

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077038.D
 Acq On : 17 Mar 2023 17:21
 Operator : JC\MD
 Sample : VN0317WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 02:31:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	354867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	635296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	561761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	242560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	262685	46.342	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.680%		
35) Dibromofluoromethane	8.172	113	190729	42.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.740%		
50) Toluene-d8	10.572	98	715905	45.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.100%		
62) 4-Bromofluorobenzene	12.854	95	253453	45.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	64115	18.375	ug/l	99
3) Chloromethane	2.372	50	59910	16.756	ug/l #	88
4) Vinyl Chloride	2.525	62	66680	17.278	ug/l	94
5) Bromomethane	2.972	94	49214	18.879	ug/l	98
6) Chloroethane	3.131	64	42337	17.337	ug/l	93
7) Trichlorofluoromethane	3.507	101	152698	18.392	ug/l	99
8) Diethyl Ether	3.972	74	60082	19.229	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	87435	18.565	ug/l	99
10) Methyl Iodide	4.601	142	100976	19.036	ug/l	98
11) Tert butyl alcohol	5.531	59	89764	108.676	ug/l	99
12) 1,1-Dichloroethene	4.354	96	78638	18.252	ug/l	95
13) Acrolein	4.190	56	111383	109.026	ug/l	100
14) Allyl chloride	5.037	41	160368	20.332	ug/l	95
15) Acrylonitrile	5.731	53	278398	100.259	ug/l	99
16) Acetone	4.443	43	241483	95.610	ug/l	100
17) Carbon Disulfide	4.725	76	219076	17.439	ug/l	97
18) Methyl Acetate	5.037	43	192817	20.245	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	311414	20.140	ug/l	98
20) Methylene Chloride	5.296	84	107829	19.671	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	86517	18.527	ug/l	99
22) Diisopropyl ether	6.684	45	350038	20.256	ug/l	98
23) Vinyl Acetate	6.613	43	1118931	102.607	ug/l	100
24) 1,1-Dichloroethane	6.578	63	185570	18.766	ug/l	98
25) 2-Butanone	7.489	43	373497	101.089	ug/l	96
26) 2,2-Dichloropropane	7.495	77	140686	18.908	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	104496	19.538	ug/l	99
28) Bromochloromethane	7.819	49	76171	17.737	ug/l	99
29) Tetrahydrofuran	7.848	42	256754	107.239	ug/l	98
30) Chloroform	7.972	83	183160	19.083	ug/l	99
31) Cyclohexane	8.266	56	175248	18.896	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	155658	18.975	ug/l	97
36) 1,1-Dichloropropene	8.378	75	131956	18.989	ug/l	100
37) Ethyl Acetate	7.566	43	153579	20.656	ug/l	99
38) Carbon Tetrachloride	8.372	117	128093	18.925	ug/l	99
39) Methylcyclohexane	9.607	83	154367	18.978	ug/l	98
40) Benzene	8.613	78	407991	19.359	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	81777	20.880	ug/l	97
42) 1,2-Dichloroethane	8.678	62	148478	19.497	ug/l	99
43) Isopropyl Acetate	8.695	43	238242	20.512	ug/l	99
44) Trichloroethene	9.354	130	87744	18.126	ug/l	90
45) 1,2-Dichloropropane	9.625	63	110386	19.721	ug/l	97
46) Dibromomethane	9.713	93	68181	19.314	ug/l	98
47) Bromodichloromethane	9.889	83	143033	19.319	ug/l	98
48) Methyl methacrylate	9.683	41	116657	21.009	ug/l	100
49) 1,4-Dioxane	9.701	88	40327	425.223	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	763057	105.501	ug/l	100
52) Toluene	10.630	92	248868	19.778	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	146720	20.219	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	164114	20.045	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	99038	19.959	ug/l	95
56) Ethyl methacrylate	10.878	69	156417	20.963	ug/l	99
57) 1,3-Dichloropropane	11.166	76	177702	19.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	330767	103.982	ug/l	99
59) 2-Hexanone	11.201	43	546416	104.159	ug/l	99
60) Dibromochloromethane	11.360	129	98978	19.858	ug/l	100
61) 1,2-Dibromoethane	11.472	107	95096	19.326	ug/l	100
64) Tetrachloroethene	11.107	164	71621	18.997	ug/l	97
65) Chlorobenzene	11.895	112	248097	19.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	90924	19.011	ug/l	99
67) Ethyl Benzene	11.966	91	462075	19.682	ug/l	98
68) m/p-Xylenes	12.072	106	342880	39.380	ug/l	98
69) o-Xylene	12.401	106	167833	19.399	ug/l	98
70) Styrene	12.413	104	274137	20.353	ug/l	99
71) Bromoform	12.583	173	63564	19.613	ug/l #	100
73) Isopropylbenzene	12.701	105	437503	20.127	ug/l	100
74) N-amyl acetate	12.495	43	199368	21.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151275	19.209	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	135582m	21.610	ug/l	
77) Bromobenzene	12.983	156	96044	19.724	ug/l	98
78) n-propylbenzene	13.042	91	510063	20.326	ug/l	99
79) 2-Chlorotoluene	13.130	91	326491	20.419	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	378629	20.863	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	44128	19.360	ug/l	94
82) 4-Chlorotoluene	13.224	91	310985	20.453	ug/l	100
83) tert-Butylbenzene	13.442	119	311609	20.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	380912	21.032	ug/l	99
85) sec-Butylbenzene	13.619	105	448954	20.712	ug/l	100
86) p-Isopropyltoluene	13.736	119	364970	20.967	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	179962	19.554	ug/l	98
88) 1,4-Dichlorobenzene	13.819	146	172435	18.832	ug/l	98
89) n-Butylbenzene	14.060	91	305308	19.993	ug/l	100
90) Hexachloroethane	14.336	117	68646	19.397	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	178259	19.432	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	29935	20.514	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	83025	20.020	ug/l	98
94) Hexachlorobutadiene	15.501	225	43516	19.054	ug/l	98
95) Naphthalene	15.648	128	282826	18.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	85114	20.454	ug/l	98

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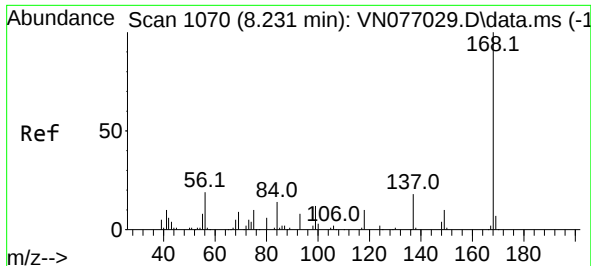
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

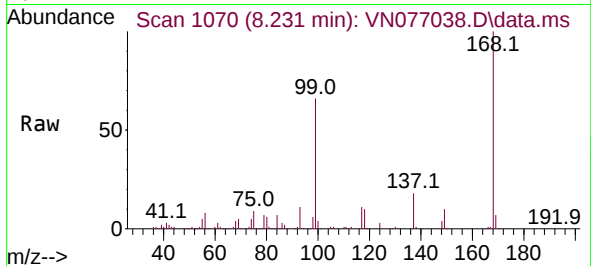
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077038.D
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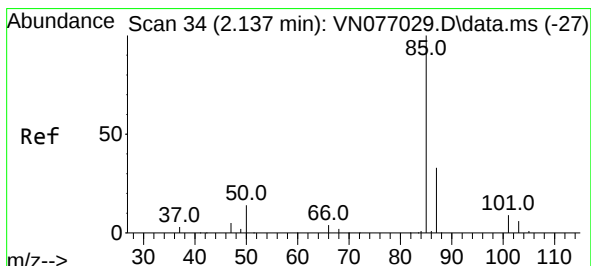
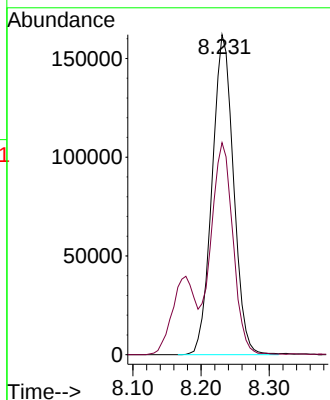
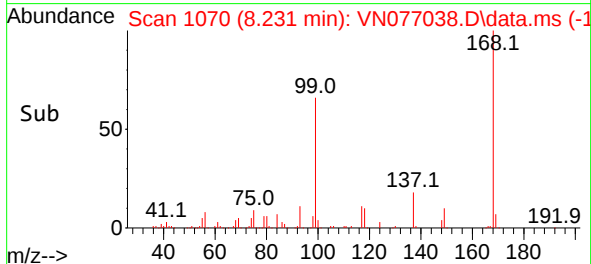
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:168 Resp: 35486
Ion Ratio Lower Upper
168 100
99 66.1 53.9 80.9

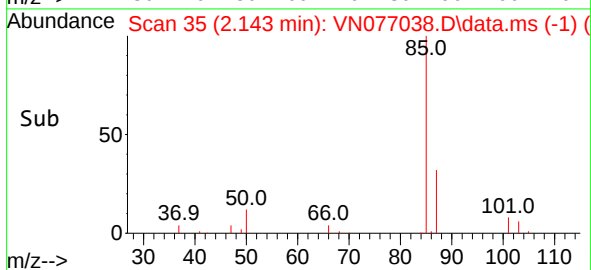
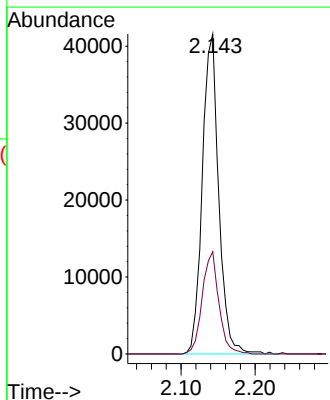
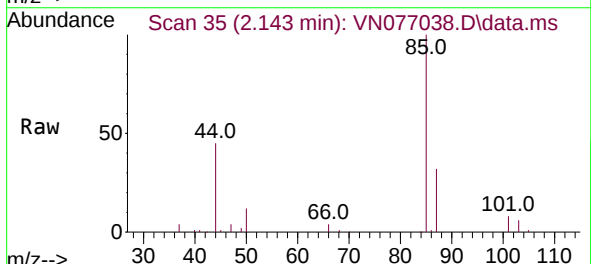
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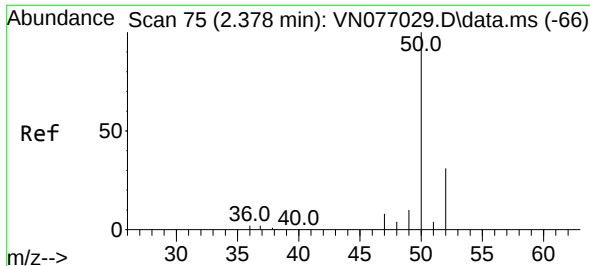
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 18.375 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 85 Resp: 64115
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2





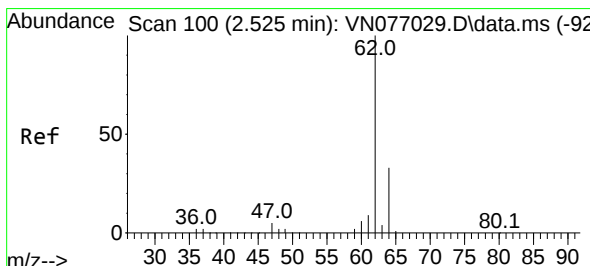
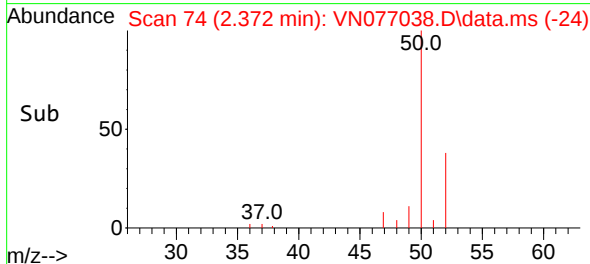
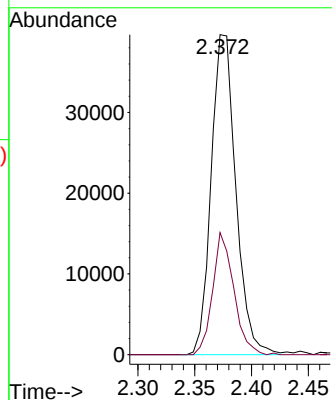
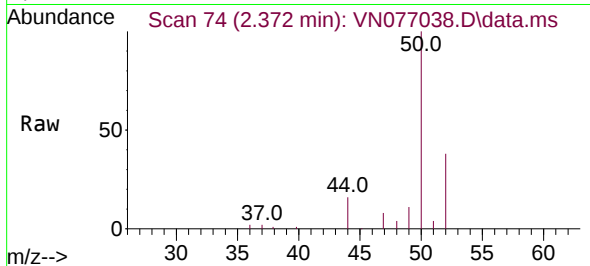
#3
Chloromethane
Concen: 16.756 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
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Tgt Ion: 50 Resp: 59910
Ion Ratio Lower Upper
50 100
52 38.2 25.1 37.7

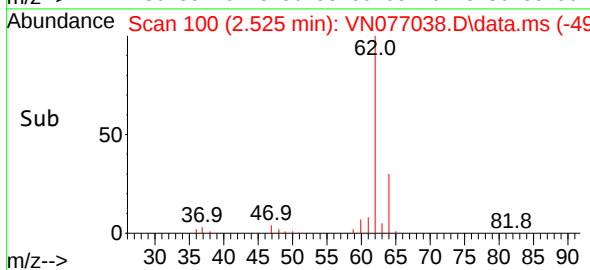
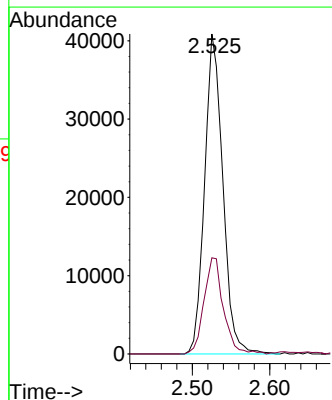
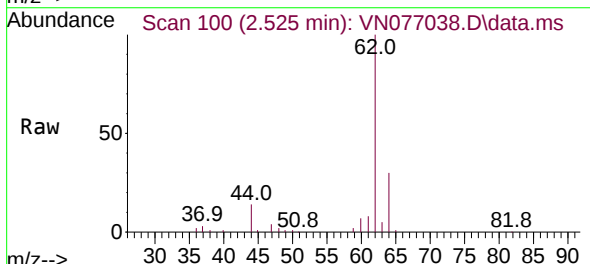
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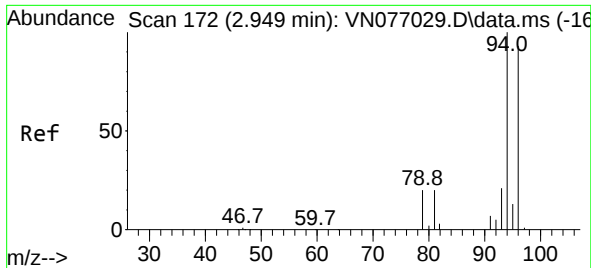
Reviewed By :John Carlone 03/20/2023
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#4
Vinyl Chloride
Concen: 17.278 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

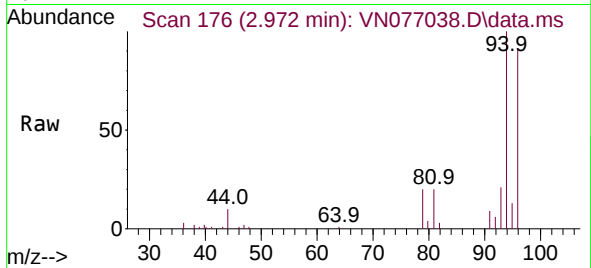
Tgt Ion: 62 Resp: 66680
Ion Ratio Lower Upper
62 100
64 30.0 26.6 40.0





#5
Bromomethane
Concen: 18.879 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

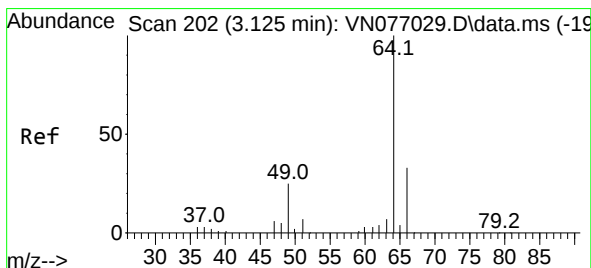
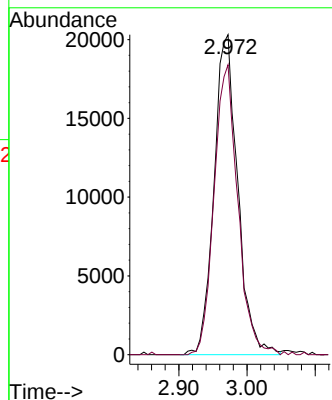
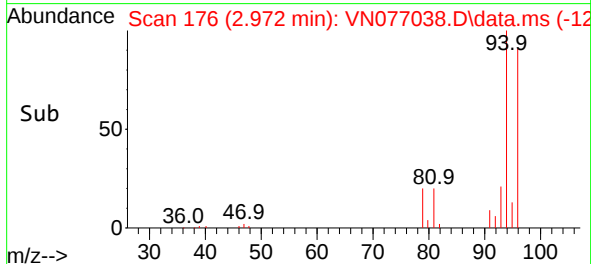
Instrument :
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Tgt Ion: 94 Resp: 49214
Ion Ratio Lower Upper
94 100
96 90.6 74.1 111.1

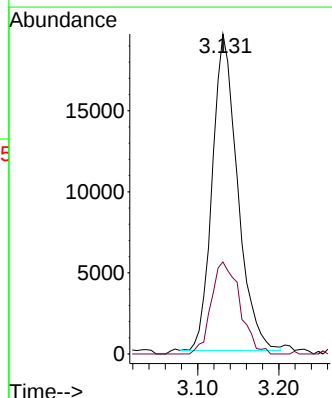
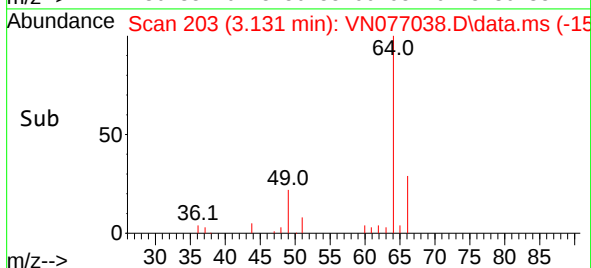
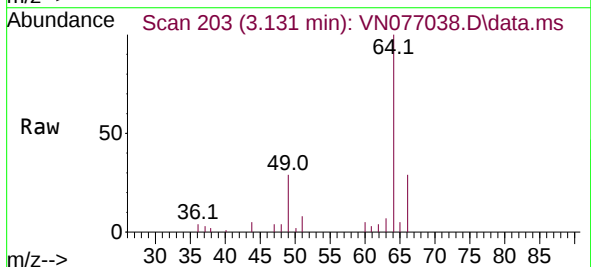
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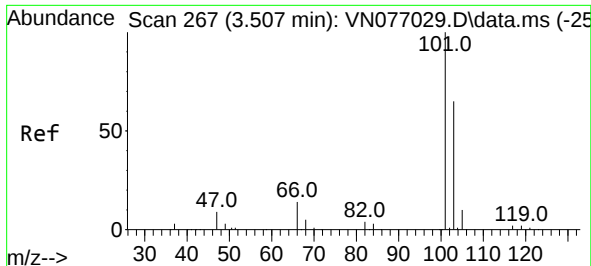
Reviewed By :John Carlone 03/20/2023
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#6
Chloroethane
Concen: 17.337 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

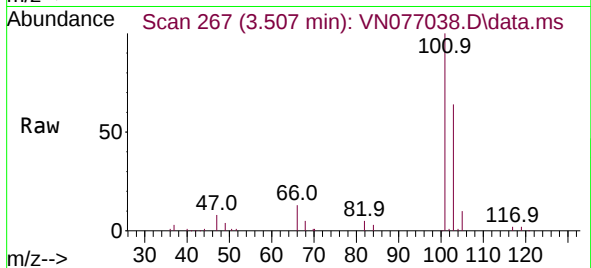
Tgt Ion: 64 Resp: 42337
Ion Ratio Lower Upper
64 100
66 29.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.392 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

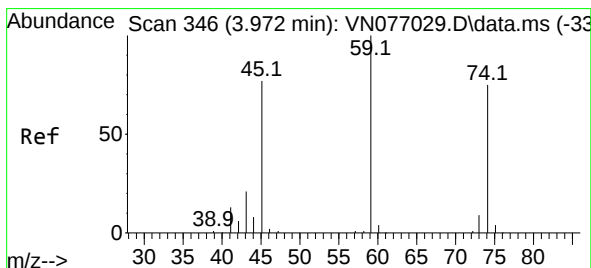
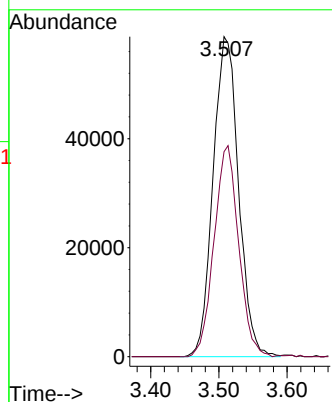
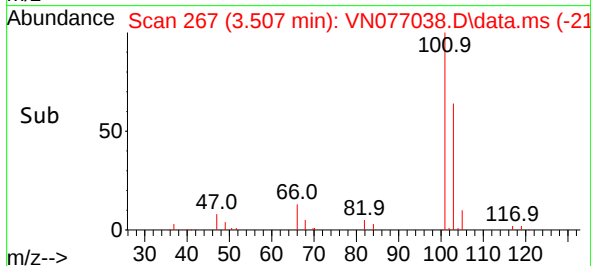
Instrument :
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 ClientSampleId :
 VN0317WBSD01



Tgt Ion:101 Resp: 152698
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

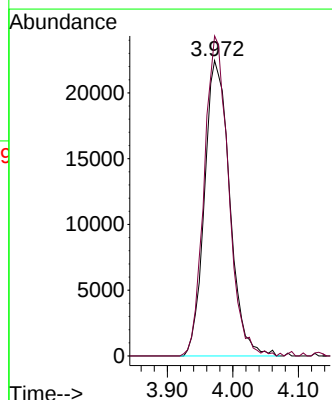
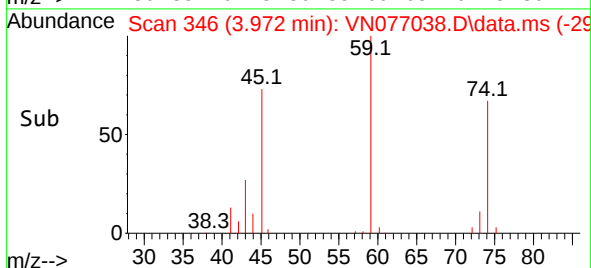
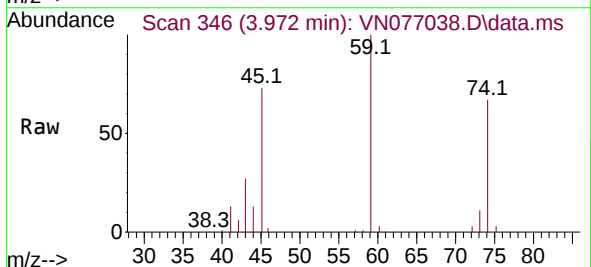
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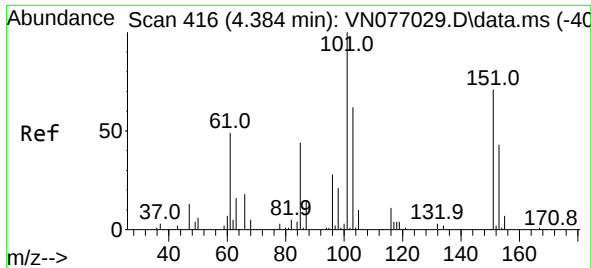
Reviewed By :John Carlone 03/20/2023
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#8
 Diethyl Ether
 Concen: 19.229 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

Tgt Ion: 74 Resp: 60082
 Ion Ratio Lower Upper
 74 100
 45 104.5 50.8 152.5





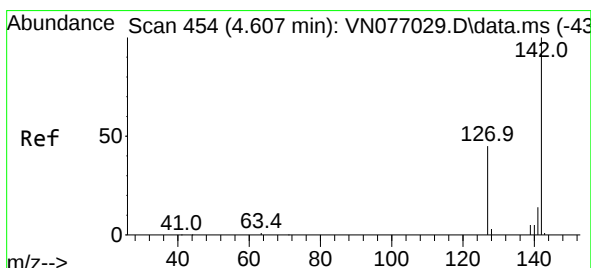
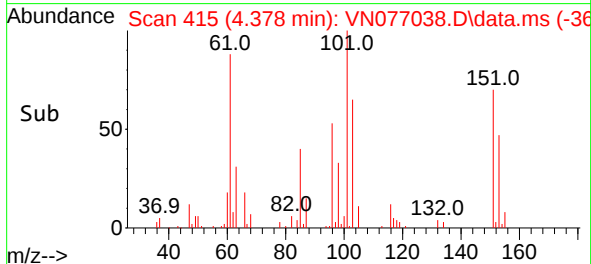
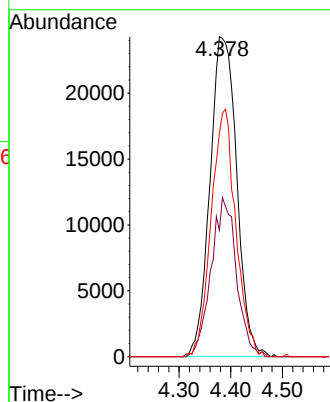
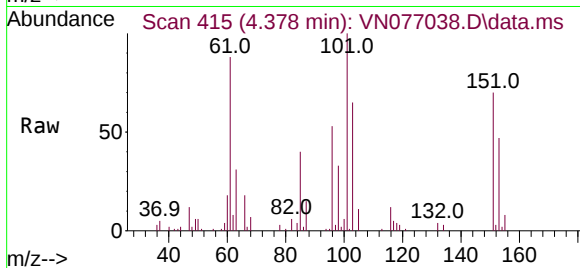
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.565 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:101 Resp: 87435
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 71.1 56.9 85.3

