 39.453 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Tgt Ion: 43 Resp: 599922

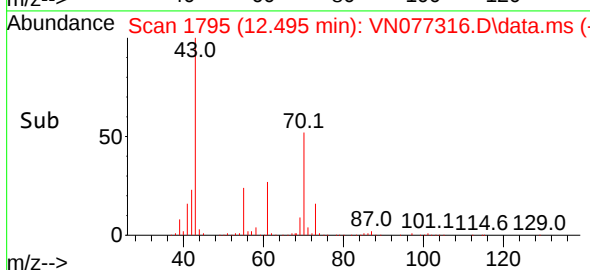
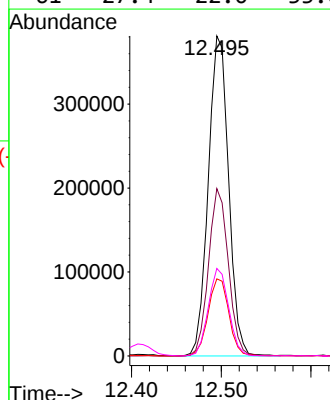
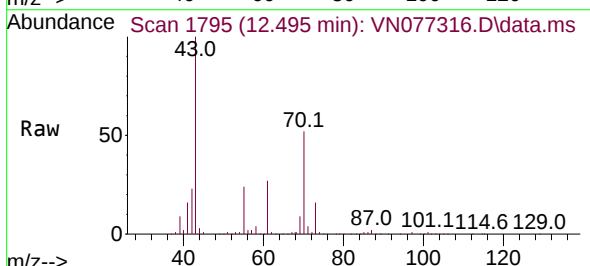
Ion Ratio Lower Upper

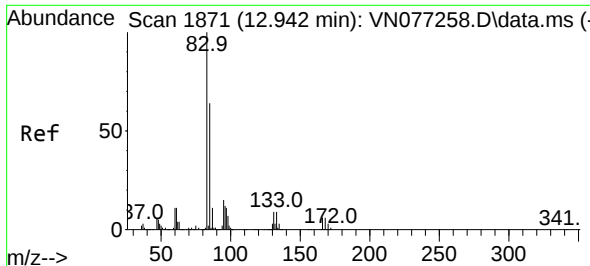
43 100

70 51.2 41.0 61.6

55 24.8 19.3 28.9

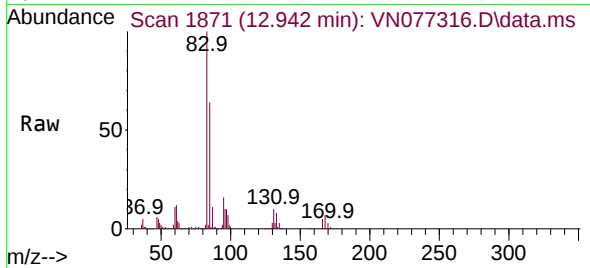
61 27.4 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.209 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

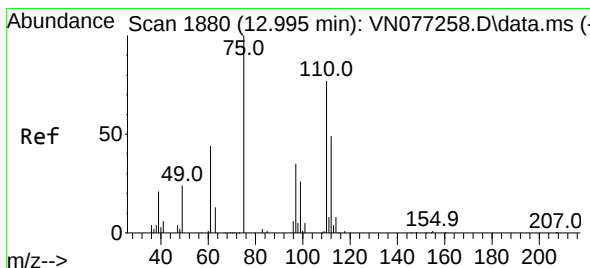
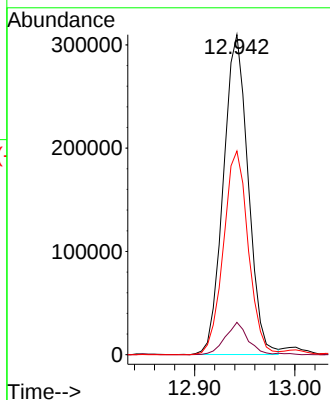
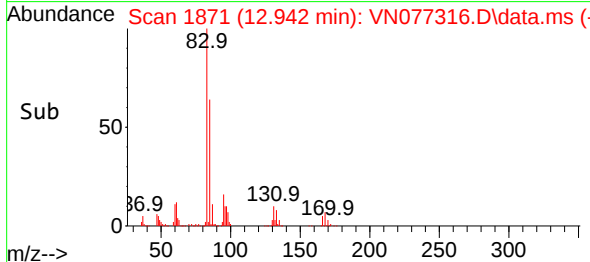
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



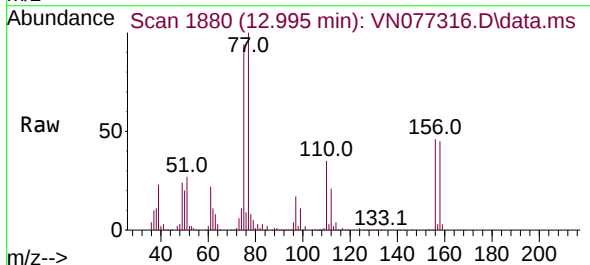
Tgt Ion: 83 Resp: 531499
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 63.9 32.1 96.3

Manual Integrations
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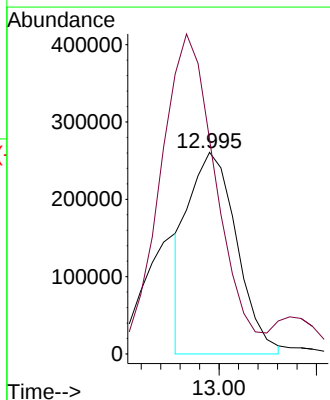
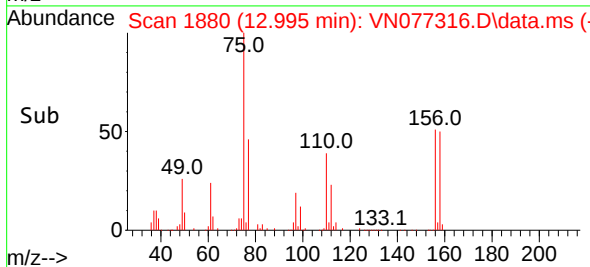
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

