

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077291.D
 Acq On : 11 Apr 2023 09:16
 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 12 04:34:52 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 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	562651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1071703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	998903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	445951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	361290	46.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.960%		
35) Dibromofluoromethane	8.172	113	325006	47.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	10.566	98	1337876	48.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.848	95	471857	51.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	305365	42.522	ug/l	99
3) Chloromethane	2.372	50	352609	39.621	ug/l	95
4) Vinyl Chloride	2.525	62	514040	42.602	ug/l	98
5) Bromomethane	2.948	94	353052	40.360	ug/l	96
6) Chloroethane	3.119	64	348107	40.425	ug/l	98
7) Trichlorofluoromethane	3.507	101	490625	46.894	ug/l	100
8) Diethyl Ether	3.966	74	199505	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	296281	46.272	ug/l	99
10) Methyl Iodide	4.601	142	364032	46.748	ug/l	97
11) Tert butyl alcohol	5.525	59	291304	185.646	ug/l	99
12) 1,1-Dichloroethene	4.342	96	298216	45.245	ug/l	93
13) Acrolein	4.184	56	291264	195.988	ug/l	97
14) Allyl chloride	5.031	41	398443	40.026	ug/l	94
15) Acrylonitrile	5.725	53	709287	204.465	ug/l	99
16) Acetone	4.431	43	693428	244.568	ug/l	99
17) Carbon Disulfide	4.725	76	807368	45.426	ug/l	100
18) Methyl Acetate	5.031	43	424112	39.275	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	1073448	45.899	ug/l	98
20) Methylene Chloride	5.284	84	342838	42.815	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	335613	46.506	ug/l	94
22) Diisopropyl ether	6.678	45	913738	45.784	ug/l	98
23) Vinyl Acetate	6.607	43	3016379	223.531	ug/l	99
24) 1,1-Dichloroethane	6.572	63	587798	45.610	ug/l	99
25) 2-Butanone	7.483	43	976288	212.161	ug/l	97
26) 2,2-Dichloropropane	7.495	77	579851	49.067	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	413253	46.893	ug/l	99
28) Bromochloromethane	7.813	49	255422	49.271	ug/l	97
29) Tetrahydrofuran	7.842	42	581476	196.574	ug/l	100
30) Chloroform	7.972	83	641189	46.655	ug/l	95
31) Cyclohexane	8.260	56	522129	43.696	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	587529	47.006	ug/l	98
36) 1,1-Dichloropropene	8.372	75	492236	48.510	ug/l	99
37) Ethyl Acetate	7.560	43	375969	41.412	ug/l	99
38) Carbon Tetrachloride	8.366	117	504284	48.508	ug/l	98
39) Methylcyclohexane	9.601	83	668453	48.855	ug/l	97
40) Benzene	8.607	78	1485285	46.928	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	197481	40.468	ug/l	97
42) 1,2-Dichloroethane	8.672	62	458155	47.034	ug/l	97
43) Isopropyl Acetate	8.689	43	694071	41.431	ug/l	99
44) Trichloroethene	9.354	130	369392	48.778	ug/l	95
45) 1,2-Dichloropropane	9.624	63	363950	48.419	ug/l	95
46) Dibromomethane	9.707	93	262006	46.264	ug/l	99
47) Bromodichloromethane	9.889	83	530564	46.871	ug/l	99
48) Methyl methacrylate	9.683	41	311986	43.657	ug/l	98
49) 1,4-Dioxane	9.695	88	137273	792.296	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	2025764	209.204	ug/l	99
52) Toluene	10.630	92	1012539	48.877	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	607903	49.455	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	639426	48.837	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	374725	46.080	ug/l	96
56) Ethyl methacrylate	10.871	69	588377	46.452	ug/l	97
57) 1,3-Dichloropropane	11.166	76	631044	46.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	877441	232.712	ug/l	99
59) 2-Hexanone	11.195	43	1543974	214.026	ug/l	100
60) Dibromochloromethane	11.360	129	422233	50.414	ug/l	100
61) 1,2-Dibromoethane	11.471	107	390961	48.167	ug/l	100
64) Tetrachloroethene	11.107	164	306639	49.692	ug/l	97
65) Chlorobenzene	11.895	112	1068356	48.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	383578	46.097	ug/l	99
67) Ethyl Benzene	11.965	91	1962349	48.355	ug/l	97
68) m/p-Xylenes	12.071	106	1552324	97.351	ug/l	100
69) o-Xylene	12.401	106	765765	48.679	ug/l	99
70) Styrene	12.413	104	1242426	49.080	ug/l	98
71) Bromoform	12.577	173	278931	47.619	ug/l #	99
73) Isopropylbenzene	12.695	105	1987934	45.895	ug/l	100
74) N-amyl acetate	12.495	43	643396	39.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	562588	41.387	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	404531m	38.094	ug/l	
77) Bromobenzene	12.983	156	401736	45.614	ug/l	95
78) n-propylbenzene	13.036	91	2290251	47.854	ug/l	99
79) 2-Chlorotoluene	13.124	91	1316548	45.685	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1661278	48.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	220980	46.828	ug/l	90
82) 4-Chlorotoluene	13.224	91	1289663	47.465	ug/l	100
83) tert-Butylbenzene	13.442	119	1398578	45.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1635594	47.854	ug/l	99
85) sec-Butylbenzene	13.618	105	2080692	48.483	ug/l	99
86) p-Isopropyltoluene	13.730	119	1700841	50.428	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	776959	47.684	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	769136	47.867	ug/l	99
89) n-Butylbenzene	14.059	91	1481914	52.926	ug/l	99
90) Hexachloroethane	14.336	117	341075	46.250	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	765180	46.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99803	38.741	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	332026	56.426	ug/l	99
94) Hexachlorobutadiene	15.465	225	163431	47.982	ug/l	99
95) Naphthalene	15.589	128	1155068	52.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	305823	54.336	ug/l	99

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MSVOA_N
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VSTDCCC050

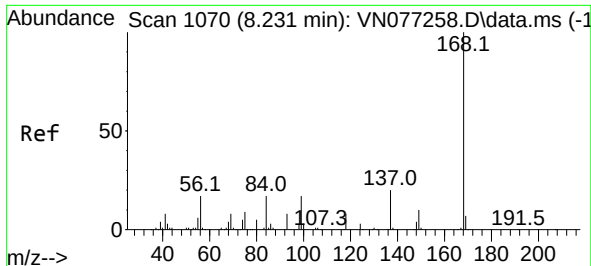
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 04:34:52 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

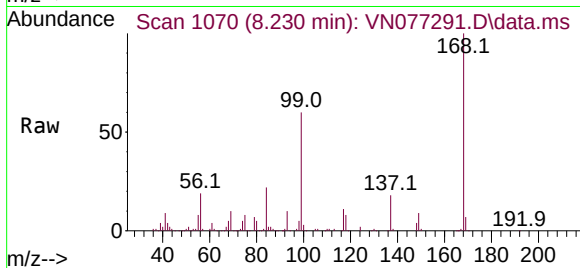
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
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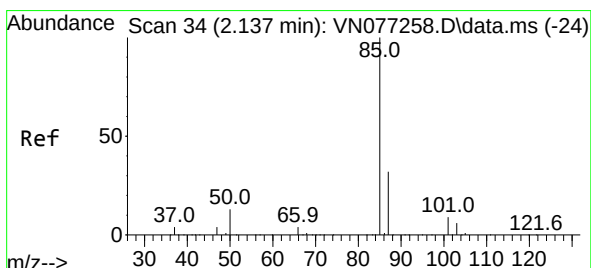
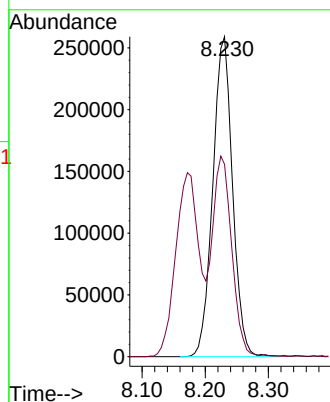
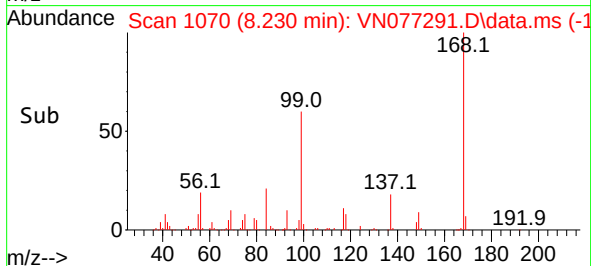
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 56265
Ion Ratio Lower Upper
168 100
99 60.0 50.6 75.8

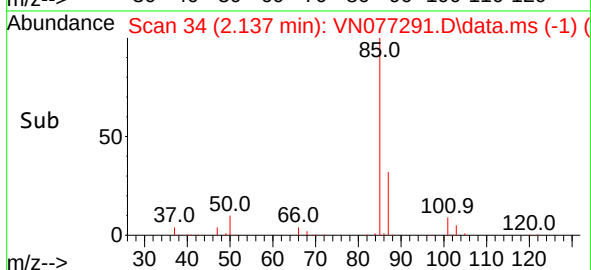
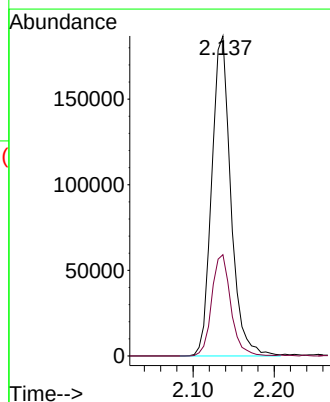
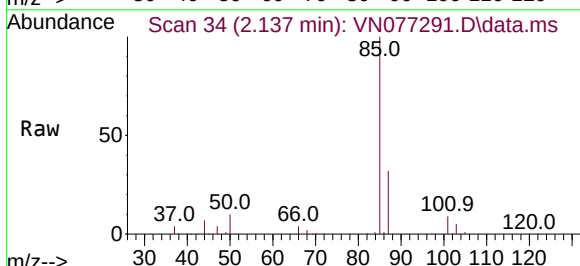
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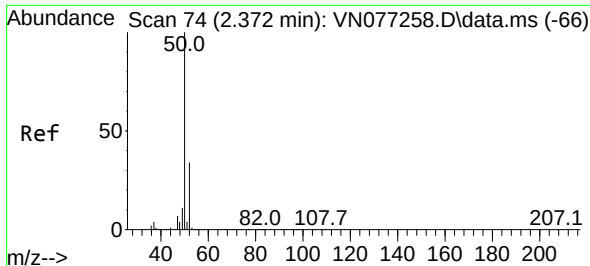
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#2
Dichlorodifluoromethane
Concen: 42.522 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

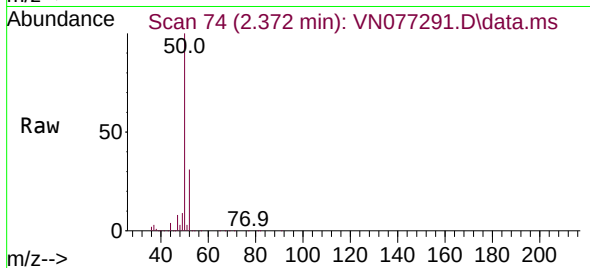
Tgt Ion: 85 Resp: 305365
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





#3
Chloromethane
Concen: 39.621 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

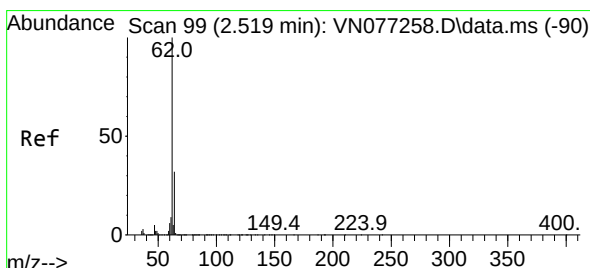
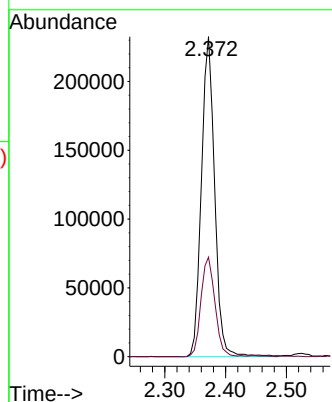
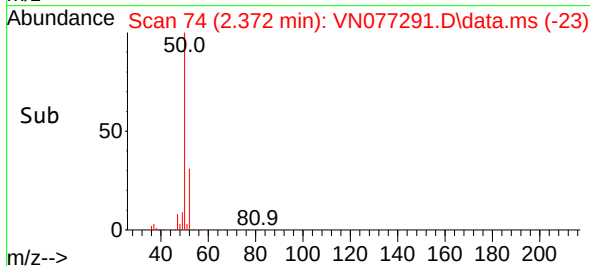
Instrument :
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VSTDCCC050



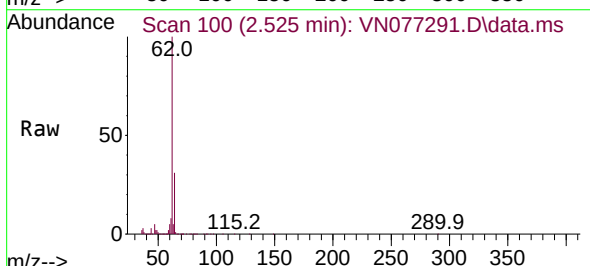
Tgt Ion: 50 Resp: 352609
Ion Ratio Lower Upper
50 100
52 31.1 27.3 40.9

Manual Integrations
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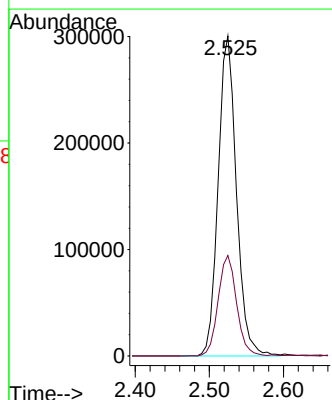
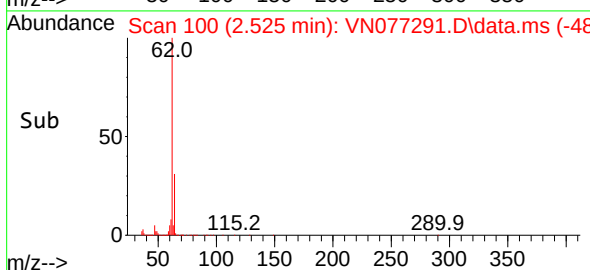
Reviewed By :John Carlone 04/12/2023
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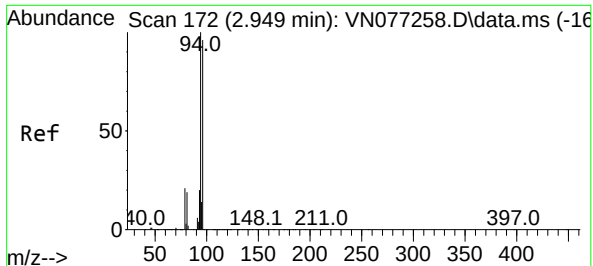


#4
Vinyl Chloride
Concen: 42.602 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



Tgt Ion: 62 Resp: 514040
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8





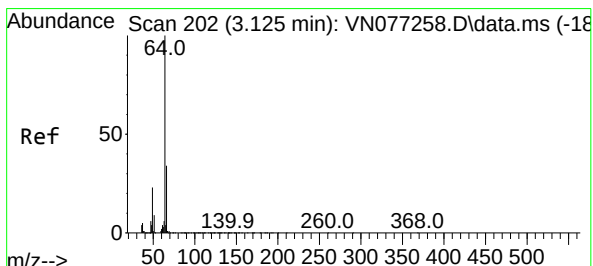
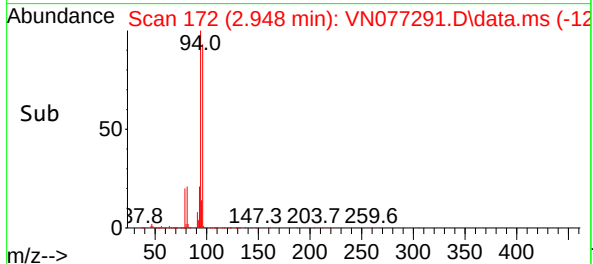
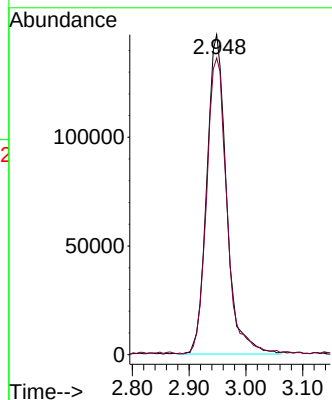
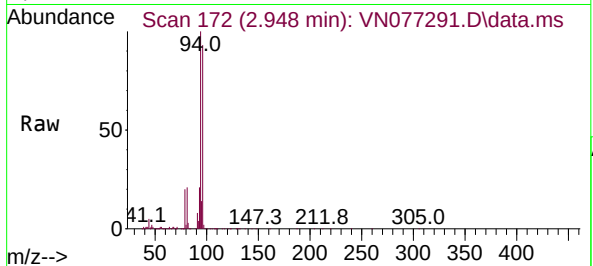
#5
Bromomethane
Concen: 40.360 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077291.D
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Tgt Ion: 94 Resp: 353052
Ion Ratio Lower Upper
94 100
96 92.4 77.0 115.4

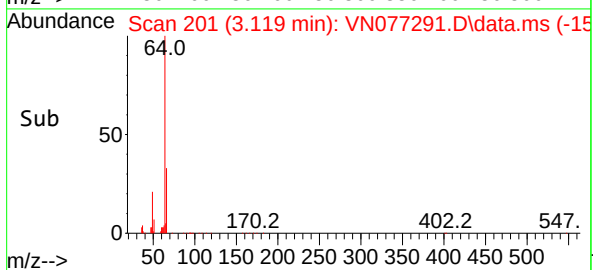
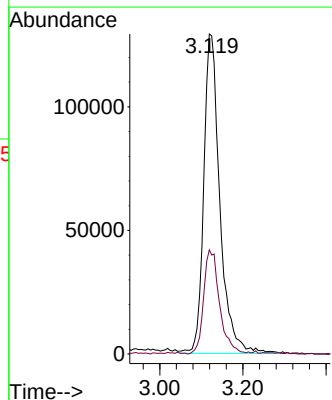
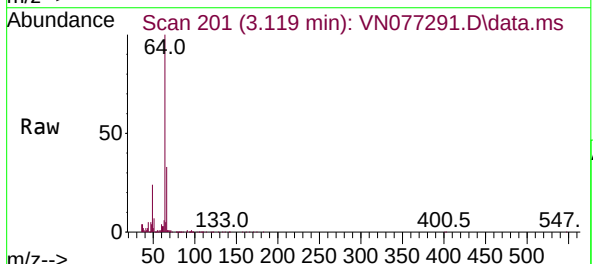
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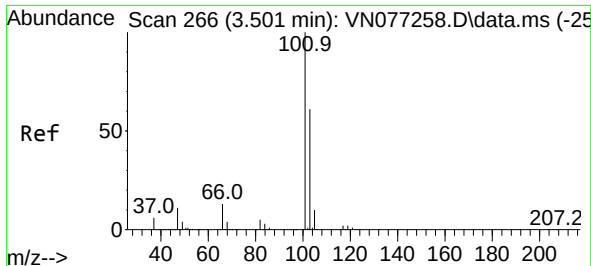
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#6
Chloroethane
Concen: 40.425 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 64 Resp: 348107
Ion Ratio Lower Upper
64 100
66 32.3 26.9 40.3





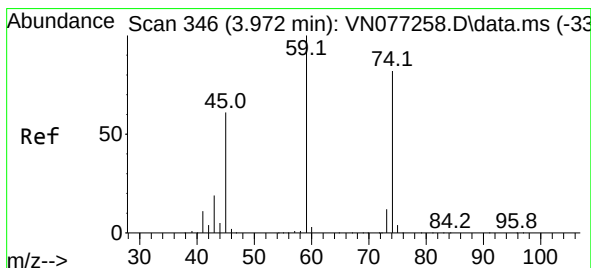
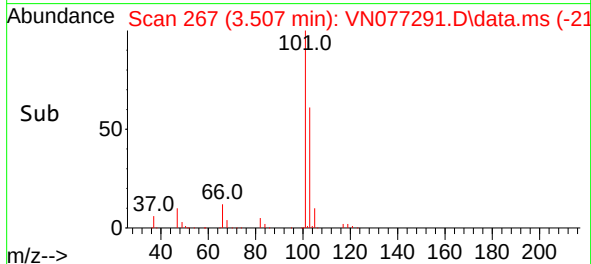
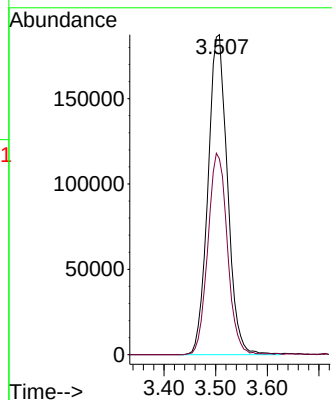
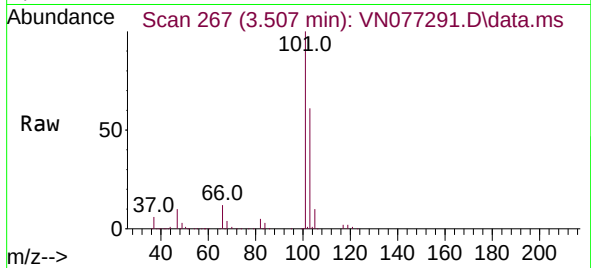
#7
Trichlorofluoromethane
Concen: 46.894 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 490625
Ion Ratio Lower Upper
101 100
103 61.2 49.0 73.4

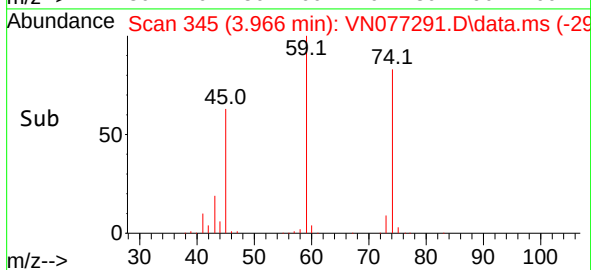
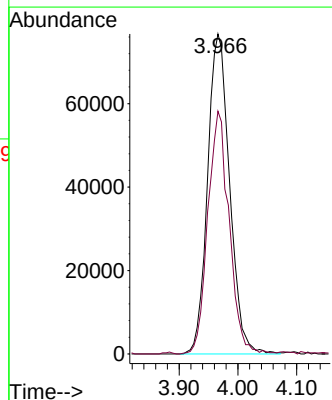
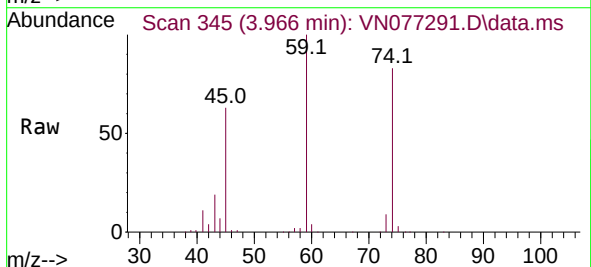
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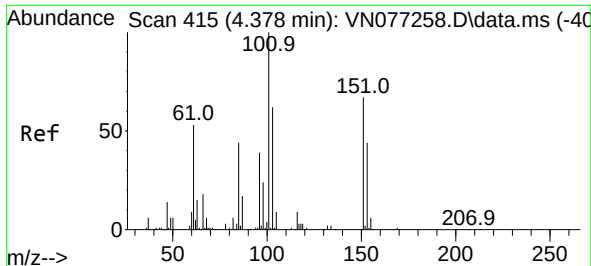
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#8
Diethyl Ether
Concen: 45.505 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 74 Resp: 199505
Ion Ratio Lower Upper
74 100
45 73.5 37.8 113.4





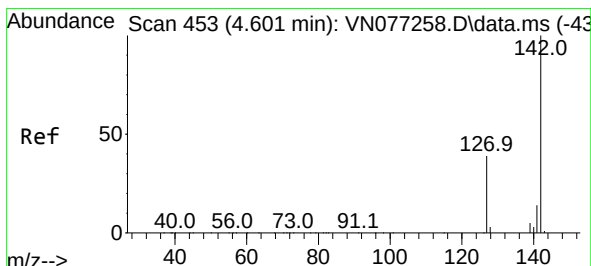
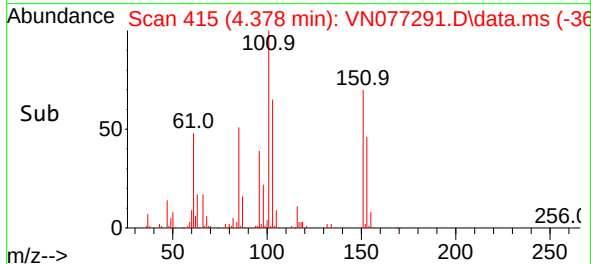
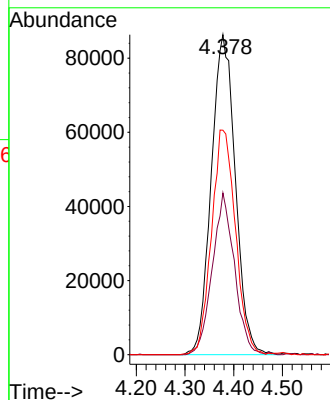
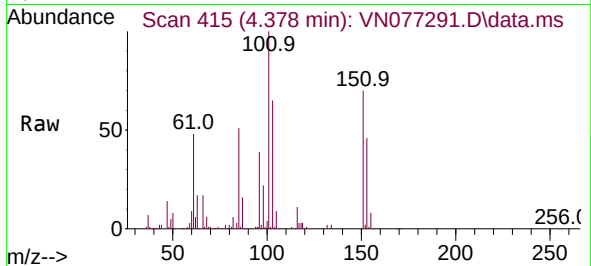
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.272 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 29628
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 69.9 56.3 84.5

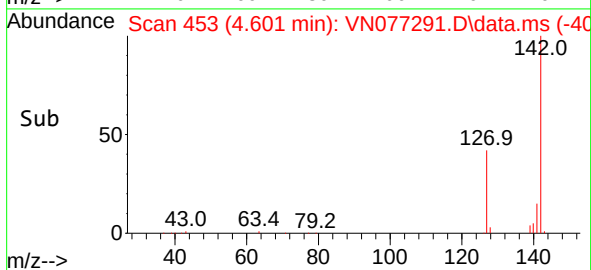
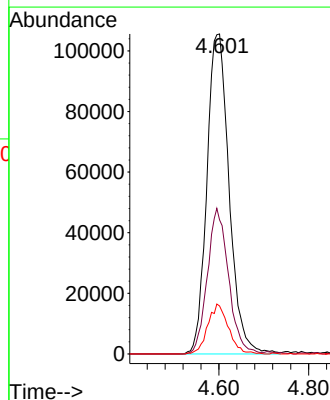
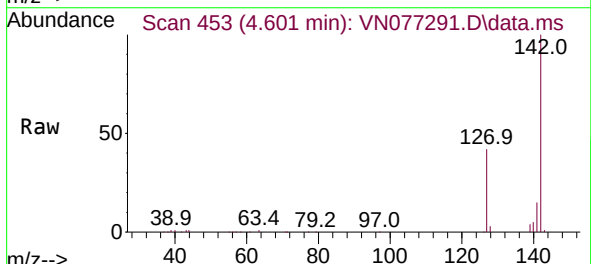
Manual Integrations
APPROVED