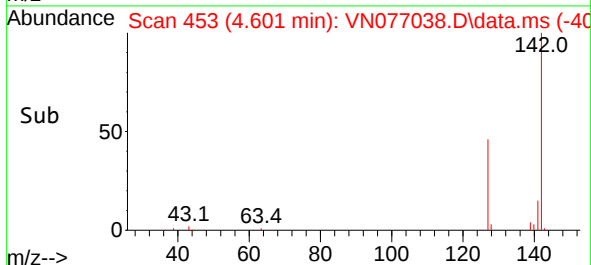
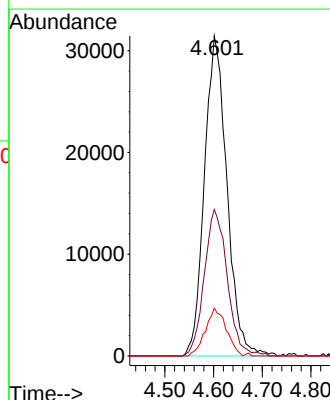
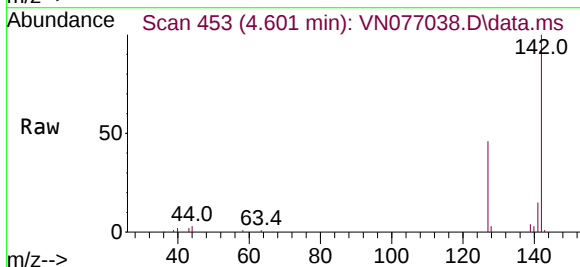
Manual Integrations
APPROVED

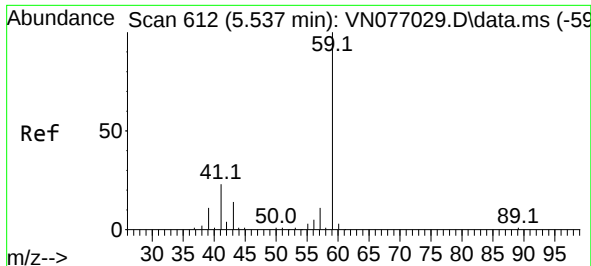
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 19.036 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:142 Resp: 100976
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 15.0 10.8 16.2





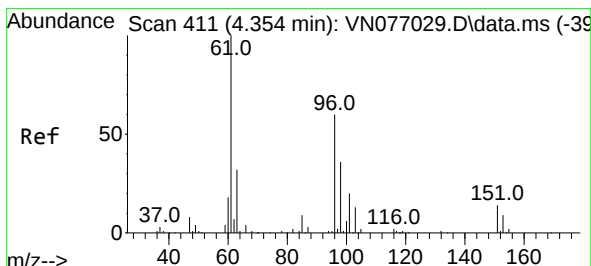
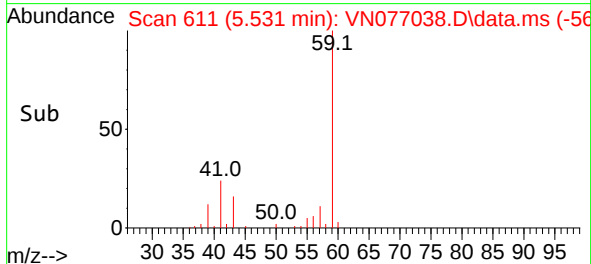
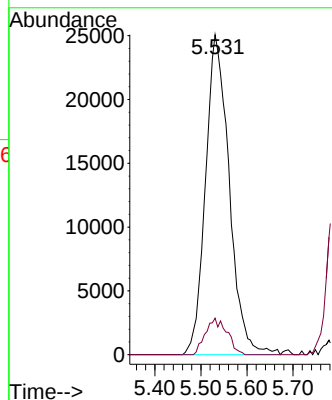
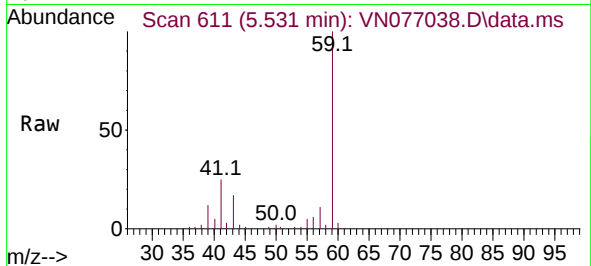
#11
Tert butyl alcohol
Concen: 108.676 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 59 Resp: 89764
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

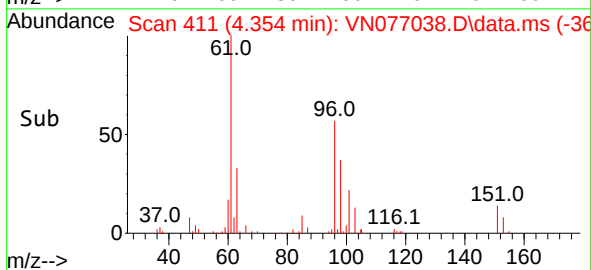
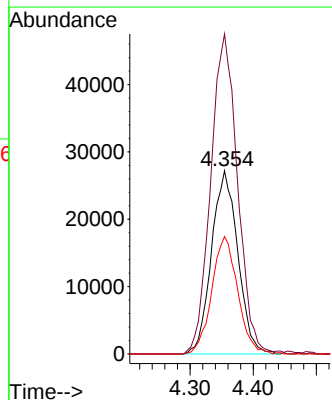
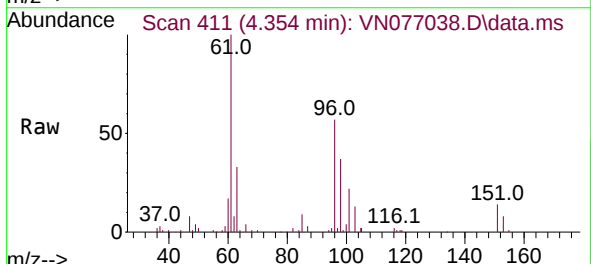
Manual Integrations
APPROVED

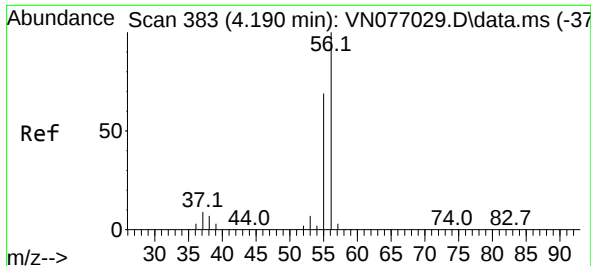
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 18.252 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

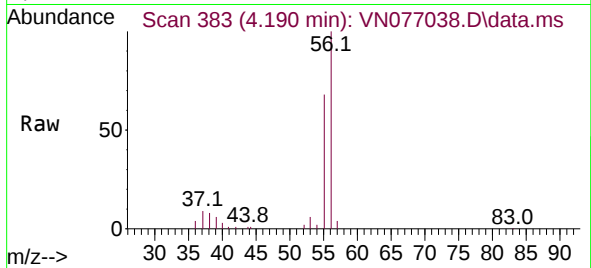
Tgt Ion: 96 Resp: 78638
Ion Ratio Lower Upper
96 100
61 174.7 133.8 200.8
98 64.1 48.6 72.8





#13
Acrolein
Concen: 109.026 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

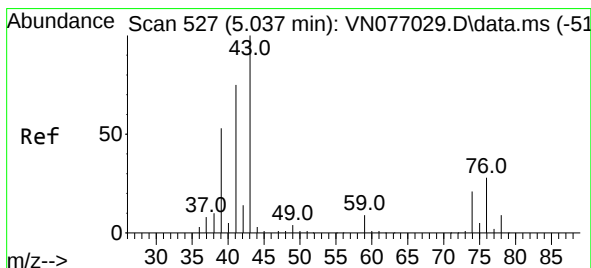
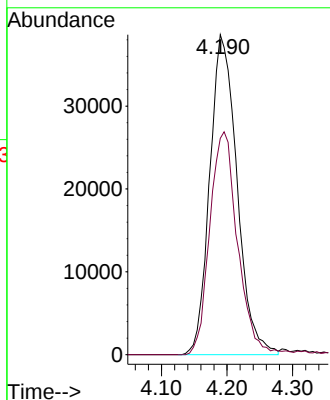
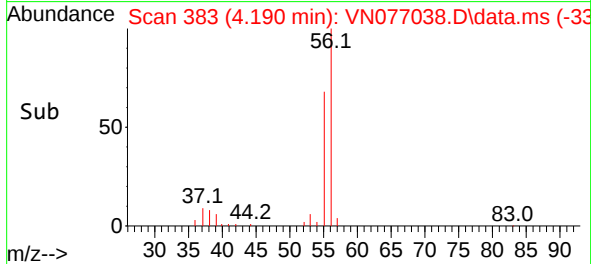
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



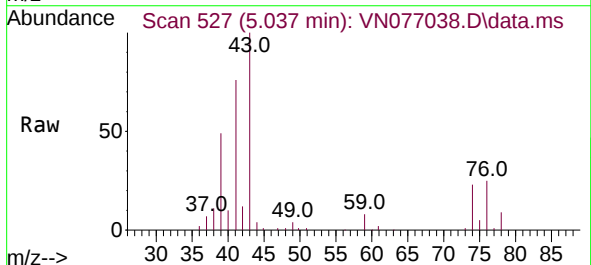
Tgt Ion: 56 Resp: 11138
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6

Manual Integrations
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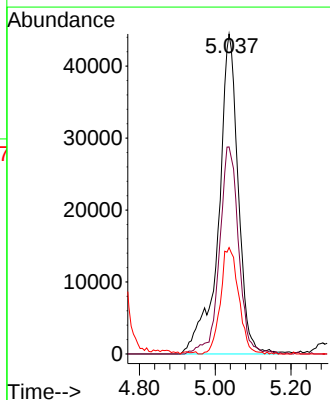
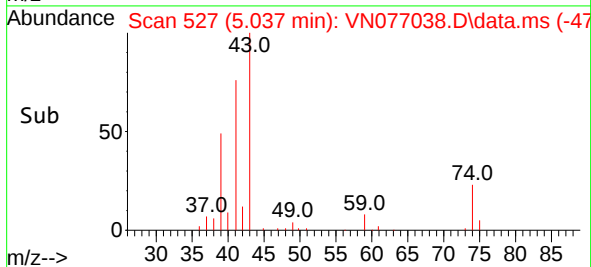
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

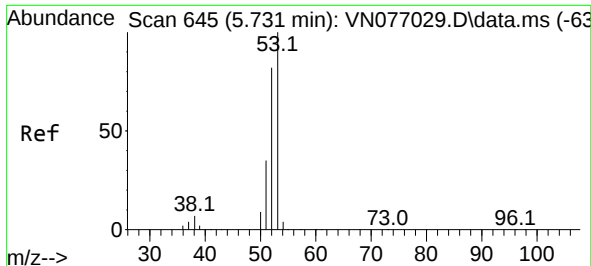


#14
Allyl chloride
Concen: 20.332 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



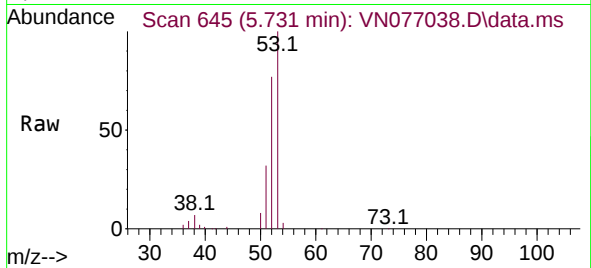
Tgt Ion: 41 Resp: 160368
Ion Ratio Lower Upper
41 100
39 63.2 53.8 80.8
76 30.8 26.7 40.1





#15
Acrylonitrile
Concen: 100.259 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

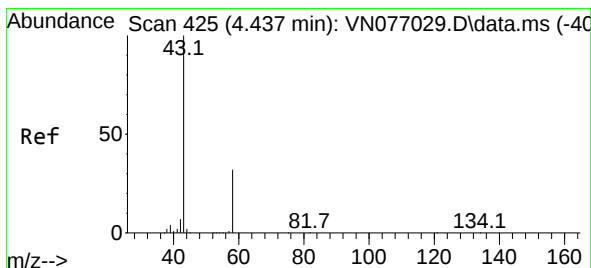
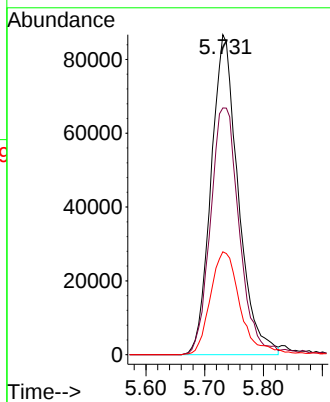
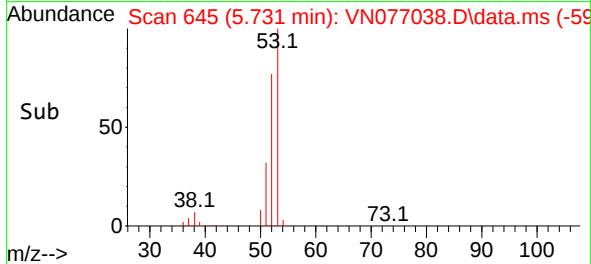
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



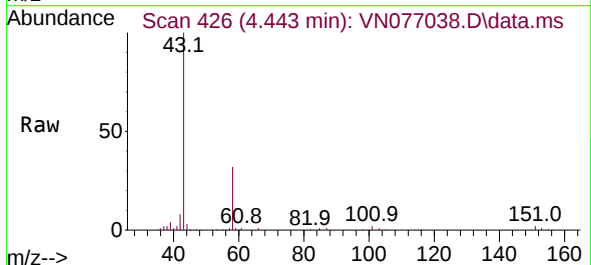
Tgt Ion: 53 Resp: 278398
Ion Ratio Lower Upper
53 100
52 81.6 64.6 97.0
51 35.4 28.3 42.5

Manual Integrations
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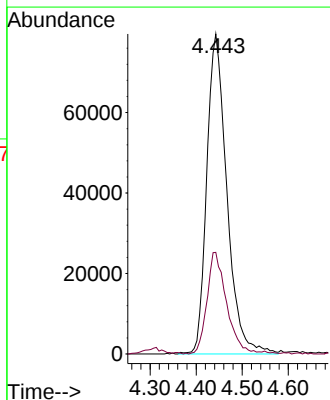
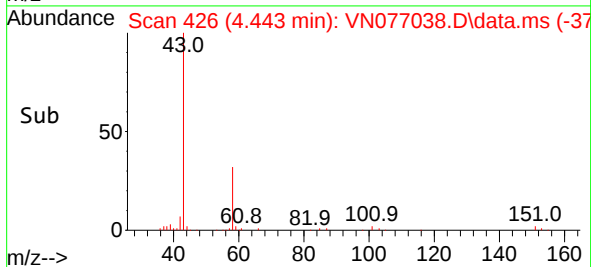
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

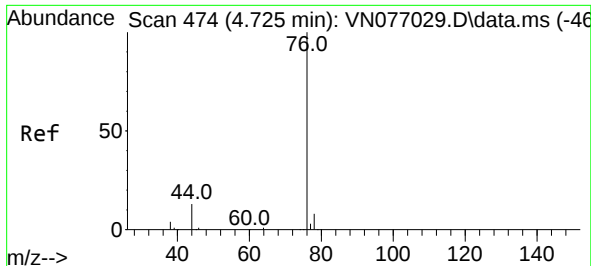


#16
Acetone
Concen: 95.610 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



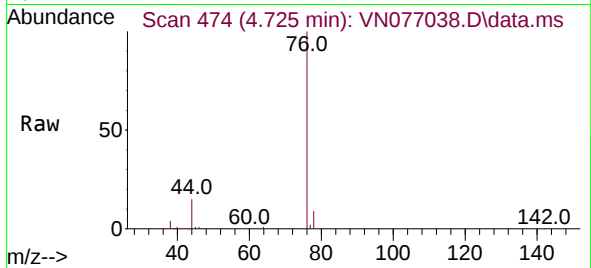
Tgt Ion: 43 Resp: 241483
Ion Ratio Lower Upper
43 100
58 31.6 25.4 38.0





#17
Carbon Disulfide
Concen: 17.439 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

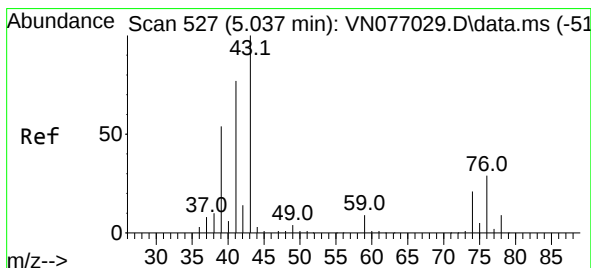
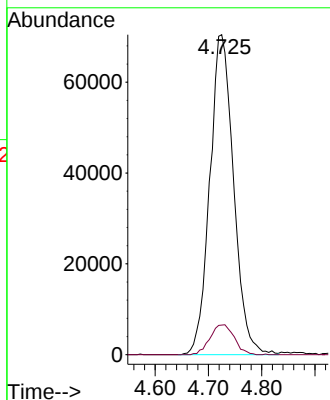
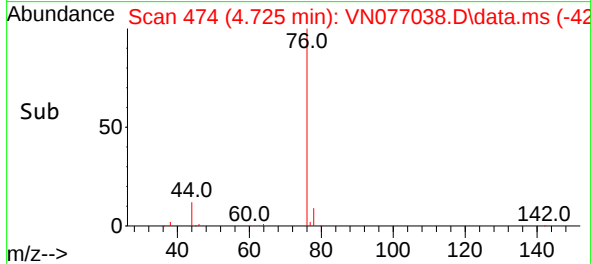
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



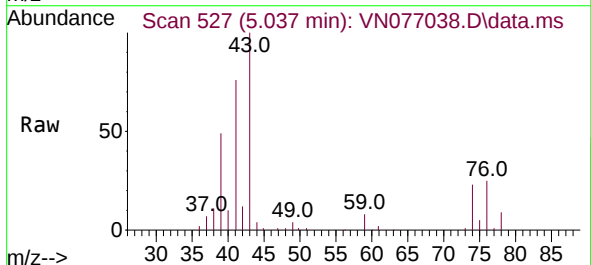
Tgt Ion: 76 Resp: 219076
Ion Ratio Lower Upper
76 100
78 9.3 6.6 10.0

Manual Integrations
APPROVED

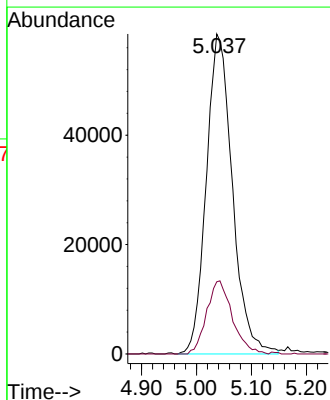
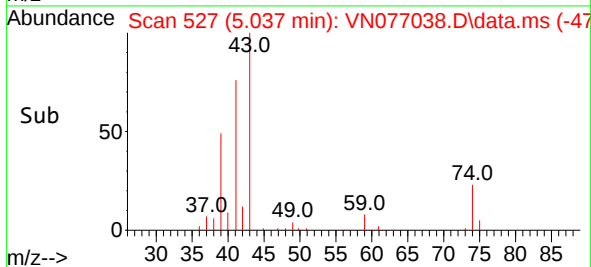
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

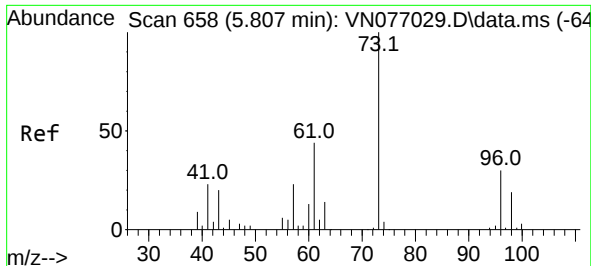


#18
Methyl Acetate
Concen: 20.245 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



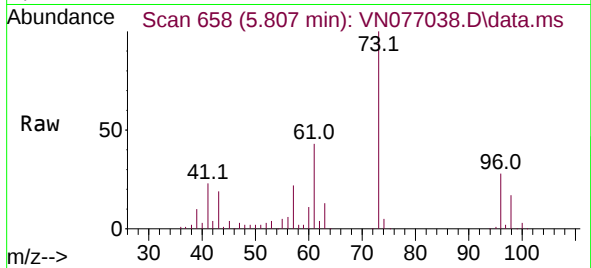
Tgt Ion: 43 Resp: 192817
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 20.140 ug/l
RT: 5.807 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

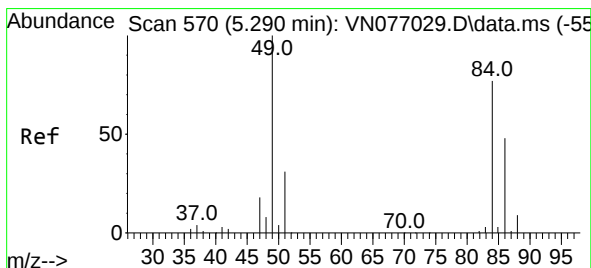
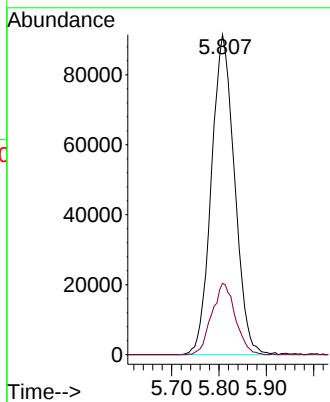
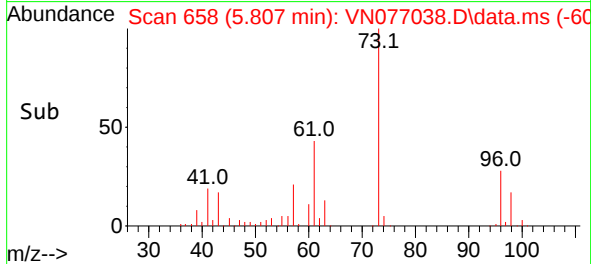
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



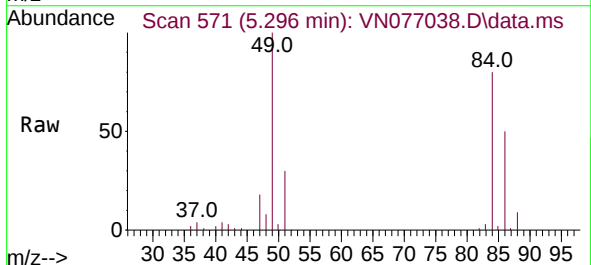
Tgt Ion: 73 Resp: 311414
Ion Ratio Lower Upper
73 100
57 22.3 18.7 28.1

Manual Integrations
APPROVED

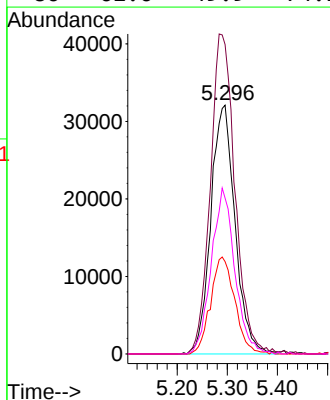
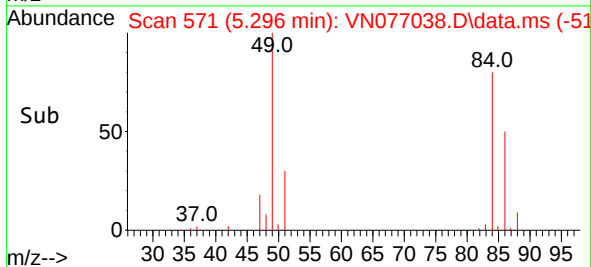
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

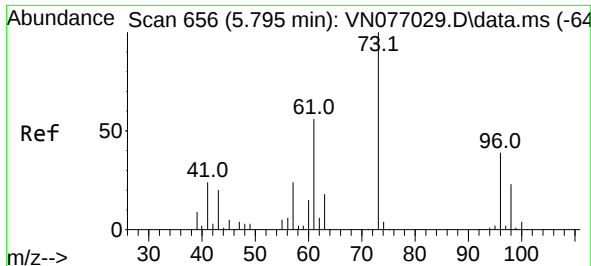


#20
Methylene Chloride
Concen: 19.671 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



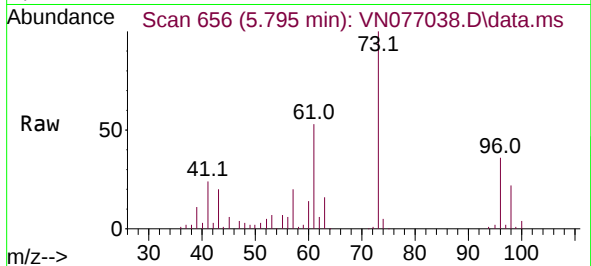
Tgt Ion: 84 Resp: 107829
Ion Ratio Lower Upper
84 100
49 124.4 103.8 155.6
51 37.1 32.3 48.5
86 62.6 49.9 74.9





#21
trans-1,2-Dichloroethene
Concen: 18.527 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