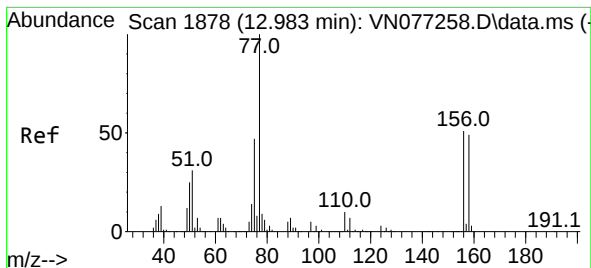


#76
1,2,3-Trichloropropane
Concen: 45.524 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion: 75 Resp: 447834
Ion Ratio Lower Upper
75 100
77 185.7 88.3 264.9





#77

Bromobenzene

Concen: 45.417 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 370549

Ion Ratio Lower Upper

156 100

77 224.4 115.3 345.8

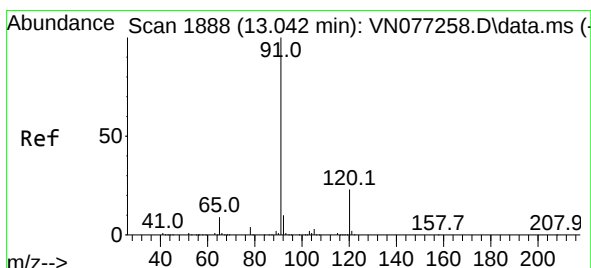
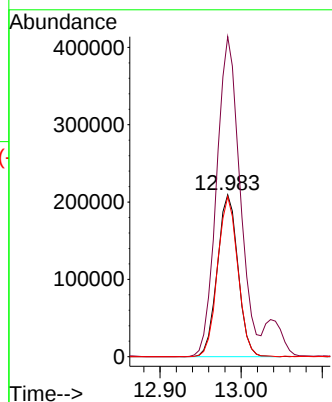
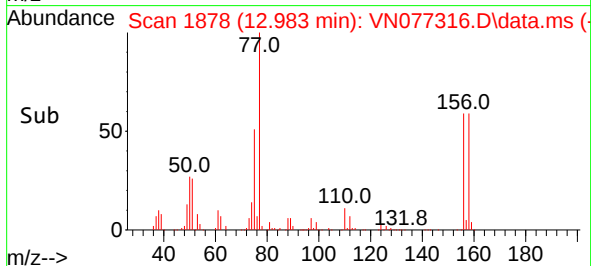
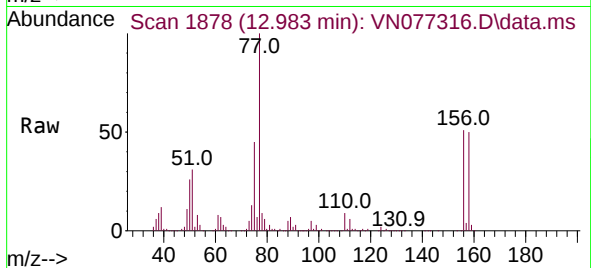
158 97.1 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#78

n-propylbenzene

Concen: 47.652 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077316.D

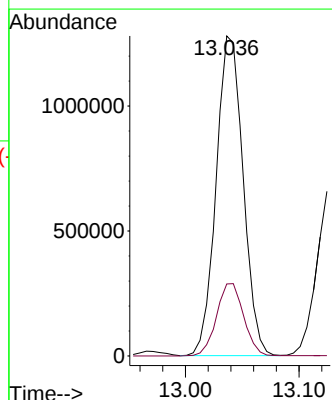
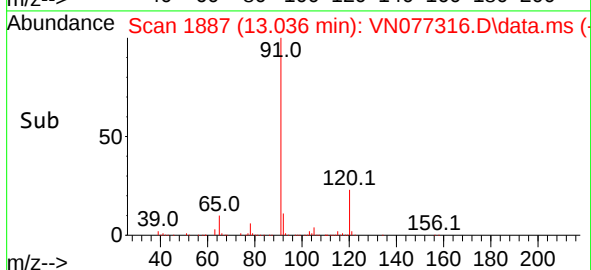
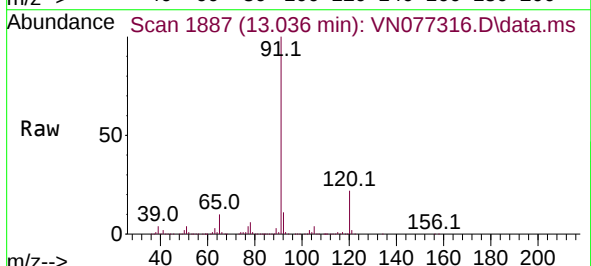
Acq: 13 Apr 2023 09:36