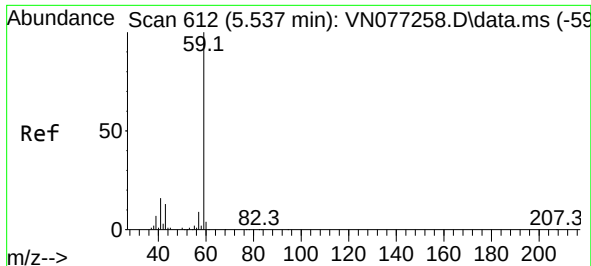
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#10
Methyl Iodide
Concen: 46.748 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

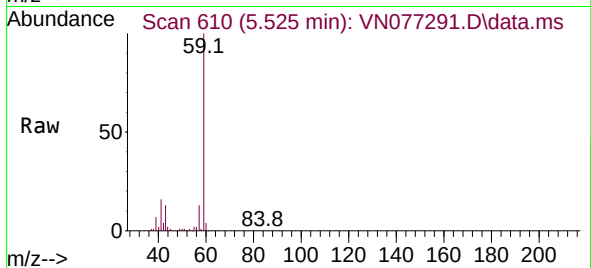
Tgt Ion:142 Resp: 364032
Ion Ratio Lower Upper
142 100
127 41.9 31.5 47.3
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 185.646 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

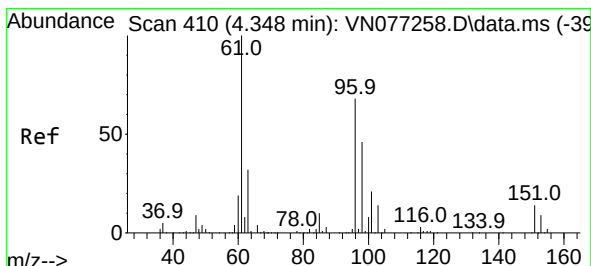
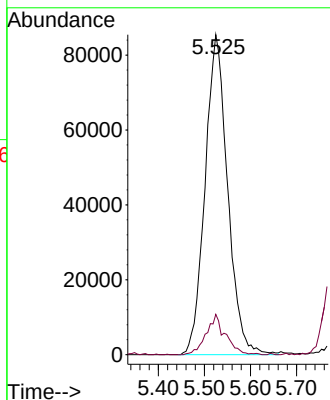
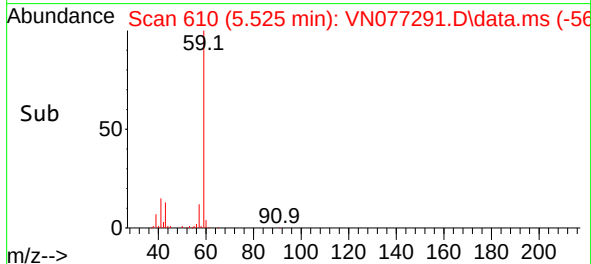
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



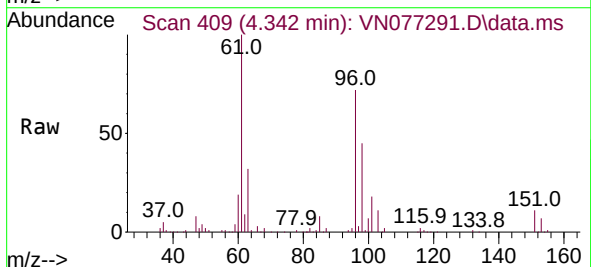
Tgt Ion: 59 Resp: 291304
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

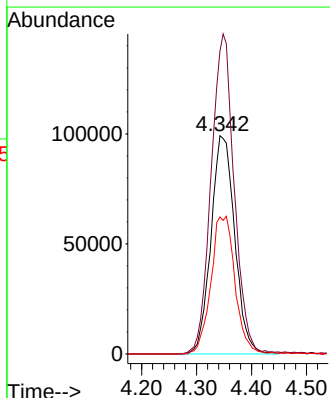
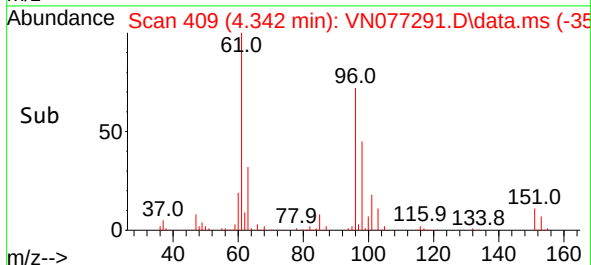
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

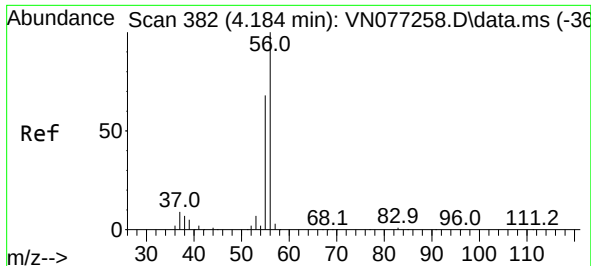


#12
1,1-Dichloroethene
Concen: 45.245 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



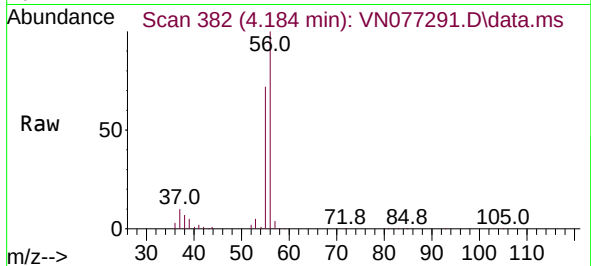
Tgt Ion: 96 Resp: 298216
Ion Ratio Lower Upper
96 100
61 138.8 118.3 177.5
98 62.8 54.5 81.7





#13
Acrolein
Concen: 195.988 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

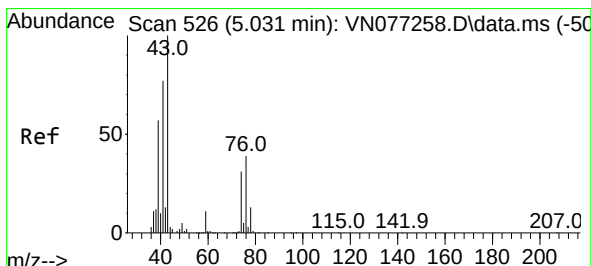
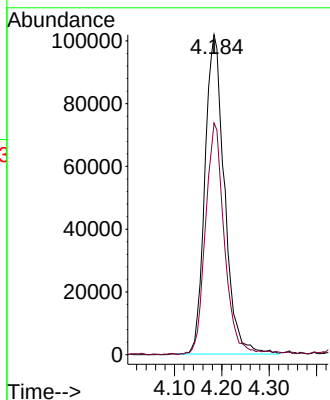
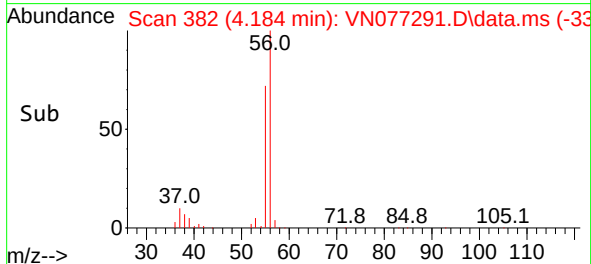
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



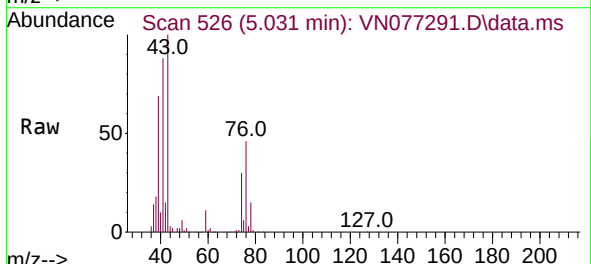
Tgt Ion: 56 Resp: 291264
Ion Ratio Lower Upper
56 100
55 70.1 54.2 81.2

Manual Integrations
APPROVED

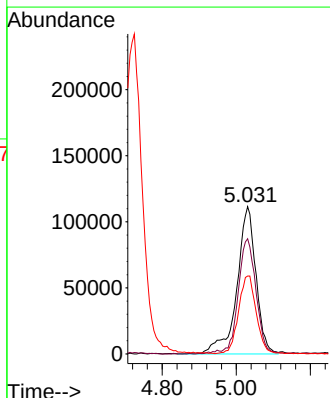
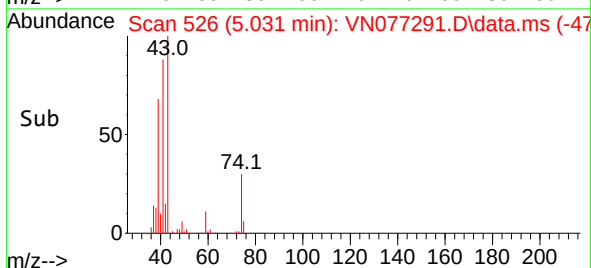
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

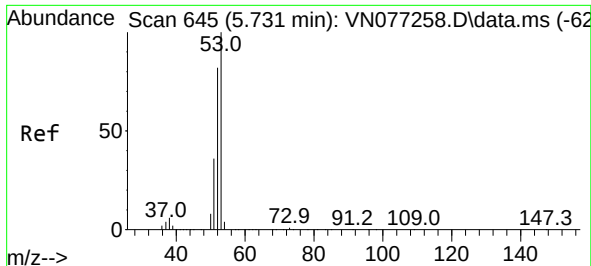


#14
Allyl chloride
Concen: 40.026 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



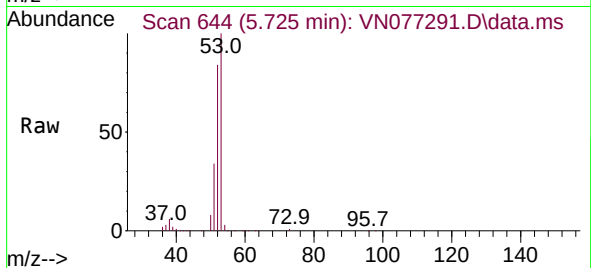
Tgt Ion: 41 Resp: 398443
Ion Ratio Lower Upper
41 100
39 73.7 55.0 82.4
76 48.7 35.4 53.2





#15
Acrylonitrile
Concen: 204.465 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

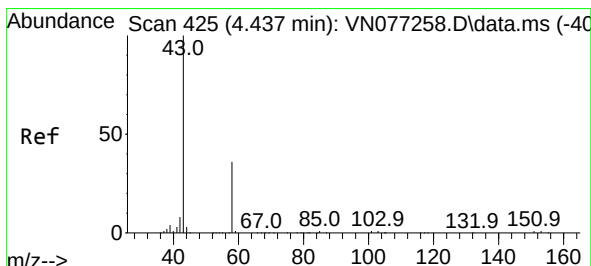
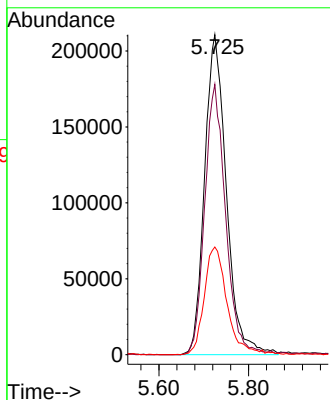
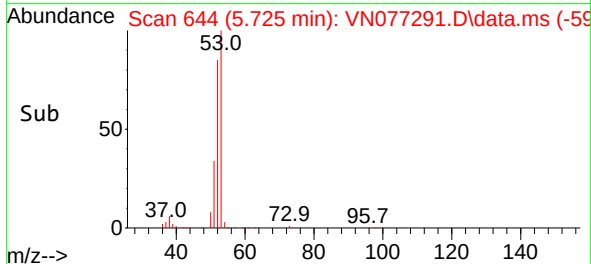
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 70928
Ion Ratio Lower Upper
53 100
52 81.0 65.2 97.8
51 35.5 28.1 42.1

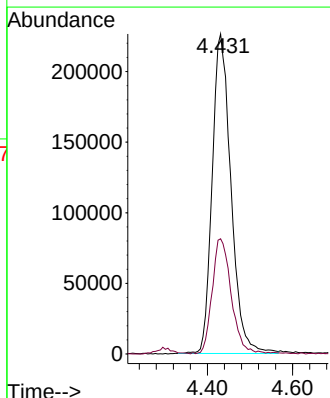
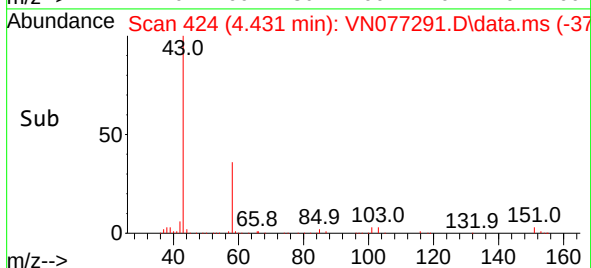
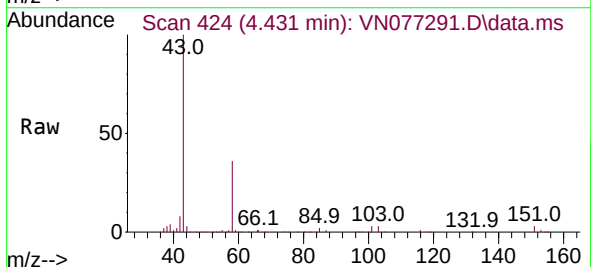
Manual Integrations
APPROVED

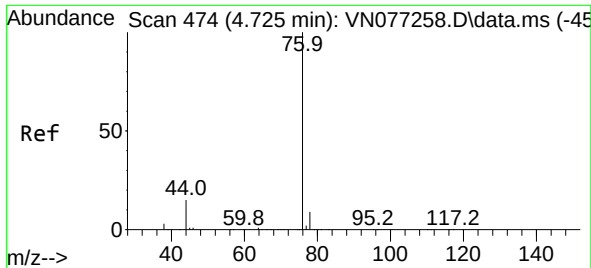
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#16
Acetone
Concen: 244.568 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

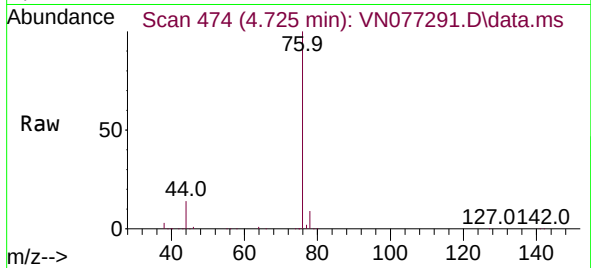
Tgt Ion: 43 Resp: 693428
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6





#17
Carbon Disulfide
Concen: 45.426 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

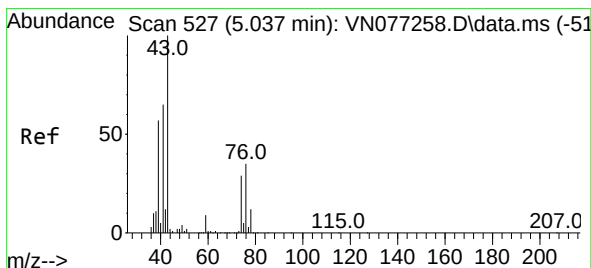
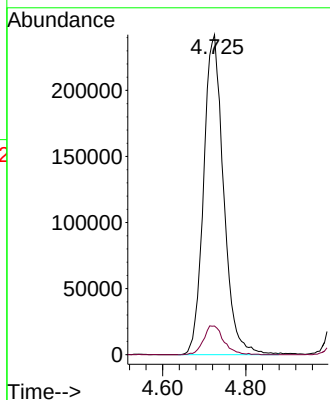
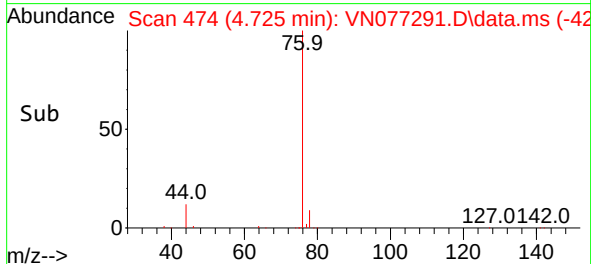
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 80736
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

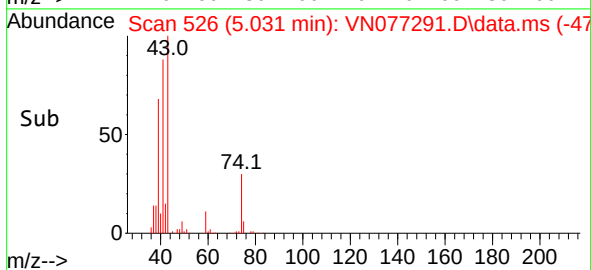
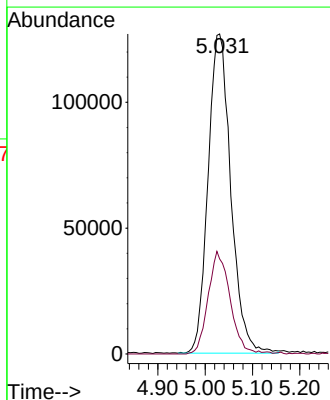
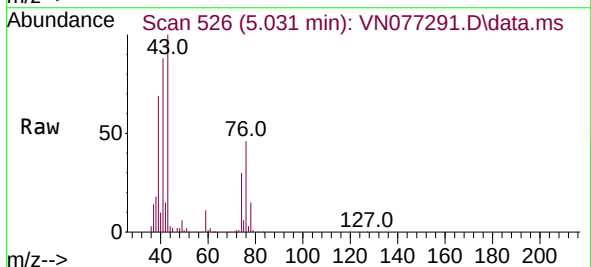
Manual Integrations
APPROVED

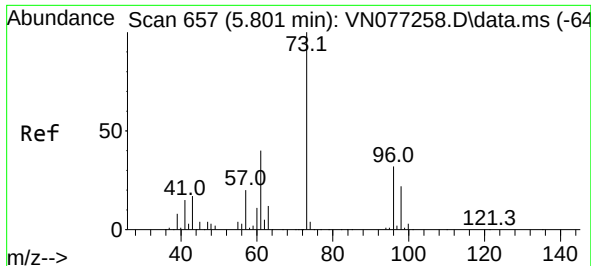
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#18
Methyl Acetate
Concen: 39.275 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

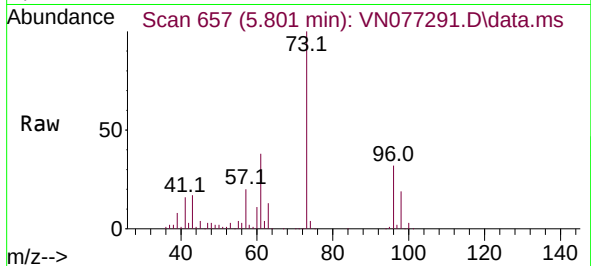
Tgt Ion: 43 Resp: 424112
Ion Ratio Lower Upper
43 100
74 31.0 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 45.899 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

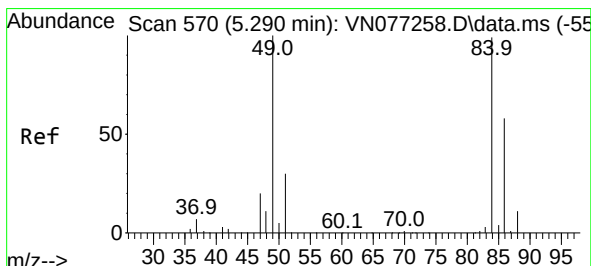
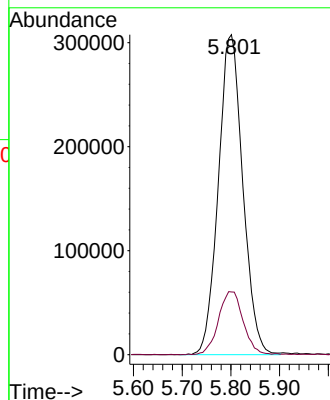
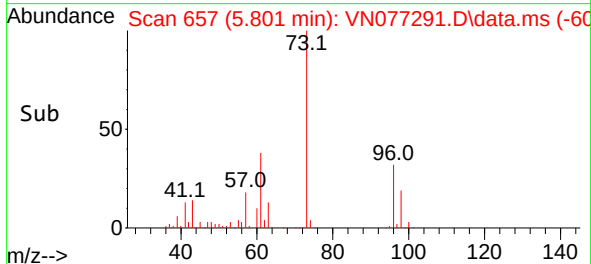
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 107344
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4

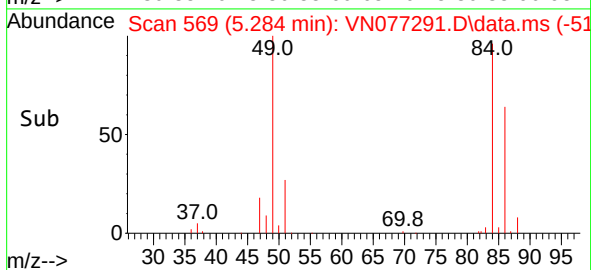
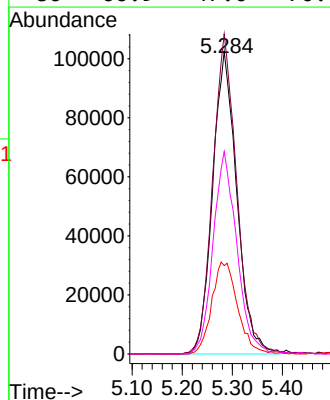
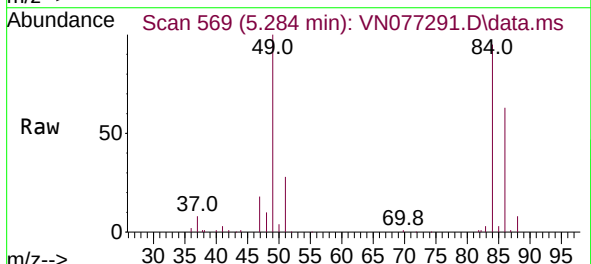
Manual Integrations
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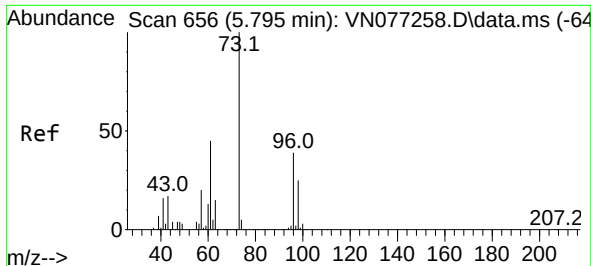
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#20
Methylene Chloride
Concen: 42.815 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 84 Resp: 342838
Ion Ratio Lower Upper
84 100
49 105.7 80.6 121.0
51 29.2 24.4 36.6
86 66.9 47.0 70.6





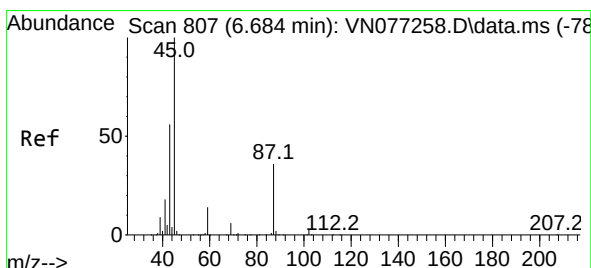
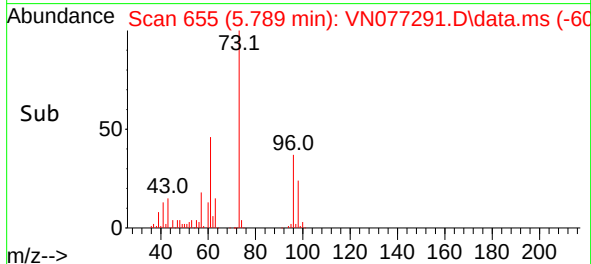
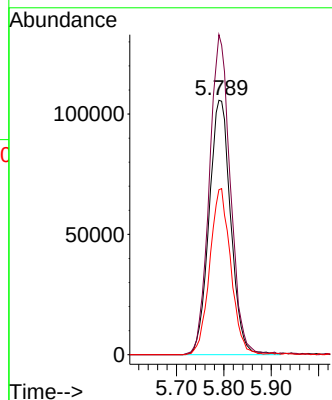
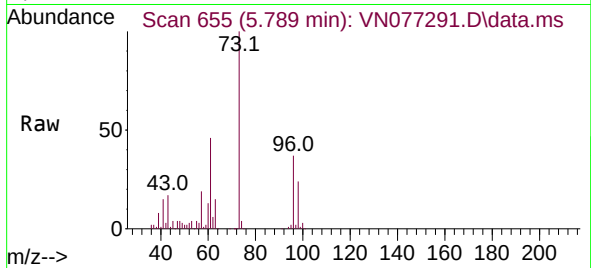
#21
trans-1,2-Dichloroethene
Concen: 46.506 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 33561
Ion Ratio Lower Upper
96 100
61 125.8 93.8 140.6
98 64.9 50.9 76.3

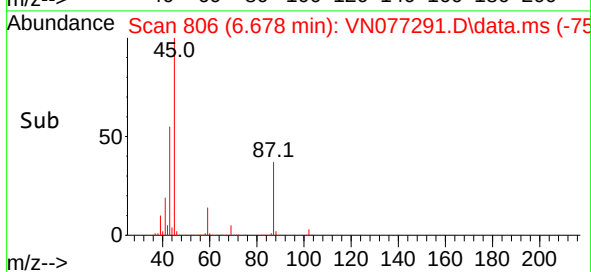
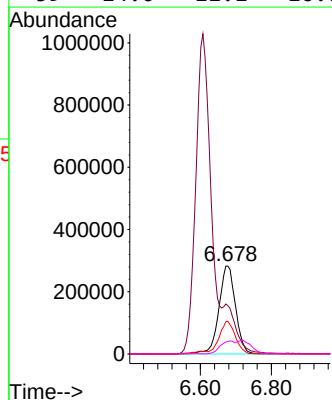
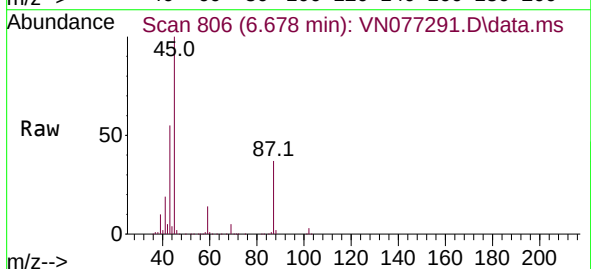
Manual Integrations
APPROVED