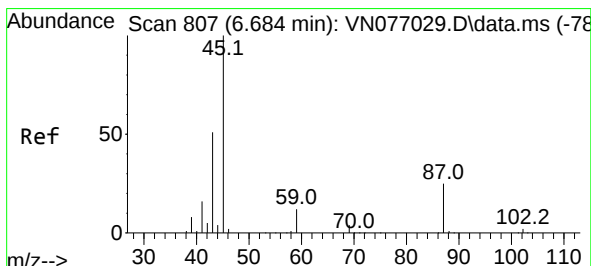
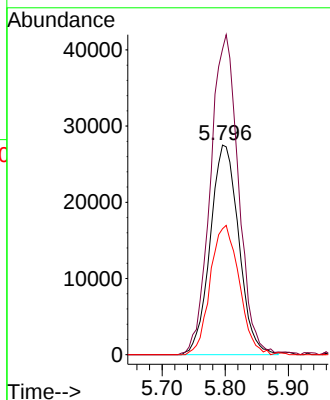
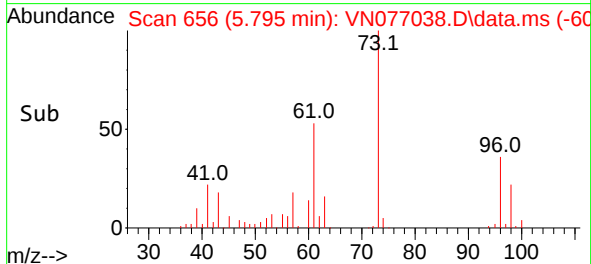
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 96 Resp: 8651
Ion Ratio Lower Upper
96 100
61 145.7 115.8 173.6
98 60.1 48.2 72.2

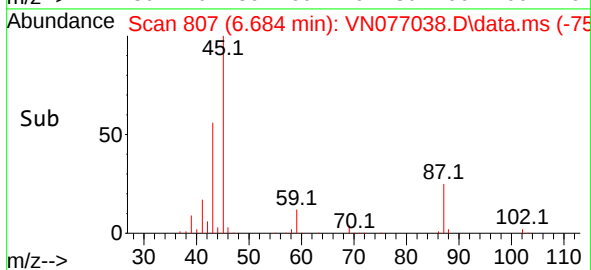
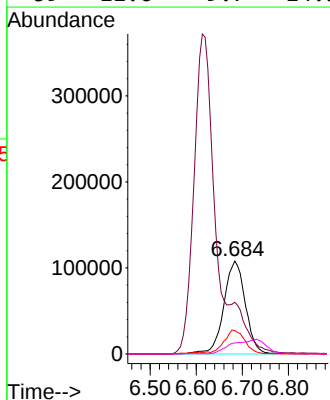
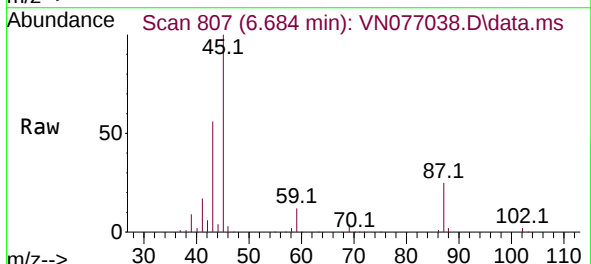
Manual Integrations
APPROVED

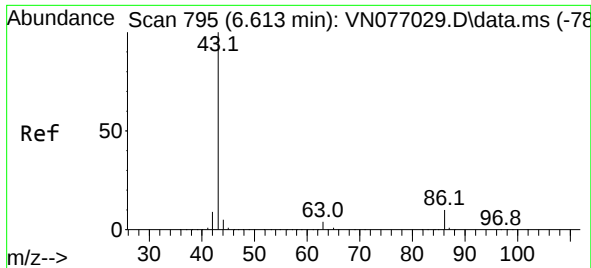
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#22
Diisopropyl ether
Concen: 20.256 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 45 Resp: 350038
Ion Ratio Lower Upper
45 100
43 53.9 41.5 62.3
87 24.9 20.6 30.8
59 11.6 9.7 14.5





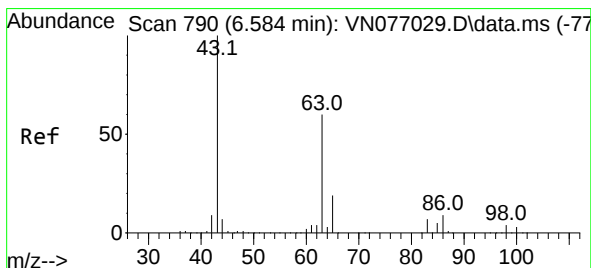
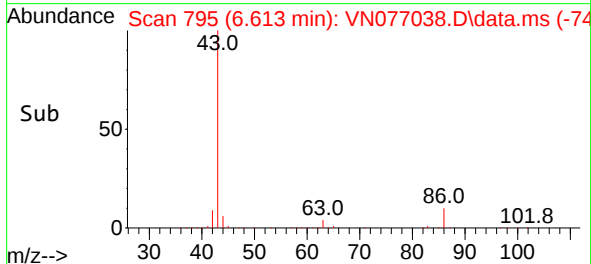
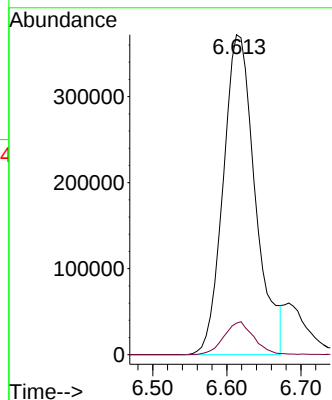
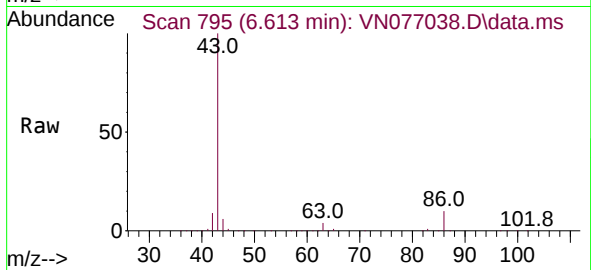
#23
 Vinyl Acetate
 Concen: 102.607 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Tgt Ion: 43 Resp: 111893
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0

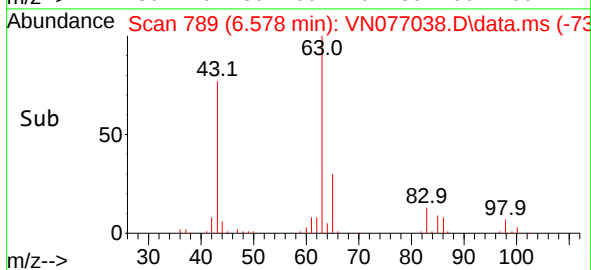
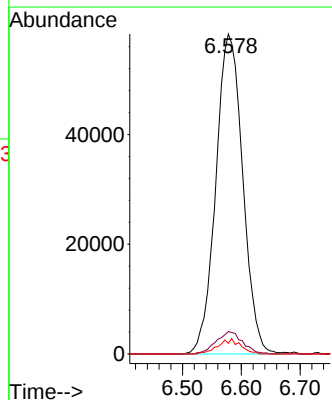
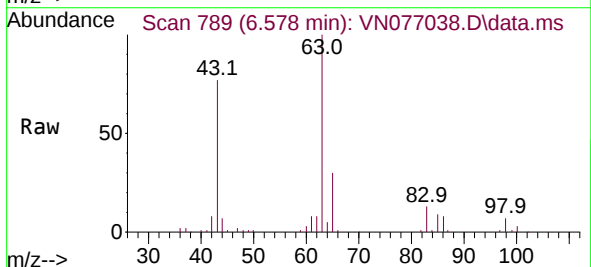
Manual Integrations
 APPROVED

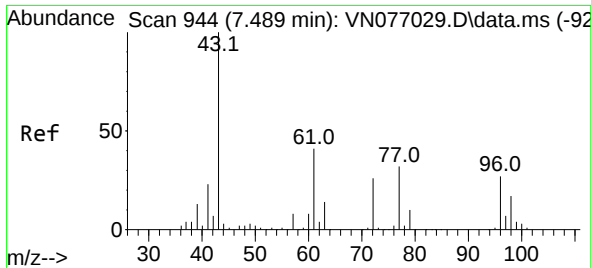
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.766 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

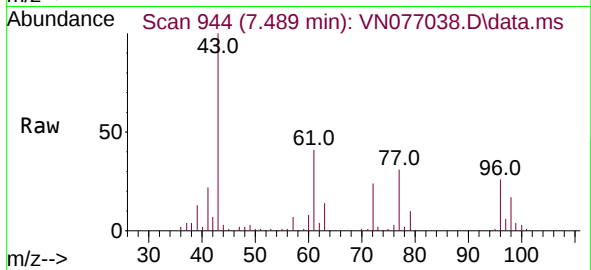
Tgt Ion: 63 Resp: 185570
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 3.4 2.1 6.3





#25
2-Butanone
Concen: 101.089 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

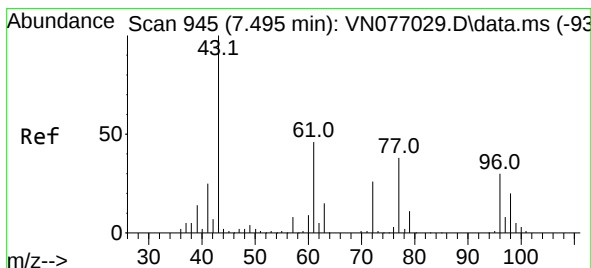
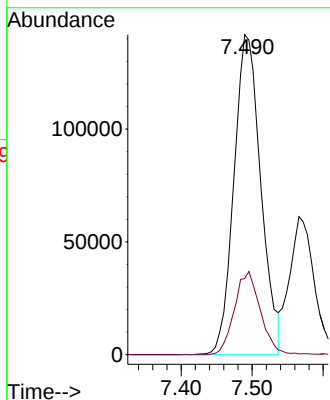
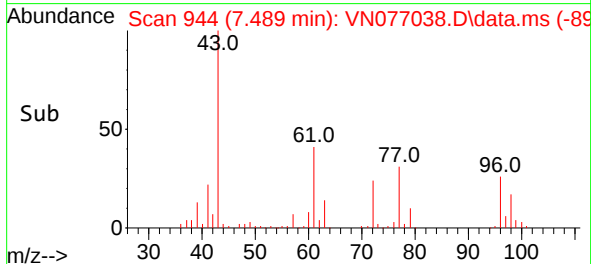
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



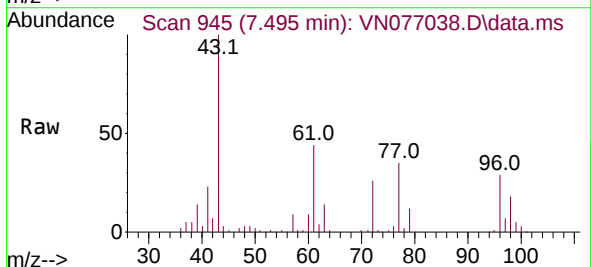
Tgt Ion: 43 Resp: 37349
Ion Ratio Lower Upper
43 100
72 23.8 20.7 31.1

Manual Integrations
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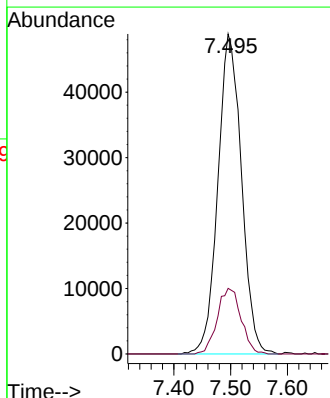
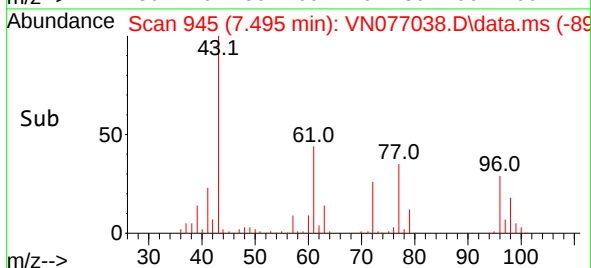
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

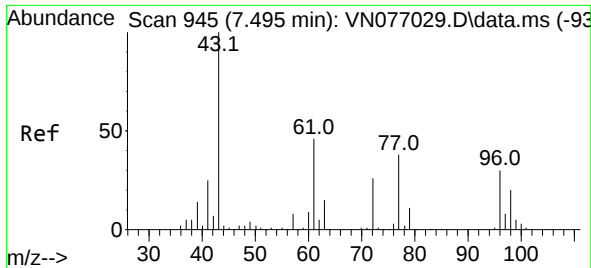


#26
2,2-Dichloropropane
Concen: 18.908 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



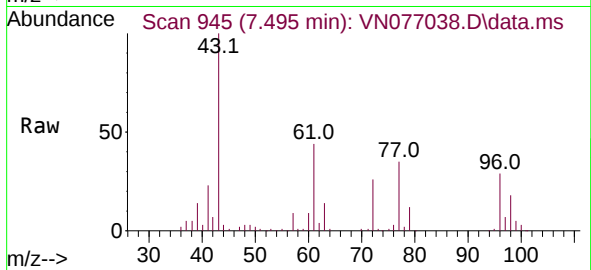
Tgt Ion: 77 Resp: 140686
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.538 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

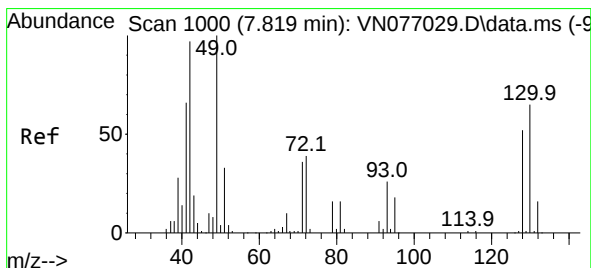
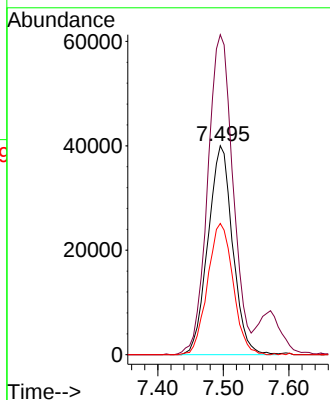
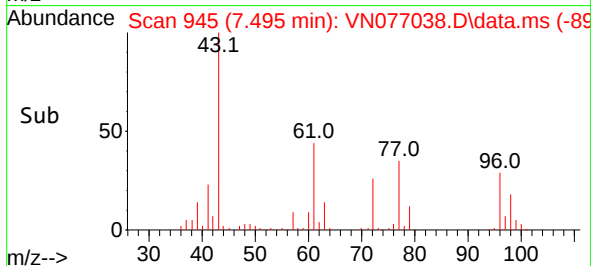
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01



Tgt Ion: 96 Resp: 104490
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 315.4
 98 64.9 0.0 128.6

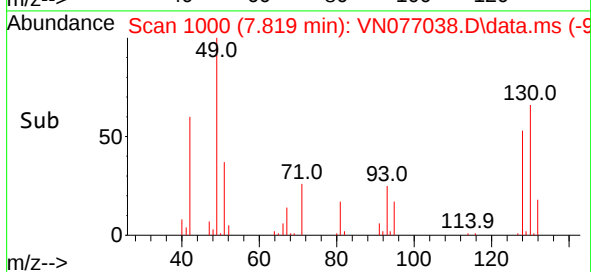
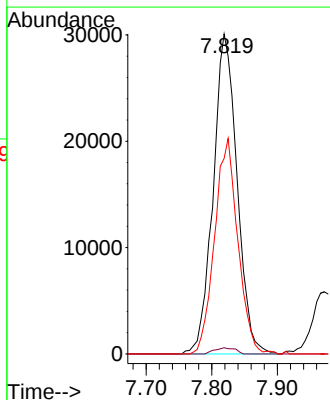
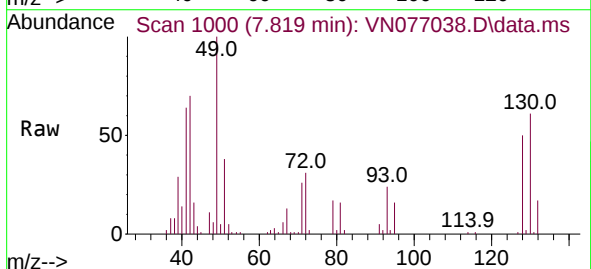
Manual Integrations
 APPROVED

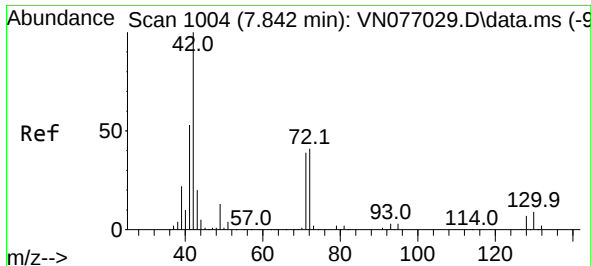
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 17.737 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

Tgt Ion: 49 Resp: 76171
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 65.4 51.9 77.9





#29

Tetrahydrofuran

Concen: 107.239 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077038.D

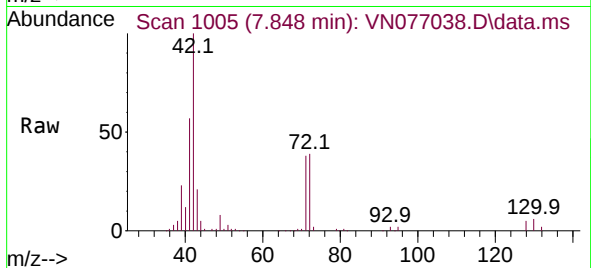
Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01



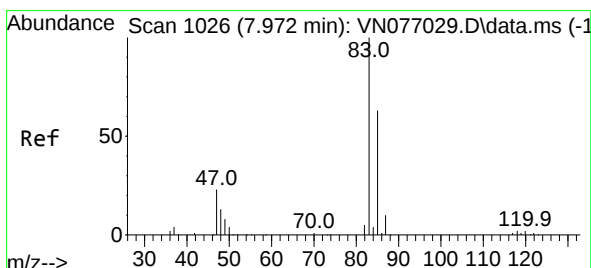
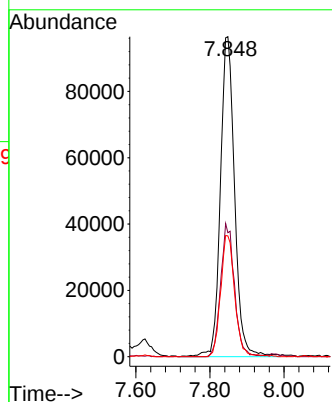
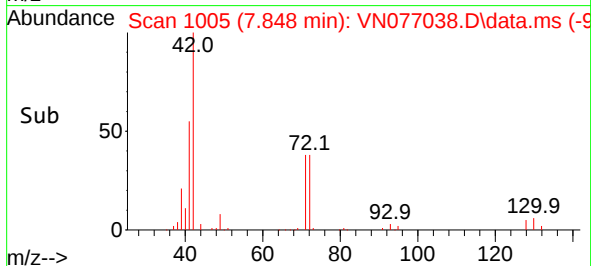
Tgt Ion:	42	Resp:	256754
Ion Ratio	Lower	Upper	
42	100		
72	40.2	33.2	49.8
71	37.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 19.083 ug/l

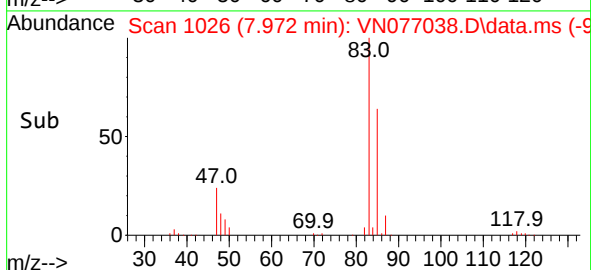
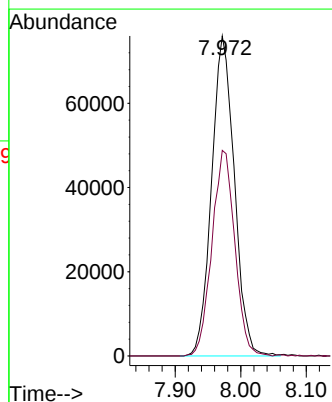
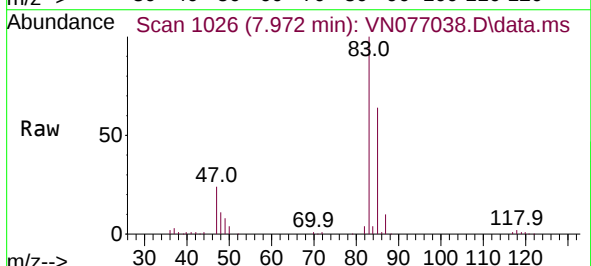
RT: 7.972 min Scan# 1026

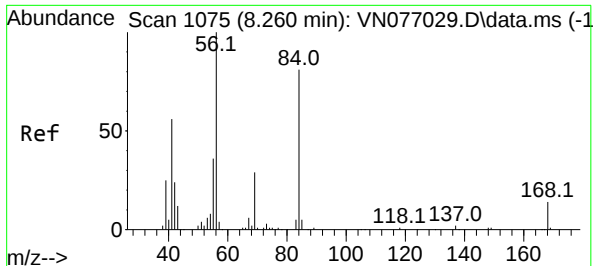
Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

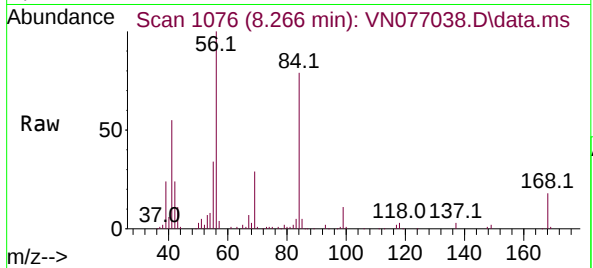
Tgt Ion:	83	Resp:	183160
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.6	75.8





#31
Cyclohexane
Concen: 18.896 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

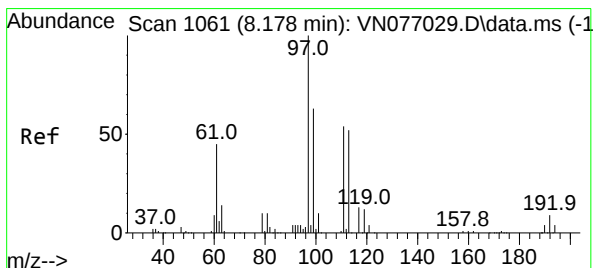
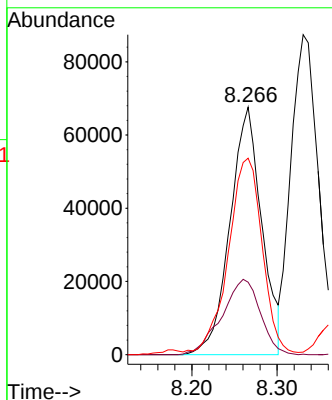
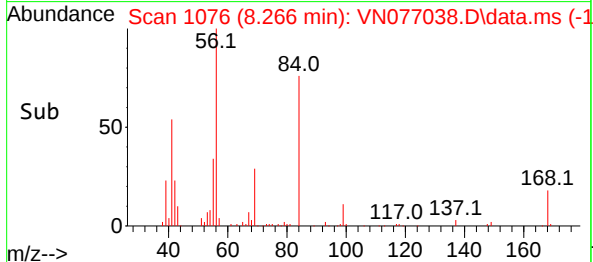
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 56 Resp: 17524
Ion Ratio Lower Upper
56 100
69 29.3 22.8 34.2
84 77.9 64.7 97.1

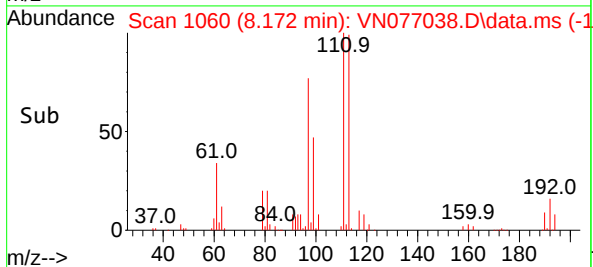
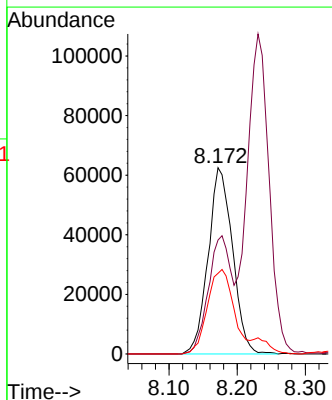
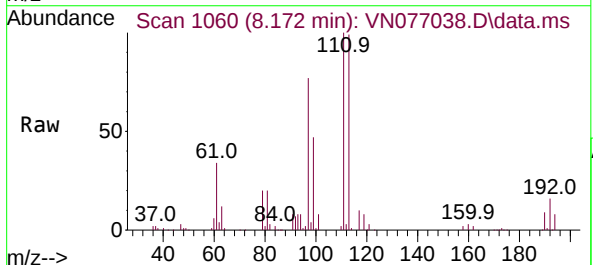
Manual Integrations
APPROVED

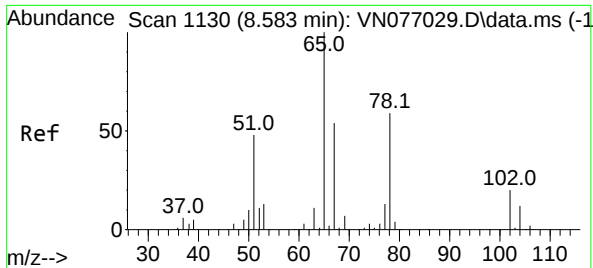
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.975 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 97 Resp: 155658
Ion Ratio Lower Upper
97 100
99 59.2 50.2 75.2
61 49.4 39.0 58.6