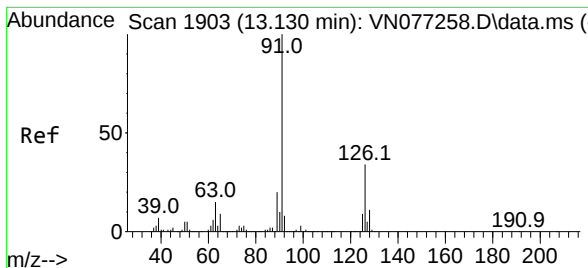
Tgt Ion: 91 Resp: 2112652

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





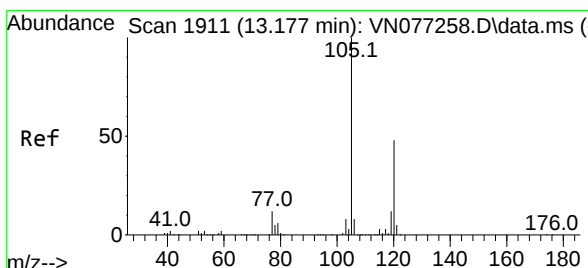
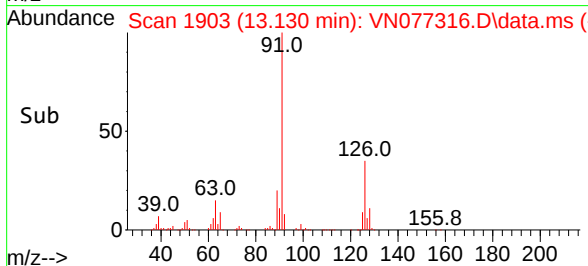
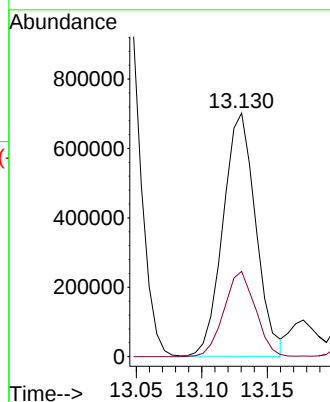
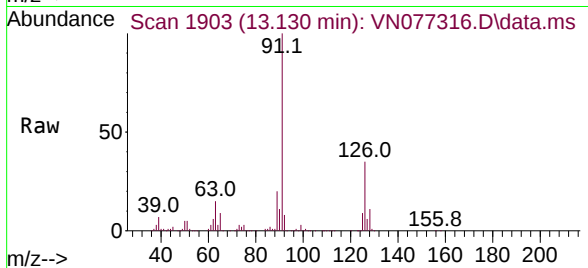
#79
2-Chlorotoluene
Concen: 45.618 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 121781
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4

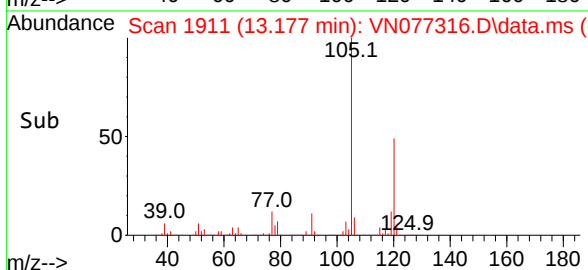
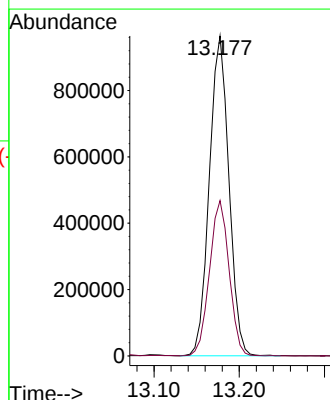
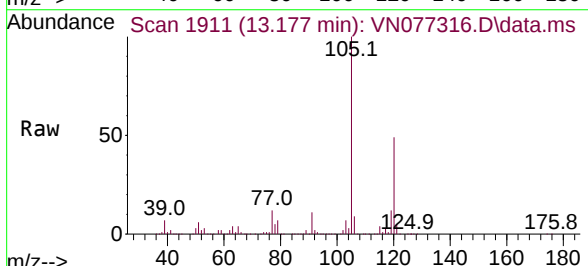
Manual Integrations
APPROVED

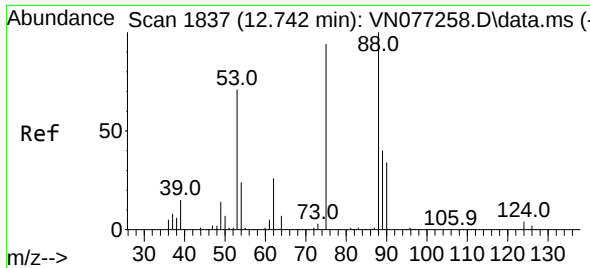
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.967 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:105 Resp: 1537253
Ion Ratio Lower Upper
105 100
120 48.5 24.3 73.0





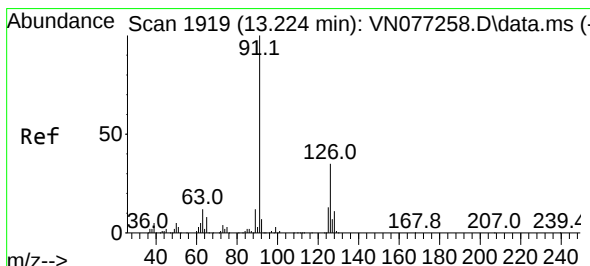
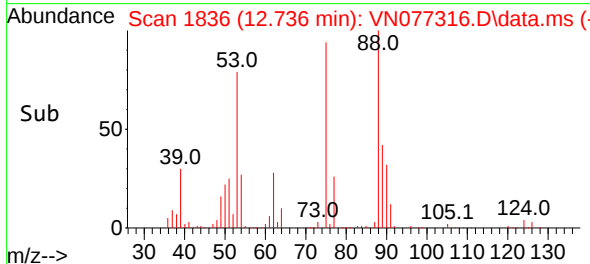
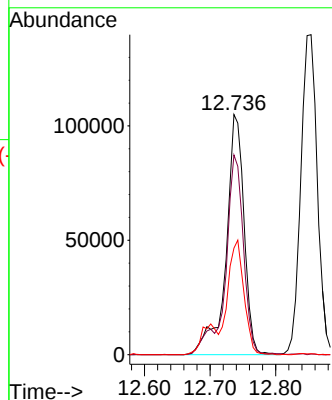
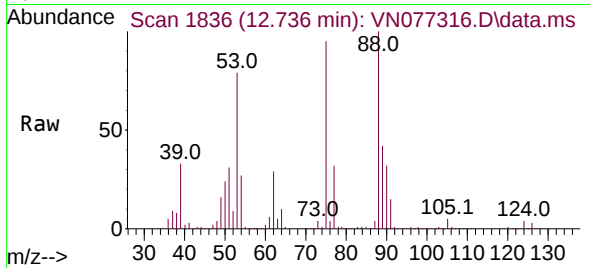
#81
trans-1,4-Dichloro-2-butene
Concen: 45.941 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 200831
Ion Ratio Lower Upper
75 100
53 82.6 72.8 109.2
89 42.4 37.4 56.2