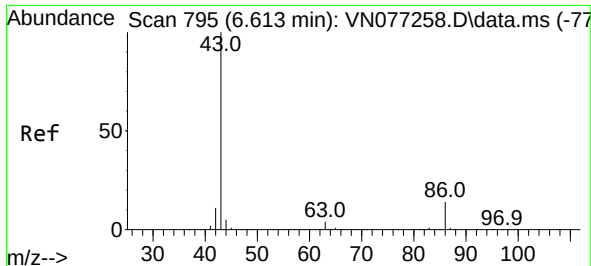
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#22
Diisopropyl ether
Concen: 45.784 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

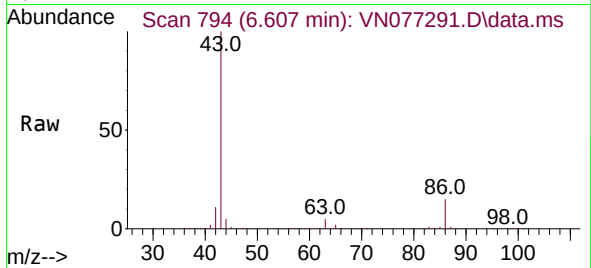
Tgt Ion: 45 Resp: 913738
Ion Ratio Lower Upper
45 100
43 54.3 44.6 66.8
87 37.1 28.4 42.6
59 14.0 11.1 16.7





#23
 Vinyl Acetate
 Concen: 223.531 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

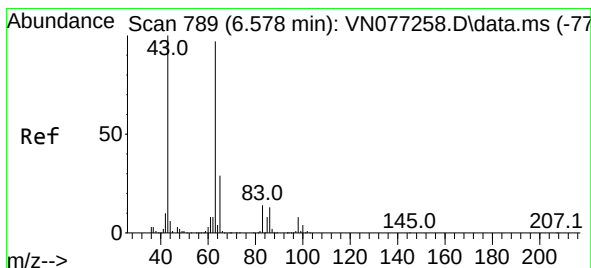
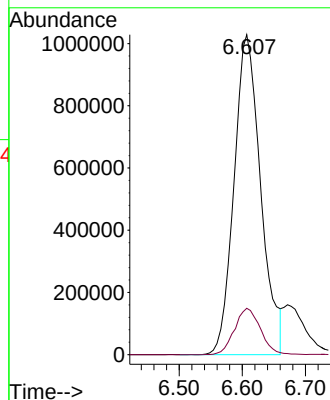
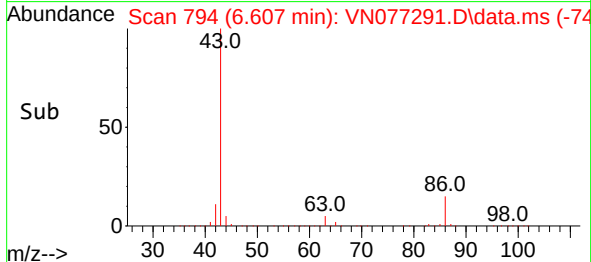
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



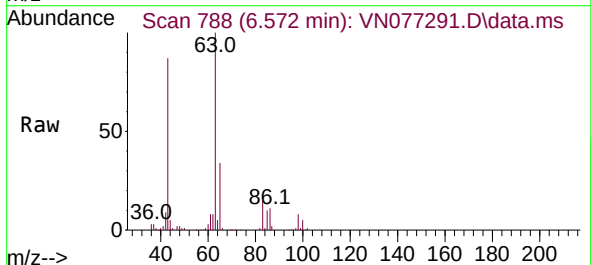
Tgt Ion: 43 Resp: 3016379
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8

Manual Integrations
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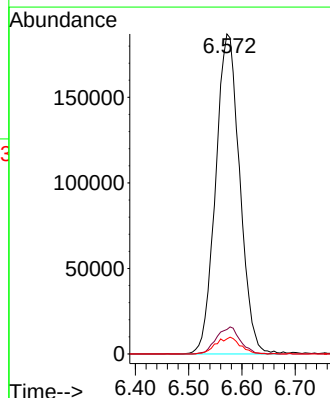
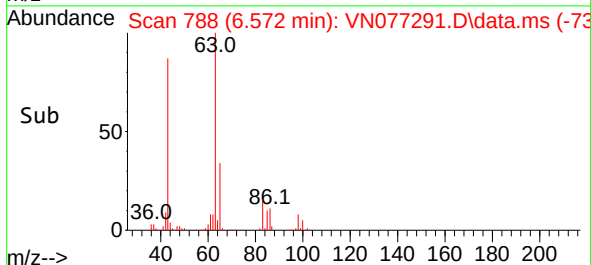
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

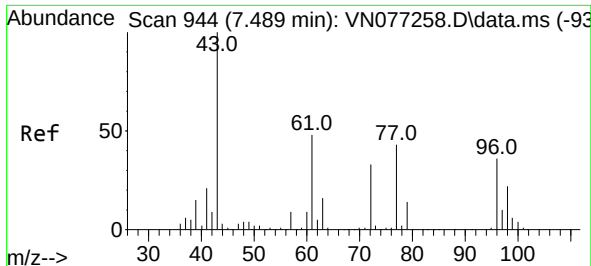


#24
 1,1-Dichloroethane
 Concen: 45.610 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16



Tgt Ion: 63 Resp: 587798
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.0
 100 4.7 2.3 6.9





#25

2-Butanone

Concen: 212.161 ug/l

RT: 7.483 min Scan# 943

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 976288

Ion Ratio Lower Upper

43 100

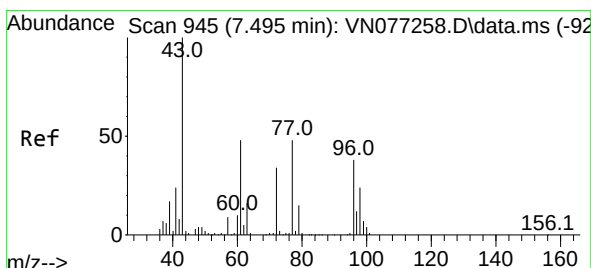
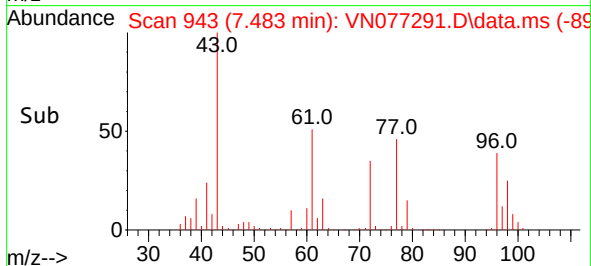
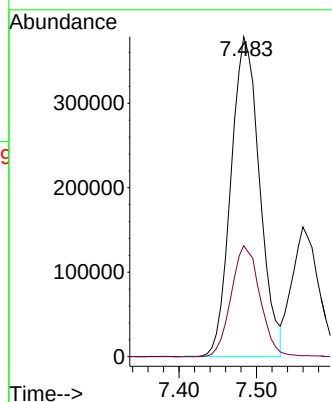
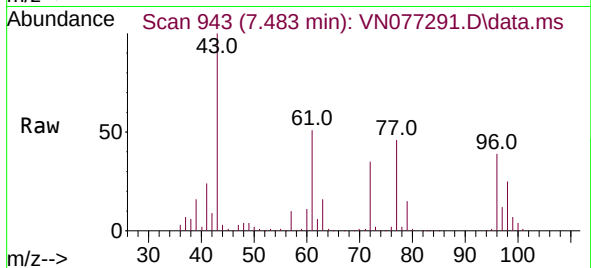
72 34.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#26

2,2-Dichloropropane

Concen: 49.067 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077291.D

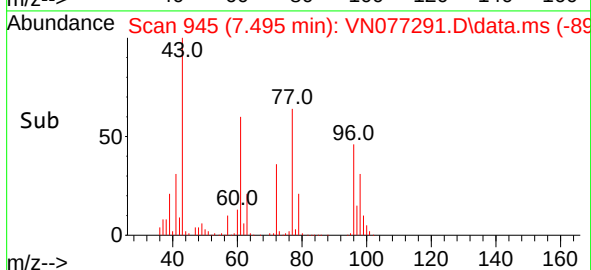
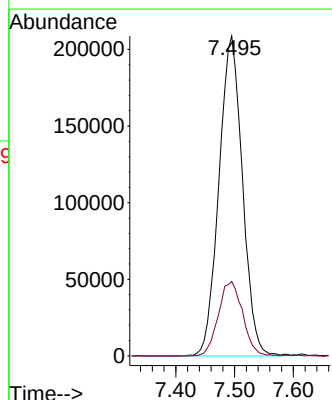
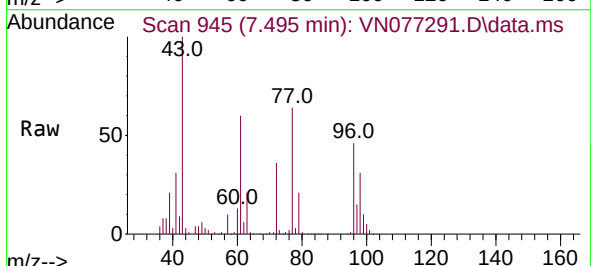
Acq: 11 Apr 2023 09:16

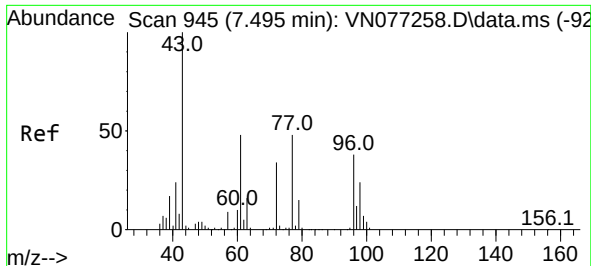
Tgt Ion: 77 Resp: 579851

Ion Ratio Lower Upper

77 100

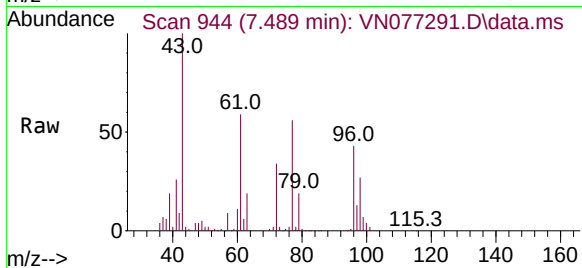
97 24.1 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 46.893 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

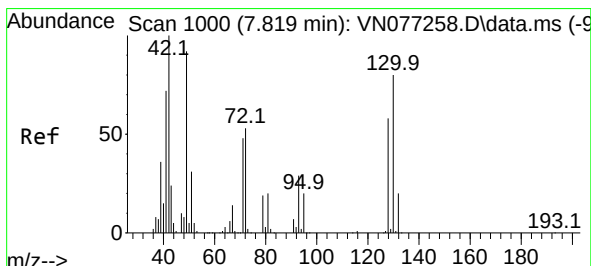
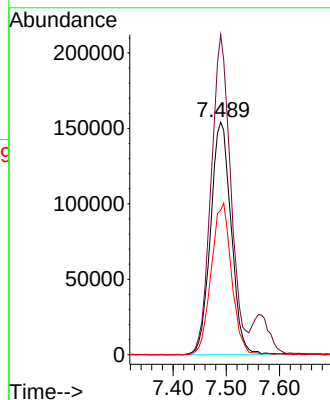
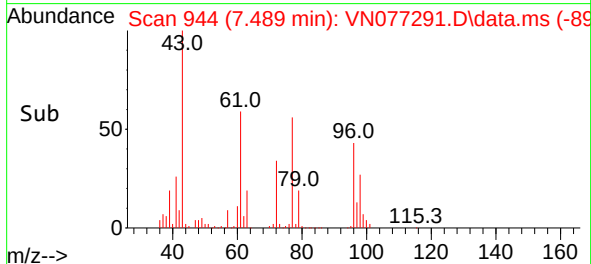
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 41325
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 261.0
 98 64.2 0.0 128.0

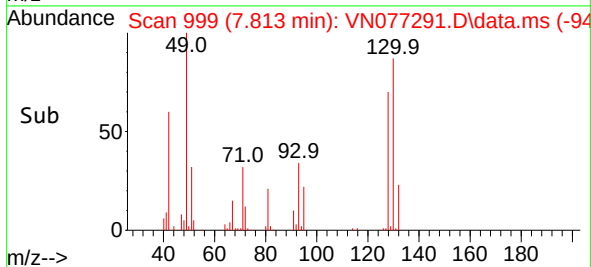
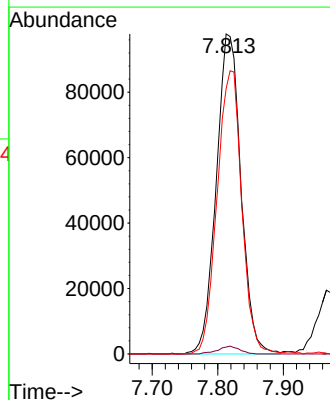
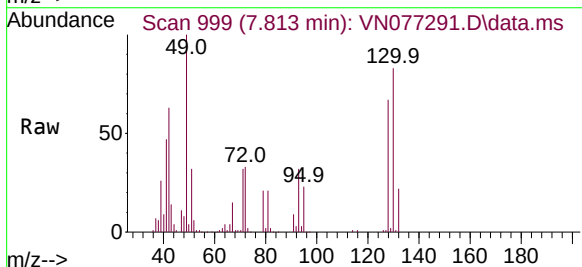
Manual Integrations
 APPROVED

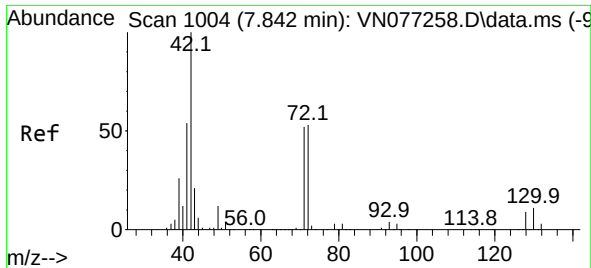
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#28
 Bromochloromethane
 Concen: 49.271 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

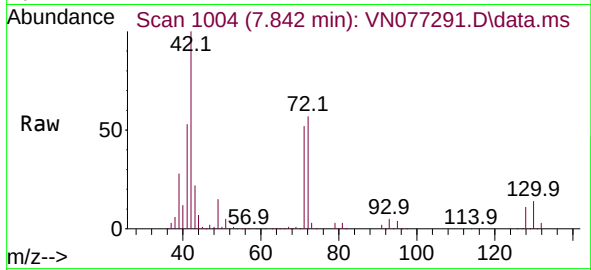
Tgt Ion: 49 Resp: 255422
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 88.1 68.4 102.6





#29
Tetrahydrofuran
Concen: 196.574 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

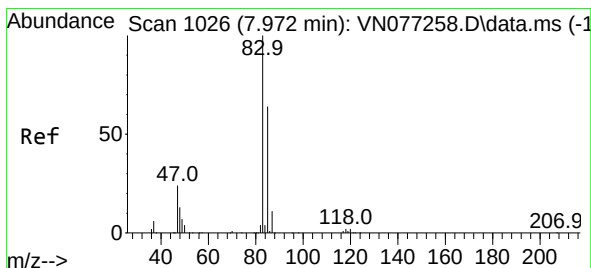
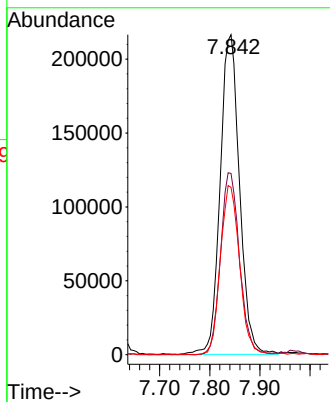
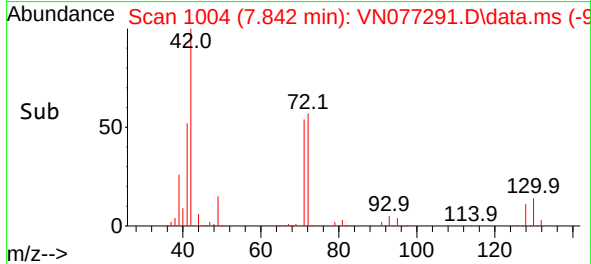
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 581470
Ion Ratio Lower Upper
42 100
72 55.8 44.6 66.8
71 52.2 41.3 61.9

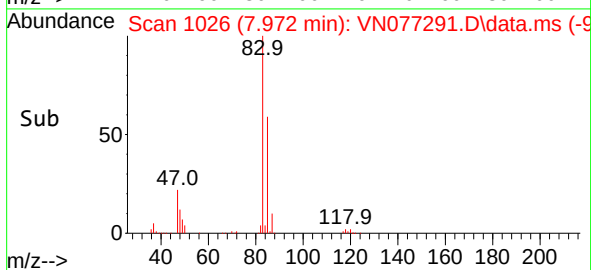
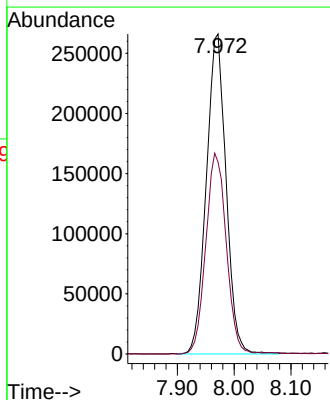
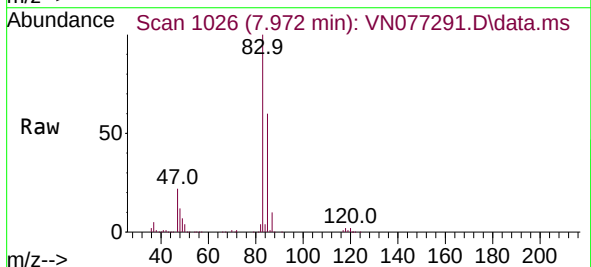
Manual Integrations
APPROVED

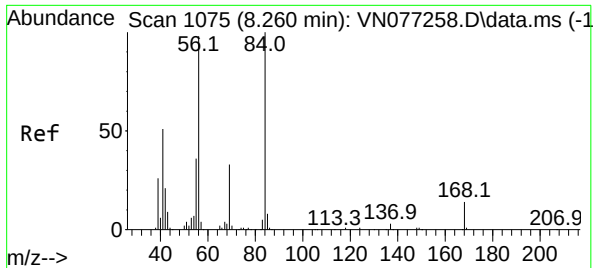
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#30
Chloroform
Concen: 46.655 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

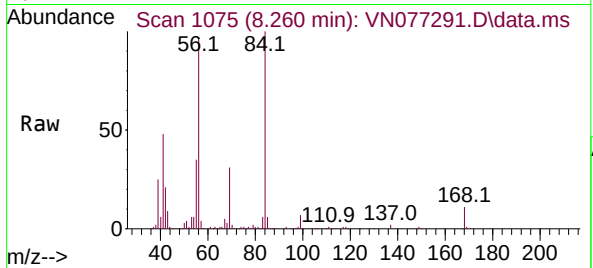
Tgt Ion: 83 Resp: 641189
Ion Ratio Lower Upper
83 100
85 59.9 50.9 76.3





#31
Cyclohexane
Concen: 43.696 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

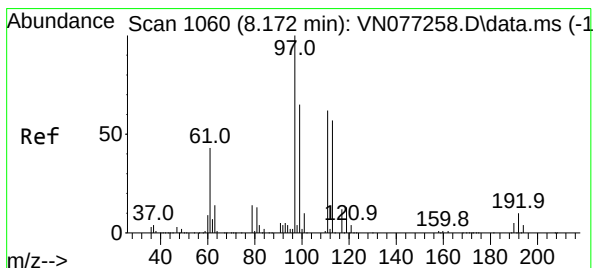
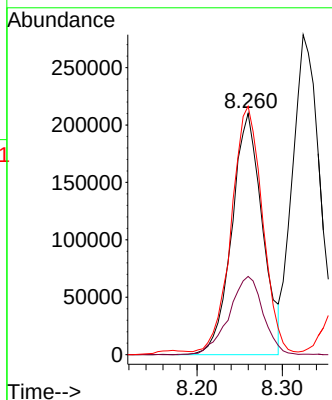
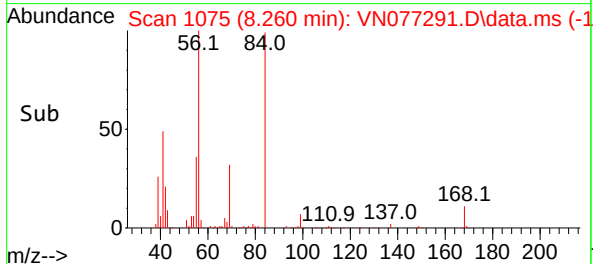
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 522129
Ion Ratio Lower Upper
56 100
69 32.3 26.6 40.0
84 101.4 81.8 122.8

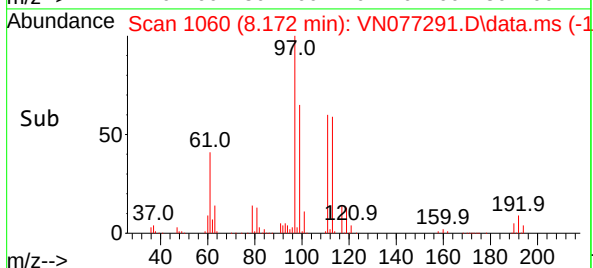
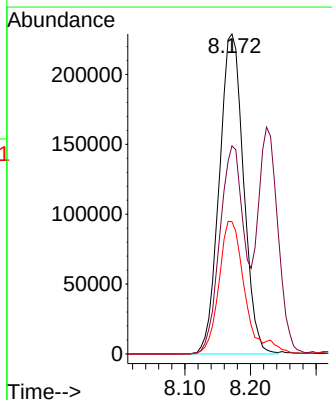
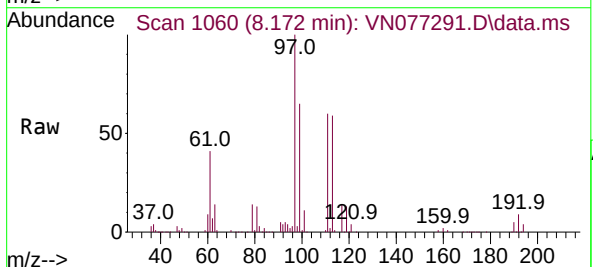
Manual Integrations
APPROVED

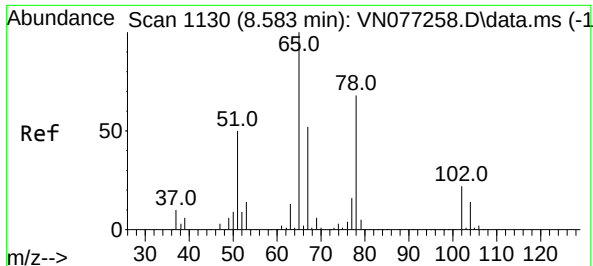
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#32
1,1,1-Trichloroethane
Concen: 47.006 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 97 Resp: 587529
Ion Ratio Lower Upper
97 100
99 65.8 54.2 81.4
61 44.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 46.982 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 361290

Ion Ratio Lower Upper

65 100

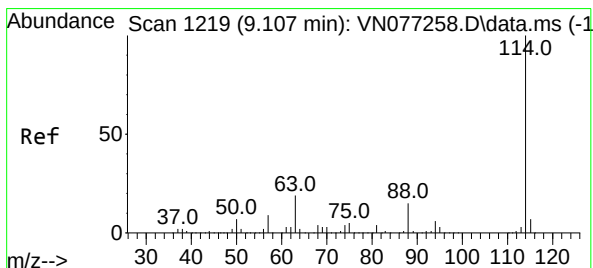
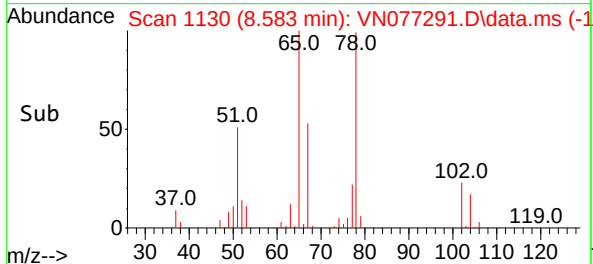
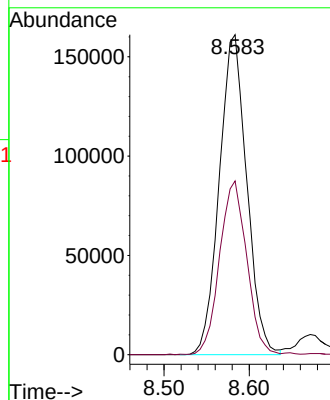
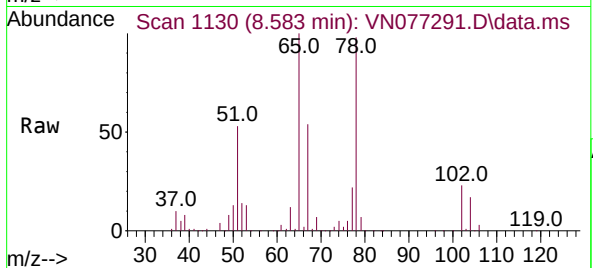
67 53.9 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

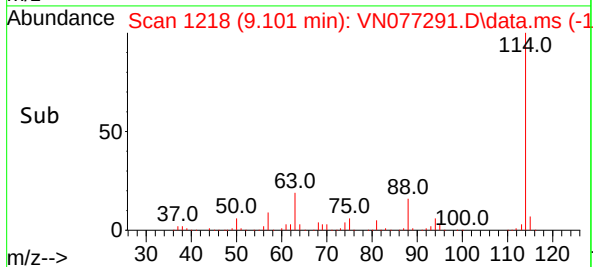
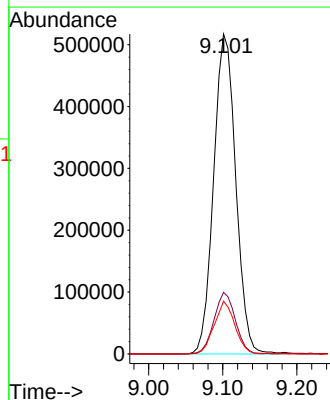
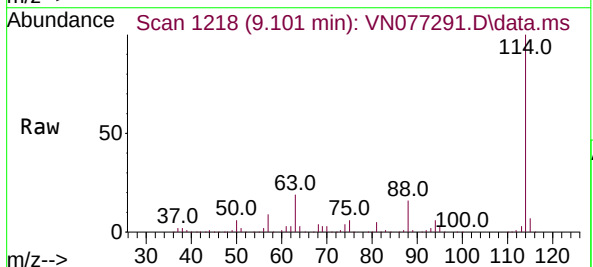
Tgt Ion:114 Resp: 1071703