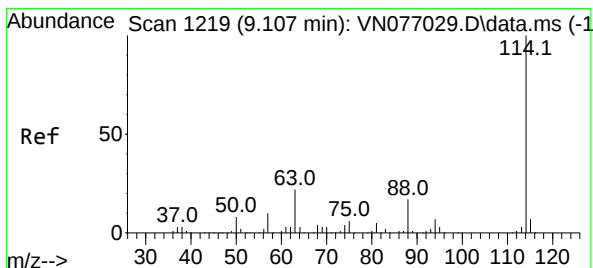
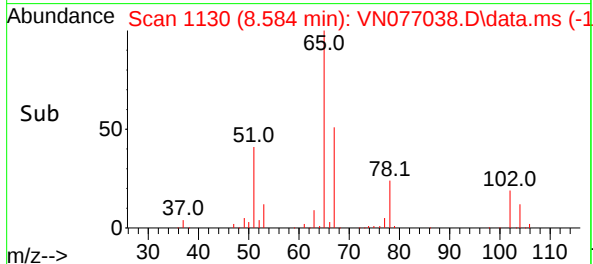
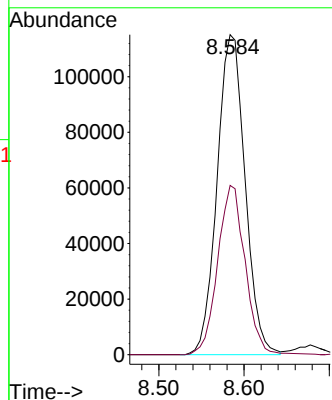
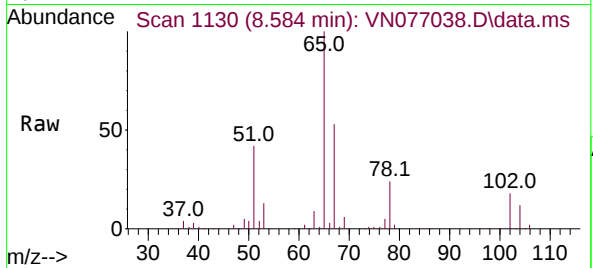
#33
1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 65 Resp: 26268
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2

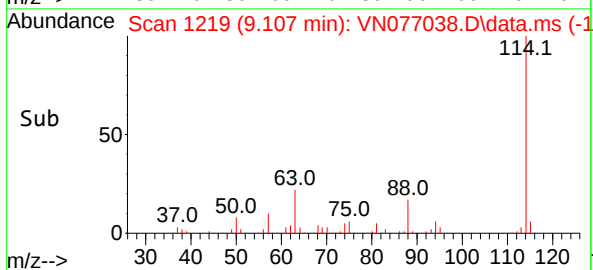
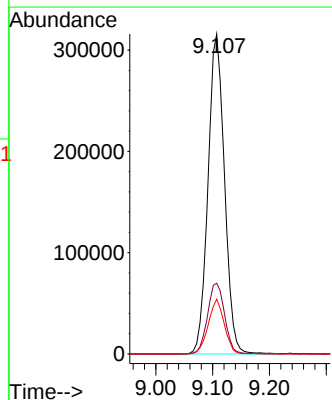
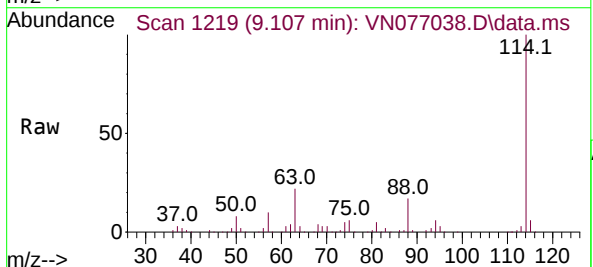
Manual Integrations
APPROVED

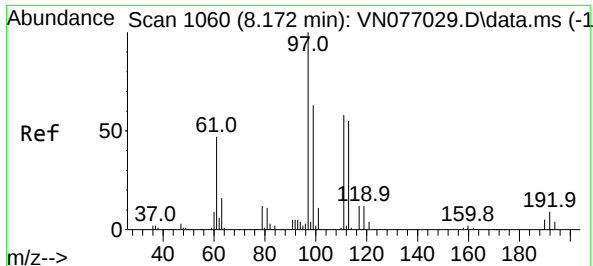
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:114 Resp: 635296
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 42.870 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077038.D

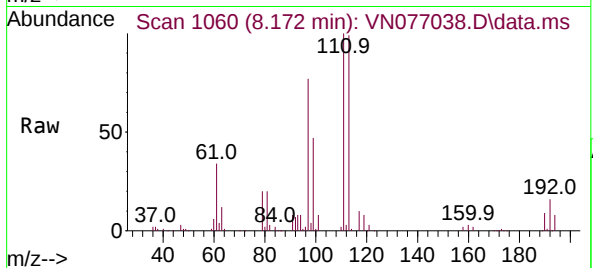
Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01



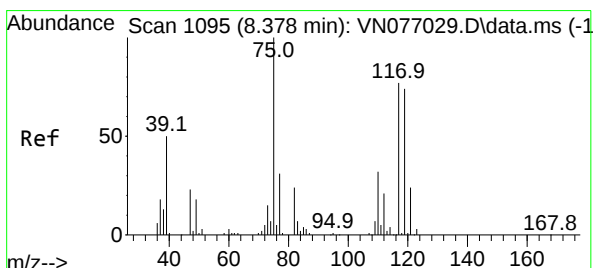
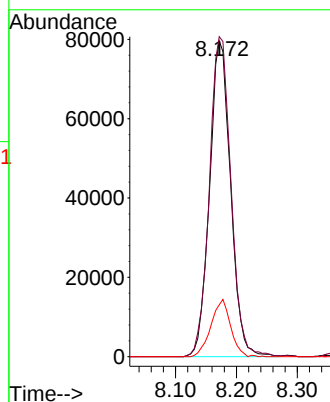
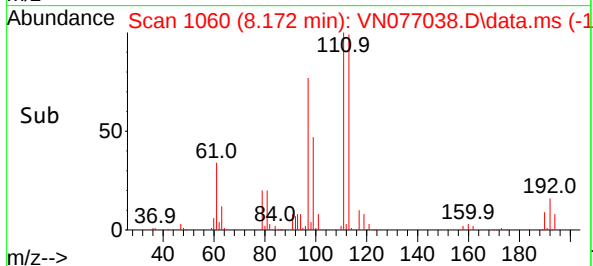
Tgt Ion:	113	Resp:	190729
Ion Ratio	100	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	17.0	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 18.989 ug/l

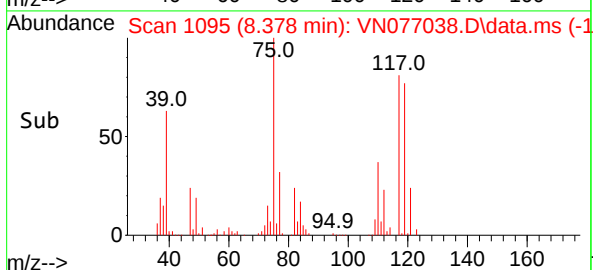
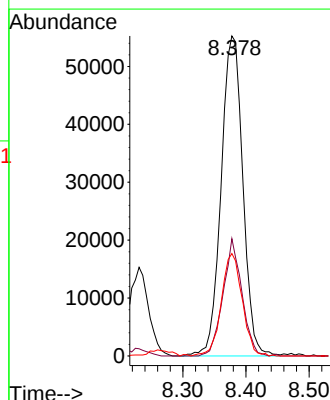
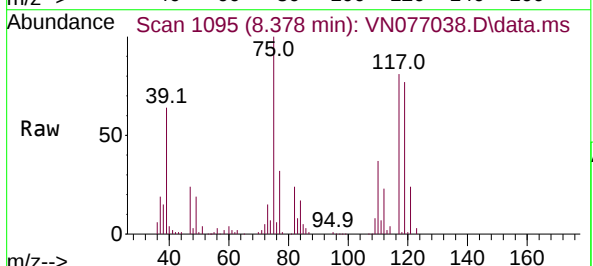
RT: 8.378 min Scan# 1095

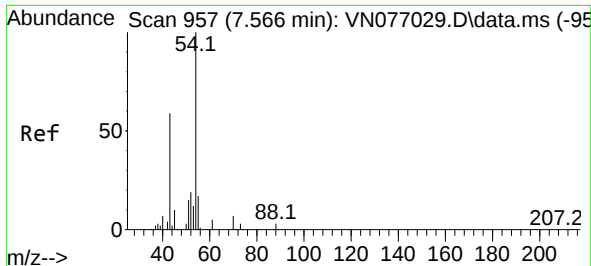
Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

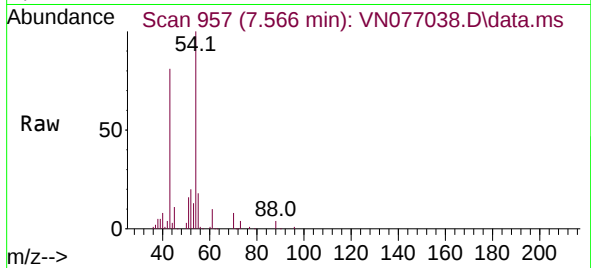
Tgt Ion:	75	Resp:	131956
Ion Ratio	100	Lower	Upper
75	100		
110	31.8	15.9	47.7
77	30.8	24.3	36.5





#37
Ethyl Acetate
Concen: 20.656 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

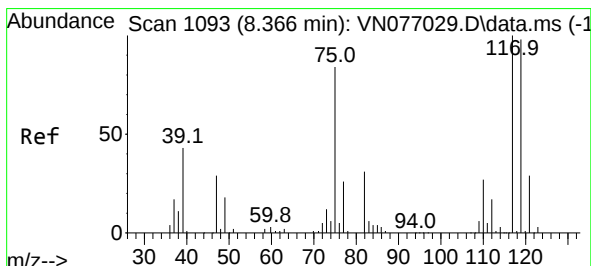
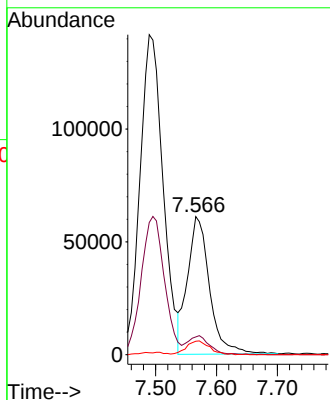
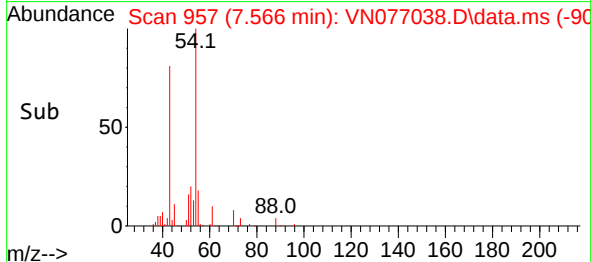
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 43 Resp: 153579
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 10.4 8.4 12.6

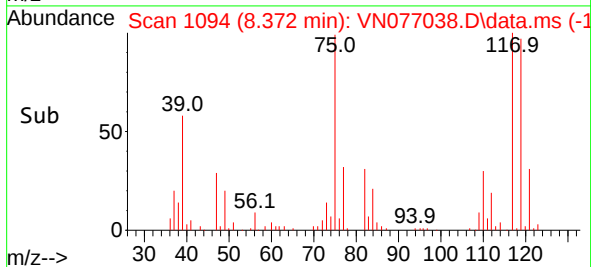
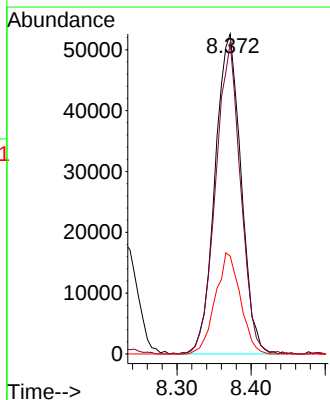
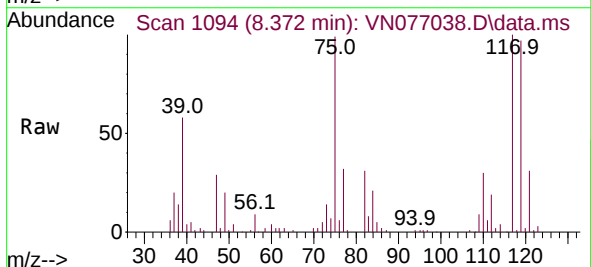
Manual Integrations
APPROVED

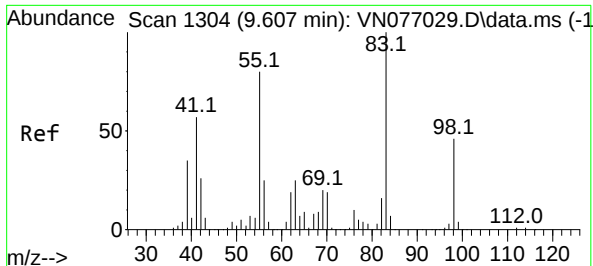
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#38
Carbon Tetrachloride
Concen: 18.925 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:117 Resp: 128093
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 30.6 23.2 34.8





#39

Methylcyclohexane

Concen: 18.978 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

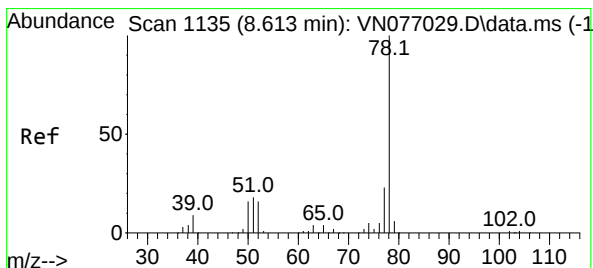
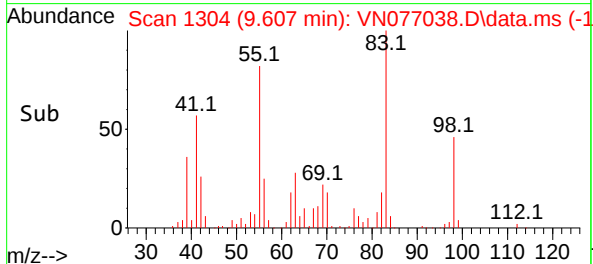
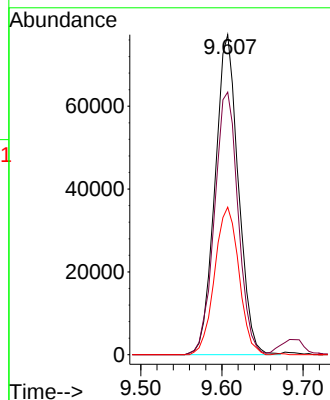
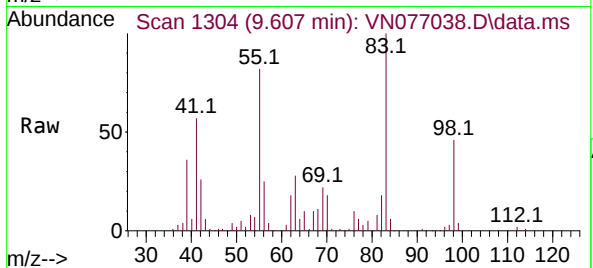
Tgt Ion: 83 Resp: 15436
 Ion Ratio Lower Upper
 83 100
 55 82.1 63.8 95.8
 98 46.1 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 19.359 ug/l

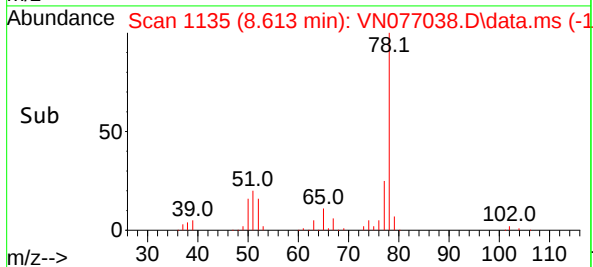
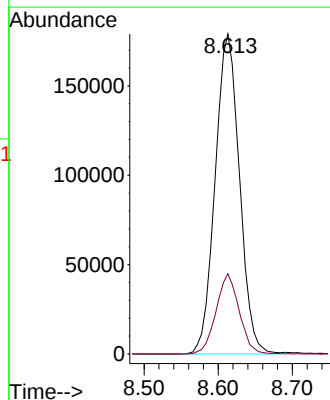
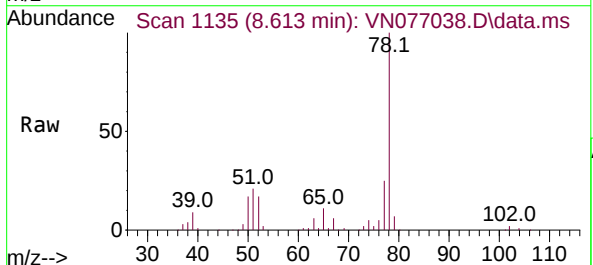
RT: 8.613 min Scan# 1135

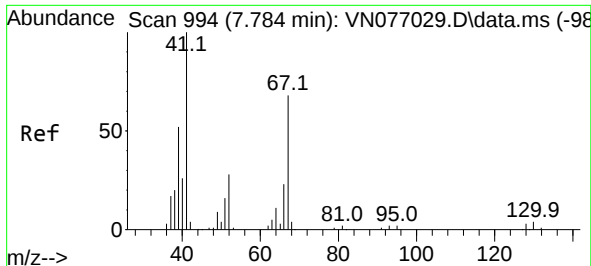
Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

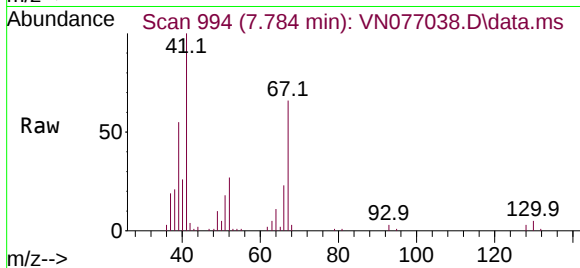
Tgt Ion: 78 Resp: 407991
 Ion Ratio Lower Upper
 78 100
 77 25.1 18.5 27.7





#41
Methacrylonitrile
Concen: 20.880 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

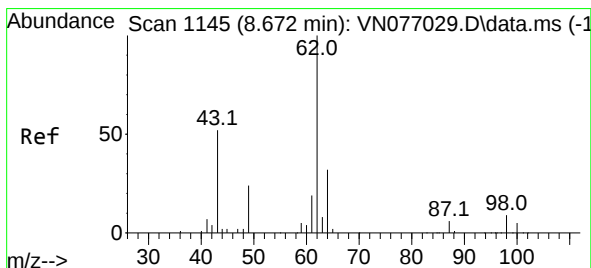
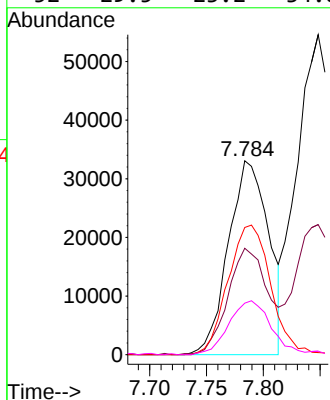
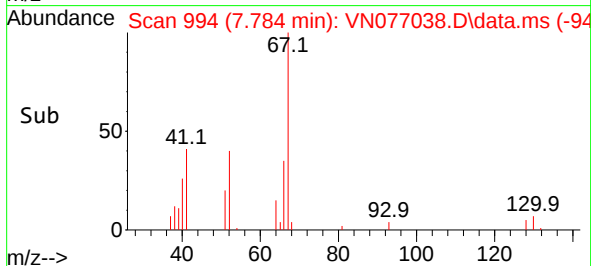
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:	41	Resp:	8177
Ion Ratio	Lower	Upper	
41	100		
39	54.2	41.6	62.4
67	70.5	53.8	80.8
52	29.5	23.2	34.8

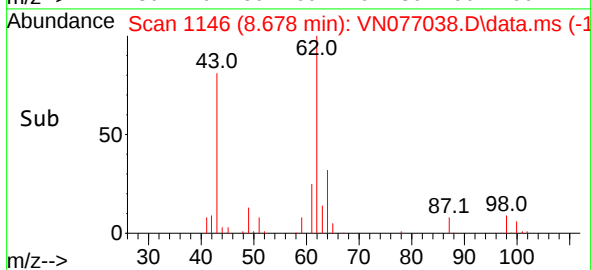
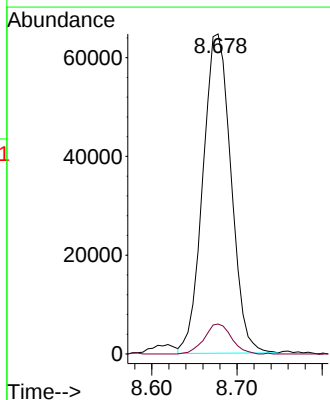
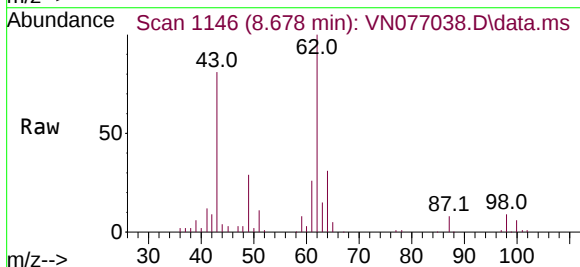
Manual Integrations
APPROVED

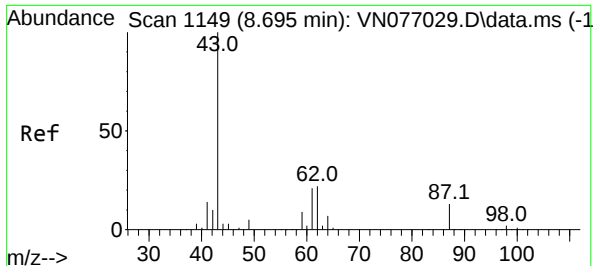
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 19.497 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:	62	Resp:	148478
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	17.4





#43

Isopropyl Acetate

Concen: 20.512 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

Tgt Ion: 43 Resp: 23824

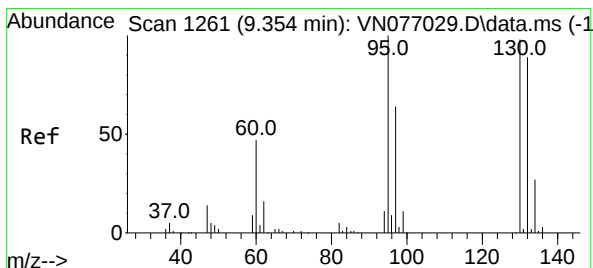
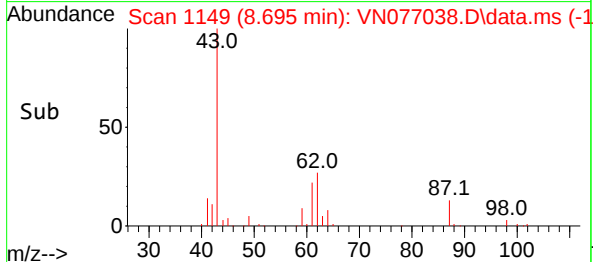
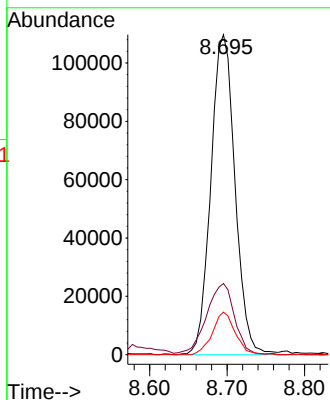
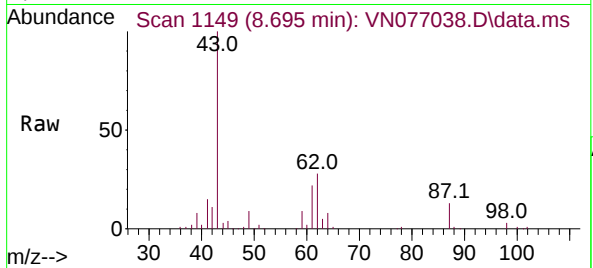
Ion	Ratio	Lower	Upper
43	100		
61	25.3	20.6	30.8
87	12.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 18.126 ug/l

RT: 9.354 min Scan# 1261

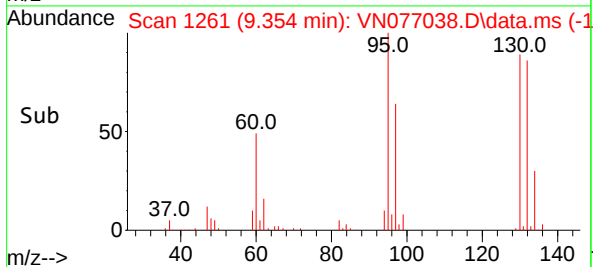
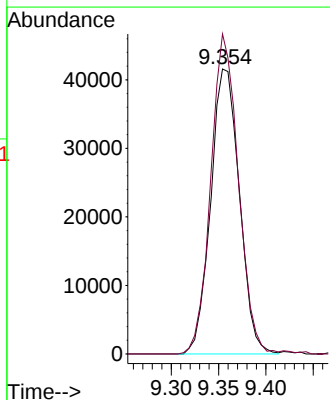
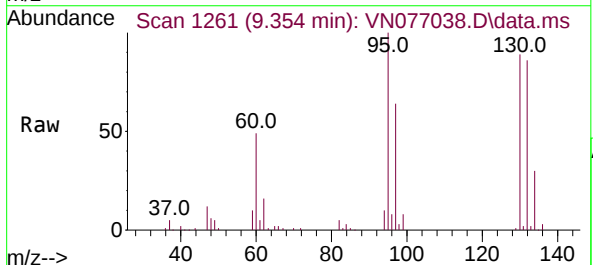
Delta R.T. 0.000 min

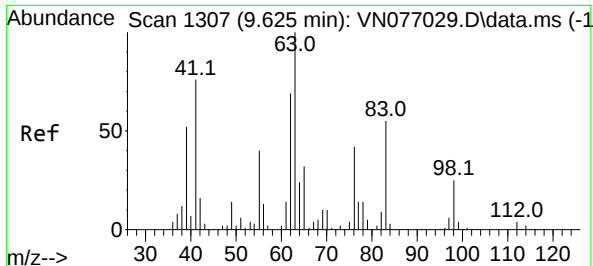
Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Tgt Ion:130 Resp: 87744

Ion	Ratio	Lower	Upper
130	100		
95	112.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.721 ug/l