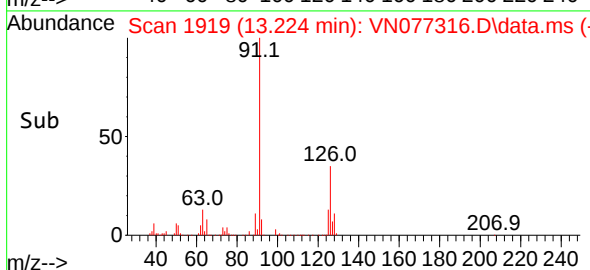
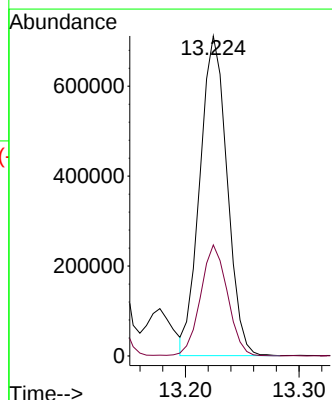
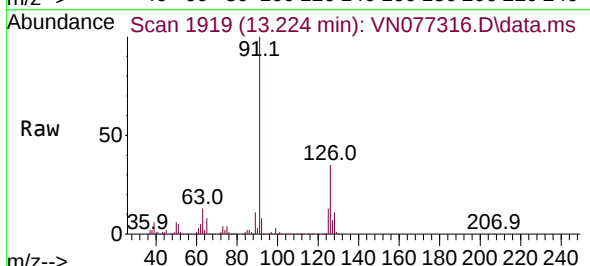
Manual Integrations
APPROVED

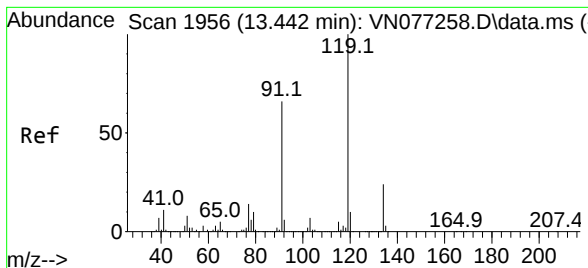
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 46.977 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

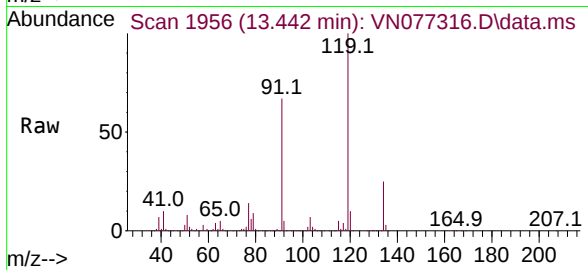
Tgt Ion: 91 Resp: 1182391
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 46.251 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

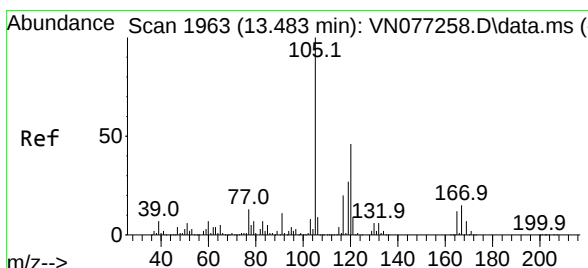
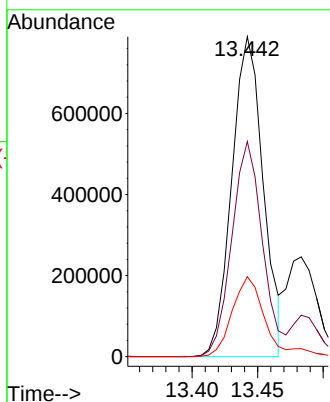
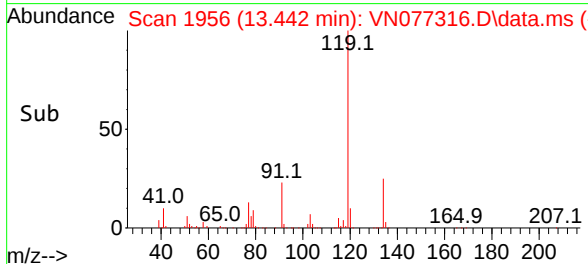
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



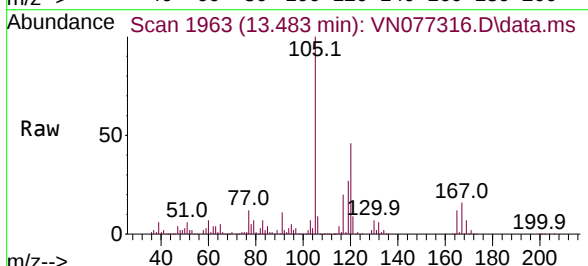
Tgt Ion:119 Resp: 1319352
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.4
134 26.4 13.3 39.9

Manual Integrations
APPROVED

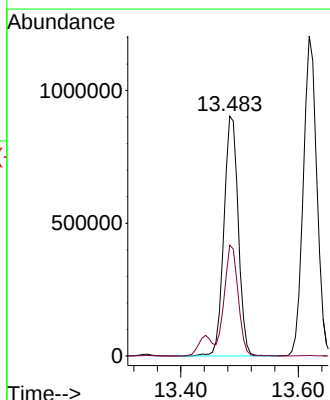
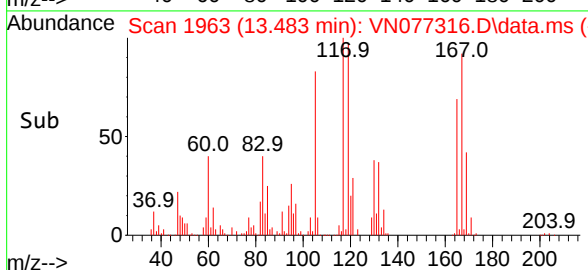
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

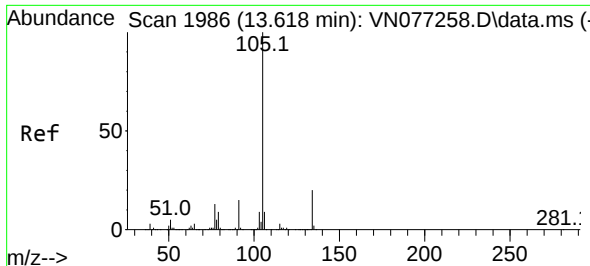


#84
1,2,4-Trimethylbenzene
Concen: 48.275 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