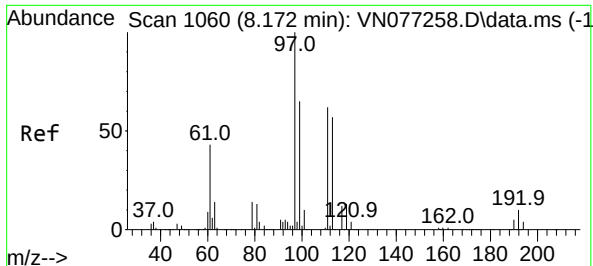
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.8

88 16.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.372 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

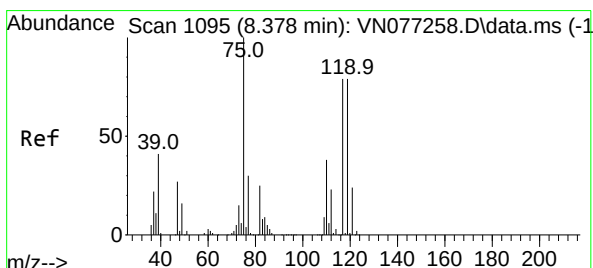
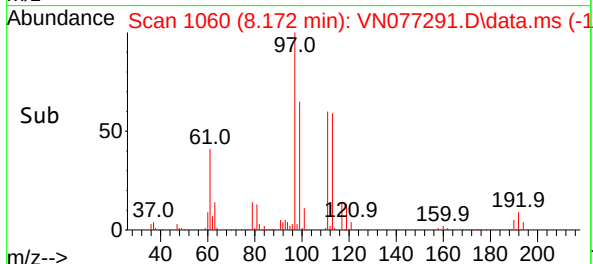
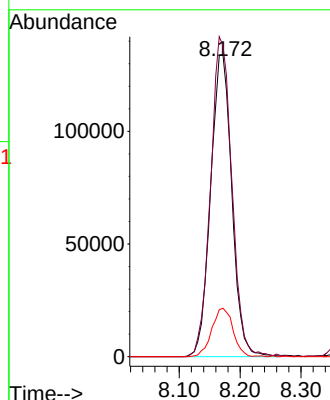
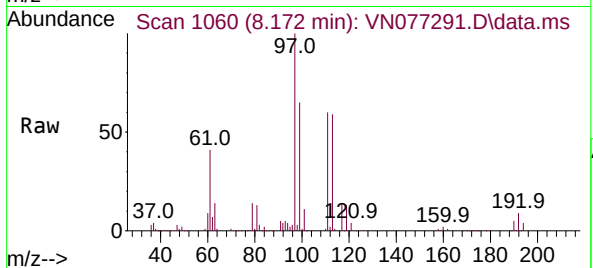
Tgt Ion:	113	Resp:	325000
Ion Ratio	Lower	Upper	
113	100		
111	105.9	83.4	125.0
192	16.0	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#36

1,1-Dichloropropene

Concen: 48.510 ug/l

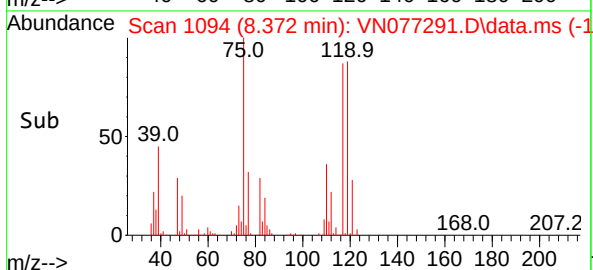
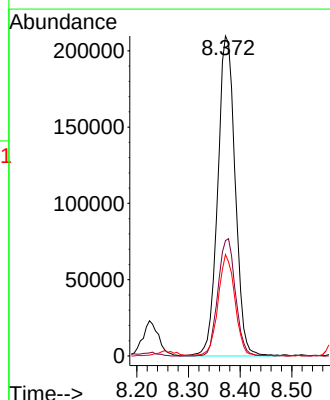
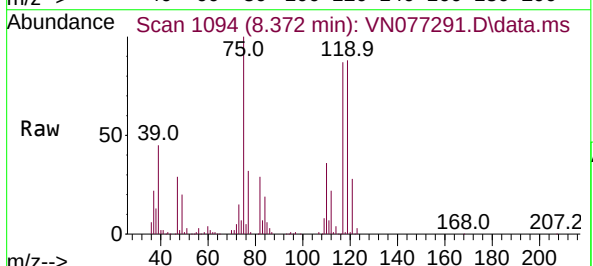
RT: 8.372 min Scan# 1094

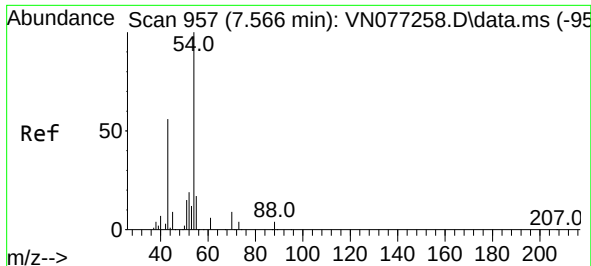
Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

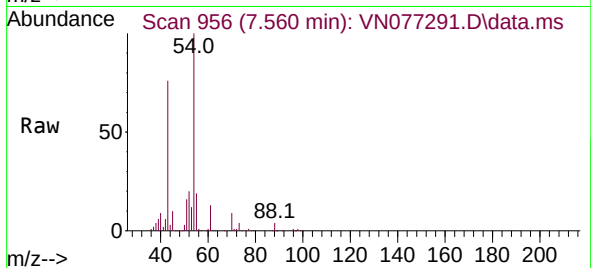
Tgt Ion:	75	Resp:	492236
Ion Ratio	Lower	Upper	
75	100		
110	36.7	17.8	53.5
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 41.412 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

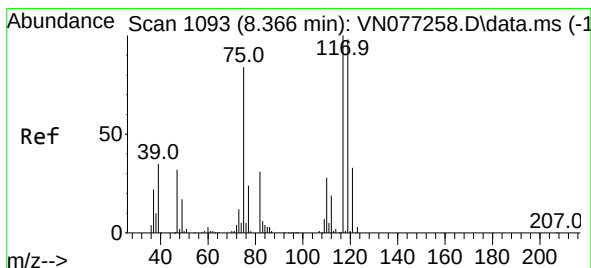
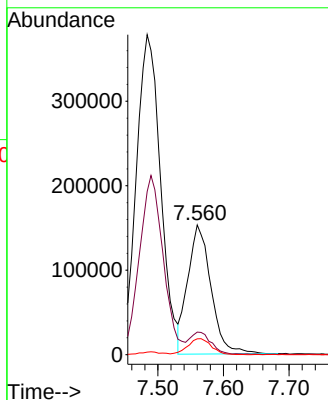
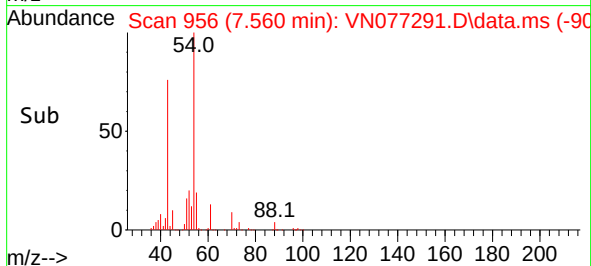
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 375969
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.2
70 12.7 10.0 15.0

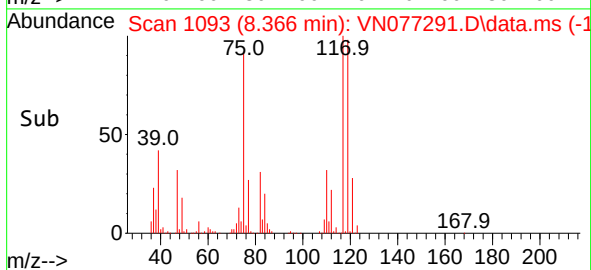
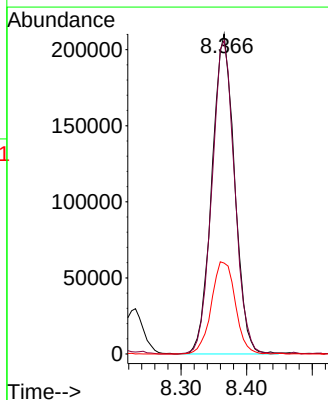
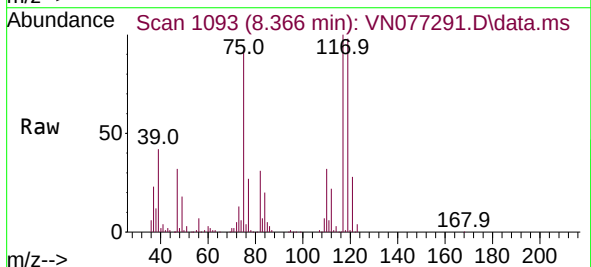
Manual Integrations
APPROVED

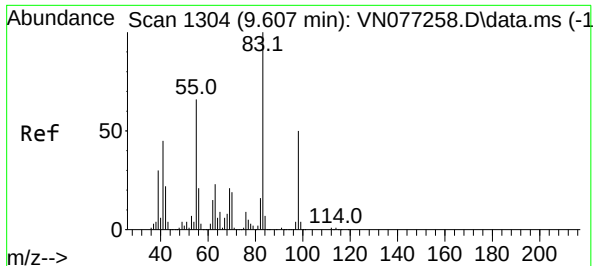
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#38
Carbon Tetrachloride
Concen: 48.508 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

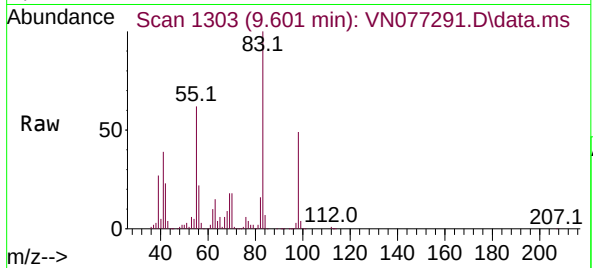
Tgt Ion:117 Resp: 504284
Ion Ratio Lower Upper
117 100
119 97.9 78.5 117.7
121 28.4 26.6 40.0





#39
Methylcyclohexane
Concen: 48.855 ug/l
RT: 9.601 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

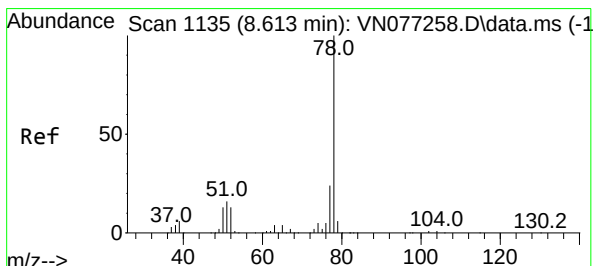
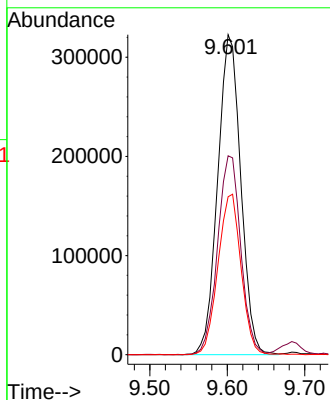
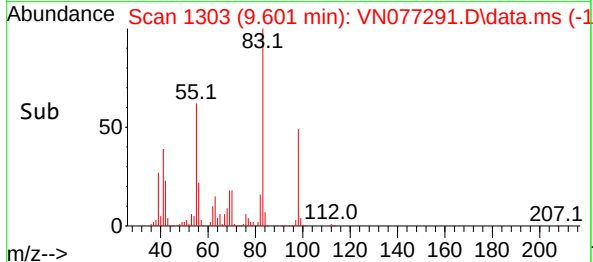
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 66845
Ion Ratio Lower Upper
83 100
55 62.1 52.4 78.6
98 49.3 39.8 59.6

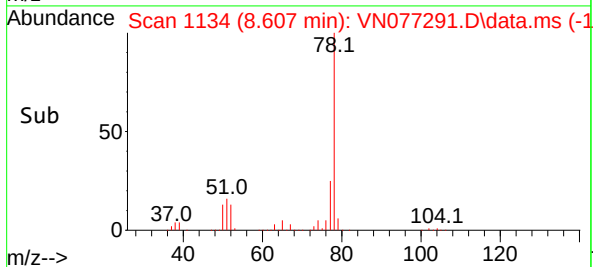
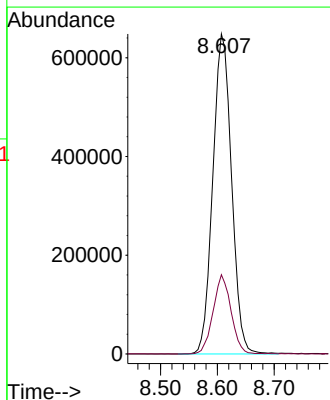
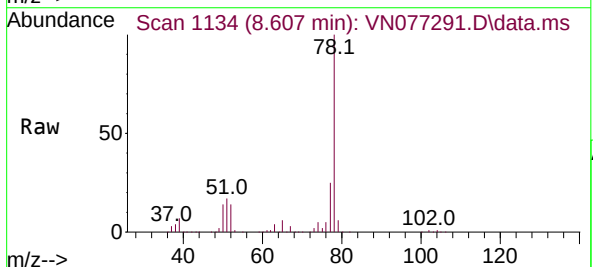
Manual Integrations
APPROVED

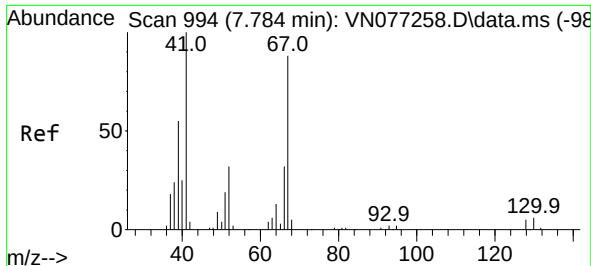
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#40
Benzene
Concen: 46.928 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

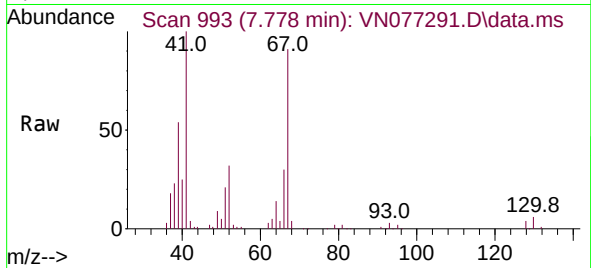
Tgt Ion: 78 Resp: 1485285
Ion Ratio Lower Upper
78 100
77 24.7 19.5 29.3





#41
Methacrylonitrile
Concen: 40.468 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

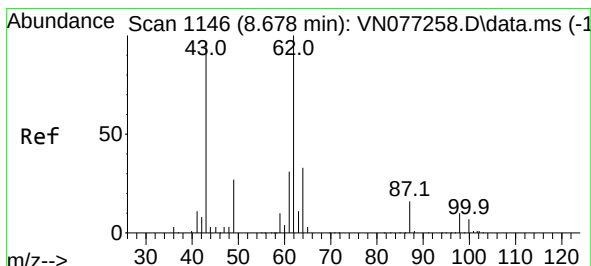
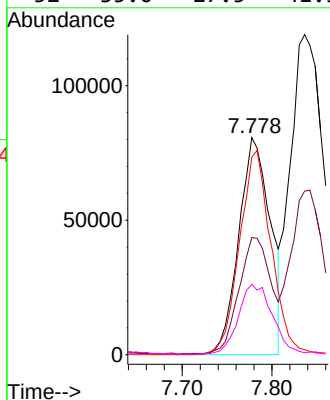
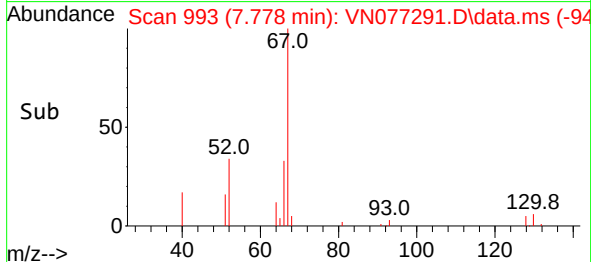
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 19748
Ion Ratio Lower Upper
41 100
39 54.6 44.1 66.1
67 94.6 71.4 107.2
52 35.0 27.5 41.3

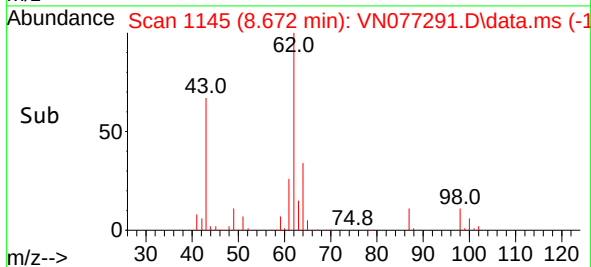
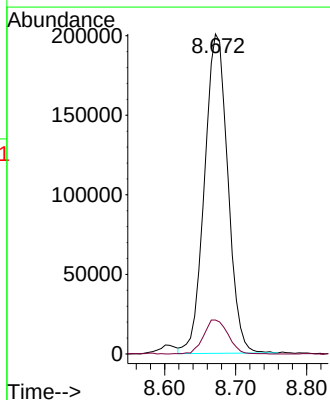
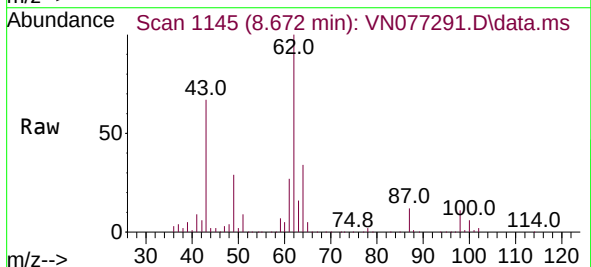
Manual Integrations
APPROVED

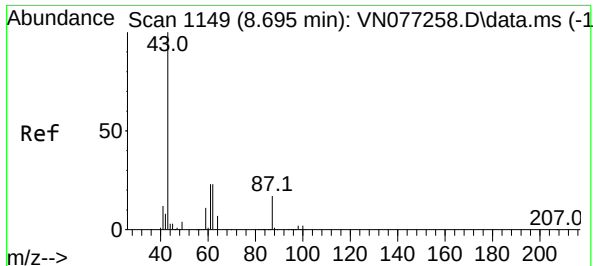
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#42
1,2-Dichloroethane
Concen: 47.034 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

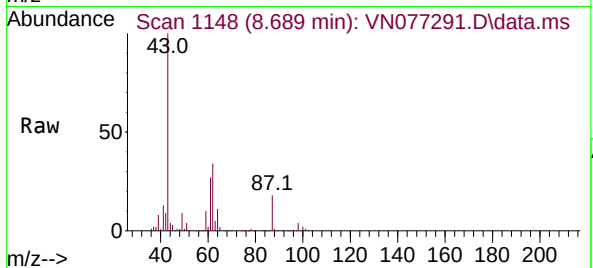
Tgt Ion: 62 Resp: 458155
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 41.431 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

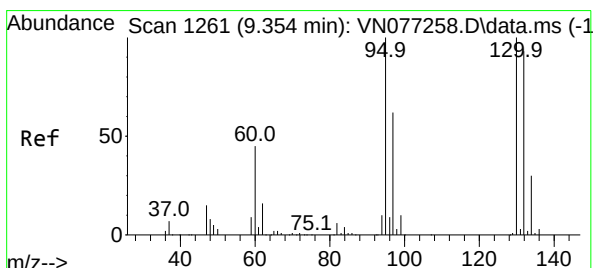
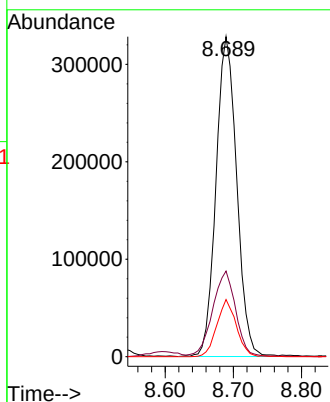
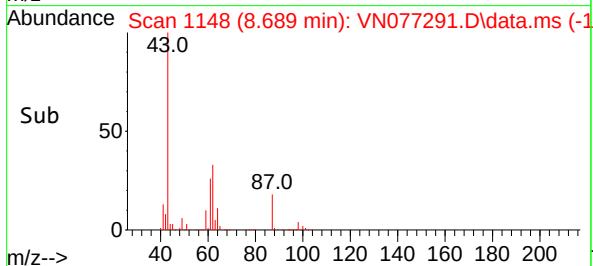
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 69407
Ion Ratio Lower Upper
43 100
61 29.5 22.7 34.1
87 16.9 13.6 20.4

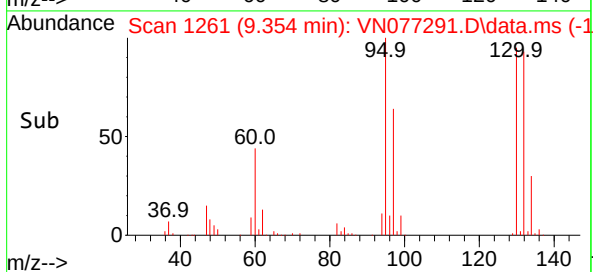
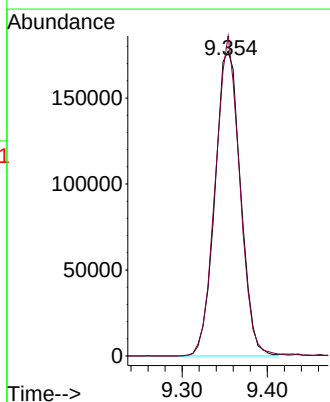
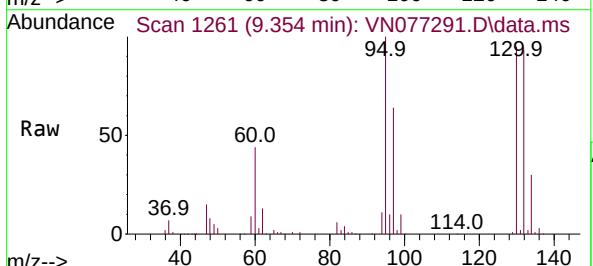
Manual Integrations
APPROVED

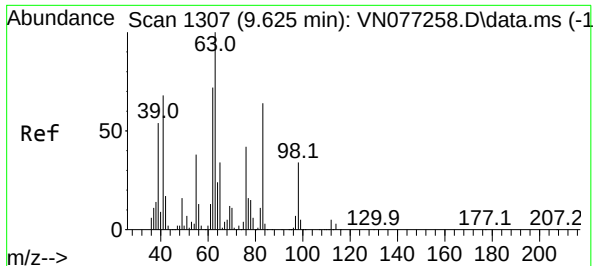
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#44
Trichloroethene
Concen: 48.778 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:130 Resp: 369392
Ion Ratio Lower Upper
130 100
95 105.0 0.0 200.2





#45

1,2-Dichloropropane

Concen: 48.419 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 363950

Ion Ratio Lower Upper

63 100

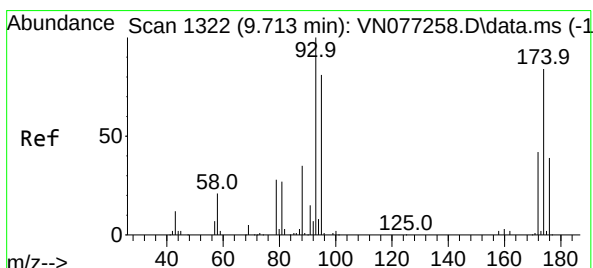
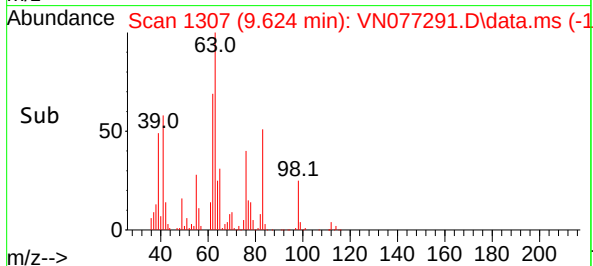
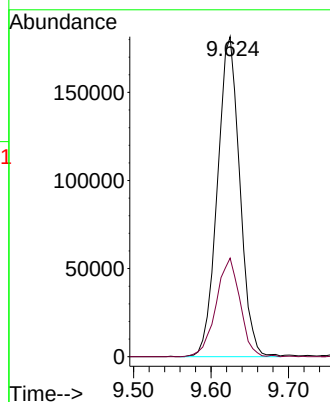
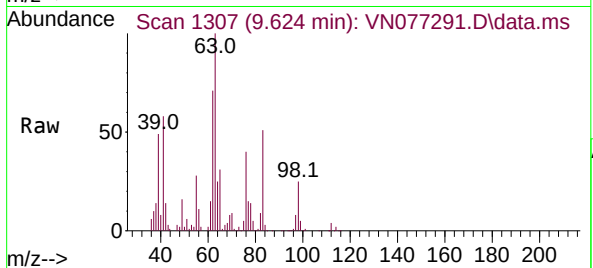
65 30.8 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#46

Dibromomethane

Concen: 46.264 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

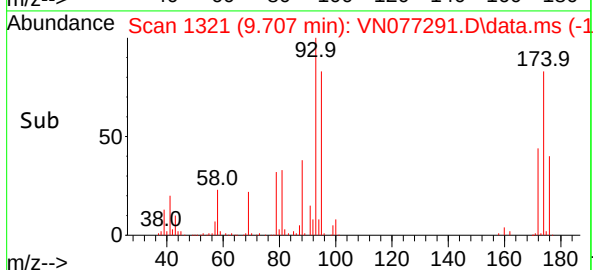
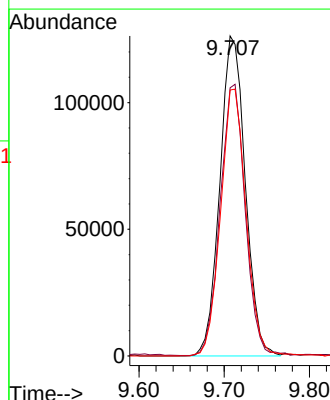
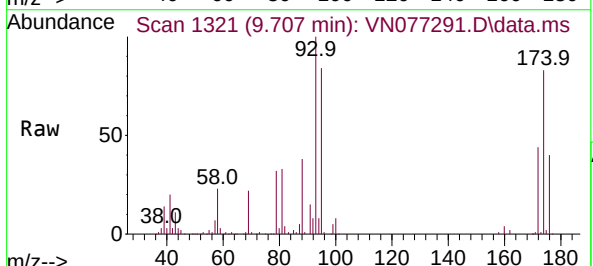
Tgt Ion: 93 Resp: 262006

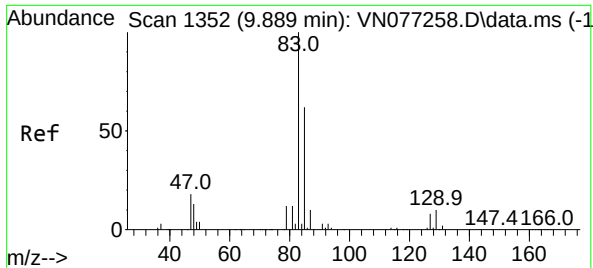
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