RT: 9.625 min Scan# 11038

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

Tgt Ion: 63 Resp: 11038

Ion Ratio Lower Upper

63 100

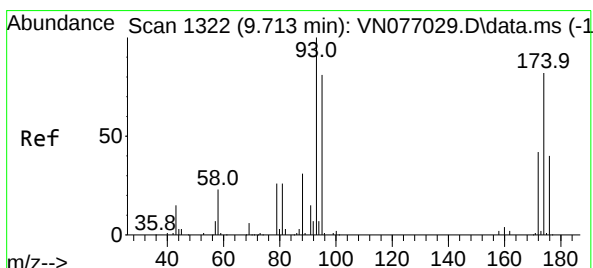
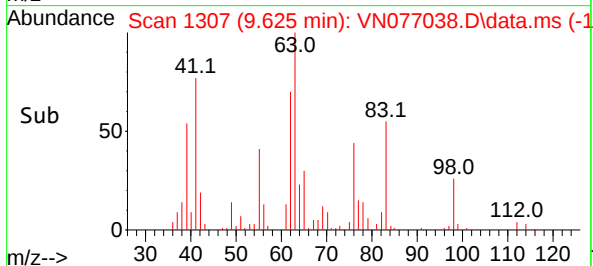
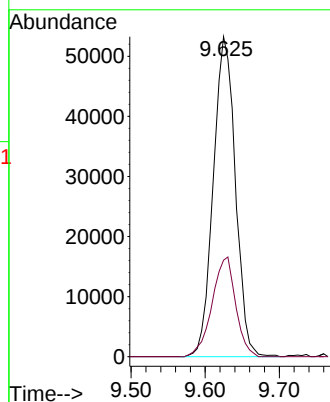
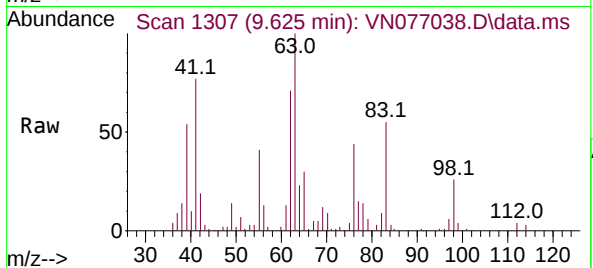
65 30.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 19.314 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

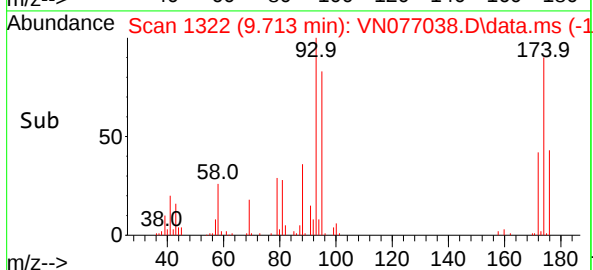
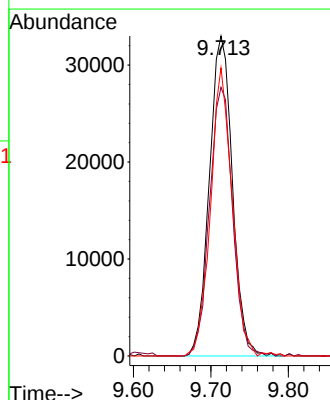
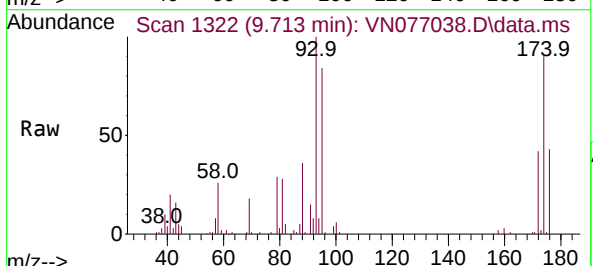
Tgt Ion: 93 Resp: 68181

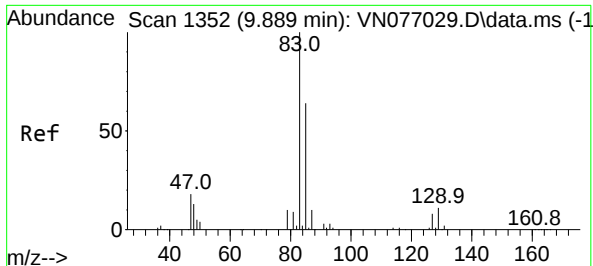
Ion Ratio Lower Upper

93 100

95 84.2 65.7 98.5

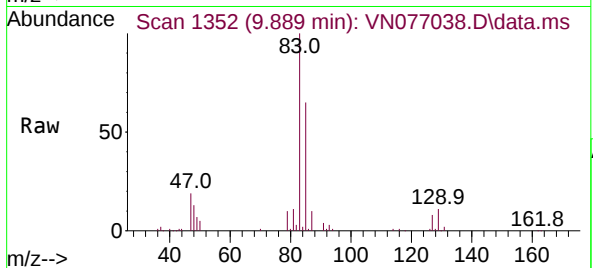
174 84.2 66.4 99.6





#47
Bromodichloromethane
Concen: 19.319 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

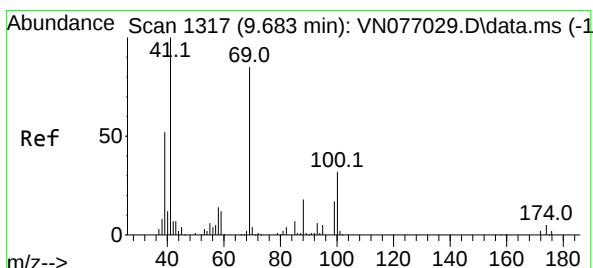
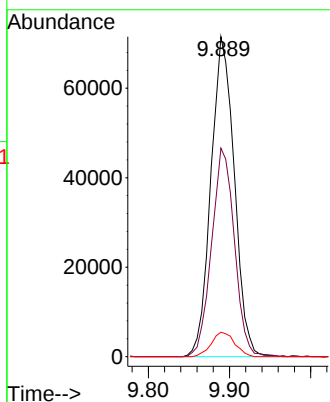
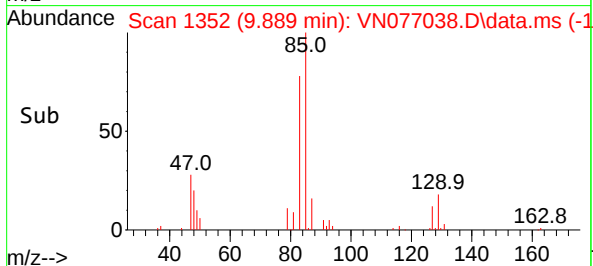
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 83 Resp: 14303
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.4
127 7.7 6.1 9.1

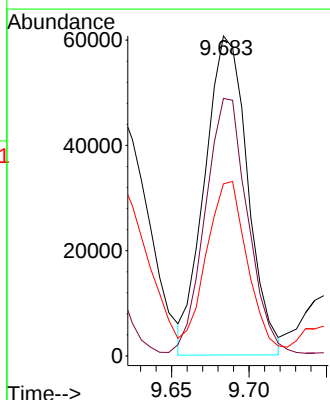
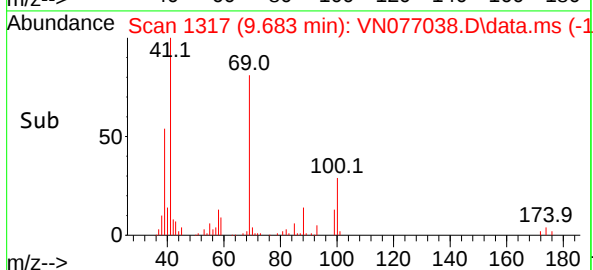
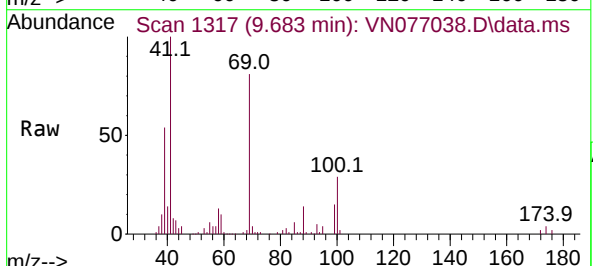
Manual Integrations
APPROVED

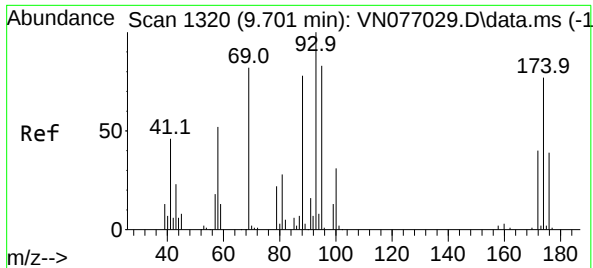
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 21.009 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

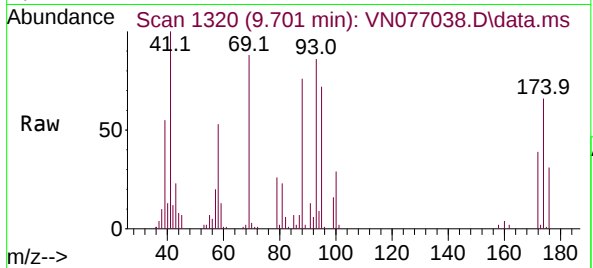
Tgt Ion: 41 Resp: 116657
Ion Ratio Lower Upper
41 100
69 80.6 64.3 96.5
39 53.5 43.2 64.8





#49
1,4-Dioxane
Concen: 425.223 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

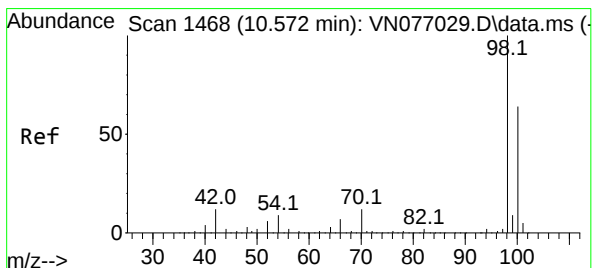
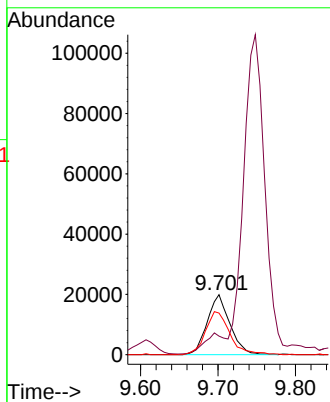
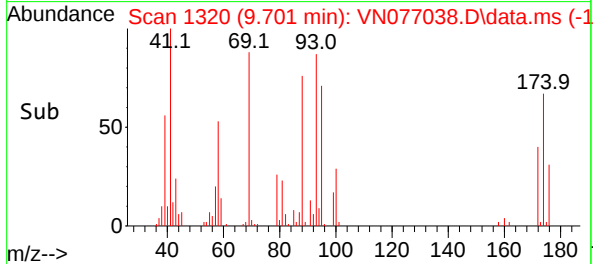
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



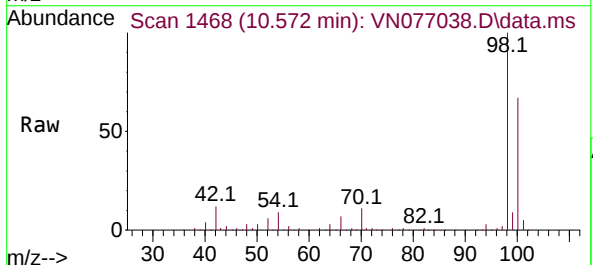
Tgt Ion: 88 Resp: 4032
Ion Ratio Lower Upper
88 100
43 32.9 22.2 33.2
58 77.7 60.8 91.2

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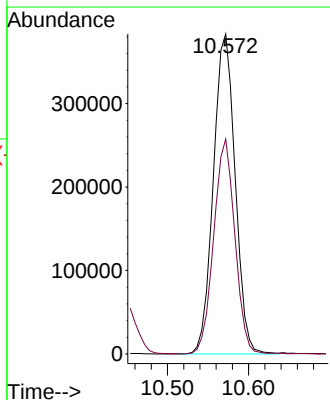
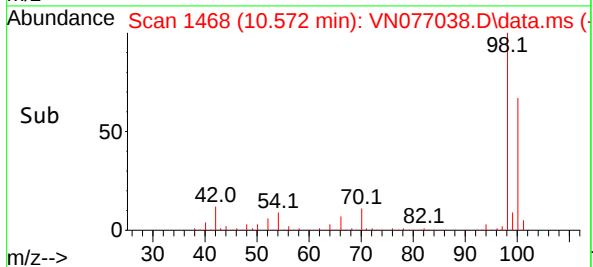
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

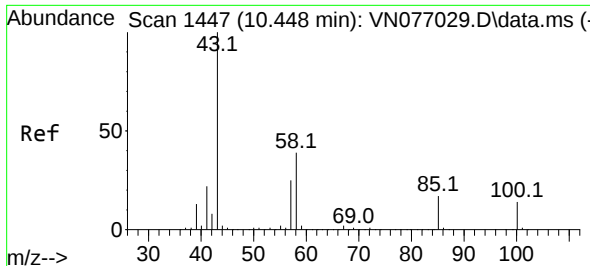


#50
Toluene-d8
Concen: 45.046 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



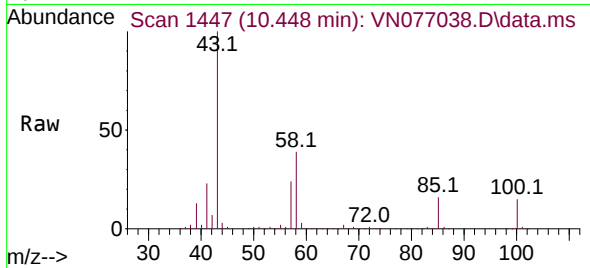
Tgt Ion: 98 Resp: 715905
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 105.501 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

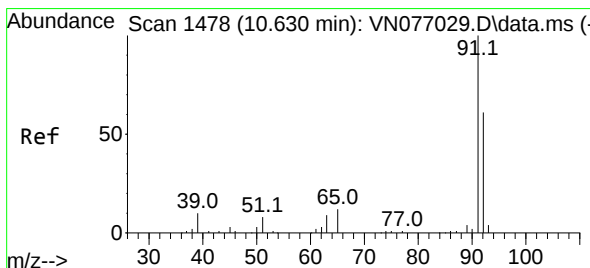
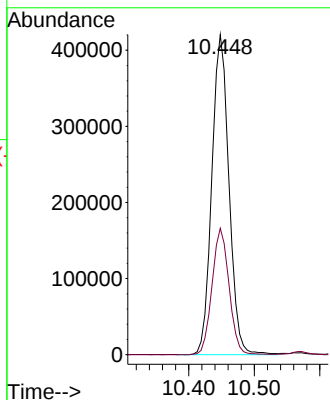
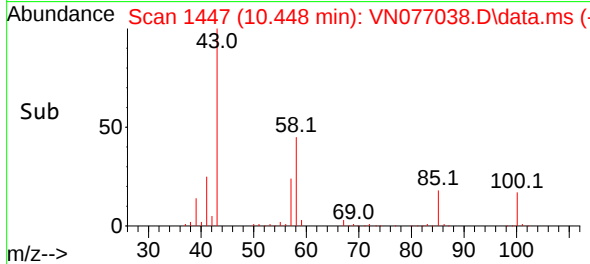
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 43 Resp: 76305
Ion Ratio Lower Upper
43 100
58 39.1 31.1 46.7

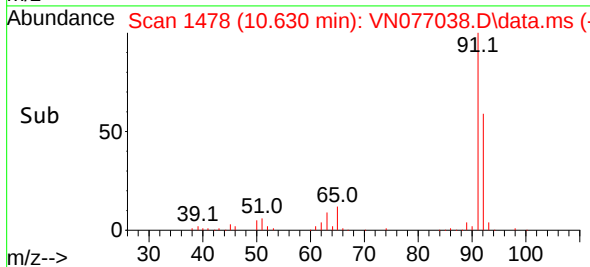
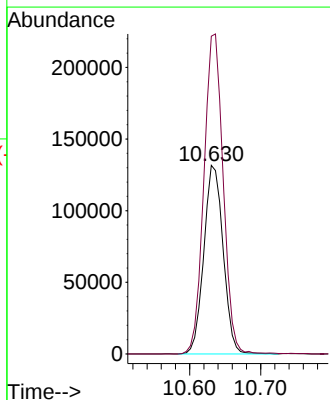
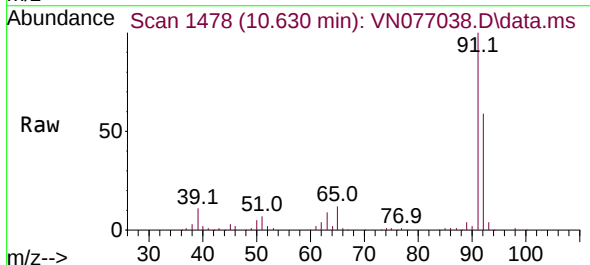
Manual Integrations
APPROVED

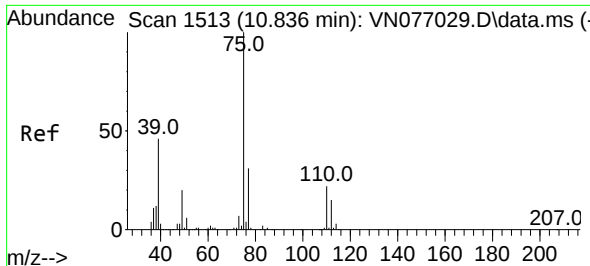
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 19.778 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

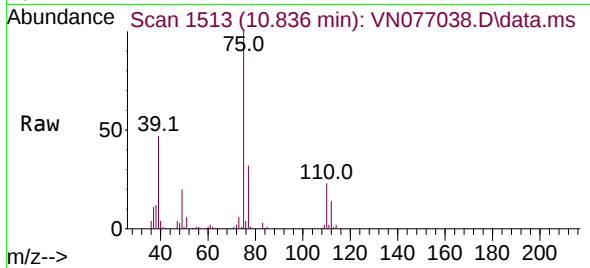
Tgt Ion: 92 Resp: 248868
Ion Ratio Lower Upper
92 100
91 169.3 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 20.219 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

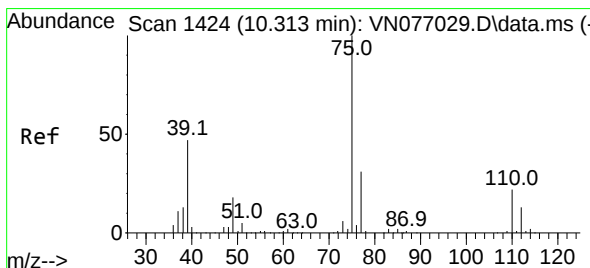
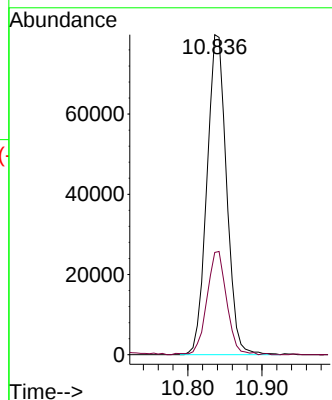
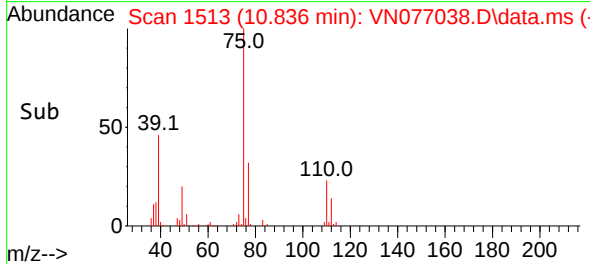
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 75 Resp: 146720
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7

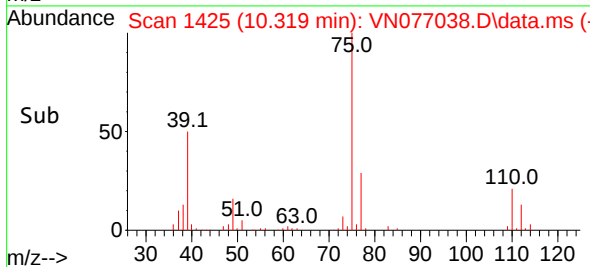
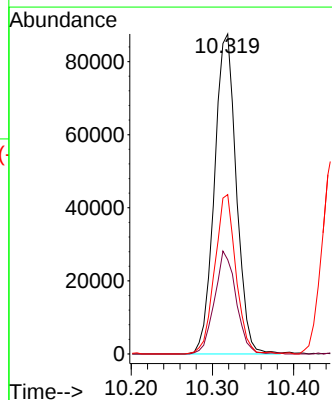
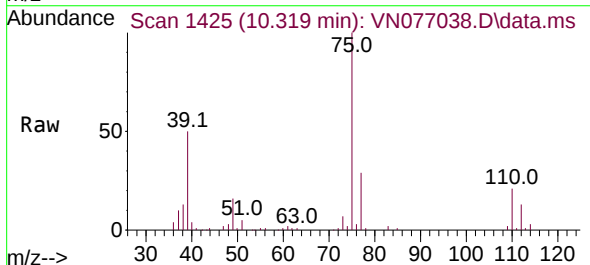
Manual Integrations
APPROVED

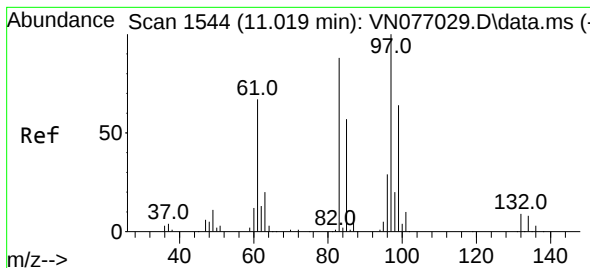
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.045 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 75 Resp: 164114
Ion Ratio Lower Upper
75 100
77 29.5 24.5 36.7
39 49.8 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 19.959 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

Tgt Ion: 97 Resp: 99038

Ion Ratio Lower Upper

97 100

83 83.0 70.5 105.7

85 53.9 45.4 68.2

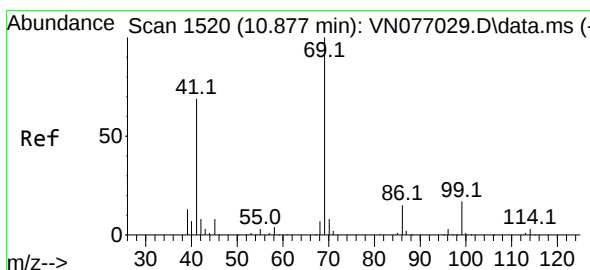
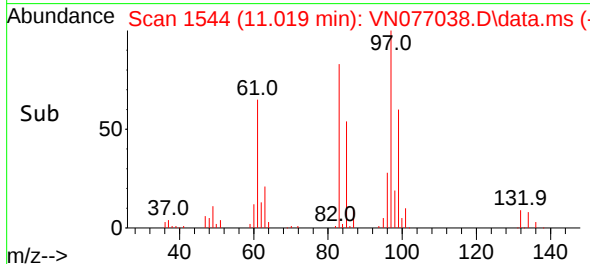
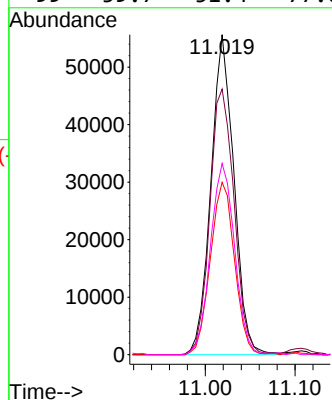
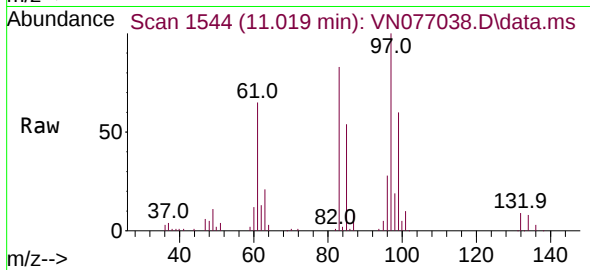
99 59.7 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#56

Ethyl methacrylate

Concen: 20.963 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

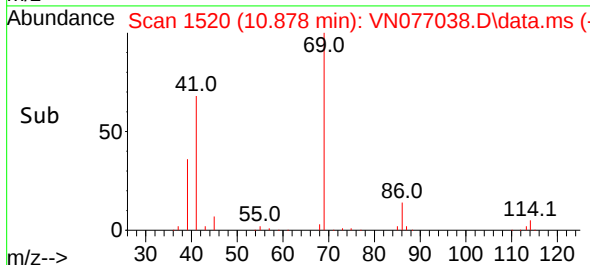
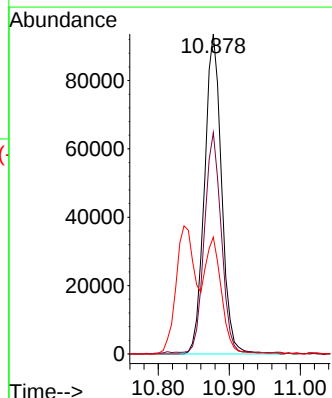
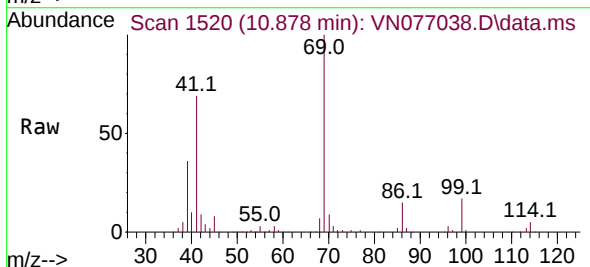
Tgt Ion: 69 Resp: 156417