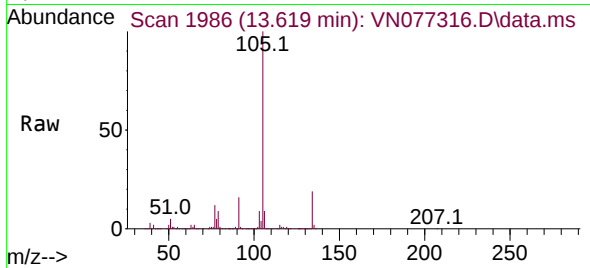
Tgt Ion:105 Resp: 1528468
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 48.476 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36

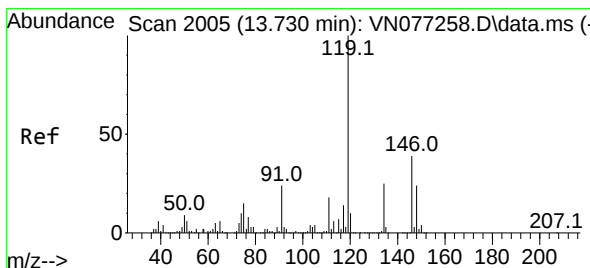
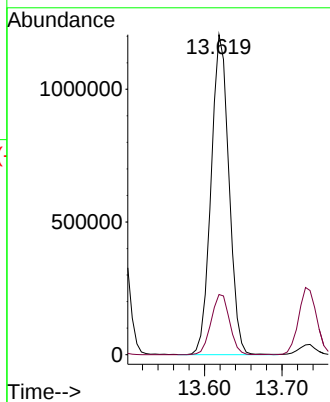
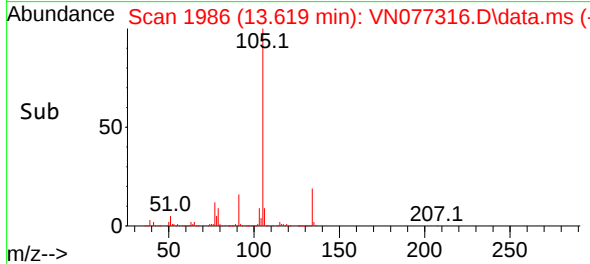
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



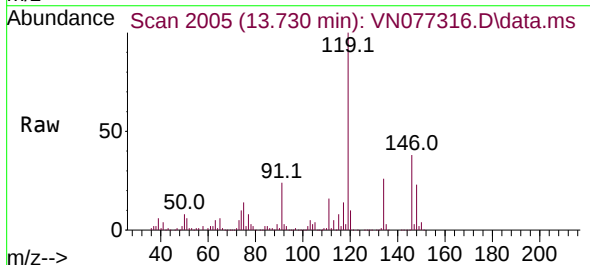
Tgt Ion:105 Resp: 192717
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

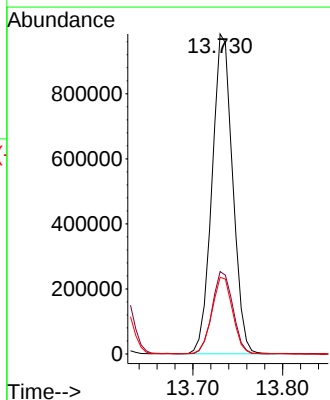
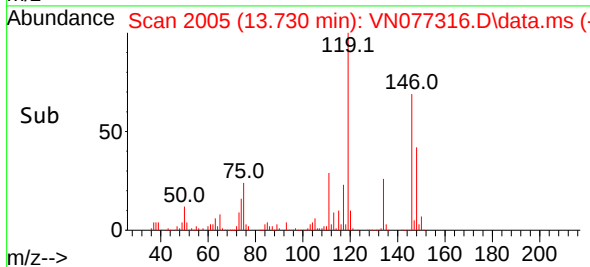
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

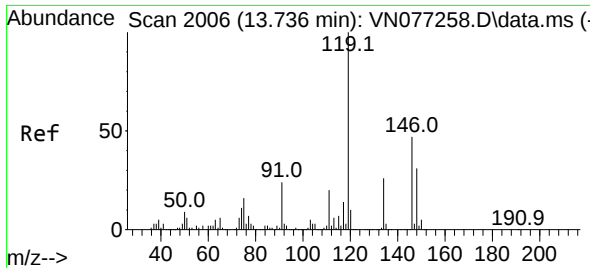


#86
 p-Isopropyltoluene
 Concen: 50.227 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077316.D
 Acq: 13 Apr 2023 09:36



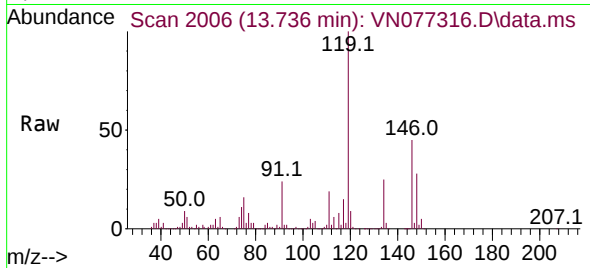
Tgt Ion:119 Resp: 1569293
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.9 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 48.308 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

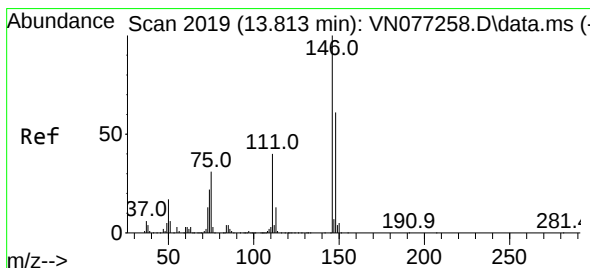
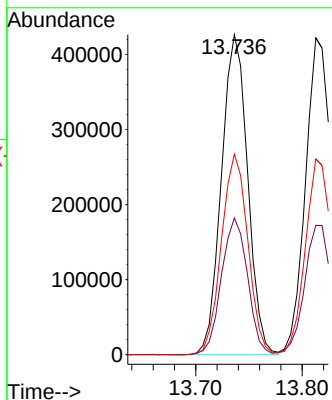
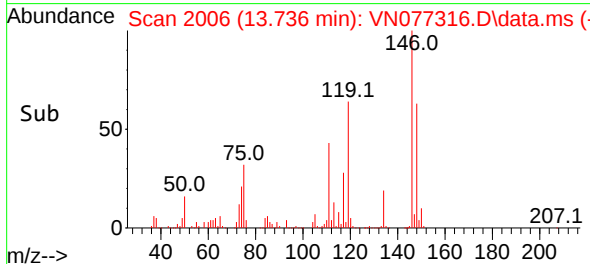
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