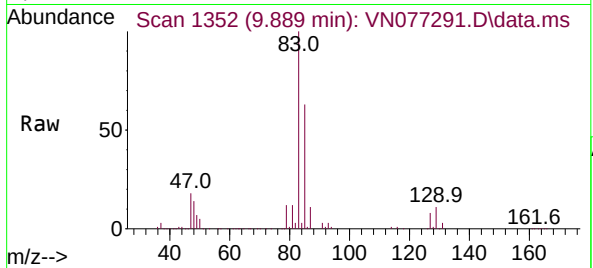
174 83.7 66.0 99.0





#47
Bromodichloromethane
Concen: 46.871 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

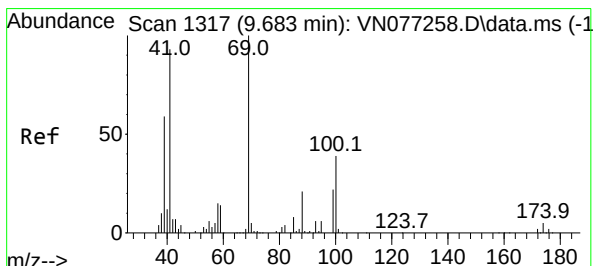
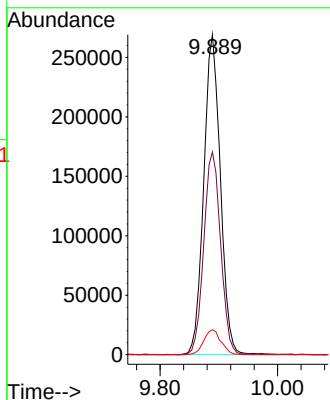
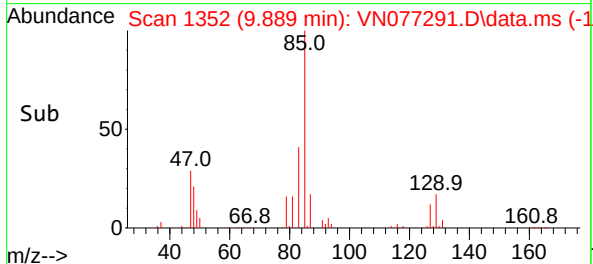
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



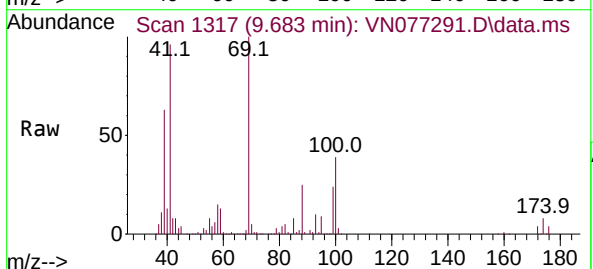
Tgt Ion: 83 Resp: 530564
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.8
127 7.8 6.2 9.2

Manual Integrations
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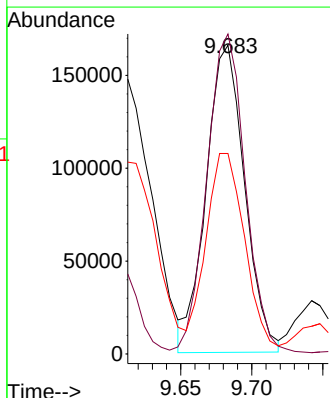
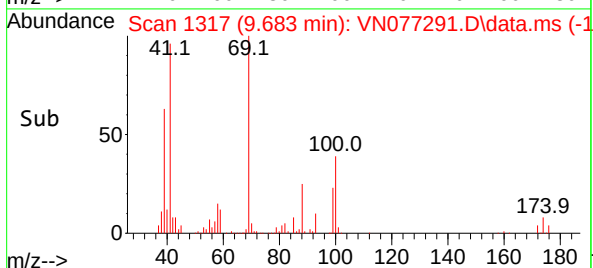
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

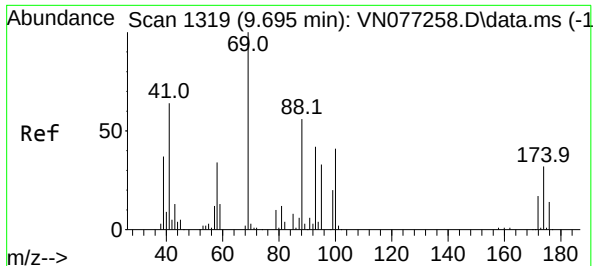


#48
Methyl methacrylate
Concen: 43.657 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



Tgt Ion: 41 Resp: 311986
Ion Ratio Lower Upper
41 100
69 103.8 85.0 127.6
39 66.2 53.5 80.3





#49

1,4-Dioxane

Concen: 792.296 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077291.D

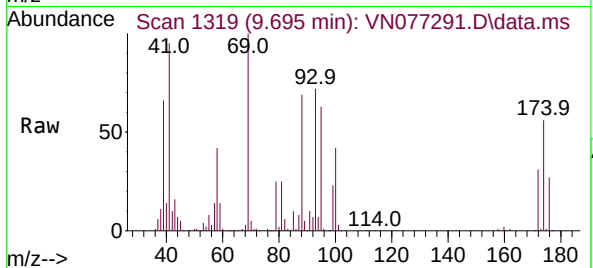
Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



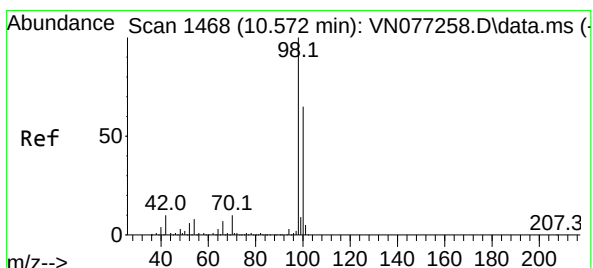
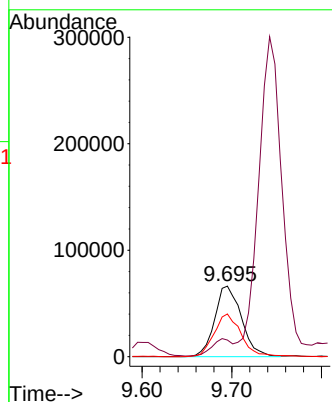
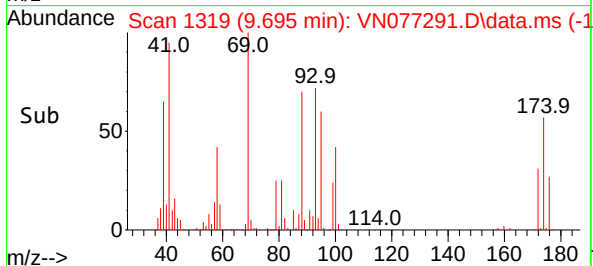
Tgt Ion:	88	Resp:	13727
Ion Ratio	Lower	Upper	
88	100		
43	18.2	17.0	25.6
58	61.8	49.8	74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#50

Toluene-d8

Concen: 48.440 ug/l

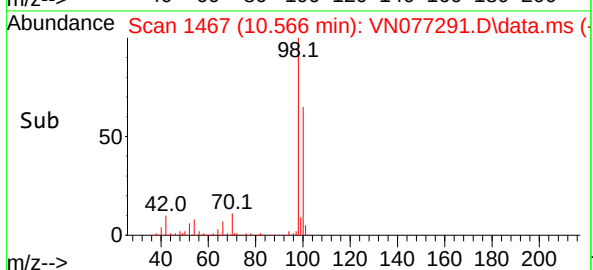
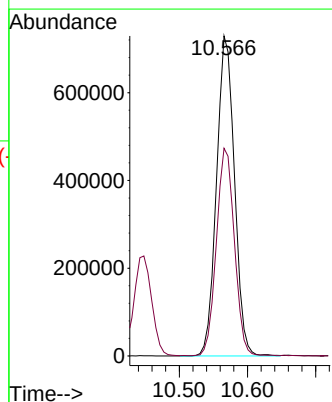
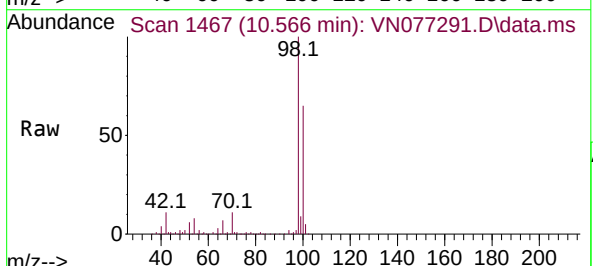
RT: 10.566 min Scan# 1467

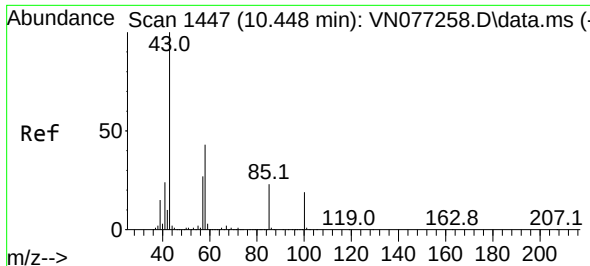
Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Tgt Ion:	98	Resp:	1337876
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.3	76.9





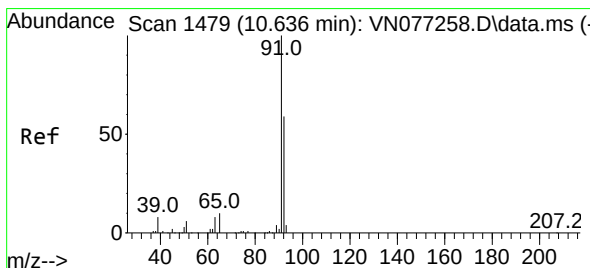
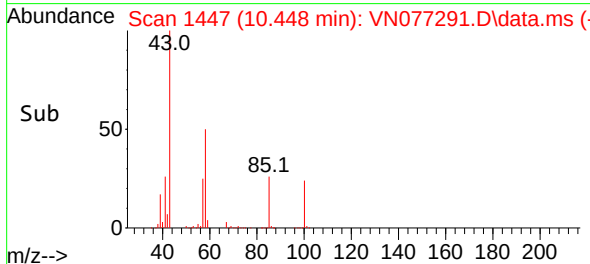
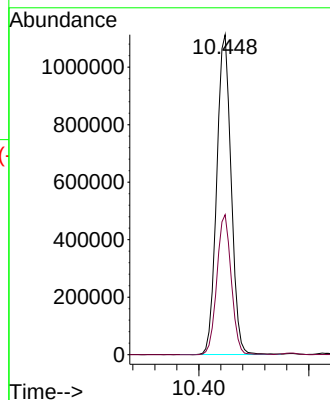
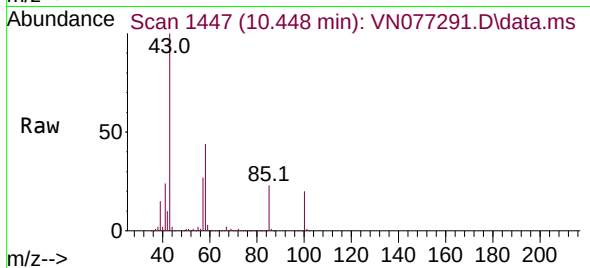
#51
4-Methyl-2-Pentanone
Concen: 209.204 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2025764
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0

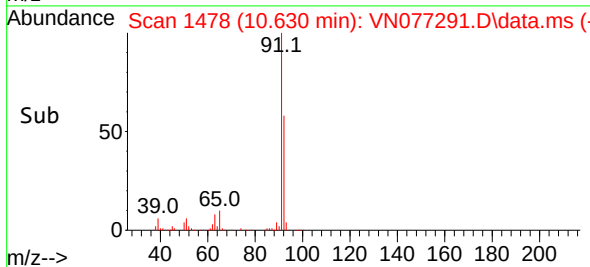
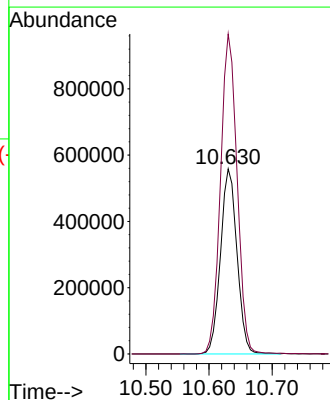
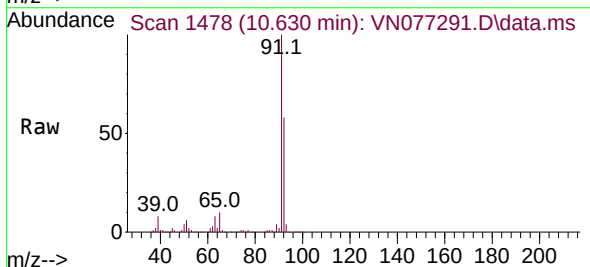
Manual Integrations
APPROVED

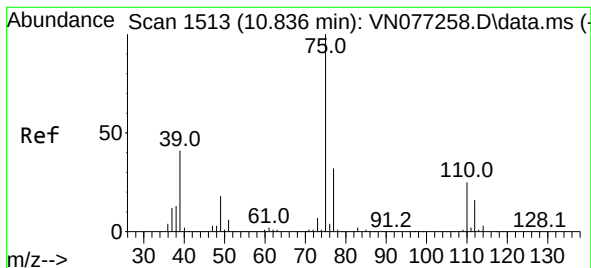
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#52
Toluene
Concen: 48.877 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 92 Resp: 1012539
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





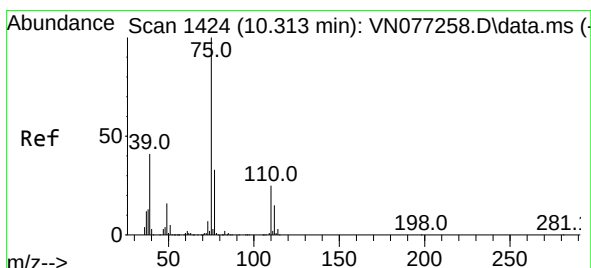
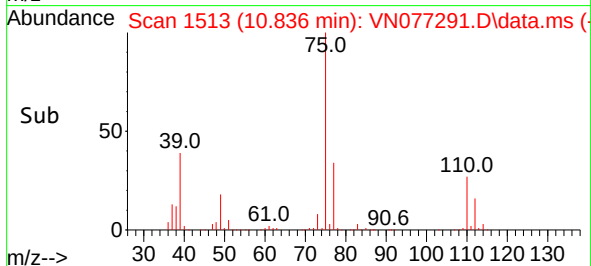
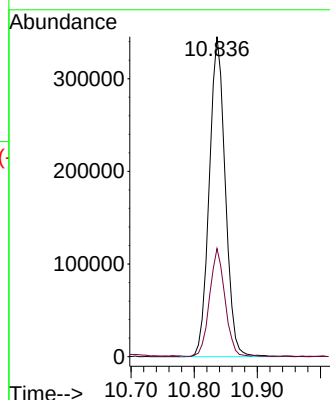
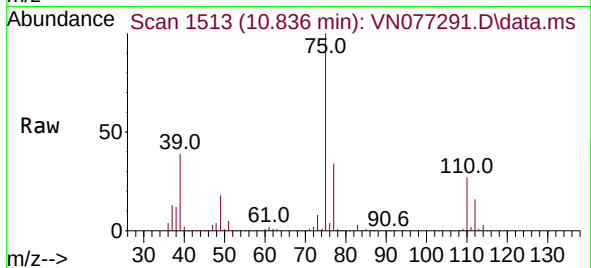
#53
t-1,3-Dichloropropene
Concen: 49.455 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 60790
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0

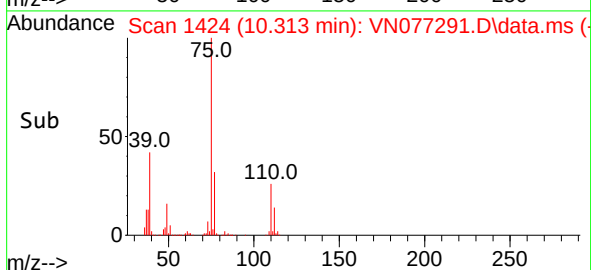
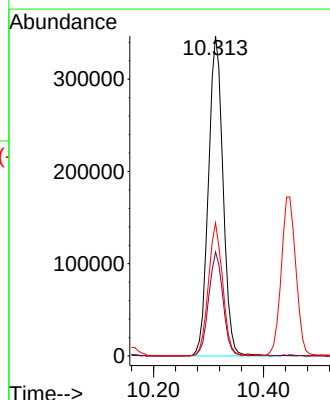
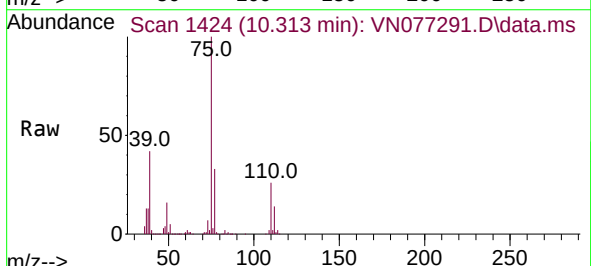
Manual Integrations
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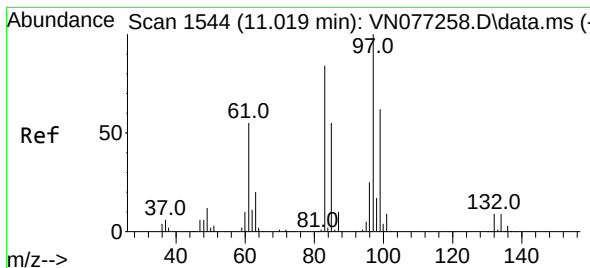
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#54
cis-1,3-Dichloropropene
Concen: 48.837 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

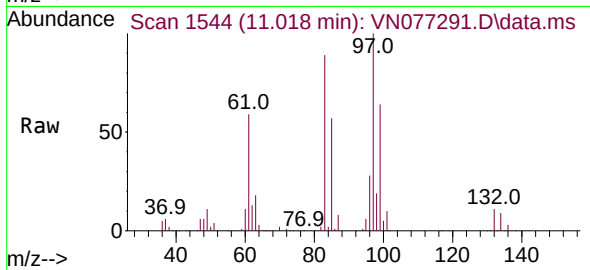
Tgt Ion: 75 Resp: 639426
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
39 41.6 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 46.080 ug/l
RT: 11.018 min Scan# 1519
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

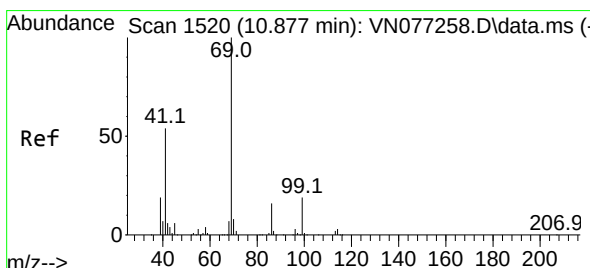
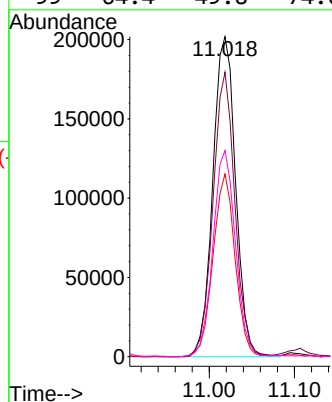
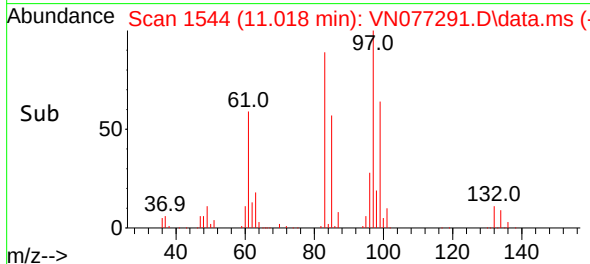


Tgt Ion: 97 Resp: 374725

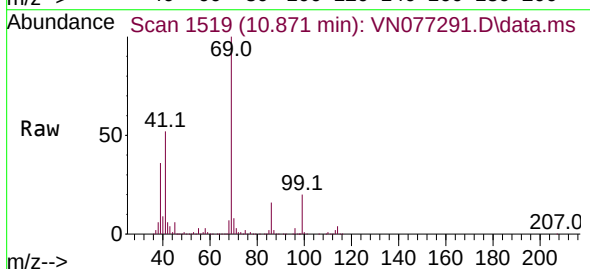
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.4	101.2
85	57.0	44.1	66.1
99	64.4	49.8	74.6

Manual Integrations
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Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

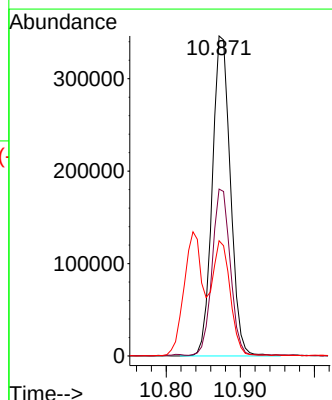
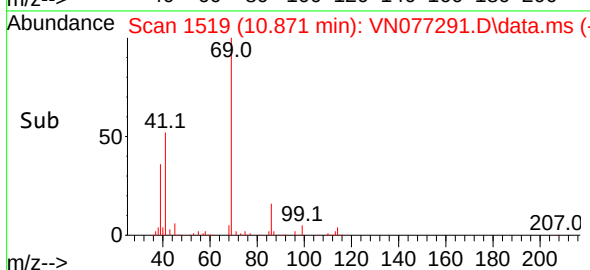


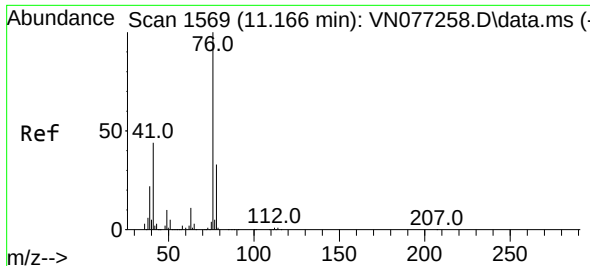
#56
Ethyl methacrylate
Concen: 46.452 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



Tgt Ion: 69 Resp: 588377

Ion	Ratio	Lower	Upper
69	100		
41	51.8	42.8	64.2
39	35.4	27.0	40.4





#57

1,3-Dichloropropane

Concen: 46.970 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 631044

Ion Ratio Lower Upper

76 100

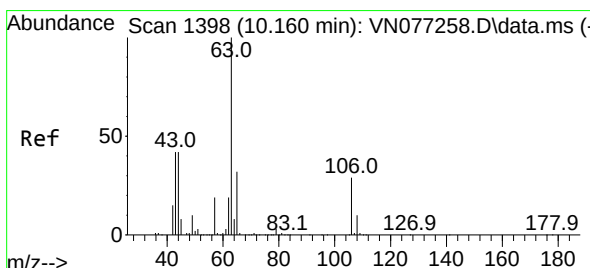
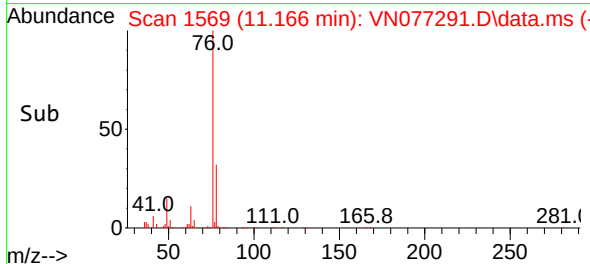
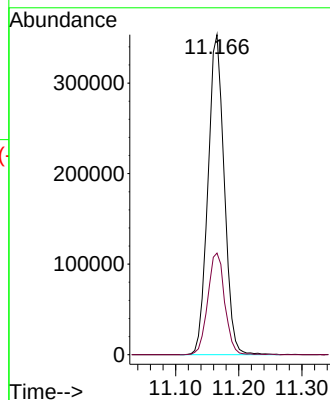
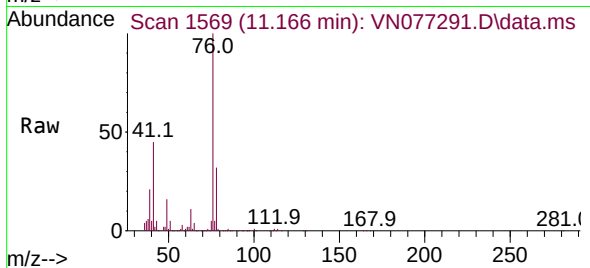
78 33.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 232.712 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077291.D

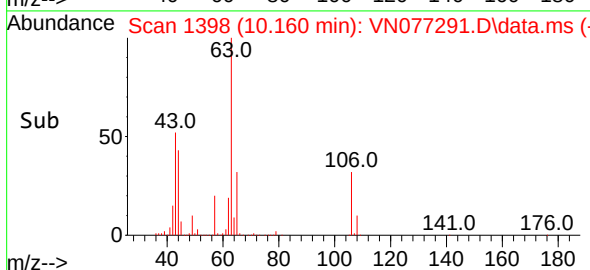
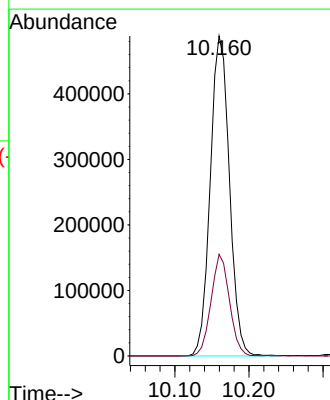
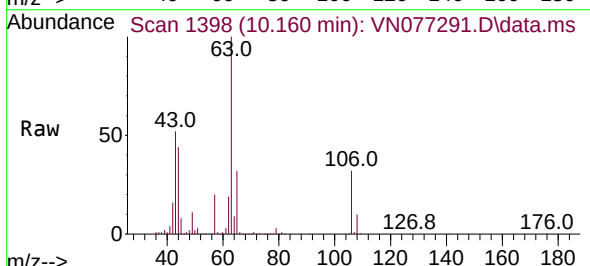
Acq: 11 Apr 2023 09:16

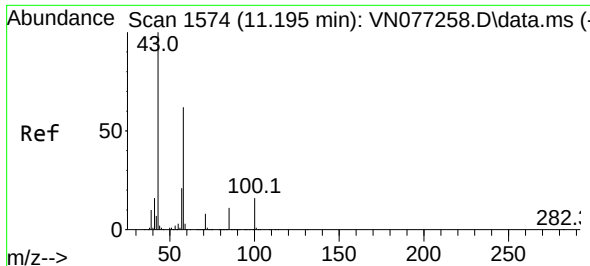
Tgt Ion: 63 Resp: 877441

Ion Ratio Lower Upper

63 100

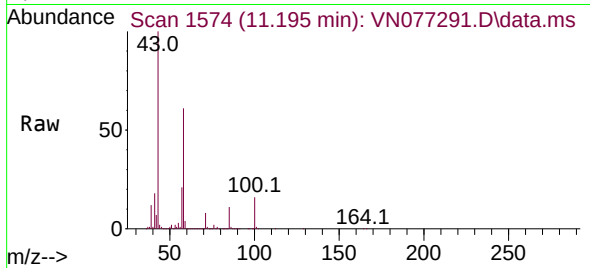
106 30.4 24.1 36.1





#59
2-Hexanone
Concen: 214.026 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