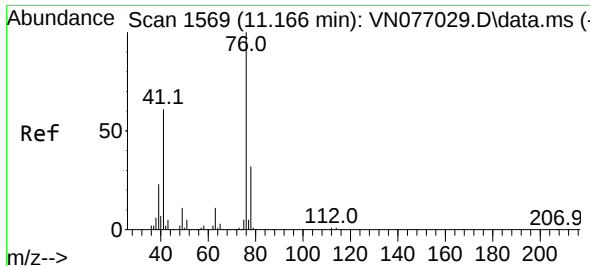
Ion Ratio Lower Upper

69 100

41 67.8 54.9 82.3

39 33.6 26.6 40.0





#57

1,3-Dichloropropane

Concen: 19.561 ug/l

RT: 11.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

Tgt Ion: 76 Resp: 17770

Ion Ratio Lower Upper

76 100

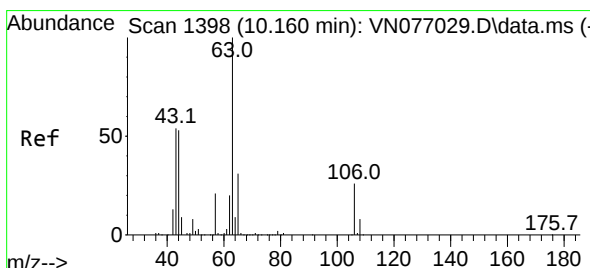
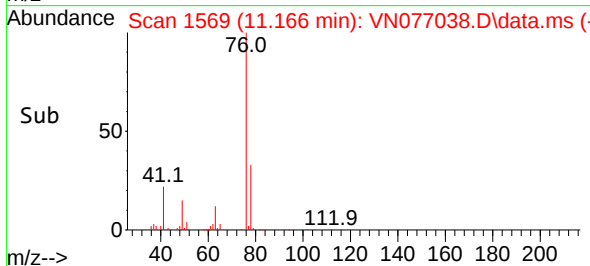
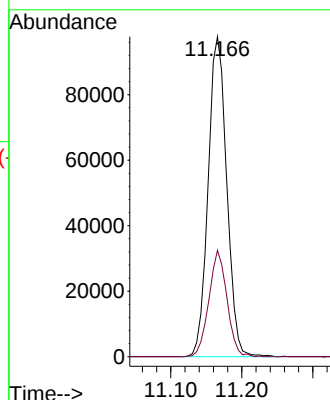
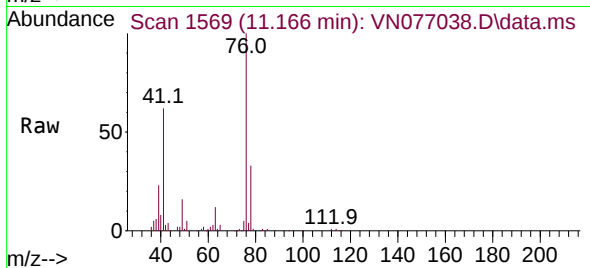
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.982 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077038.D

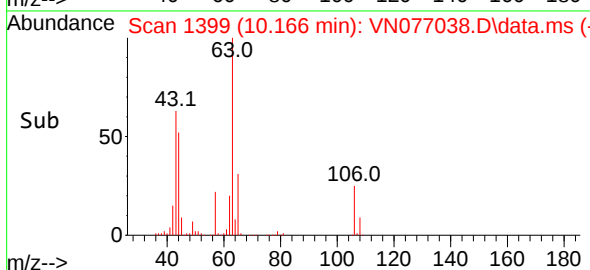
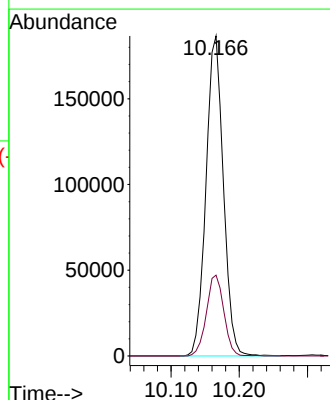
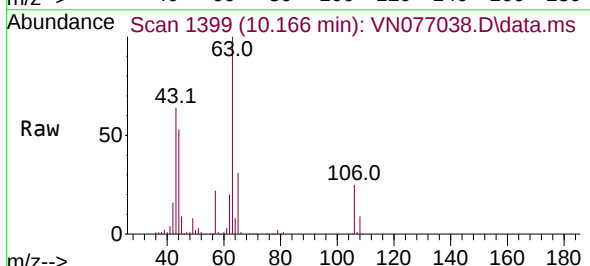
Acq: 17 Mar 2023 17:21

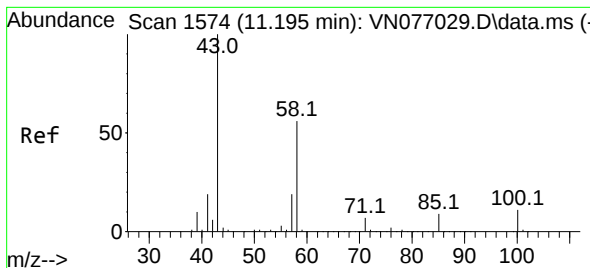
Tgt Ion: 63 Resp: 330767

Ion Ratio Lower Upper

63 100

106 25.3 20.6 31.0





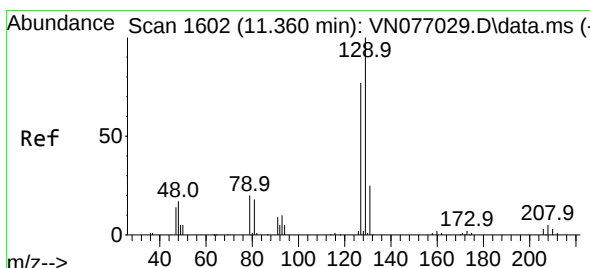
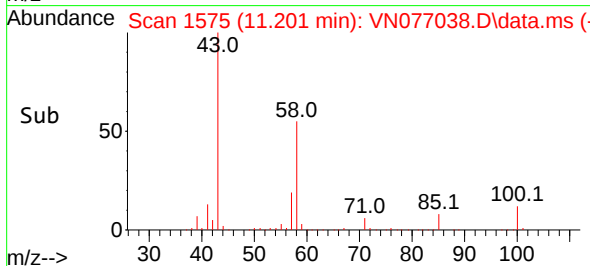
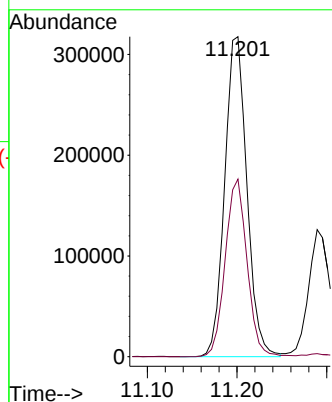
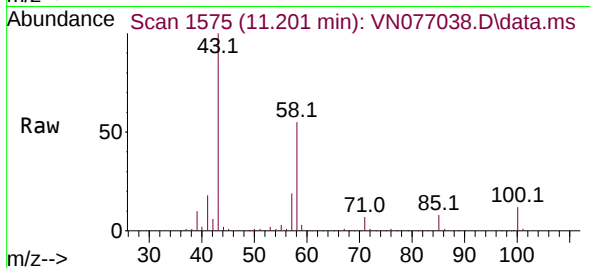
#59
2-Hexanone
Concen: 104.159 ug/l
RT: 11.201 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 43 Resp: 546410
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

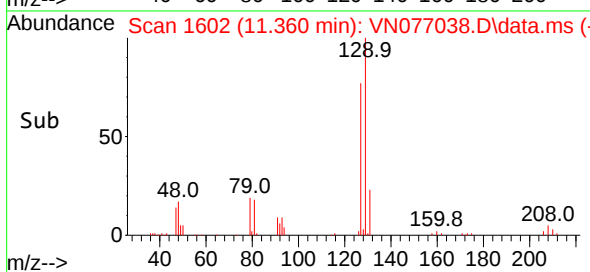
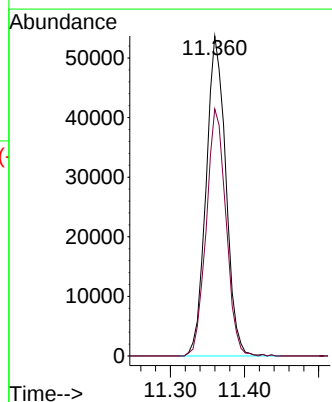
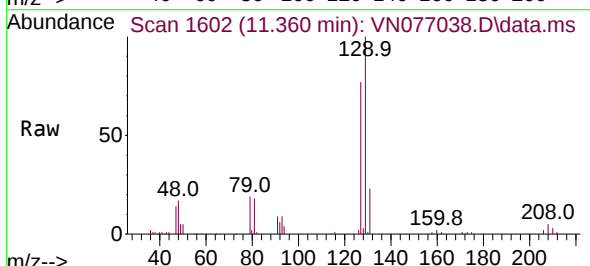
Manual Integrations
APPROVED

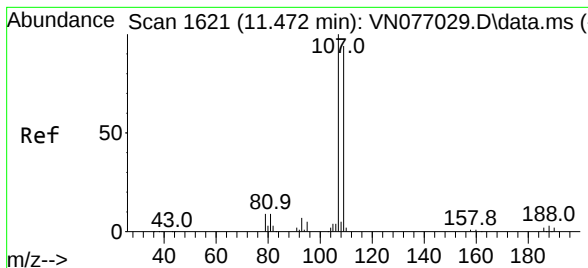
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 19.858 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:129 Resp: 98978
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





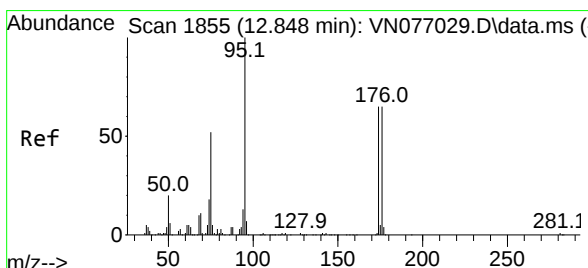
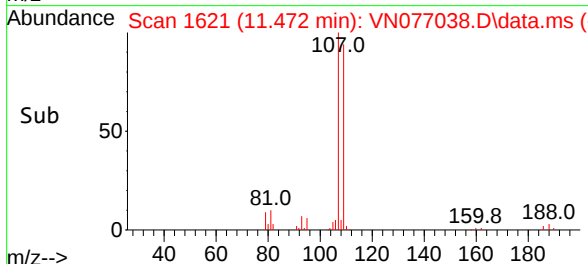
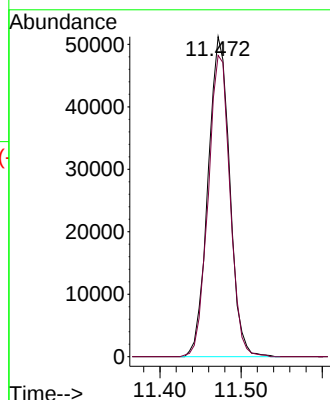
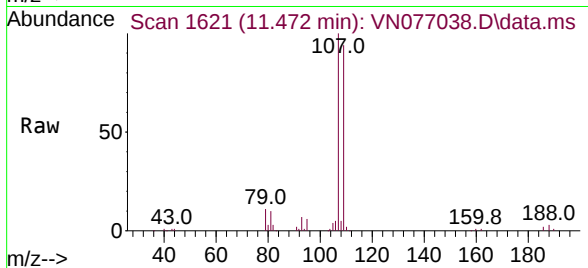
#61
1,2-Dibromoethane
Concen: 19.326 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:107 Resp: 95090
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

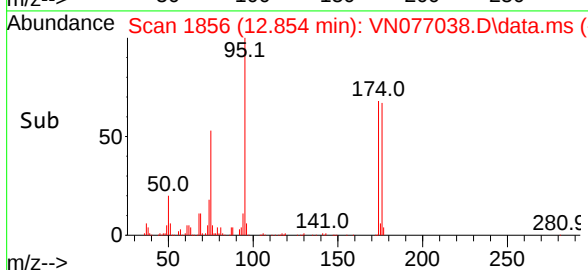
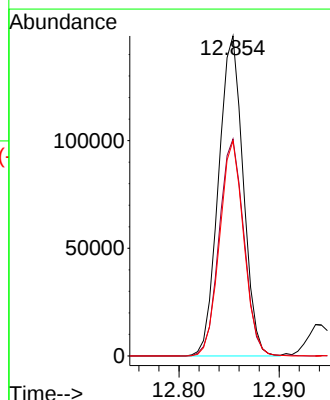
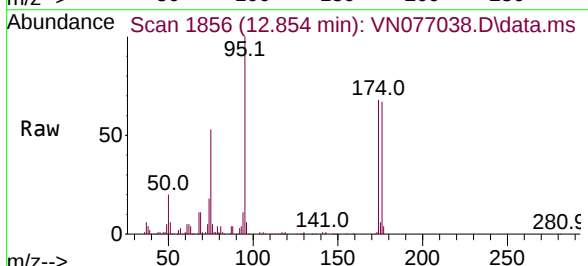
Manual Integrations
APPROVED

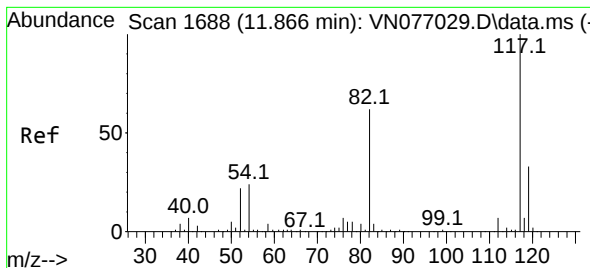
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#62
4-Bromofluorobenzene
Concen: 45.131 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 95 Resp: 253453
Ion Ratio Lower Upper
95 100
174 68.1 0.0 136.6
176 65.8 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

Tgt Ion:117 Resp: 56176

Ion Ratio Lower Upper

117 100

82 62.0 49.4 74.0

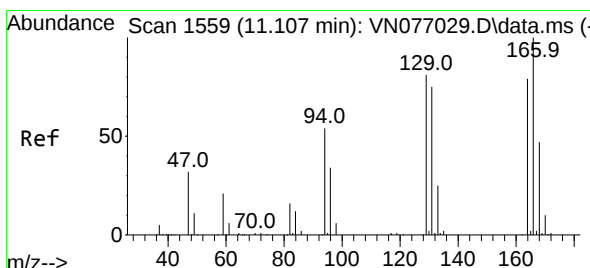
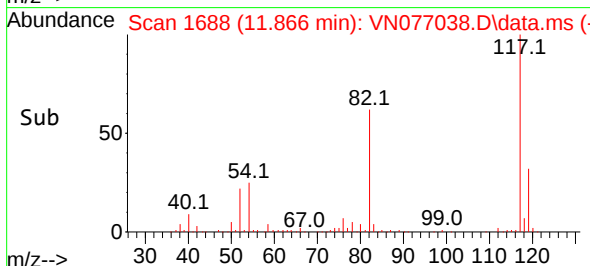
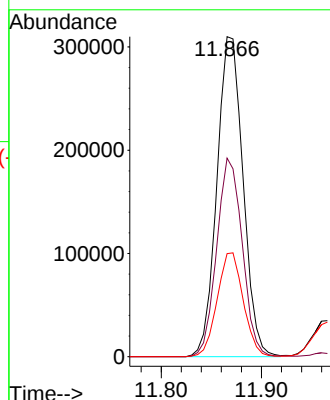
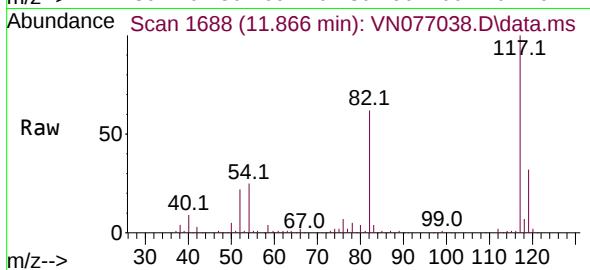
119 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#64

Tetrachloroethene

Concen: 18.997 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Tgt Ion:164 Resp: 71621

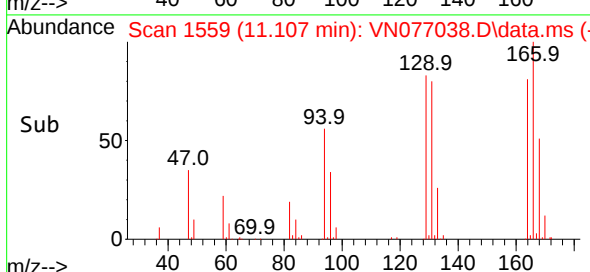
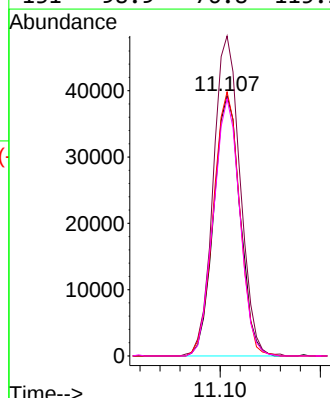
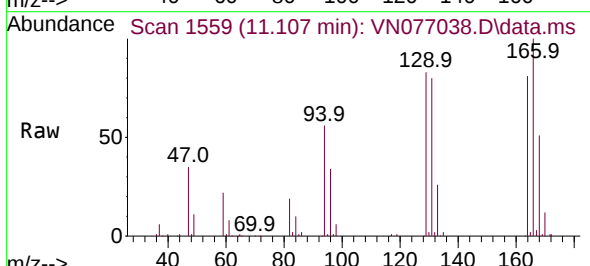
Ion Ratio Lower Upper

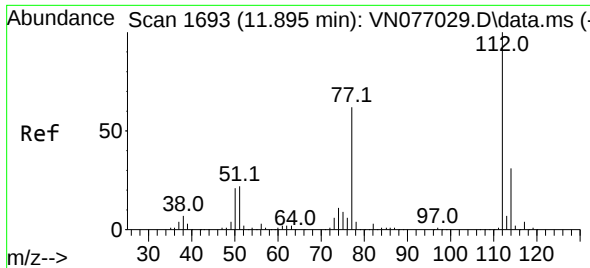
164 100

166 123.0 101.9 152.9

129 101.5 82.6 123.8

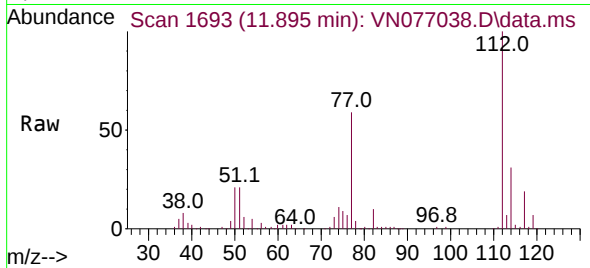
131 98.9 76.8 115.2





#65
Chlorobenzene
Concen: 19.195 ug/l
RT: 11.895 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

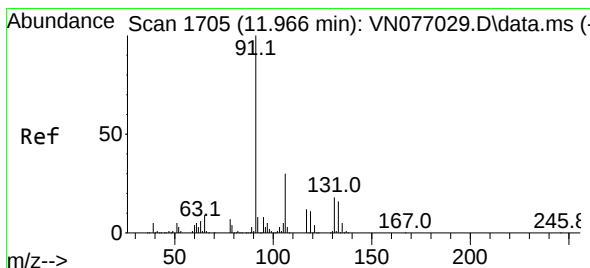
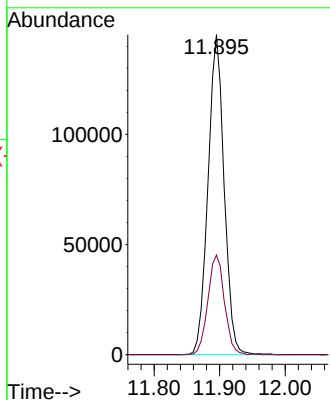
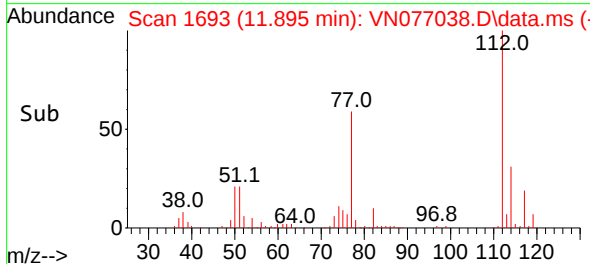
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



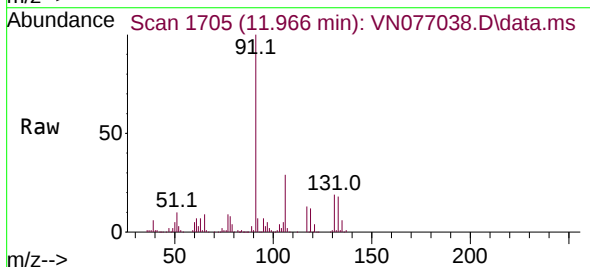
Tgt Ion:112 Resp: 24809
Ion Ratio Lower Upper
112 100
114 31.2 24.8 37.2

Manual Integrations
APPROVED

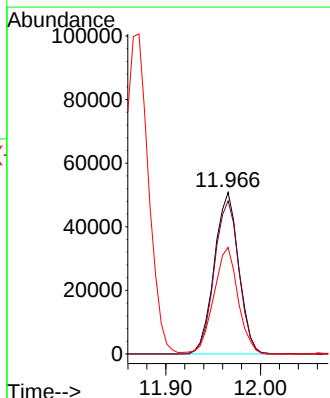
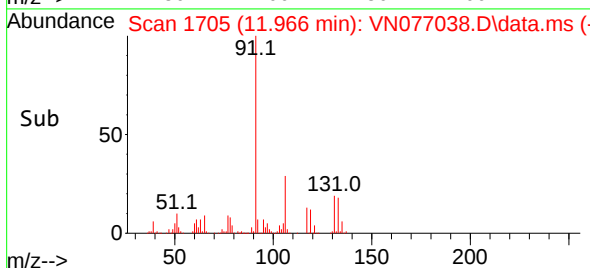
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

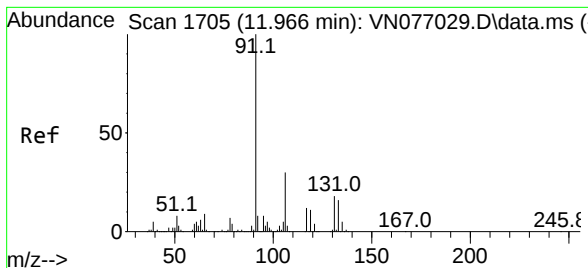


#66
1,1,1,2-Tetrachloroethane
Concen: 19.011 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



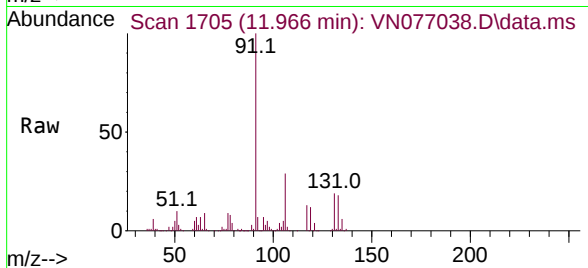
Tgt Ion:131 Resp: 90924
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 65.6 32.6 97.8





#67
Ethyl Benzene
Concen: 19.682 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

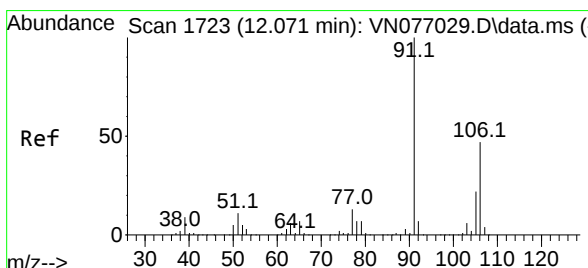
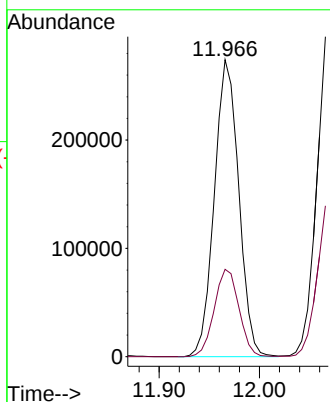
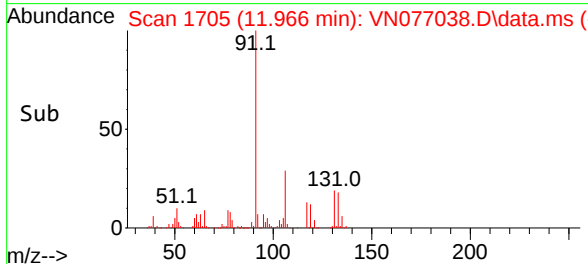
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



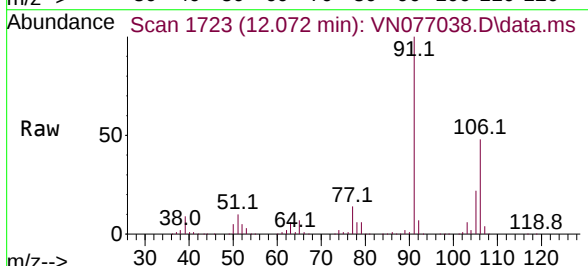
Tgt Ion: 91 Resp: 462075
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

Manual Integrations
APPROVED

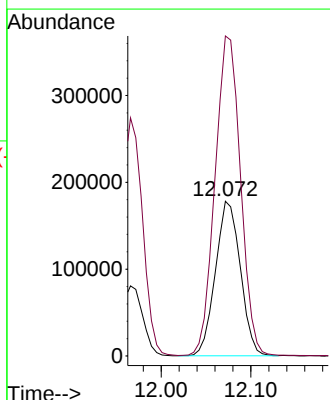
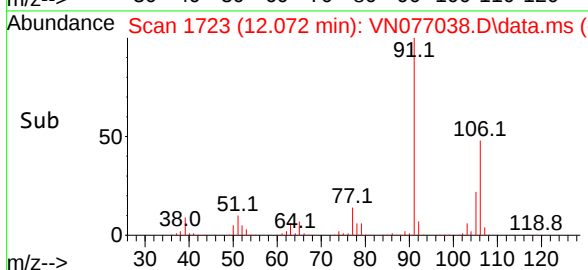
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