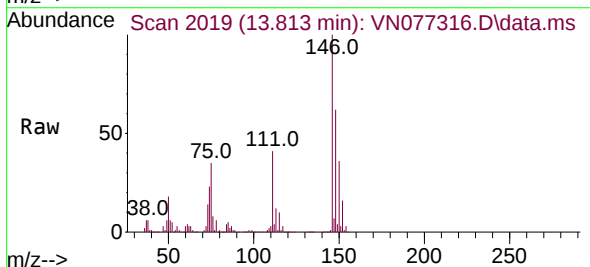
Tgt Ion:146 Resp: 729160
Ion Ratio Lower Upper
146 100
111 42.4 21.8 65.4
148 63.2 31.7 95.1

Manual Integrations
APPROVED

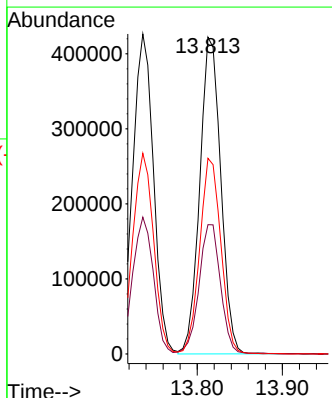
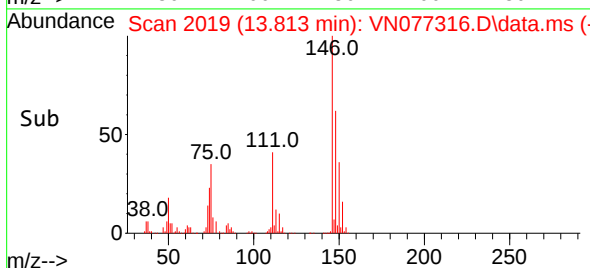
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

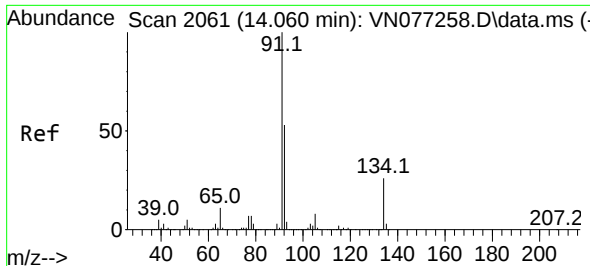


#88
1,4-Dichlorobenzene
Concen: 48.594 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



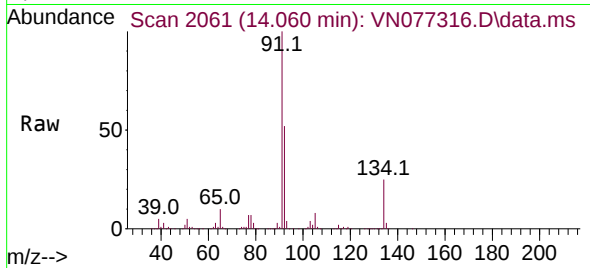
Tgt Ion:146 Resp: 723324
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.2
148 62.0 31.6 95.0





#89
n-Butylbenzene
Concen: 52.439 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

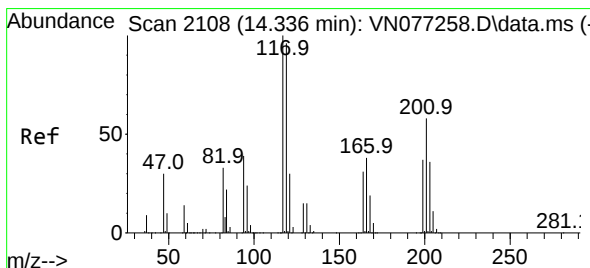
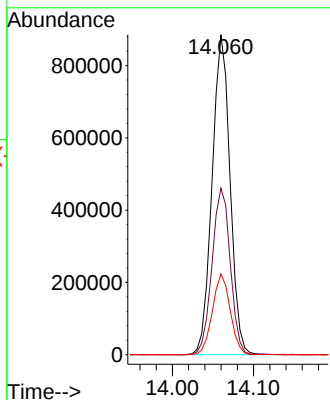
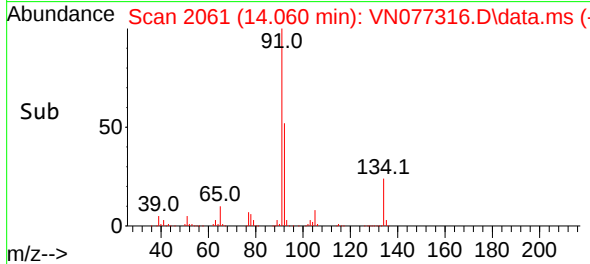
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 136015
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 25.0 12.8 38.3

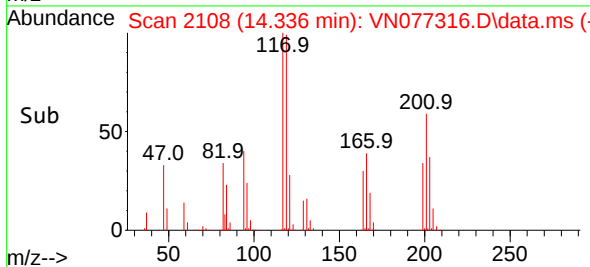
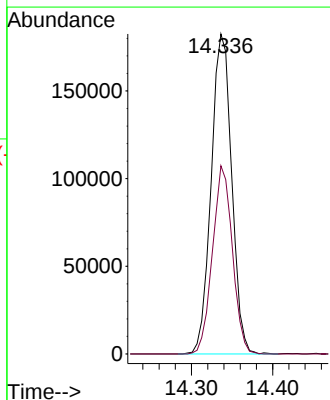
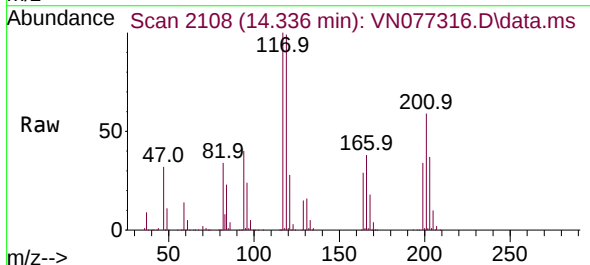
Manual Integrations
APPROVED