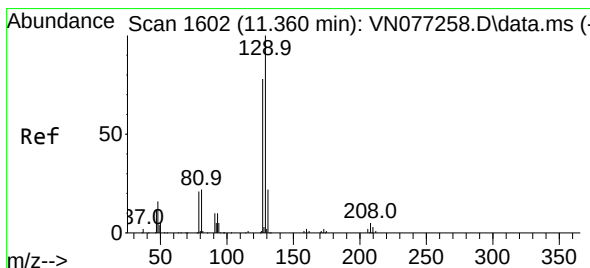
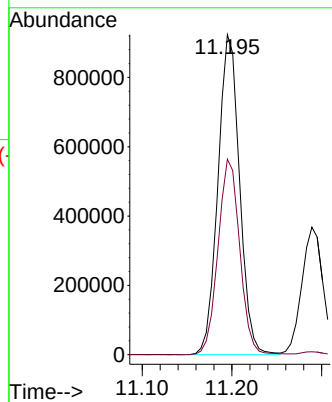
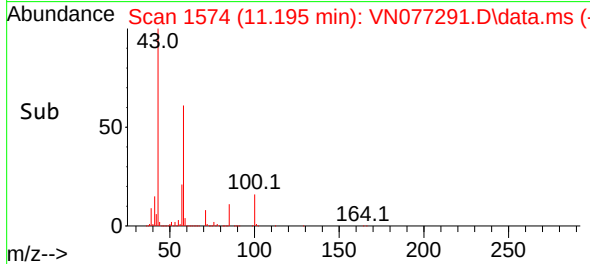
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1543974
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.5

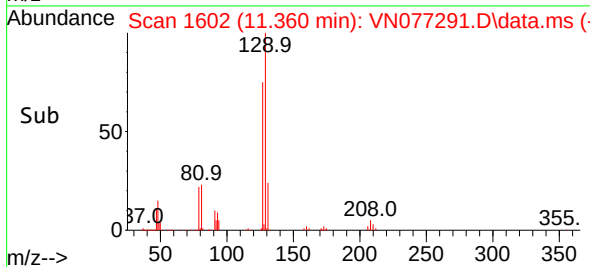
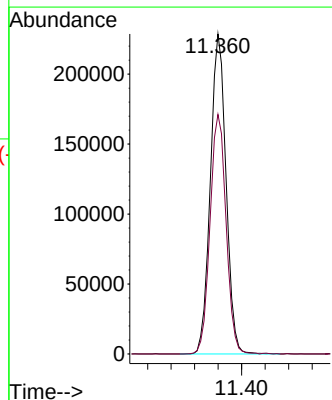
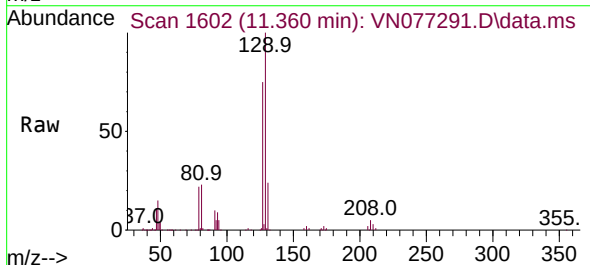
Manual Integrations
APPROVED

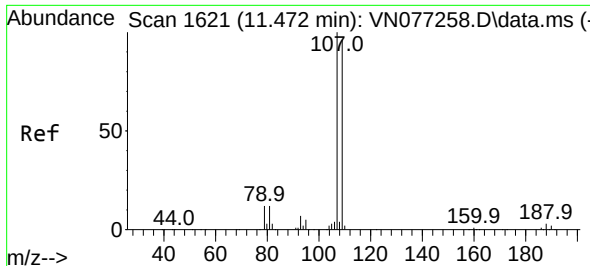
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#60
Dibromochloromethane
Concen: 50.414 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:129 Resp: 422233
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





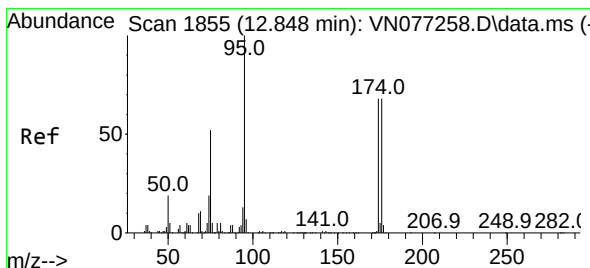
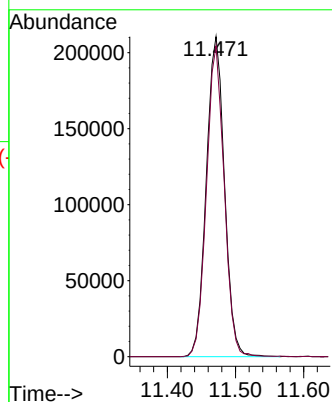
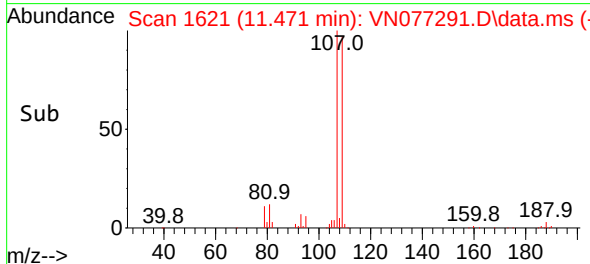
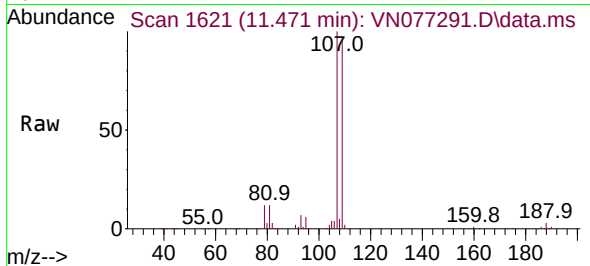
#61
1,2-Dibromoethane
Concen: 48.167 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 39096
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

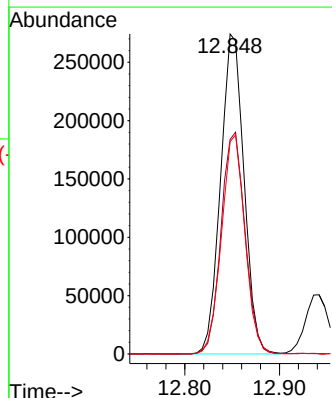
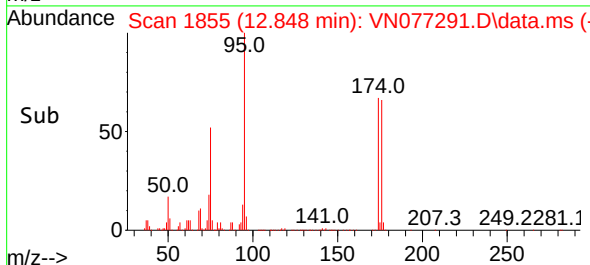
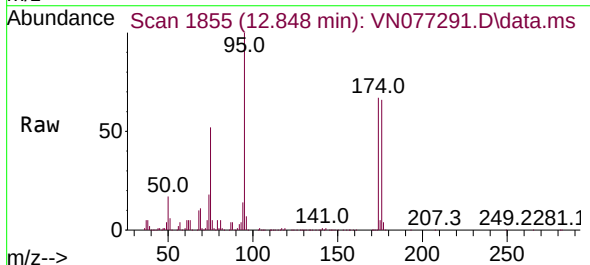
Manual Integrations
APPROVED

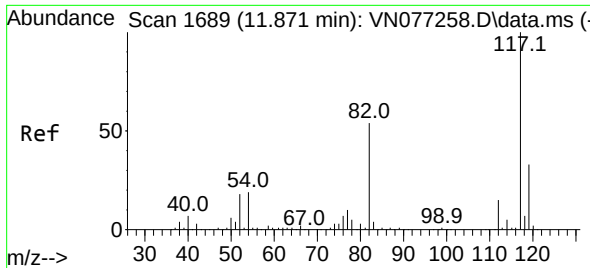
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#62
4-Bromofluorobenzene
Concen: 51.369 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

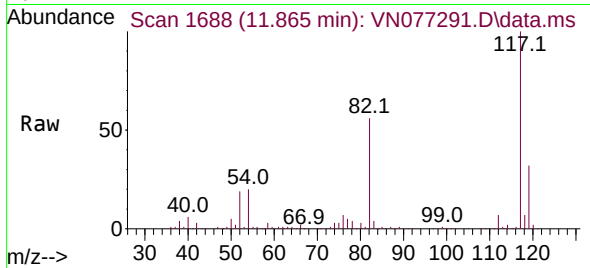
Tgt Ion: 95 Resp: 471857
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.8
176 68.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

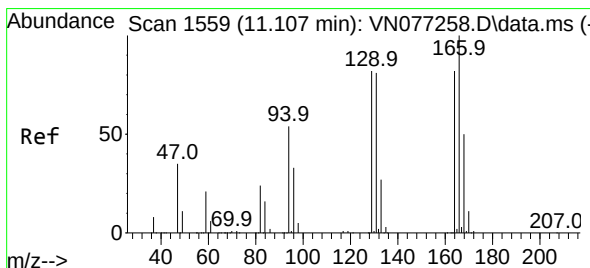
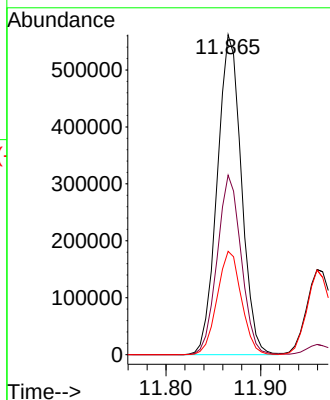
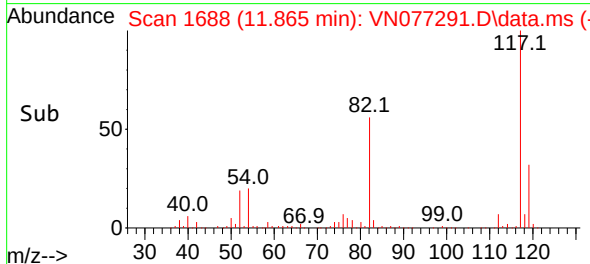
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 99890
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 32.3 26.2 39.4

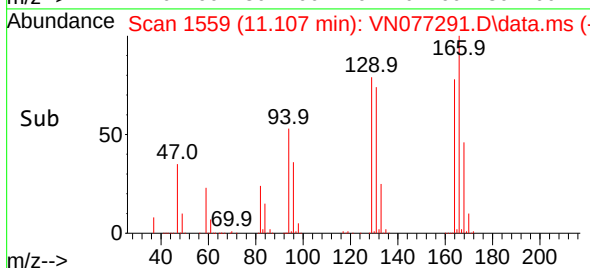
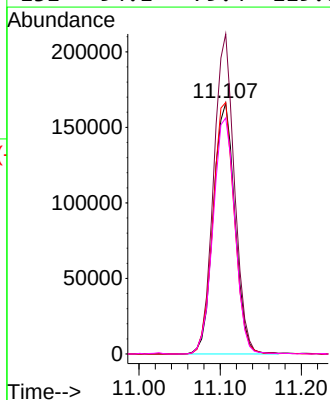
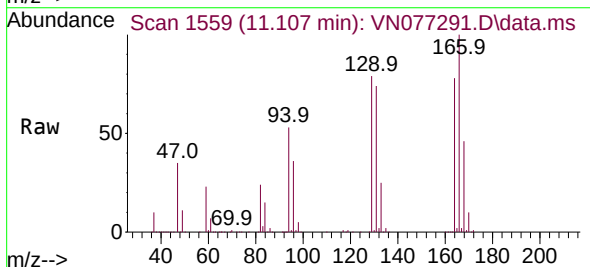
Manual Integrations
APPROVED

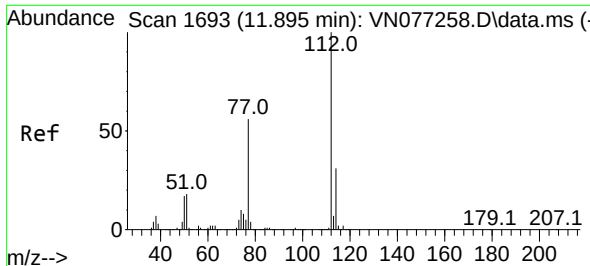
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#64
Tetrachloroethene
Concen: 49.692 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

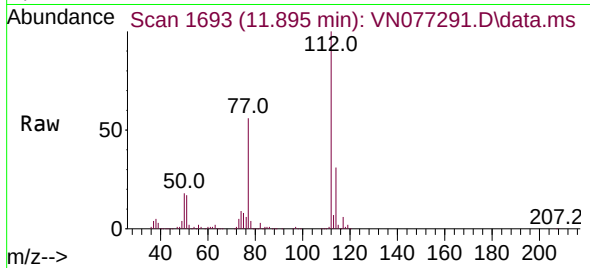
Tgt Ion:164 Resp: 306639
Ion Ratio Lower Upper
164 100
166 127.6 97.8 146.6
129 100.3 80.1 120.1
131 94.1 79.4 119.0





#65
Chlorobenzene
Concen: 48.579 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

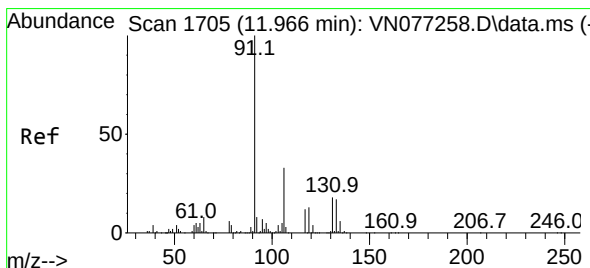
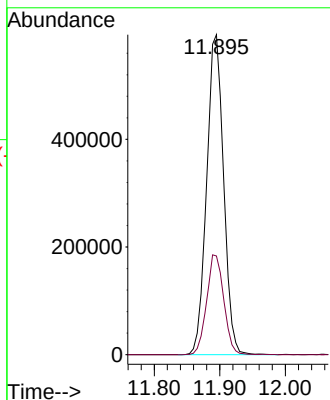
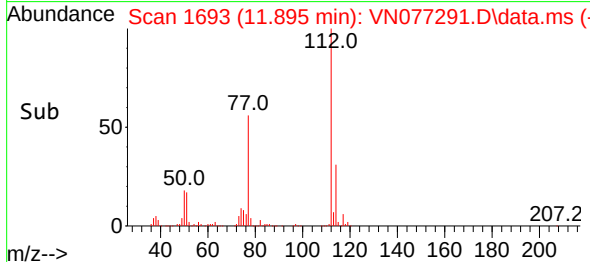
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



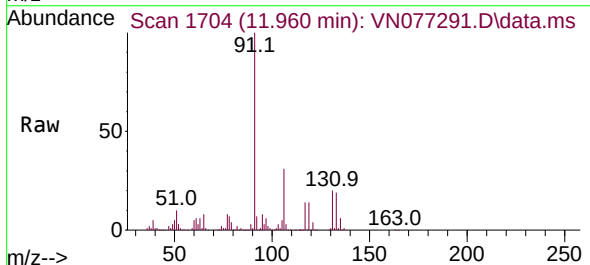
Tgt Ion:112 Resp: 106835
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8

Manual Integrations
APPROVED

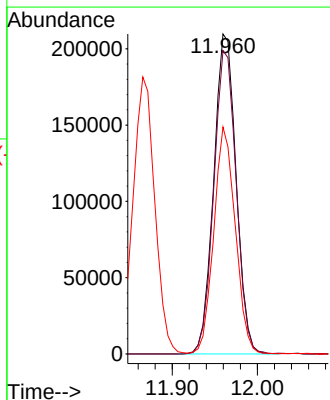
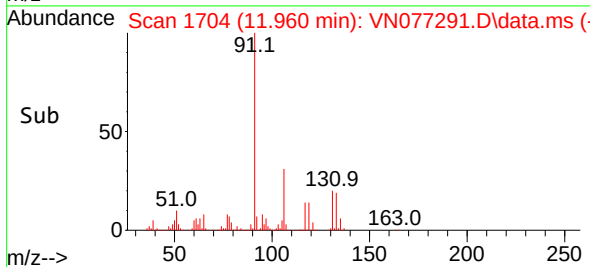
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

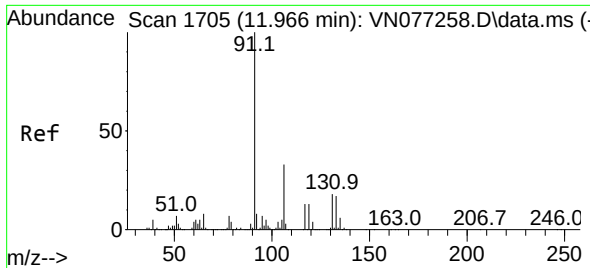


#66
1,1,1,2-Tetrachloroethane
Concen: 46.097 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



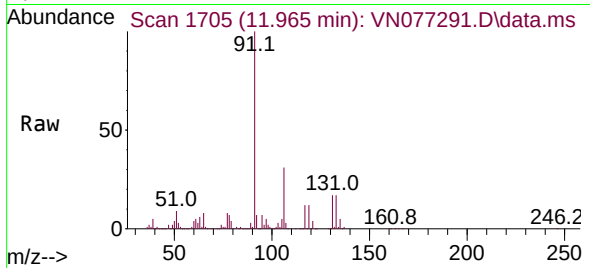
Tgt Ion:131 Resp: 383578
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.6
119 68.1 34.0 102.0





#67
Ethyl Benzene
Concen: 48.355 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

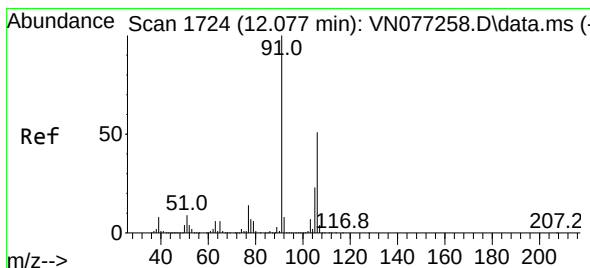
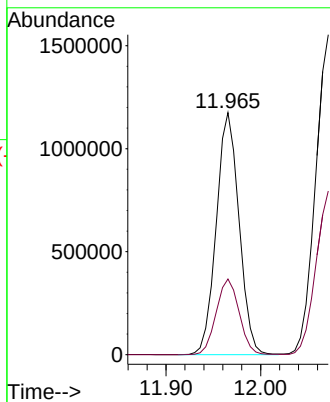
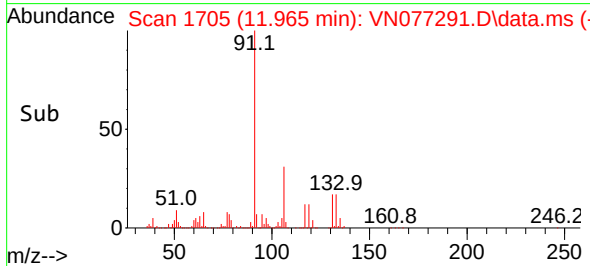
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



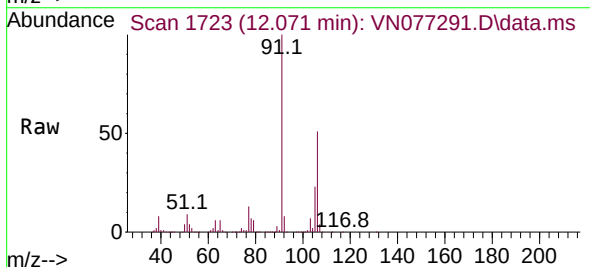
Tgt Ion: 91 Resp: 1962349
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2

Manual Integrations
APPROVED

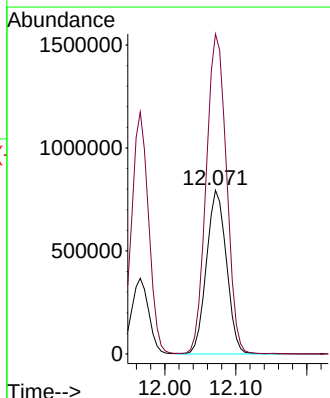
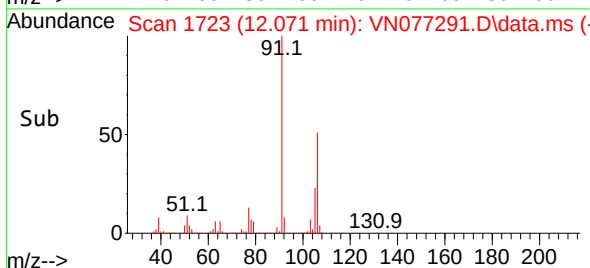
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

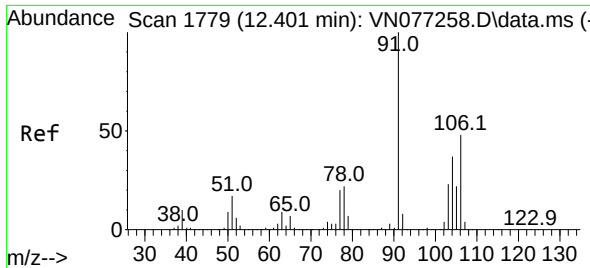


#68
m/p-Xylenes
Concen: 97.351 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



Tgt Ion:106 Resp: 1552324
Ion Ratio Lower Upper
106 100
91 197.9 158.7 238.1





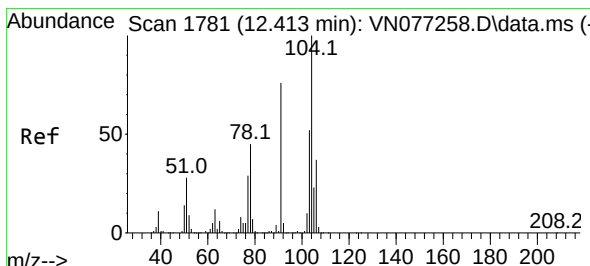
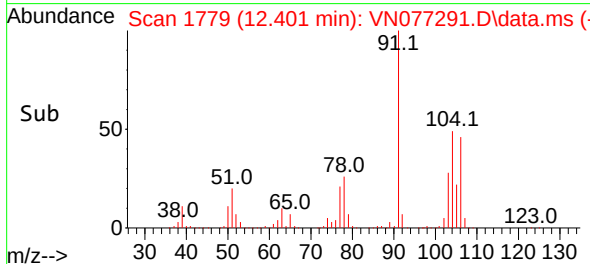
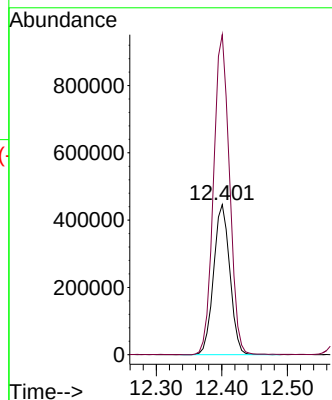
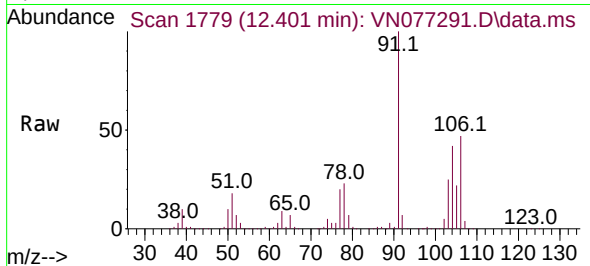
#69
o-Xylene
Concen: 48.679 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 76576
Ion Ratio Lower Upper
106 100
91 209.8 104.0 312.0

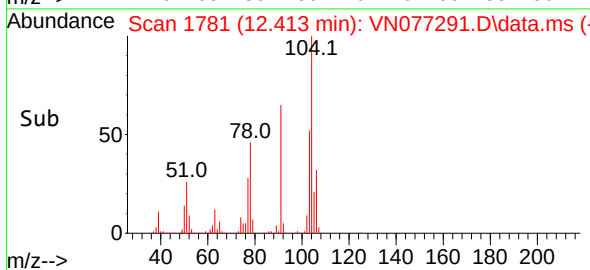
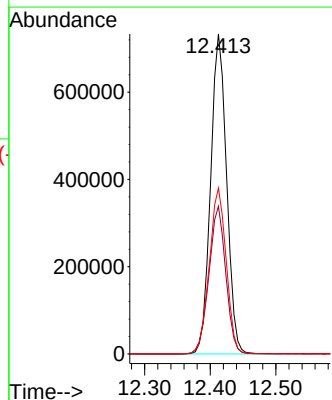
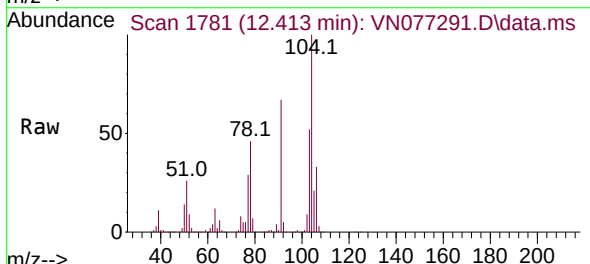
Manual Integrations
APPROVED

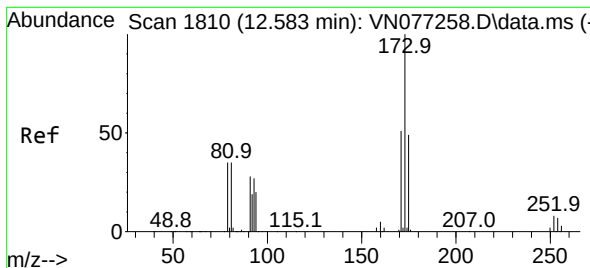
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#70
Styrene
Concen: 49.080 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:104 Resp: 1242426
Ion Ratio Lower Upper
104 100
78 48.7 38.0 57.0
103 55.0 43.1 64.7