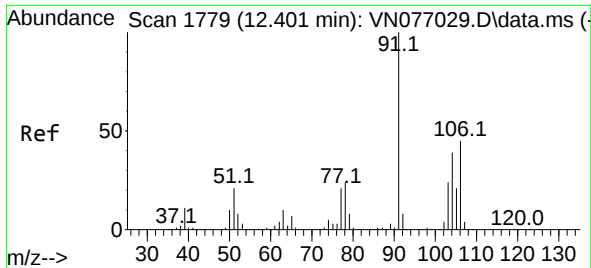


#68
m/p-Xylenes
Concen: 39.380 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



Tgt Ion:106 Resp: 342880
Ion Ratio Lower Upper
106 100
91 212.4 168.0 252.0





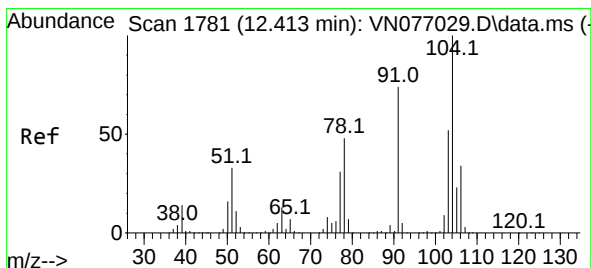
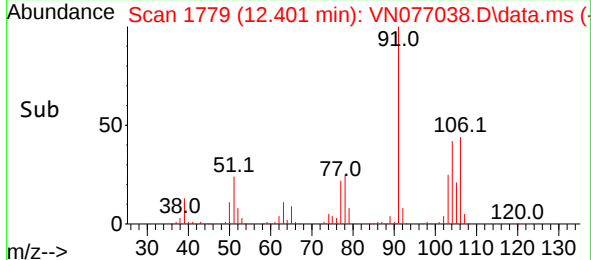
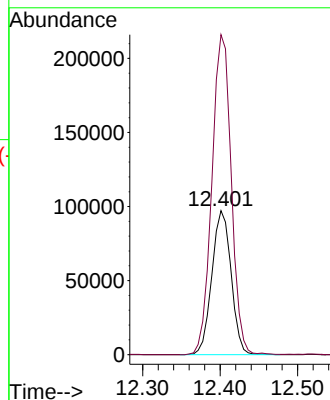
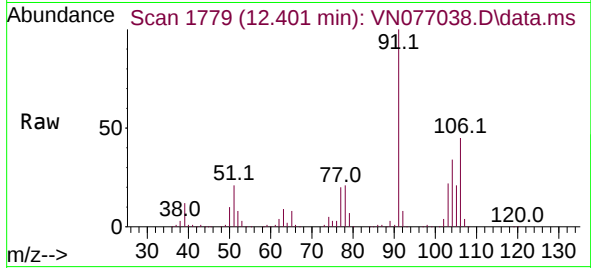
#69
o-Xylene
Concen: 19.399 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:106 Resp: 16783
Ion Ratio Lower Upper
106 100
91 223.9 110.3 330.9

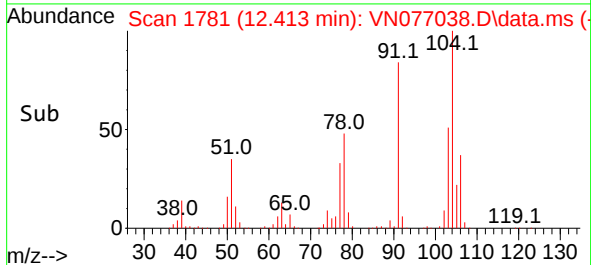
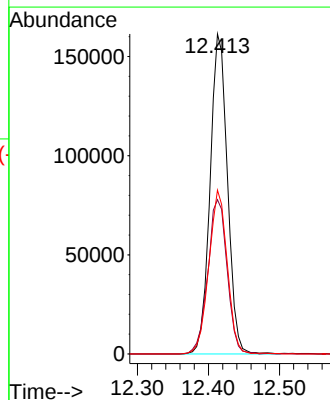
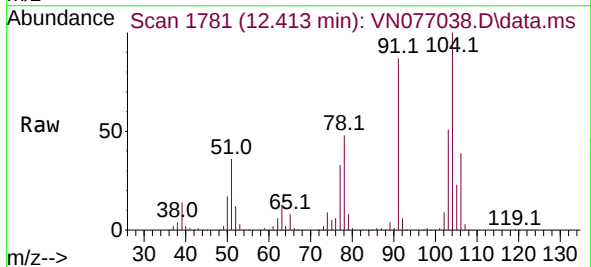
Manual Integrations
APPROVED

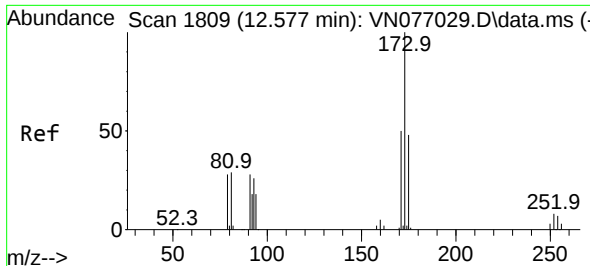
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 20.353 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

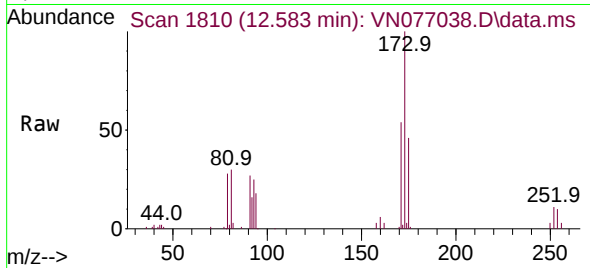
Tgt Ion:104 Resp: 274137
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.8
103 54.1 43.8 65.6





#71
Bromoform
Concen: 19.613 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

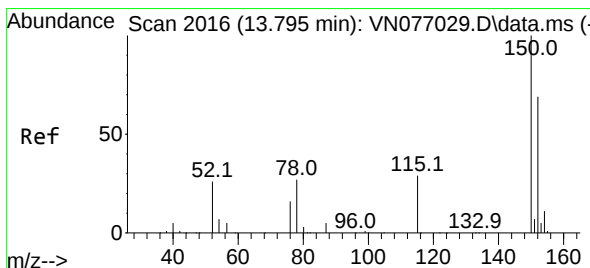
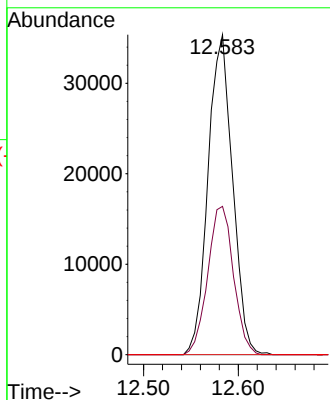
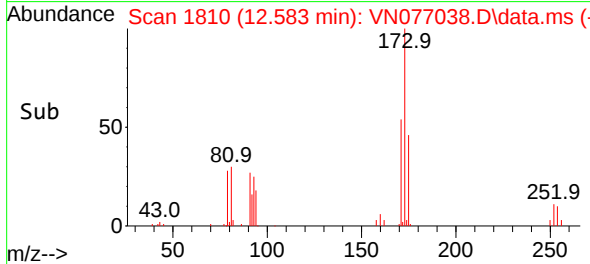
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:173 Resp: 63564
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.0 0.1 0.1

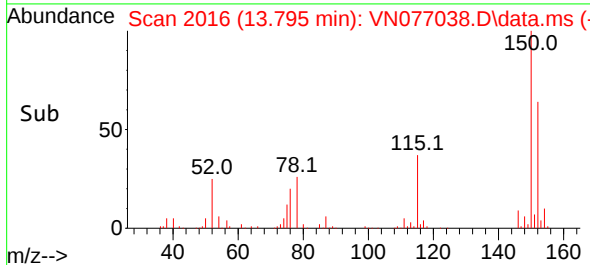
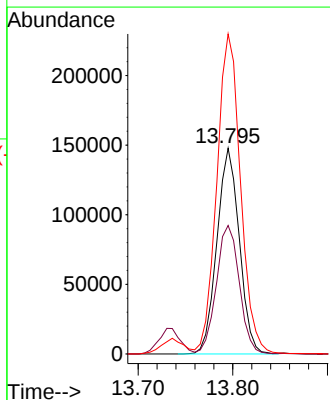
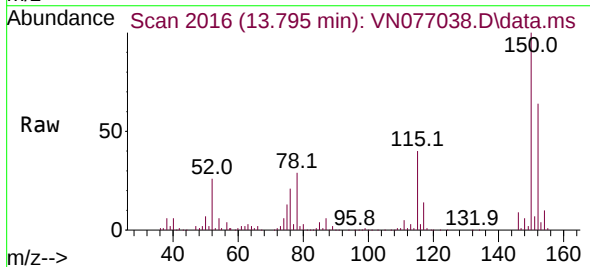
Manual Integrations
APPROVED

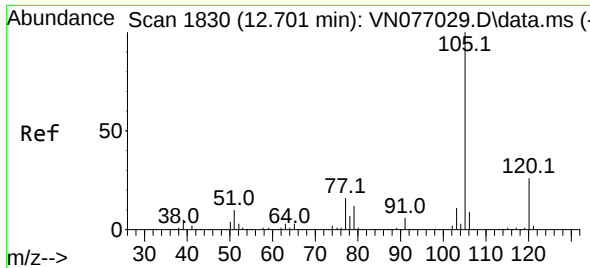
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

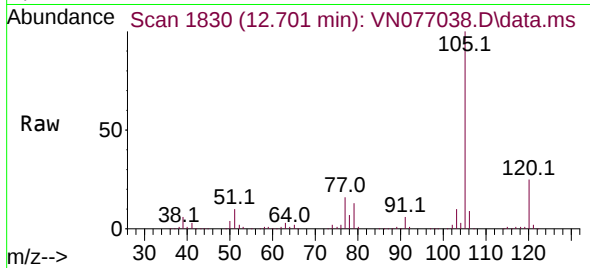
Tgt Ion:152 Resp: 242560
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.7
150 165.1 0.0 348.0





#73
Isopropylbenzene
Concen: 20.127 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

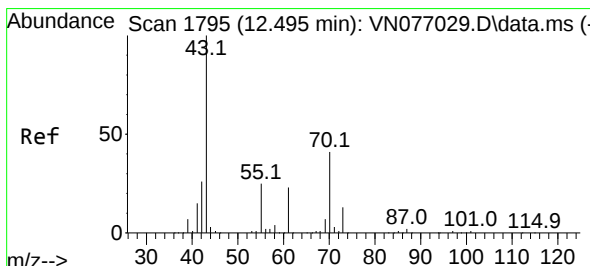
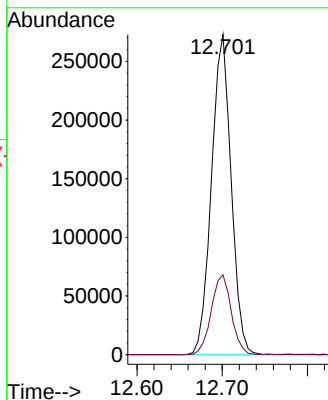
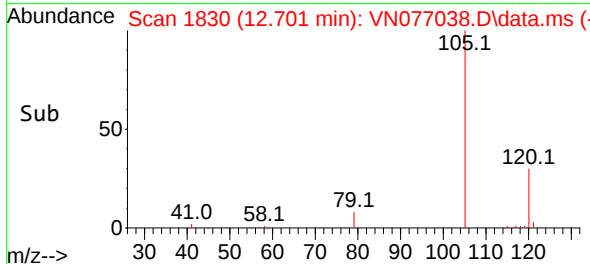
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



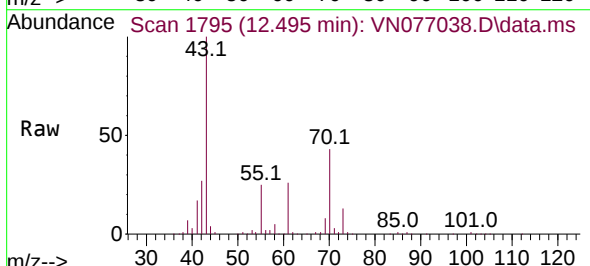
Tgt Ion:105 Resp: 43750
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations
APPROVED

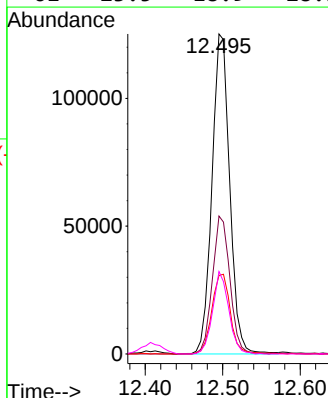
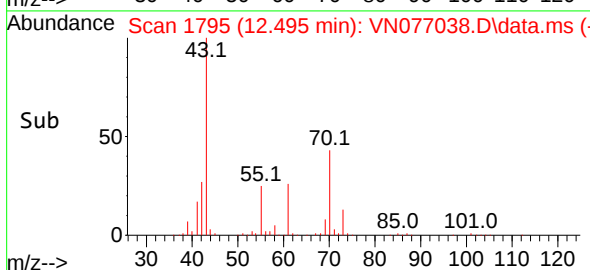
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

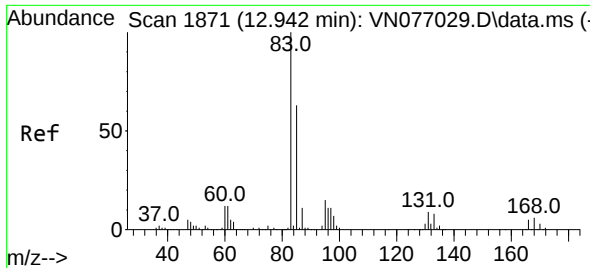


#74
N-ethyl acetate
Concen: 21.190 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



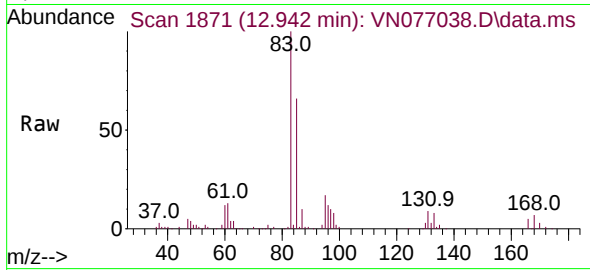
Tgt Ion: 43 Resp: 199368
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 26.1 20.3 30.5
61 23.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.209 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

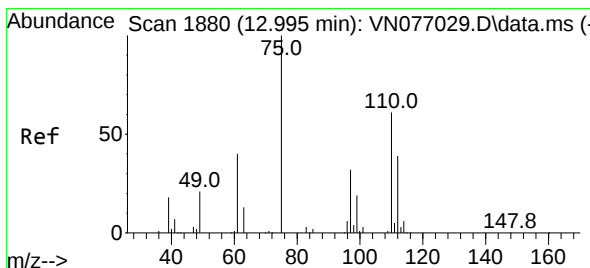
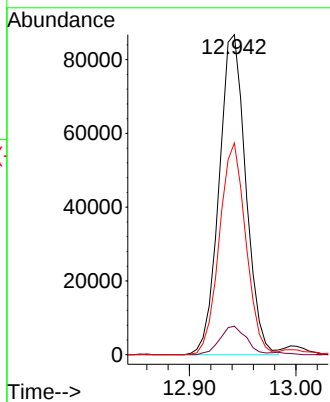
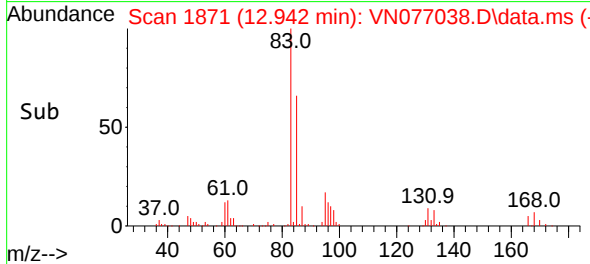
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion: 83 Resp: 151274
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.4 31.9 95.9

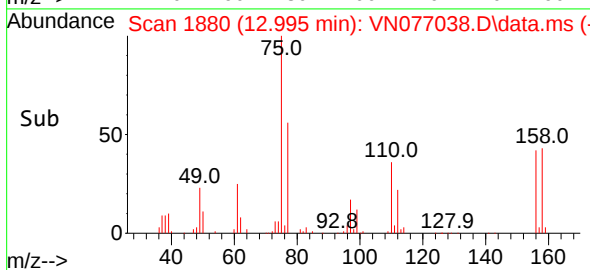
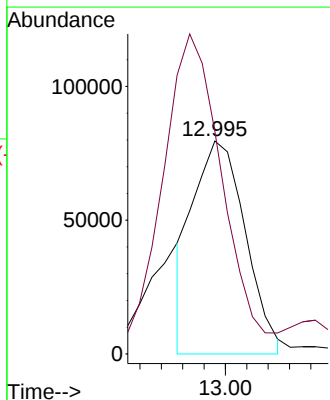
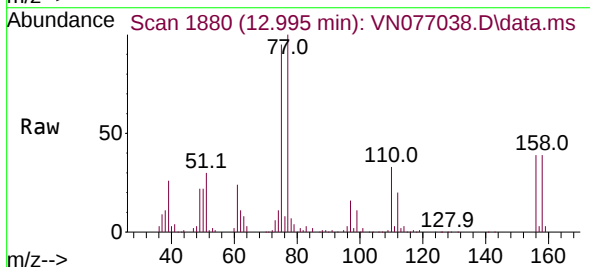
Manual Integrations
APPROVED

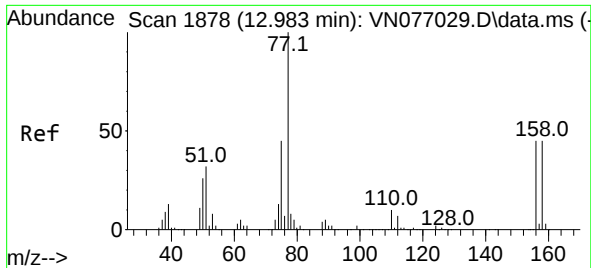
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 21.610 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

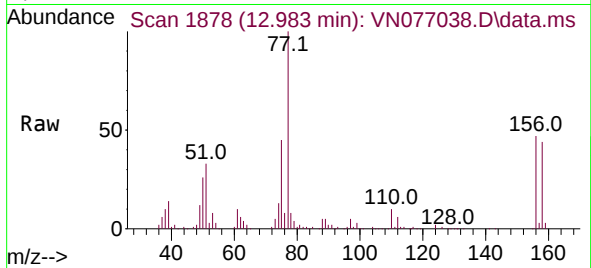
Tgt Ion: 75 Resp: 135582
Ion Ratio Lower Upper
75 100
77 173.8 107.3 322.0





#77
Bromobenzene
Concen: 19.724 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

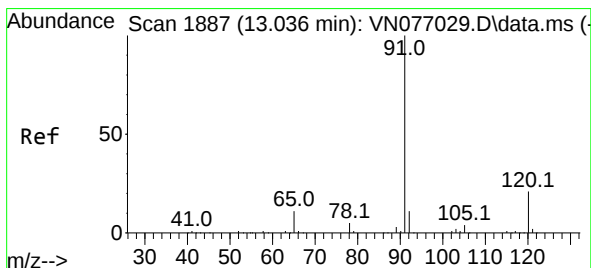
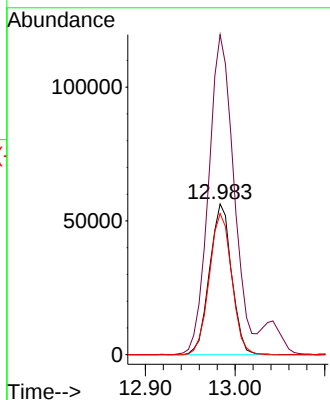
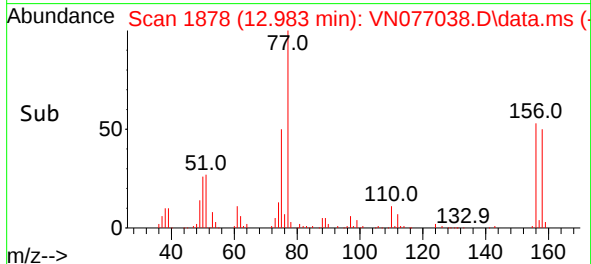
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



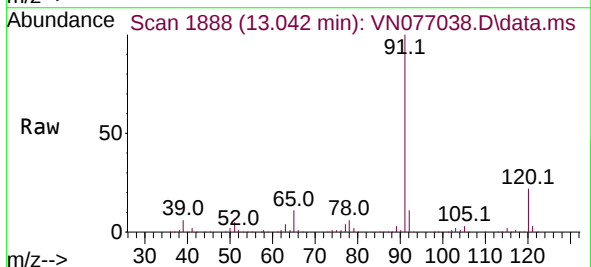
Tgt Ion:156 Resp: 96044
Ion Ratio Lower Upper
156 100
77 245.3 124.8 374.3
158 95.2 48.6 145.9

Manual Integrations
APPROVED

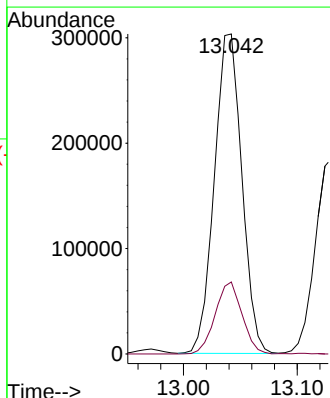
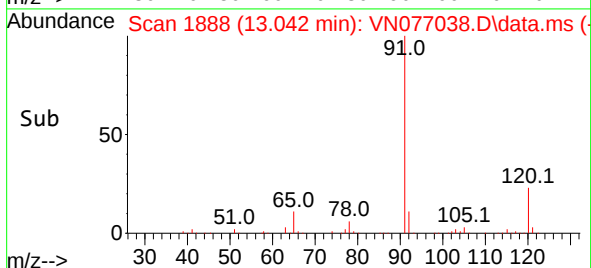
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

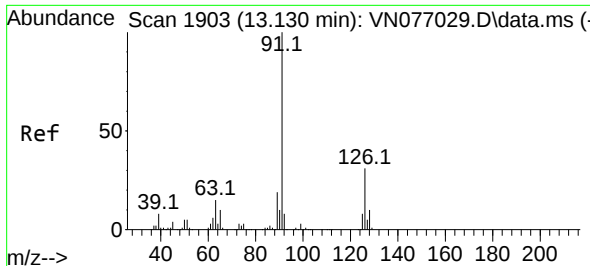


#78
n-propylbenzene
Concen: 20.326 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



Tgt Ion: 91 Resp: 510063
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.3





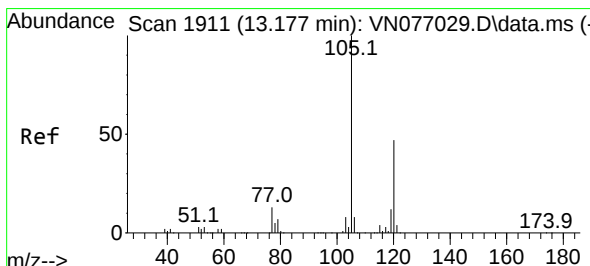
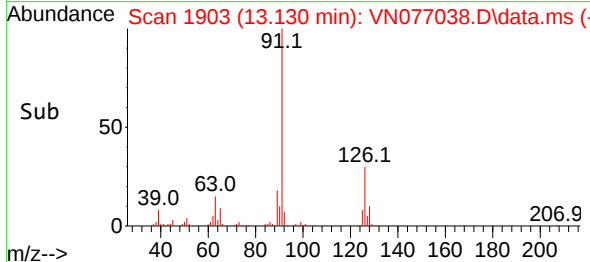
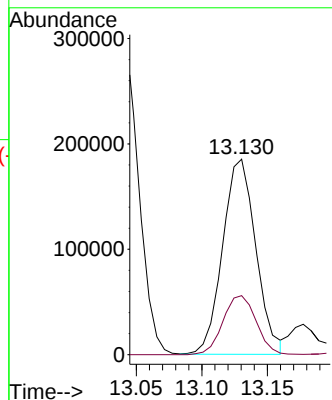
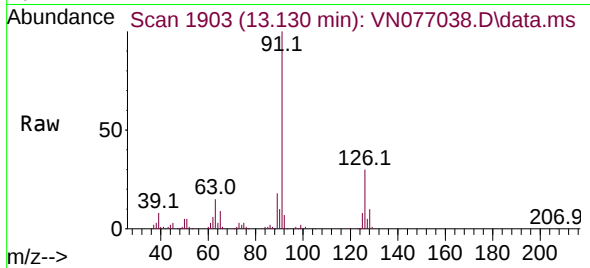
#79
2-Chlorotoluene
Concen: 20.419 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 91 Resp: 32649
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.5

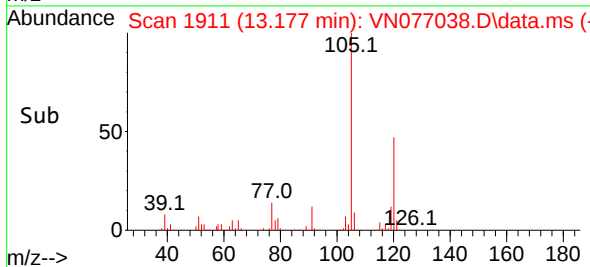
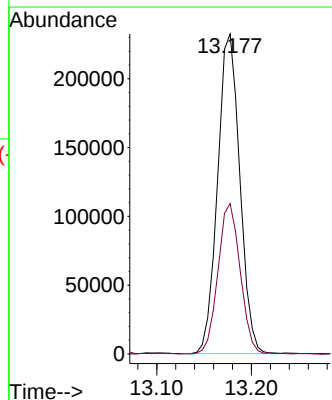
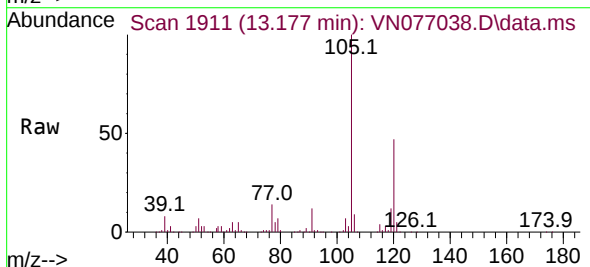
Manual Integrations
APPROVED