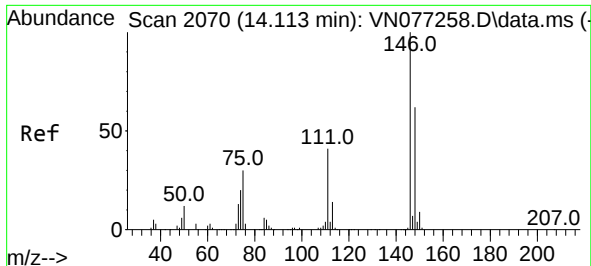
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#90
Hexachloroethane
Concen: 46.920 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Tgt Ion:117 Resp: 320534
Ion Ratio Lower Upper
117 100
201 57.0 29.8 89.5





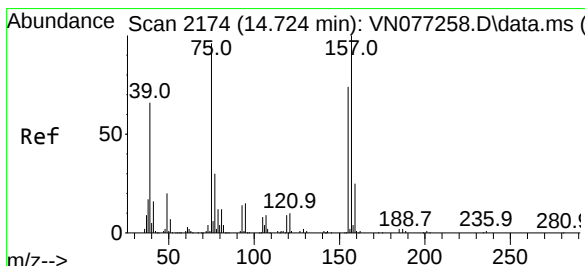
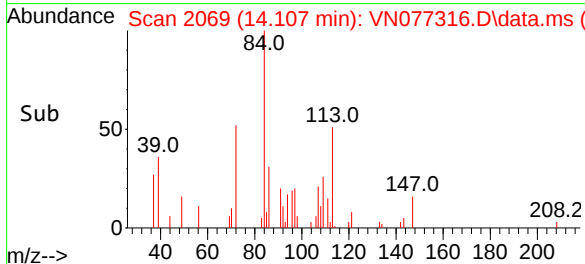
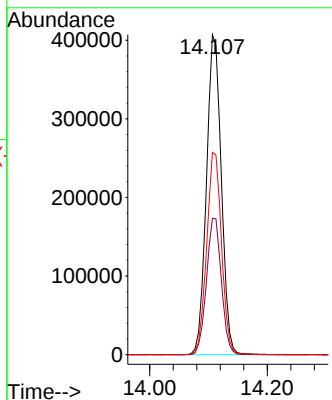
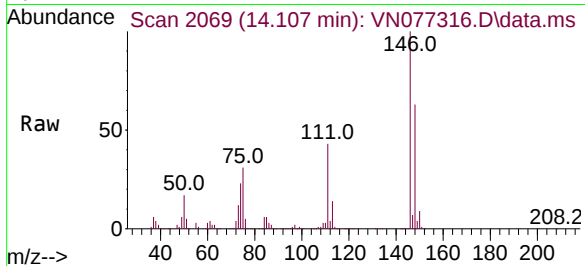
#91
1,2-Dichlorobenzene
Concen: 47.257 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 71357
Ion Ratio Lower Upper
146 100
111 42.7 21.9 65.5
148 63.2 31.9 95.5

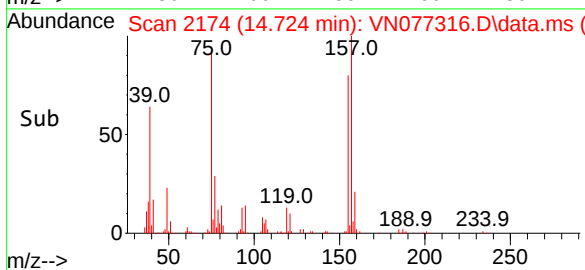
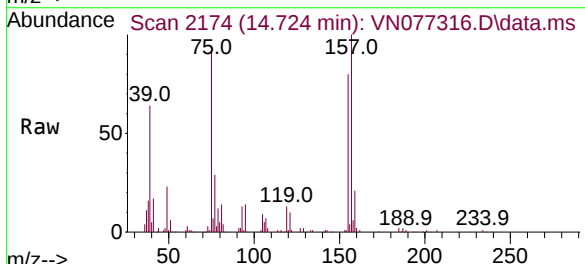
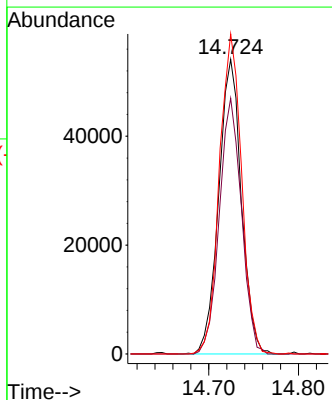
Manual Integrations
APPROVED

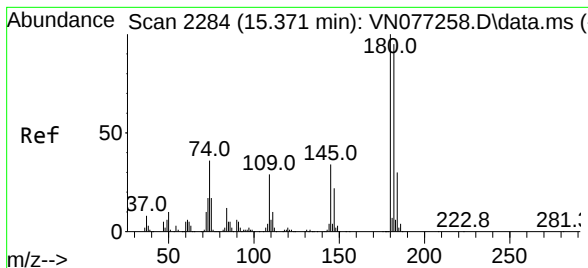
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.765 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

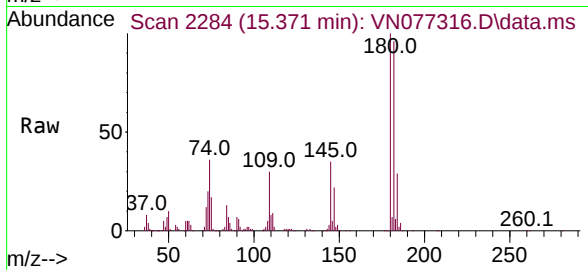
Tgt Ion: 75 Resp: 94895
Ion Ratio Lower Upper
75 100
155 84.5 41.0 123.2
157 105.9 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 54.152 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36