#71

Bromoform

Concen: 47.619 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 27893

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

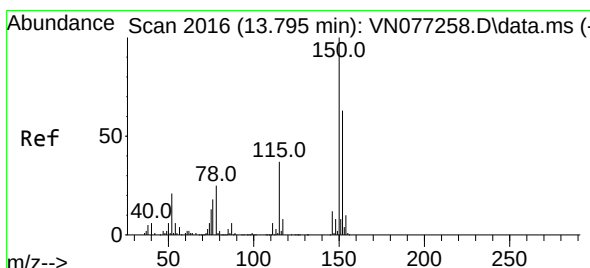
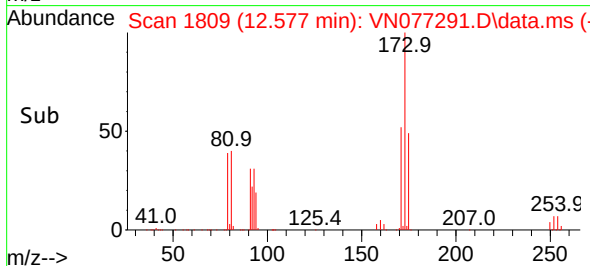
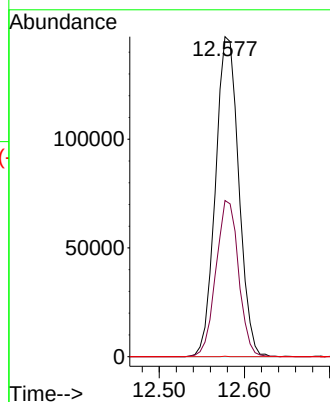
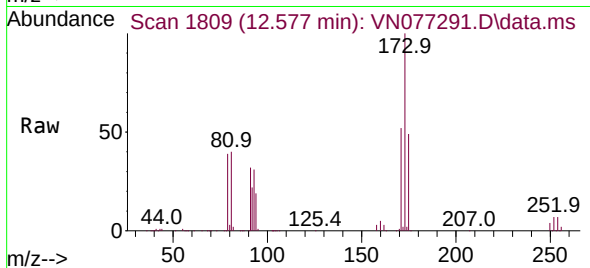
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

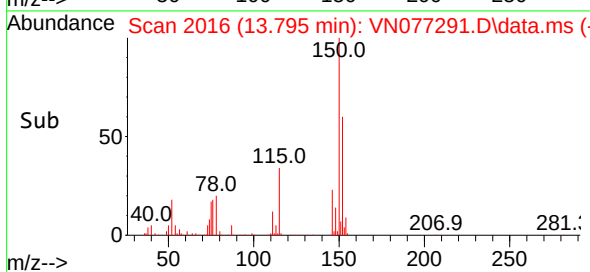
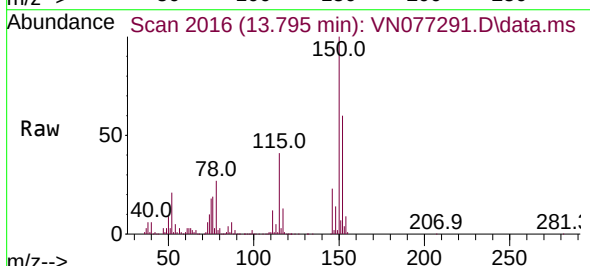
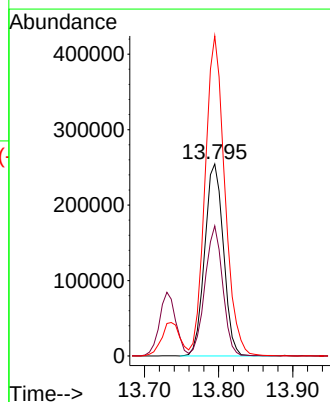
Tgt Ion:152 Resp: 445951

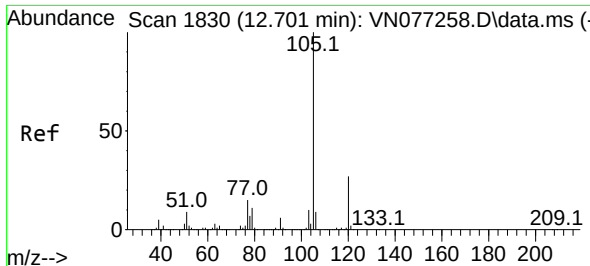
Ion Ratio Lower Upper

152 100

115 64.1 32.1 96.3

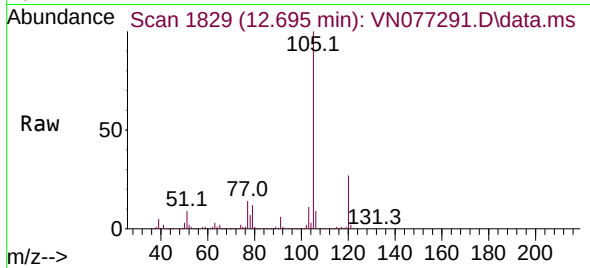
150 175.8 0.0 354.8





#73
Isopropylbenzene
Concen: 45.895 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

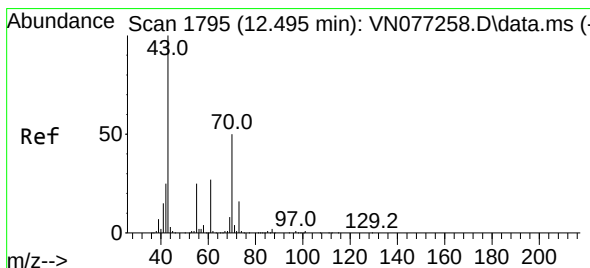
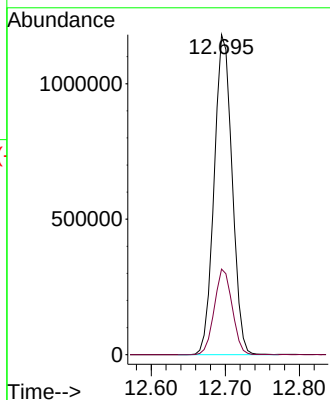
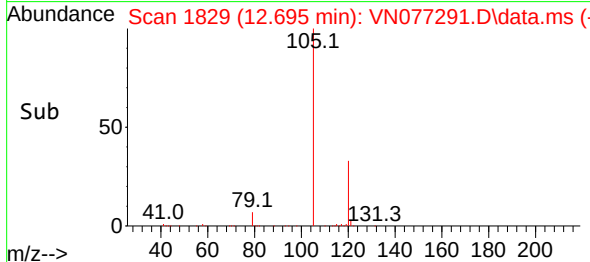
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1987934
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

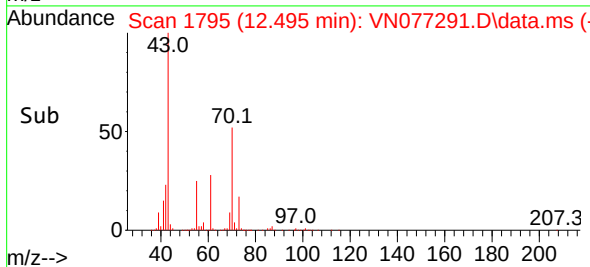
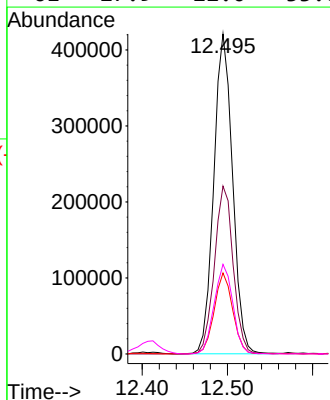
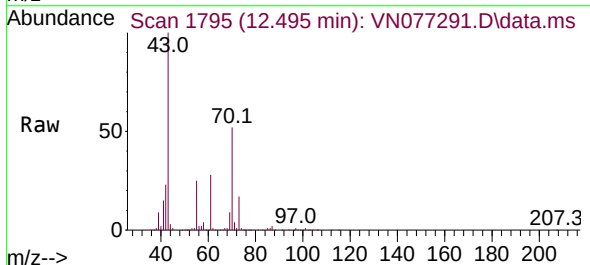
Manual Integrations
APPROVED

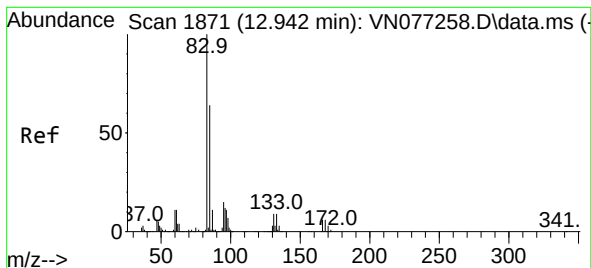
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#74
N-ethyl acetate
Concen: 39.196 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

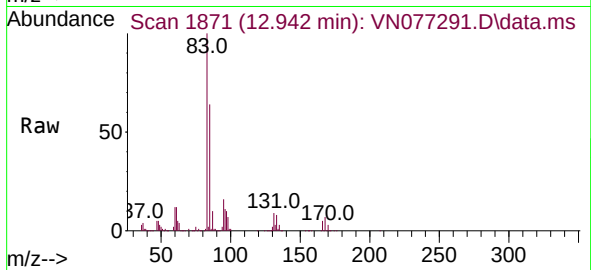
Tgt Ion: 43 Resp: 643396
Ion Ratio Lower Upper
43 100
70 52.6 41.0 61.6
55 25.0 19.3 28.9
61 27.9 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 41.387 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

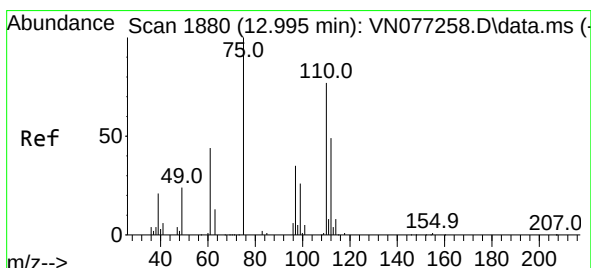
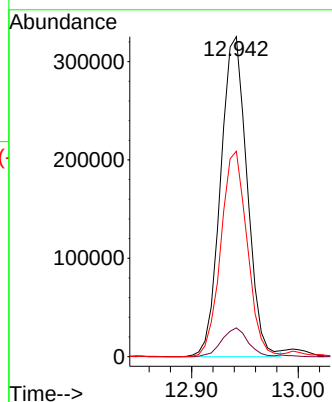
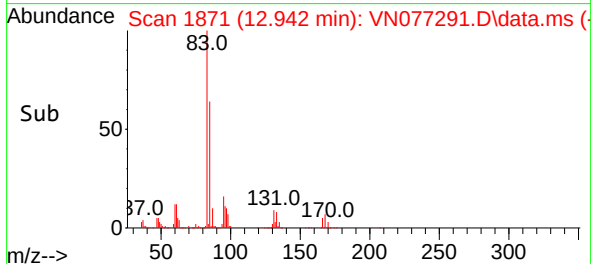
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



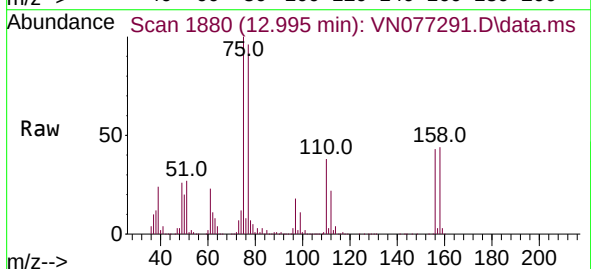
Tgt Ion: 83 Resp: 562588
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.6
85 63.9 32.1 96.3

Manual Integrations
APPROVED

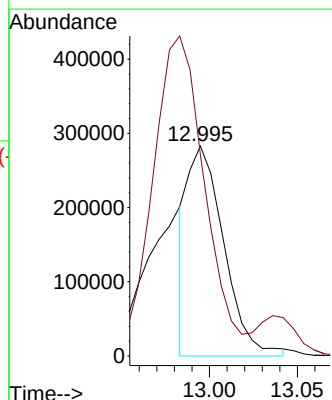
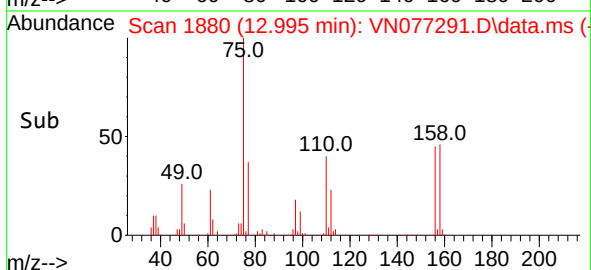
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

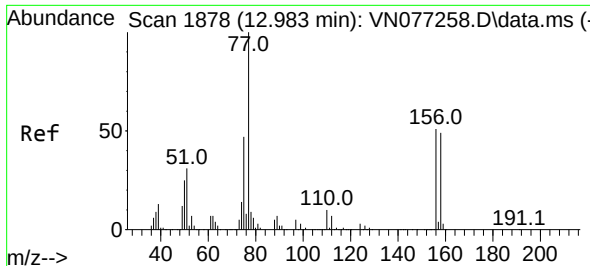


#76
1,2,3-Trichloropropane
Concen: 38.094 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



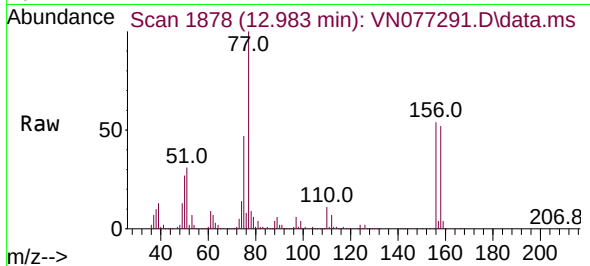
Tgt Ion: 75 Resp: 404531
Ion Ratio Lower Upper
75 100
77 218.2 88.3 264.9





#77
Bromobenzene
Concen: 45.614 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

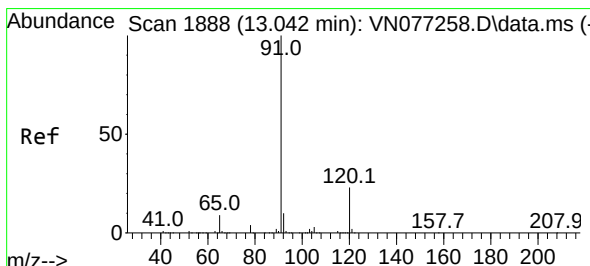
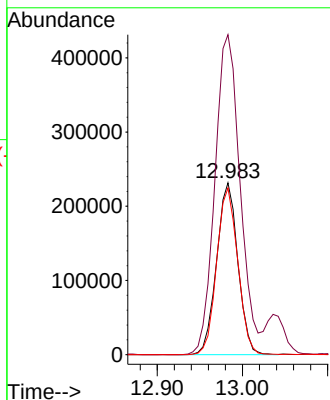
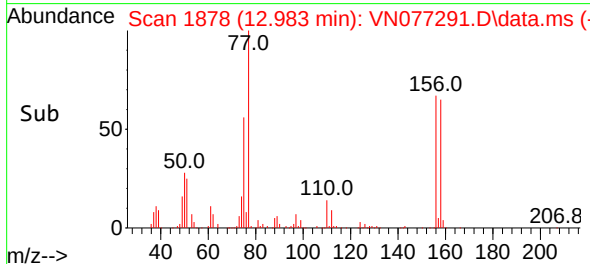
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



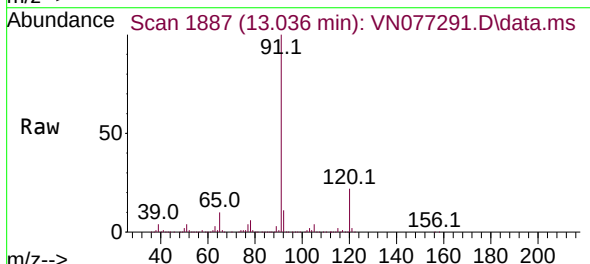
Tgt Ion: 156 Resp: 401730
Ion Ratio Lower Upper
156 100
77 219.7 115.3 345.8
158 96.2 49.3 147.8

Manual Integrations
APPROVED

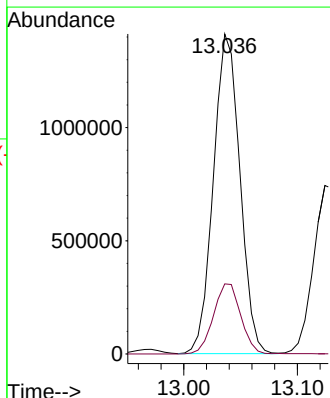
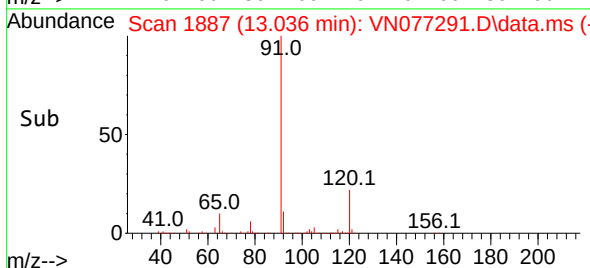
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

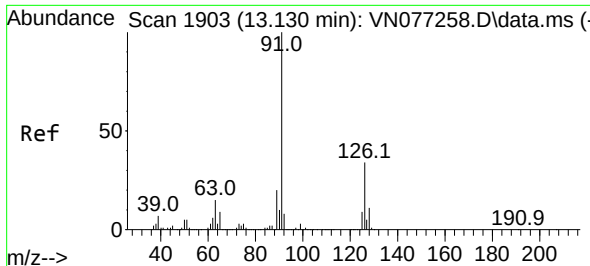


#78
n-propylbenzene
Concen: 47.854 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



Tgt Ion: 91 Resp: 2290251
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





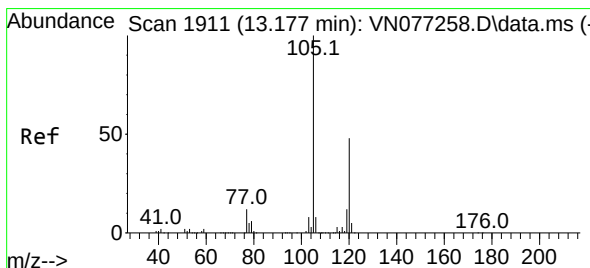
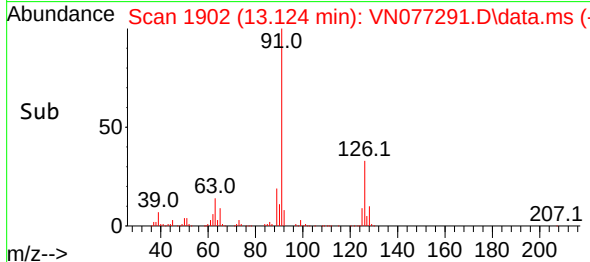
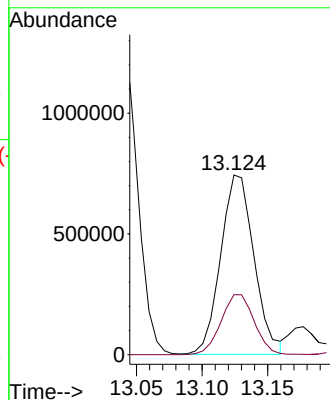
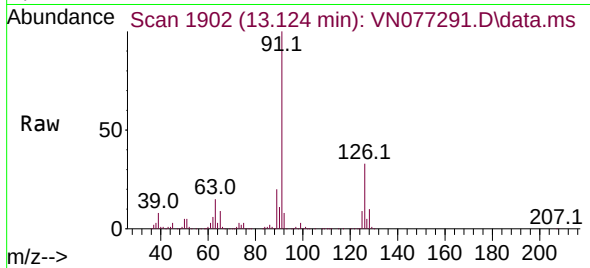
#79
2-Chlorotoluene
Concen: 45.685 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1316548
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4

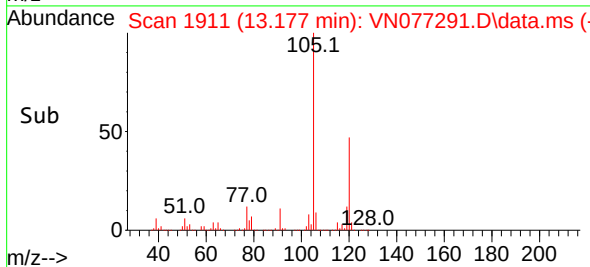
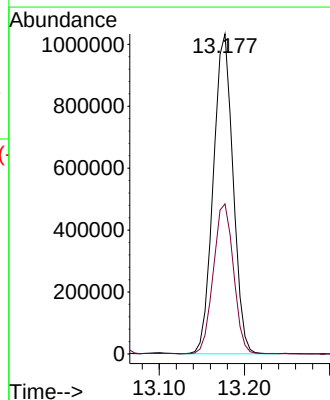
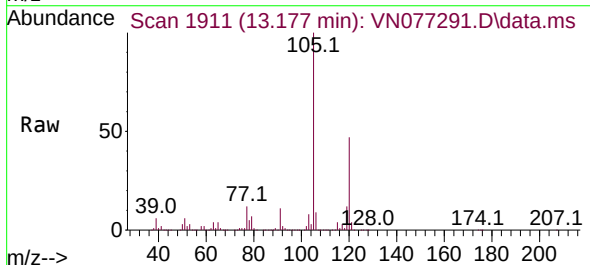
Manual Integrations
APPROVED

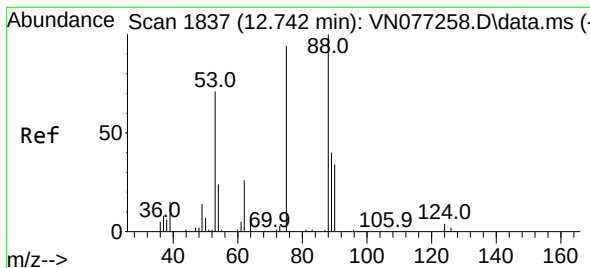
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.020 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

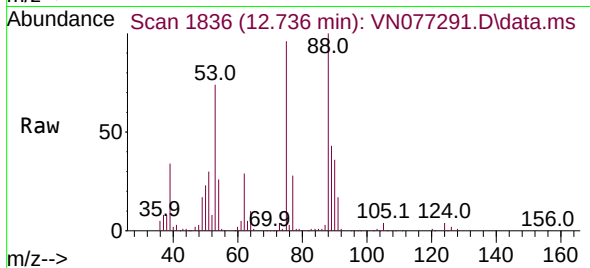
Tgt Ion:105 Resp: 1661278
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 46.828 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

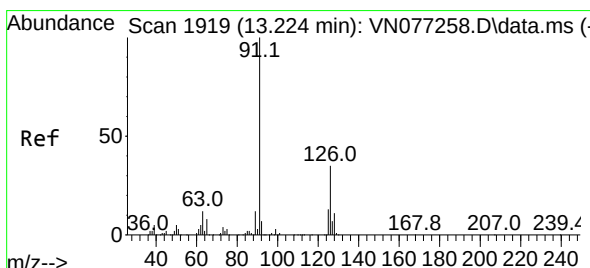
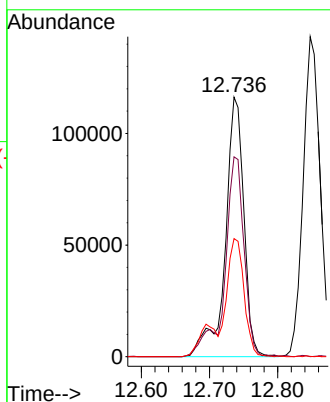
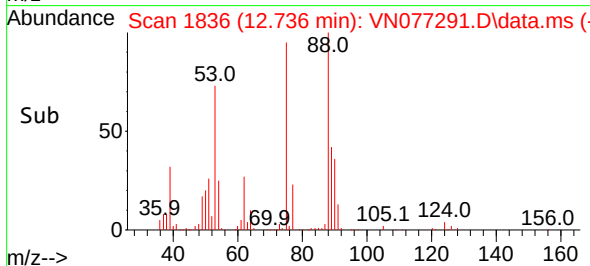
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 220980
Ion Ratio Lower Upper
75 100
53 79.8 72.8 109.2
89 41.8 37.4 56.2

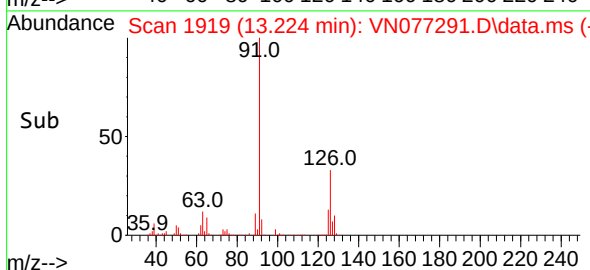
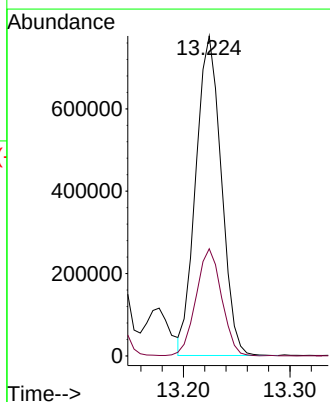
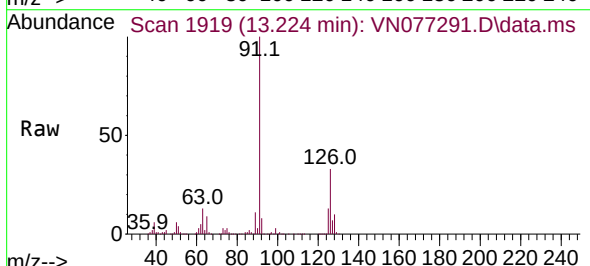
Manual Integrations
APPROVED

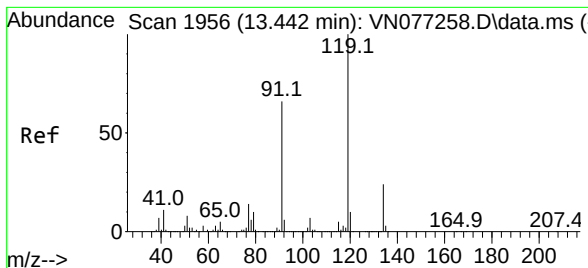
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#82
4-Chlorotoluene
Concen: 47.465 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

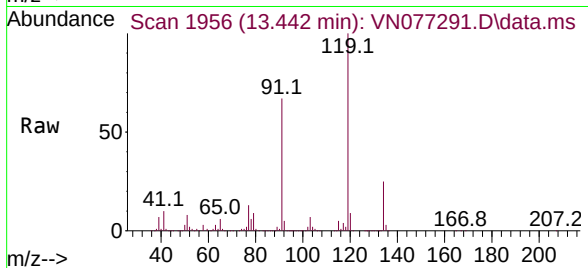
Tgt Ion: 91 Resp: 1289663
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 45.417 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

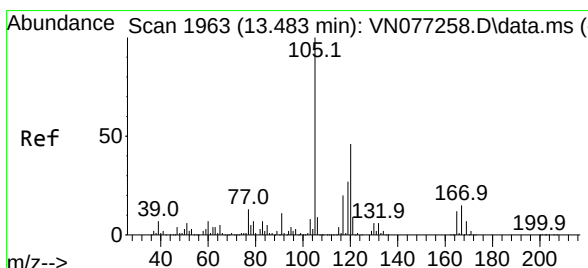
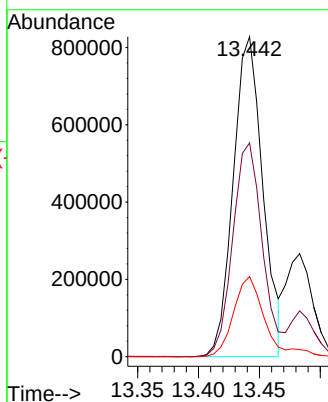
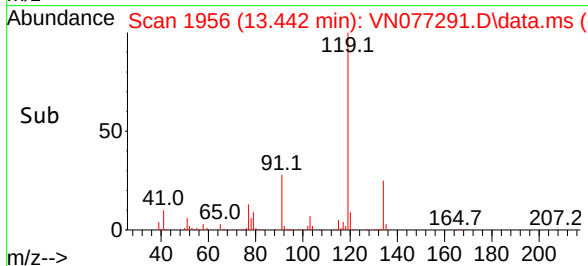
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