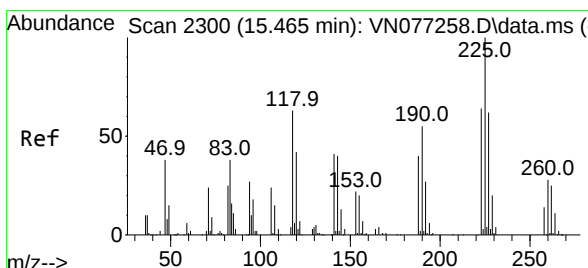
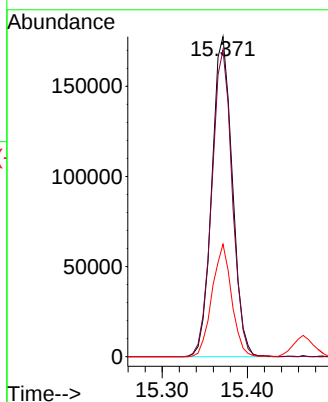
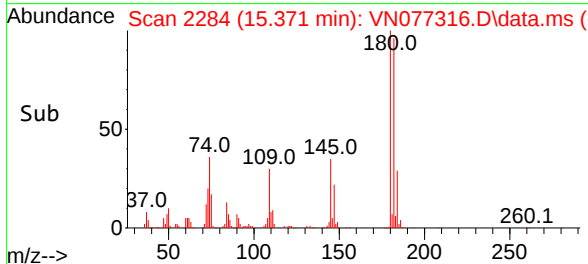
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



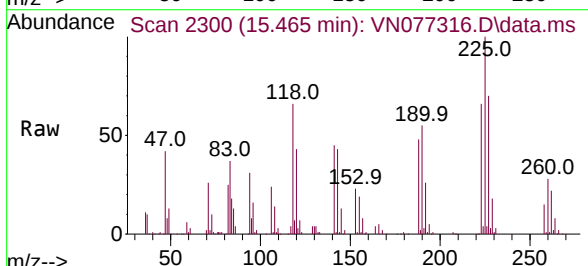
Tgt Ion:180 Resp: 29518
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.0
145 33.7 16.6 49.8

Manual Integrations
APPROVED

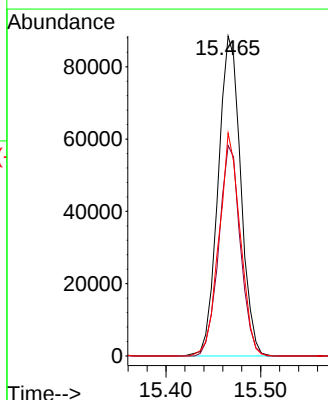
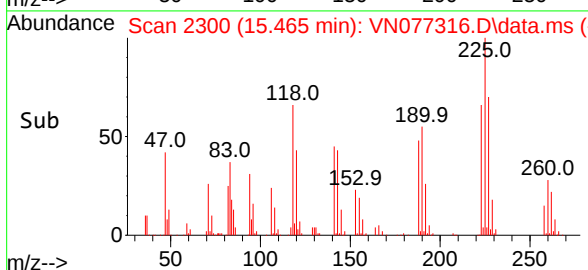
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

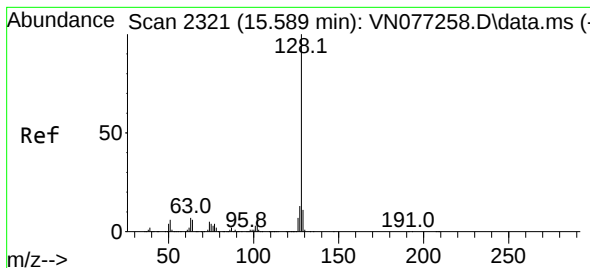


#94
Hexachlorobutadiene
Concen: 46.363 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077316.D
Acq: 13 Apr 2023 09:36



Tgt Ion:225 Resp: 146288
Ion Ratio Lower Upper
225 100
223 62.9 31.7 95.1
227 65.6 31.2 93.6





#95

Naphthalene

Concen: 51.395 ug/l

RT: 15.589 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 105240

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

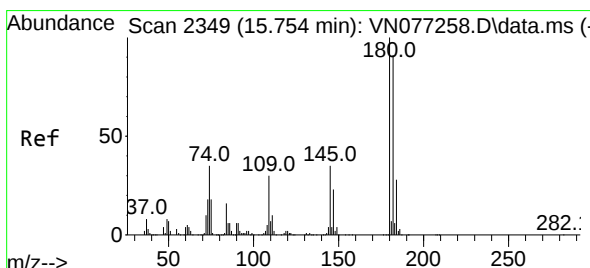
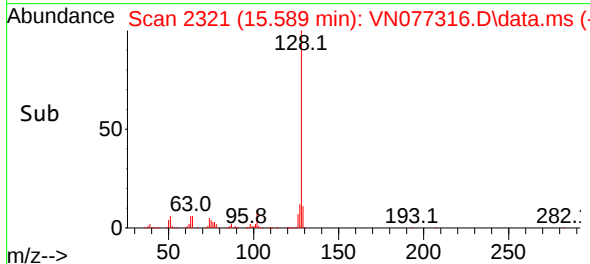
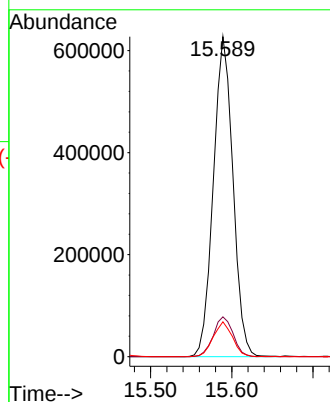
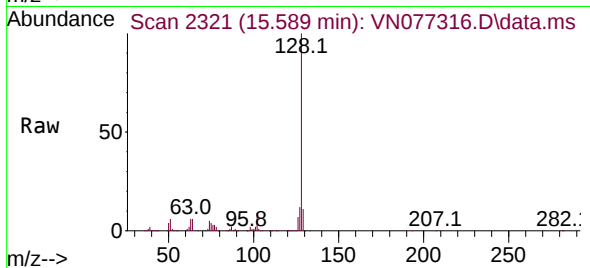
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.982 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077316.D

Acq: 13 Apr 2023 09:36

Tgt Ion:180 Resp: 271025

Ion Ratio Lower Upper

180 100

182 93.2 46.9 140.8

145 35.0 17.6 52.8