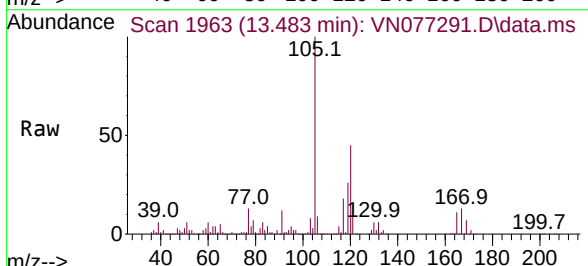
Tgt Ion:119 Resp: 1398578
Ion Ratio Lower Upper
119 100
91 67.6 33.5 100.4
134 26.5 13.3 39.9

Manual Integrations
APPROVED

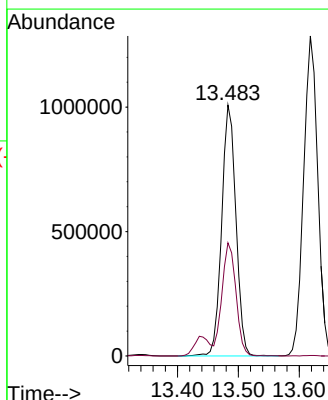
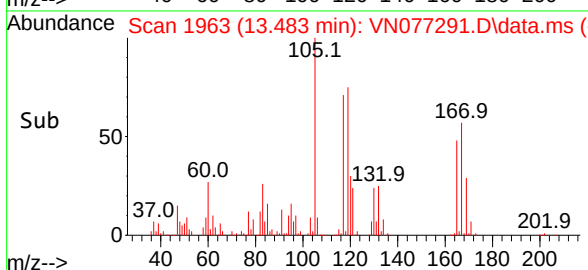
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

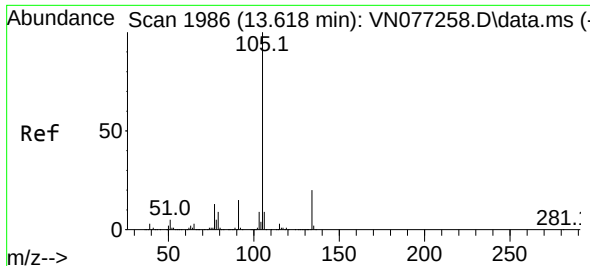


#84
1,2,4-Trimethylbenzene
Concen: 47.854 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16



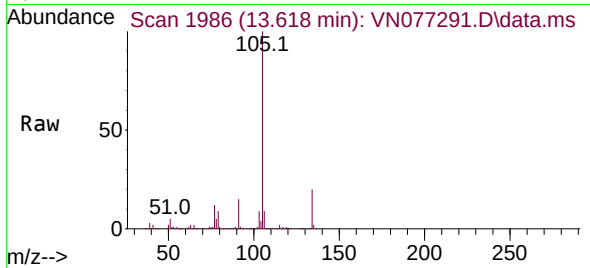
Tgt Ion:105 Resp: 1635594
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 48.483 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

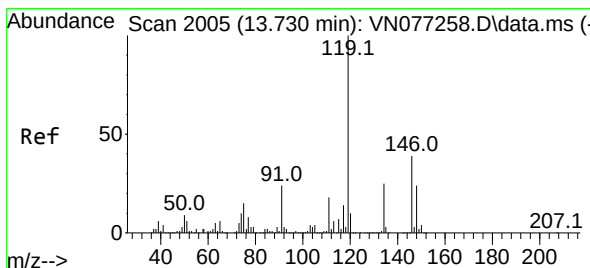
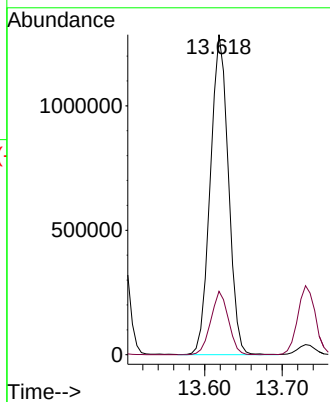
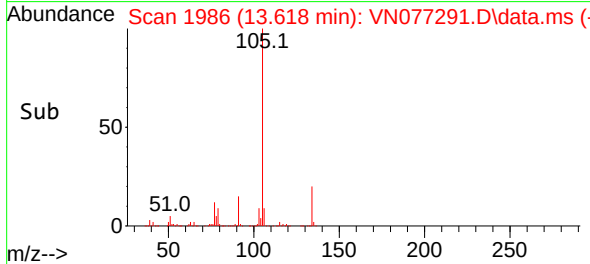
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



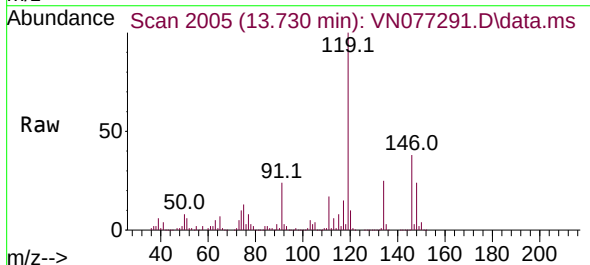
Tgt Ion:105 Resp: 2080692
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

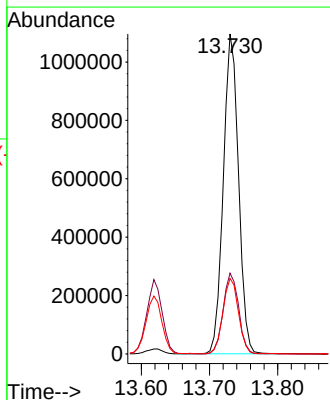
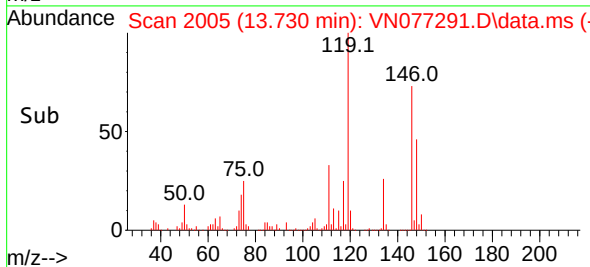
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

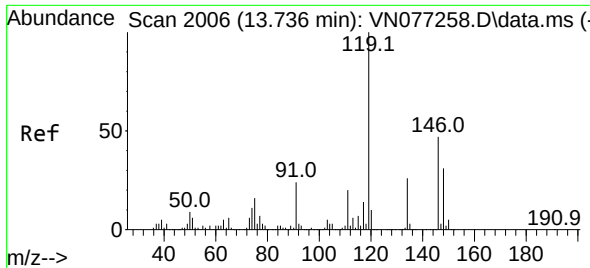


#86
 p-Isopropyltoluene
 Concen: 50.428 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16



Tgt Ion:119 Resp: 1700841
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 47.684 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 776959

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.4

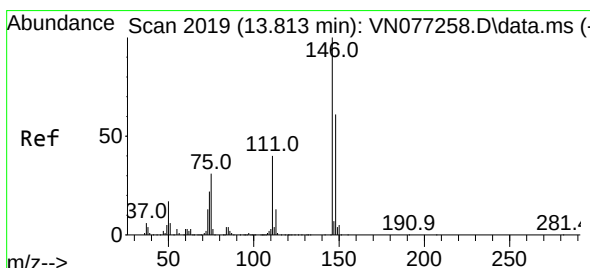
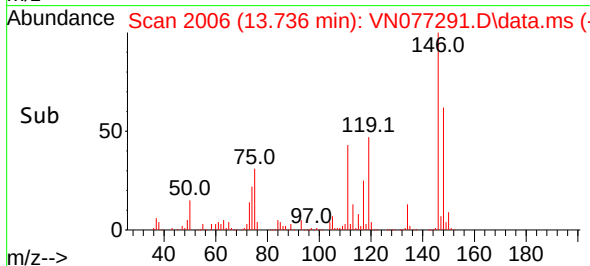
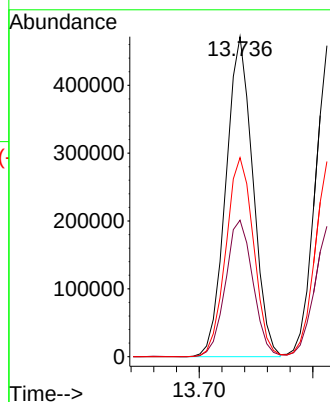
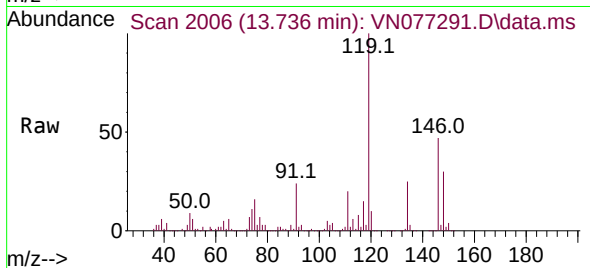
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#88

1,4-Dichlorobenzene

Concen: 47.867 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

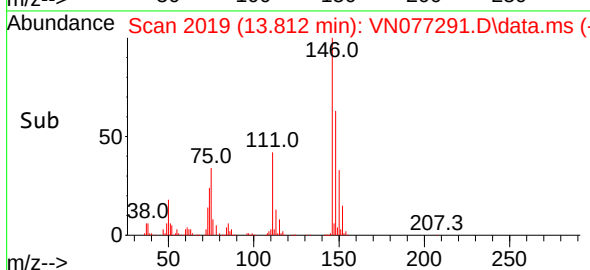
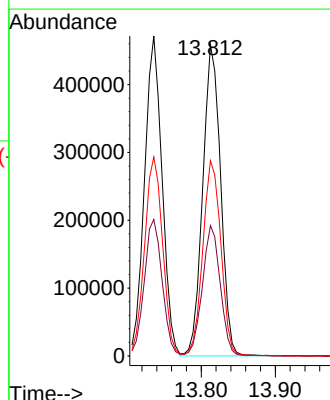
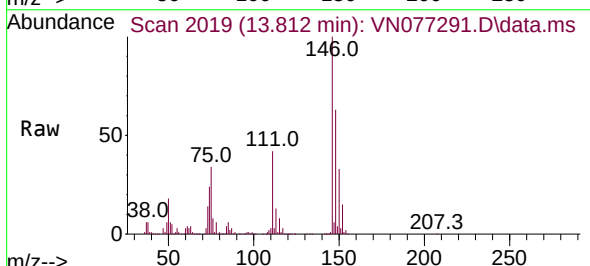
Tgt Ion:146 Resp: 769136

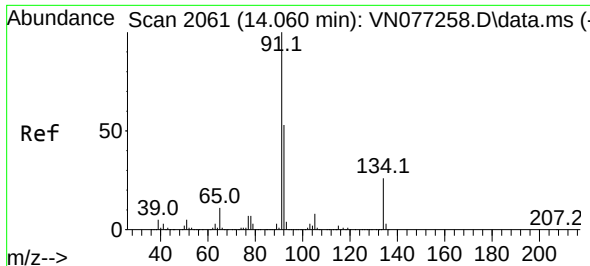
Ion Ratio Lower Upper

146 100

111 42.2 20.4 61.2

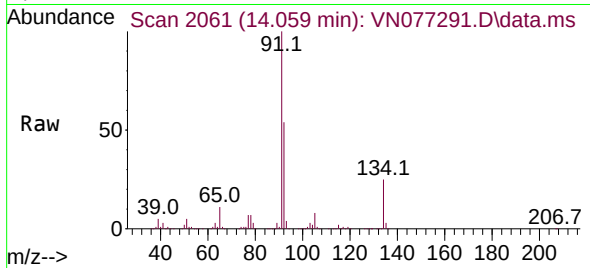
148 63.7 31.6 95.0





#89
n-Butylbenzene
Concen: 52.926 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

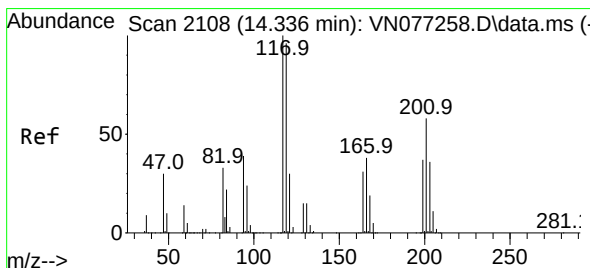
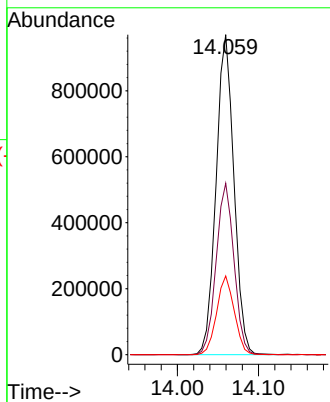
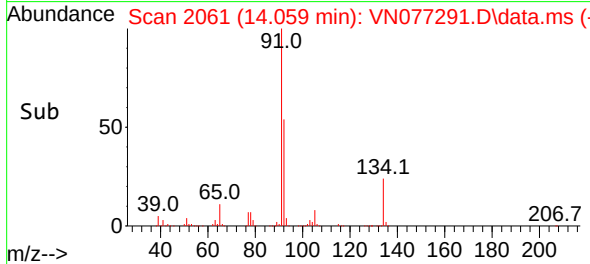
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1481914
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 24.4 12.8 38.3

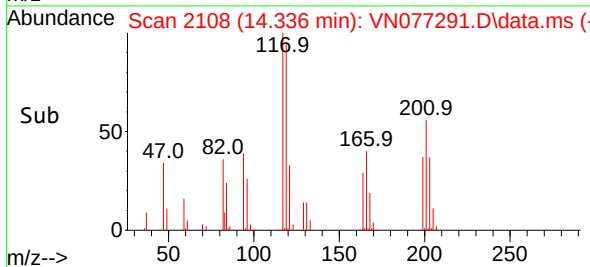
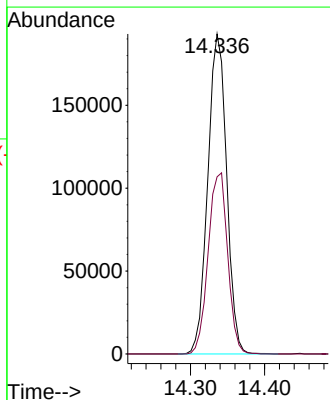
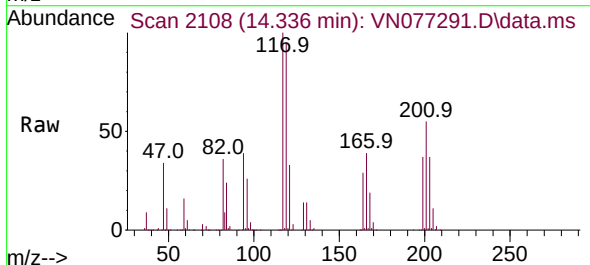
Manual Integrations
APPROVED

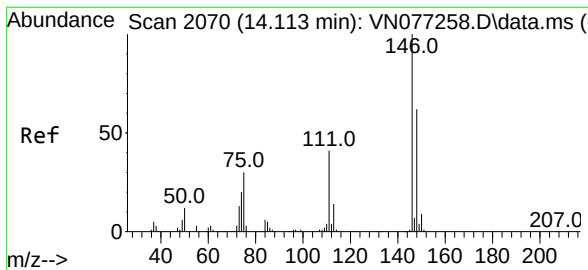
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#90
Hexachloroethane
Concen: 46.250 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:117 Resp: 341075
Ion Ratio Lower Upper
117 100
201 58.5 29.8 89.5





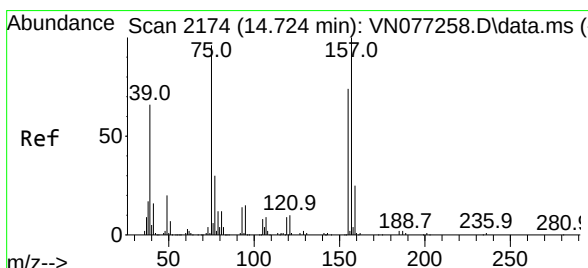
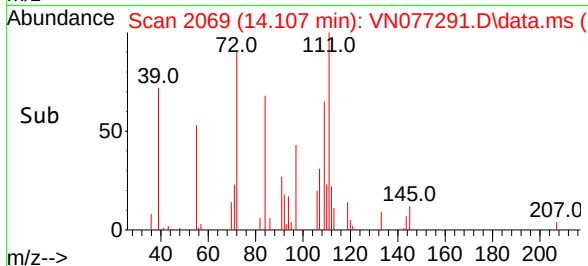
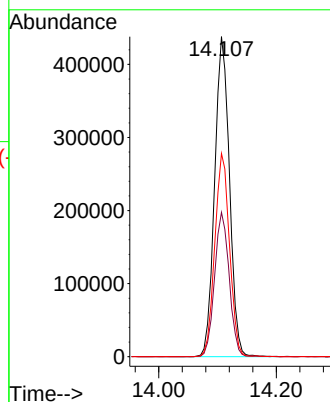
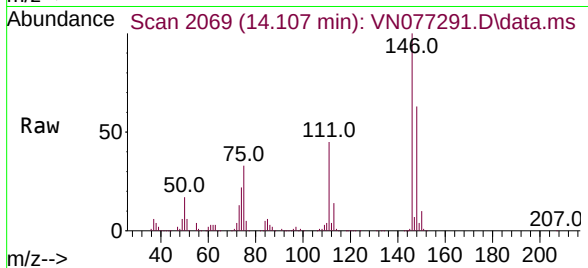
#91
1,2-Dichlorobenzene
Concen: 46.942 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 765180
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 63.0 31.9 95.5

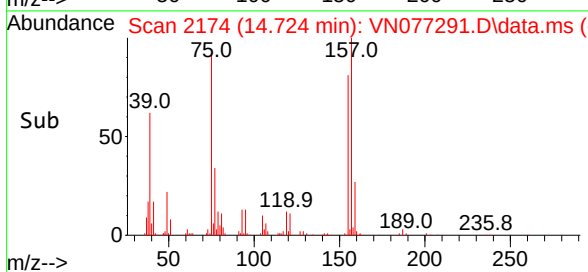
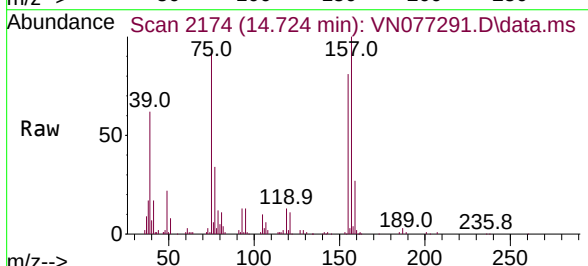
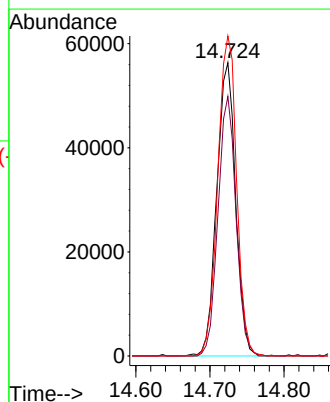
Manual Integrations
APPROVED

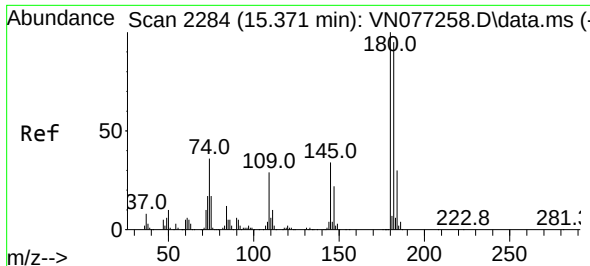
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.741 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

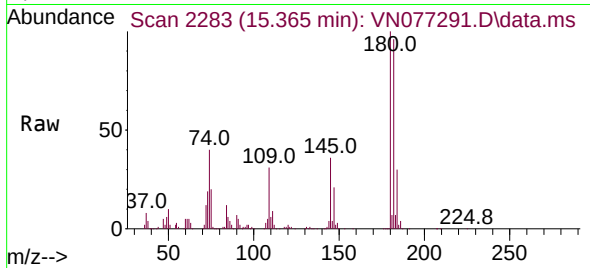
Tgt Ion: 75 Resp: 99803
Ion Ratio Lower Upper
75 100
155 84.1 41.0 123.2
157 108.9 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 56.426 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

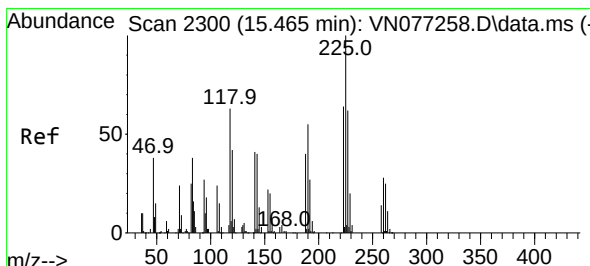
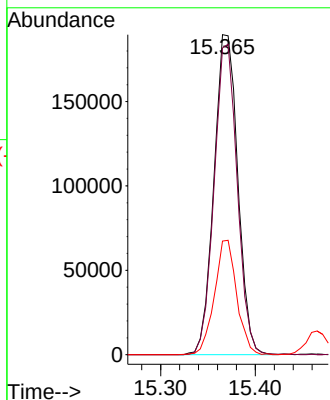
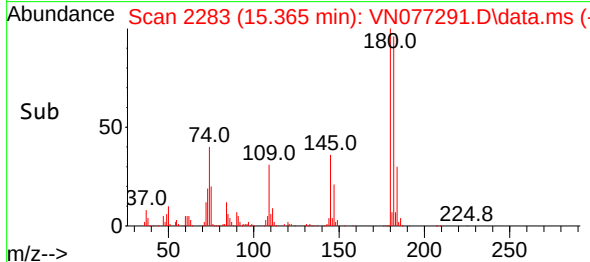
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 332020
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.0
145 33.5 16.6 49.8

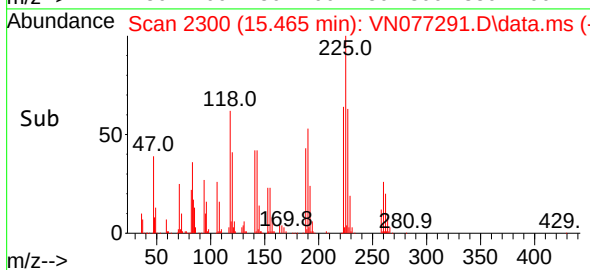
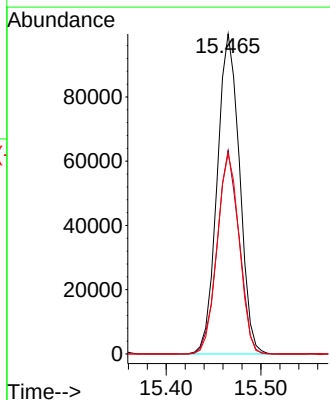
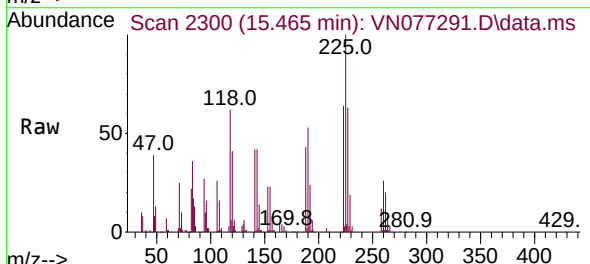
Manual Integrations
APPROVED

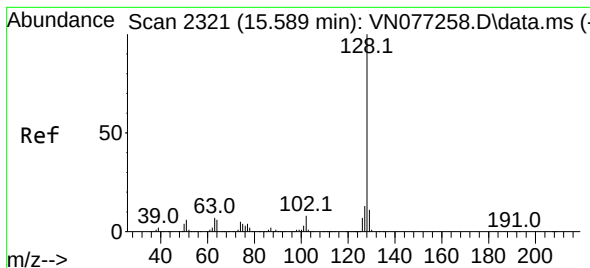
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#94
Hexachlorobutadiene
Concen: 47.982 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:225 Resp: 163431
Ion Ratio Lower Upper
225 100
223 62.2 31.7 95.1
227 61.7 31.2 93.6





#95

Naphthalene

Concen: 52.255 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 115506

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

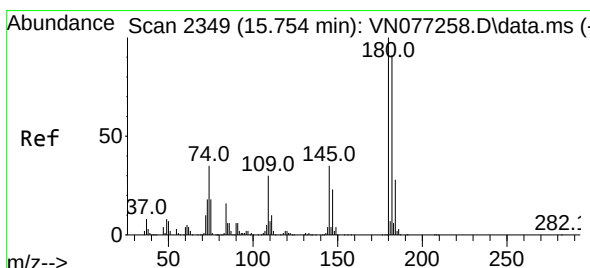
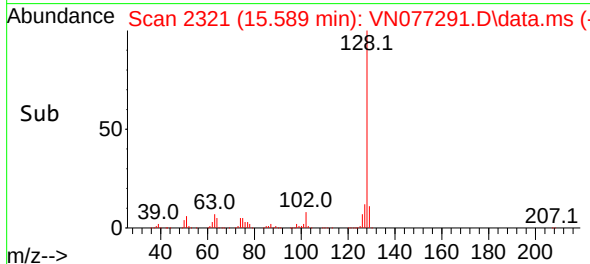
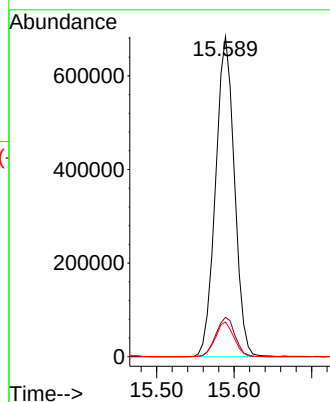
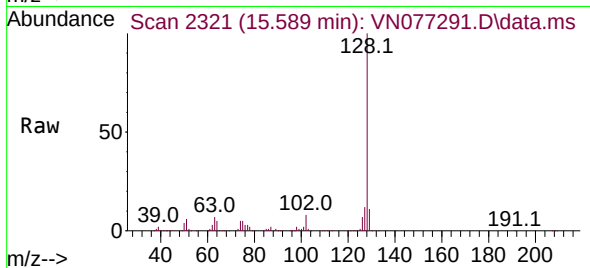
129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 54.336 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Tgt Ion:180 Resp: 305823

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.8

145 34.6 17.6 52.8