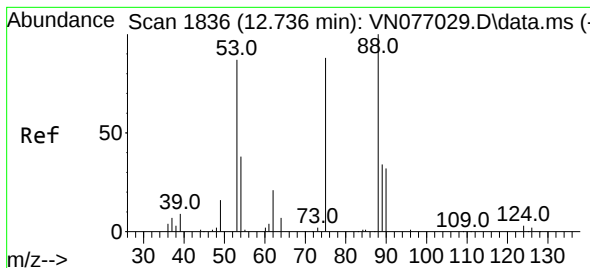
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.863 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:105 Resp: 378629
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.2





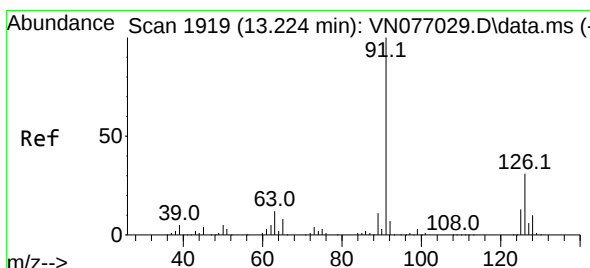
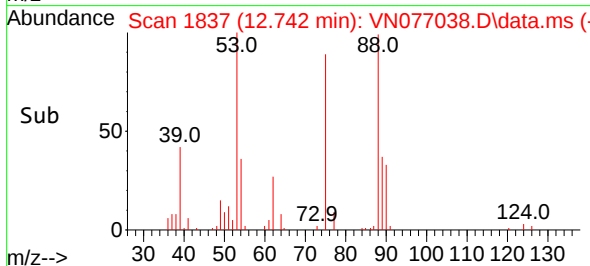
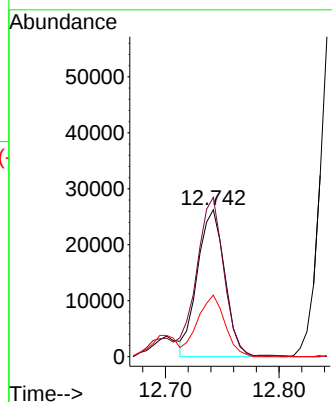
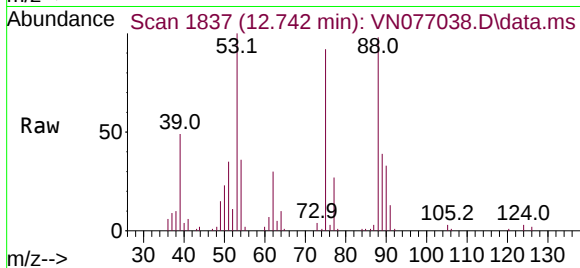
#81
trans-1,4-Dichloro-2-butene
Concen: 19.360 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 75 Resp: 44128
Ion Ratio Lower Upper
75 100
53 108.5 80.8 121.2
89 42.0 34.2 51.4

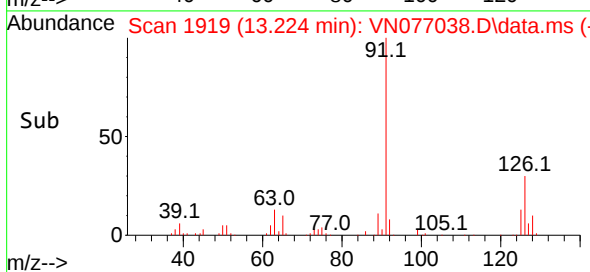
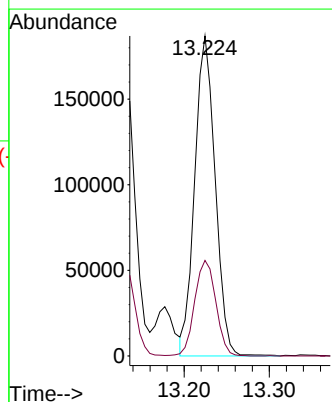
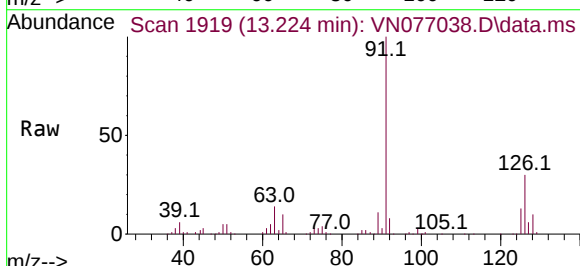
Manual Integrations
APPROVED

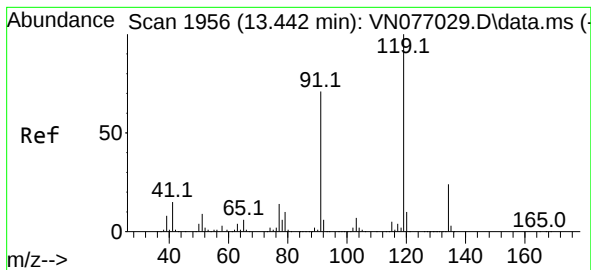
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 20.453 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion: 91 Resp: 310985
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5





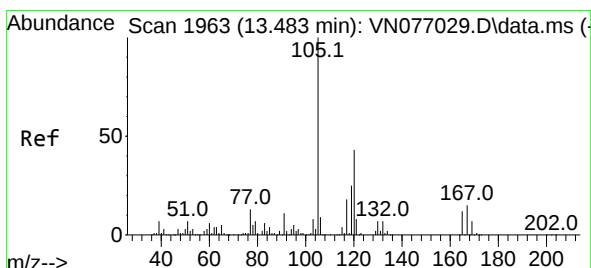
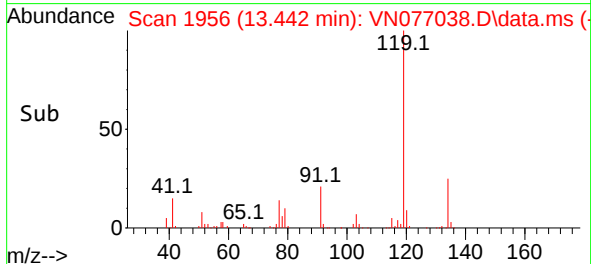
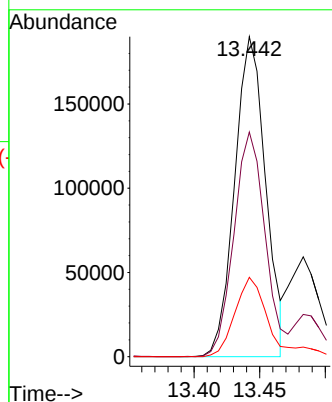
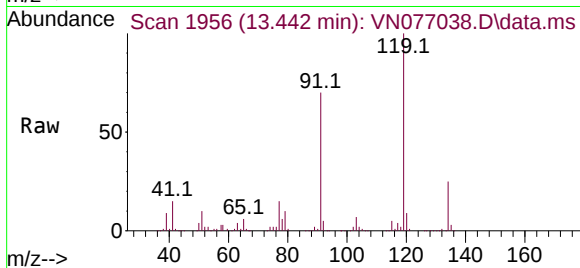
#83
tert-Butylbenzene
Concen: 20.450 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion:119 Resp: 311609
Ion Ratio Lower Upper
119 100
91 71.5 35.8 107.3
134 27.2 13.3 39.8

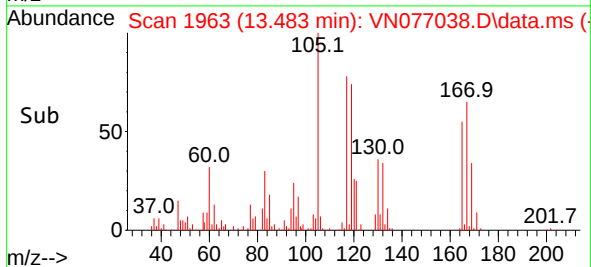
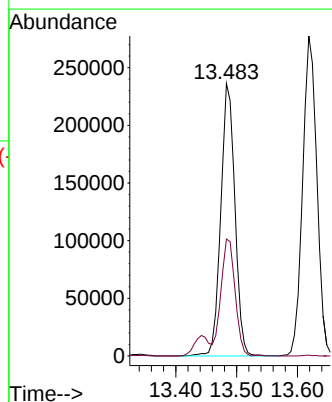
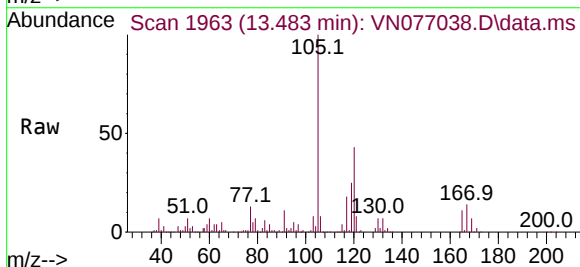
Manual Integrations
APPROVED

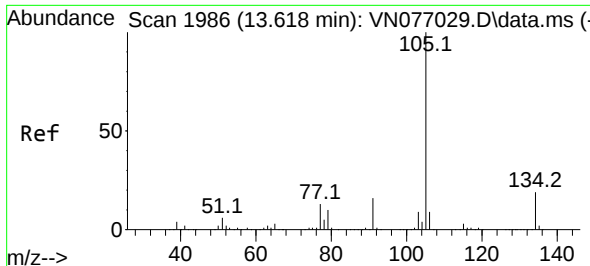
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.032 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

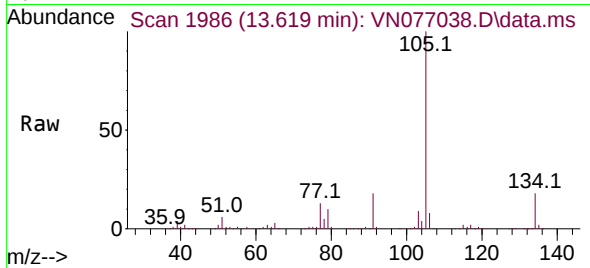
Tgt Ion:105 Resp: 380912
Ion Ratio Lower Upper
105 100
120 42.6 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 20.712 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21

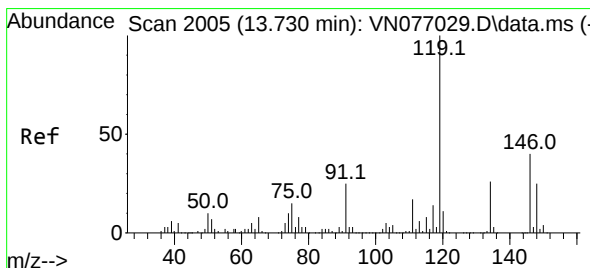
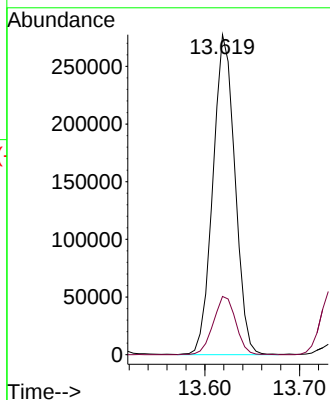
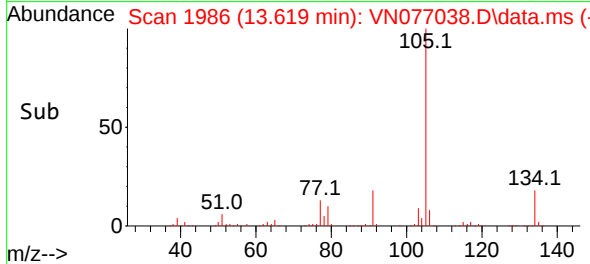
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01



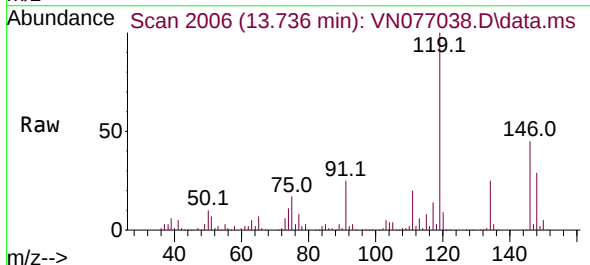
Tgt Ion:105 Resp: 448954
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.9

Manual Integrations
 APPROVED

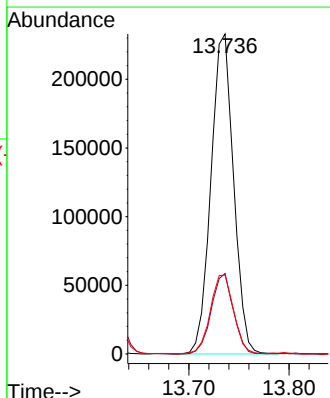
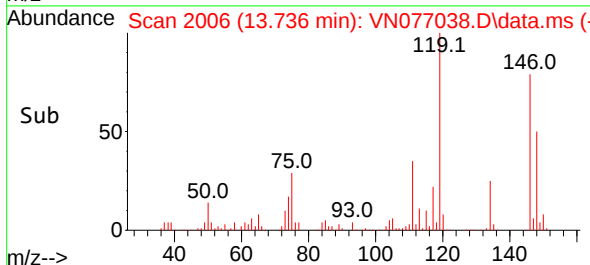
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

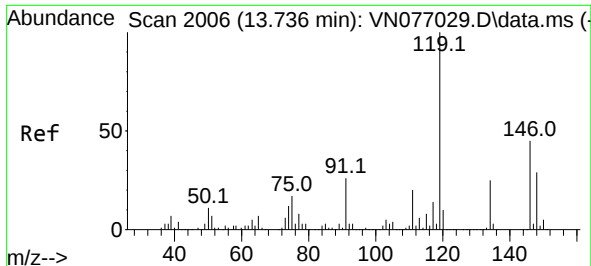


#86
 p-Isopropyltoluene
 Concen: 20.967 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077038.D
 Acq: 17 Mar 2023 17:21



Tgt Ion:119 Resp: 364970
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.4
 91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.554 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

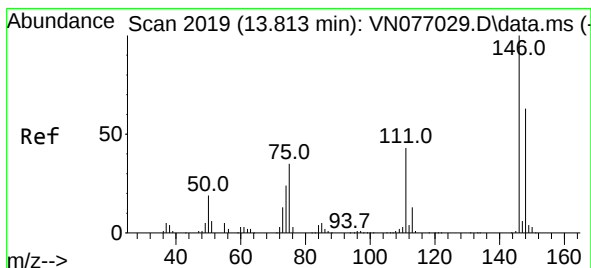
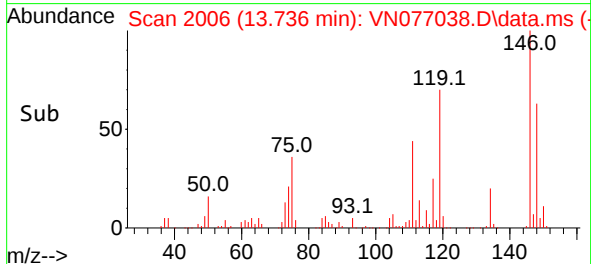
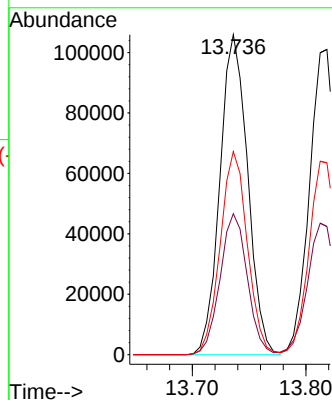
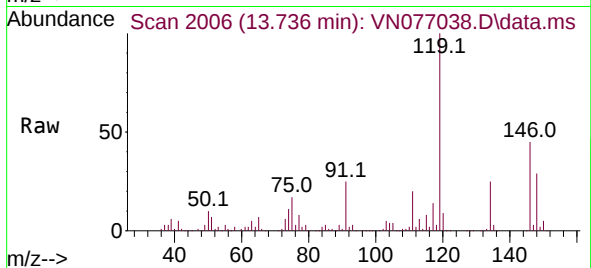
Tgt Ion:146 Resp: 179962
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.5
 148 62.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 18.832 ug/l

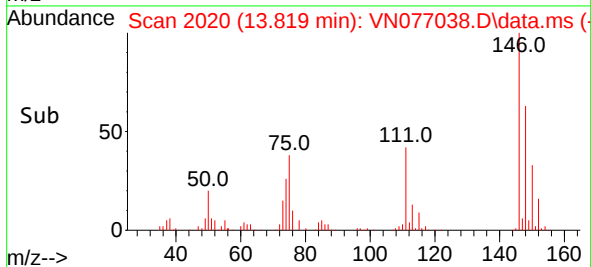
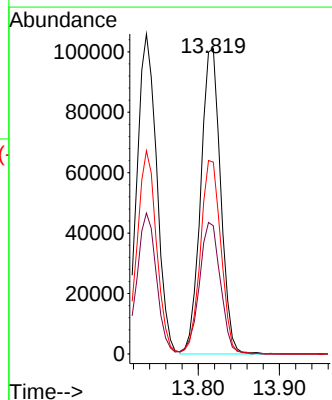
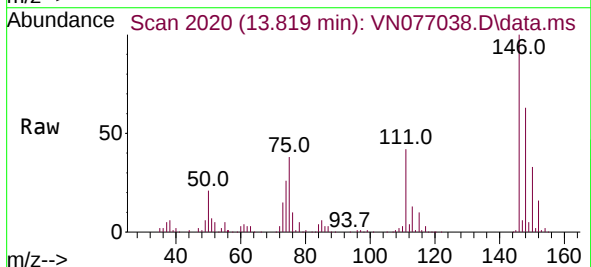
RT: 13.819 min Scan# 2020

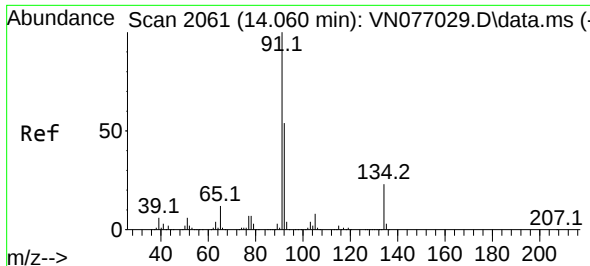
Delta R.T. 0.006 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Tgt Ion:146 Resp: 172435
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.5 64.5
 148 64.8 31.9 95.9





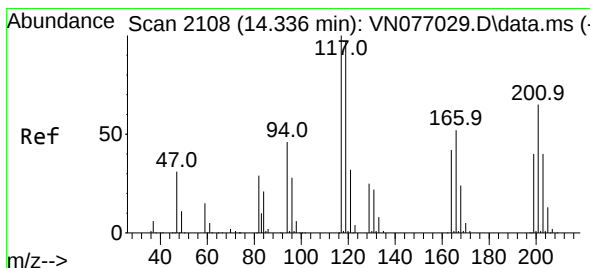
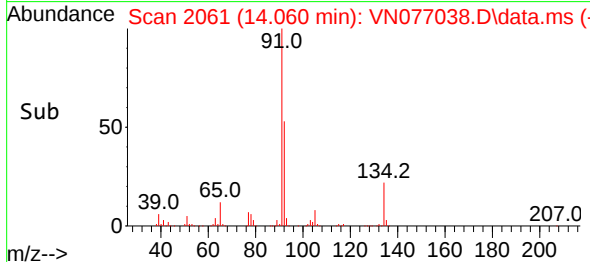
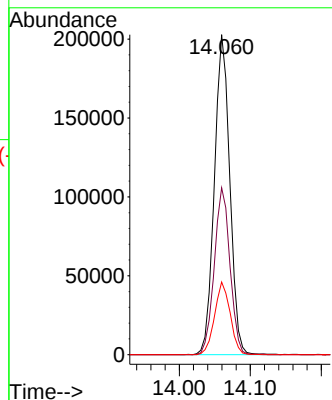
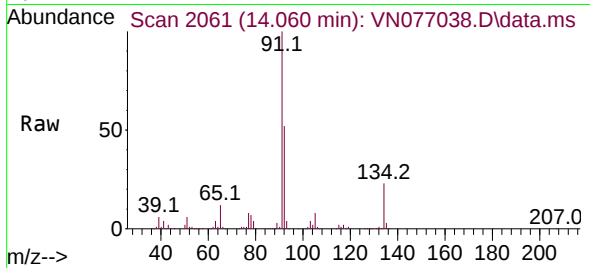
#89
n-Butylbenzene
Concen: 19.993 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tgt Ion: 91 Resp: 305308
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 22.9 11.7 35.1

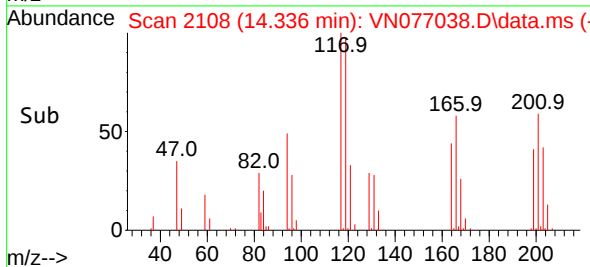
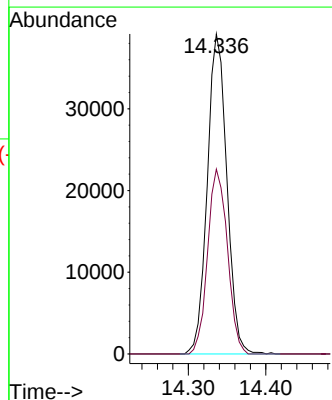
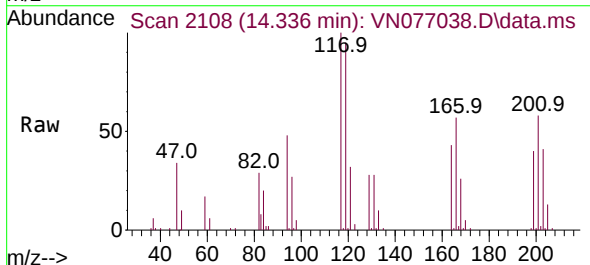
Manual Integrations
APPROVED

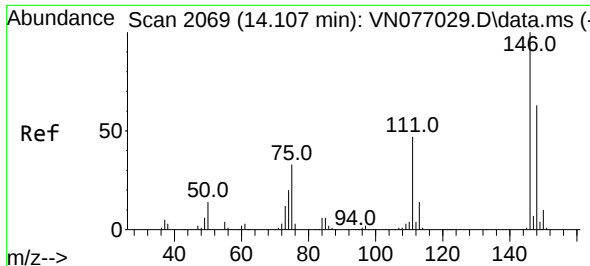
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 19.397 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

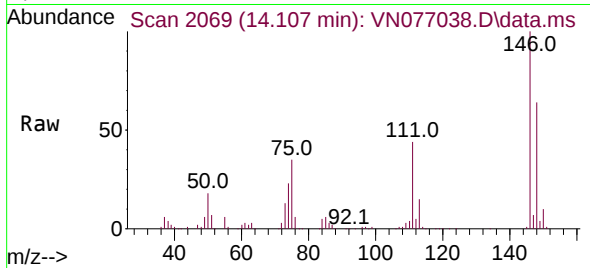
Tgt Ion:117 Resp: 68646
Ion Ratio Lower Upper
117 100
201 58.3 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 19.432 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

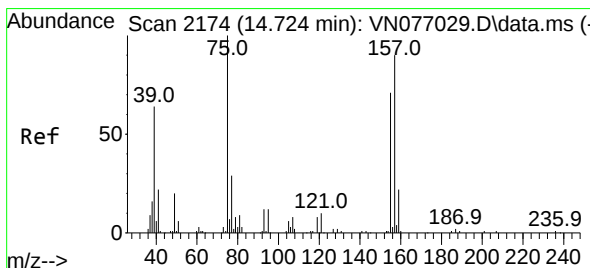
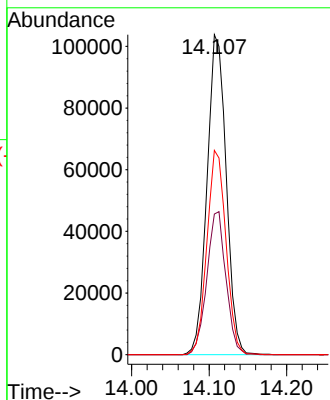
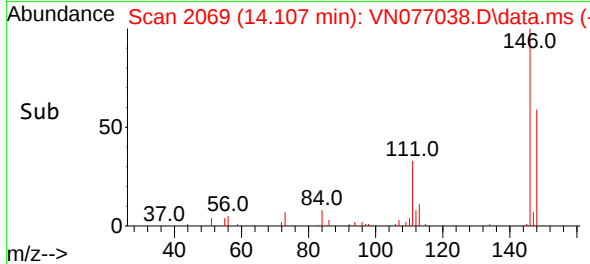
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



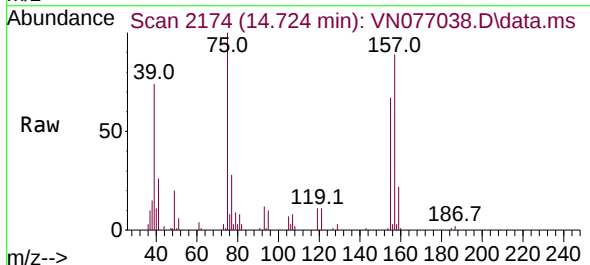
Tgt Ion:146 Resp: 178259
Ion Ratio Lower Upper
146 100
111 44.6 22.6 67.7
148 63.5 31.6 95.0

Manual Integrations
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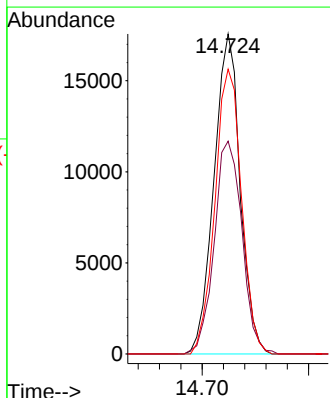
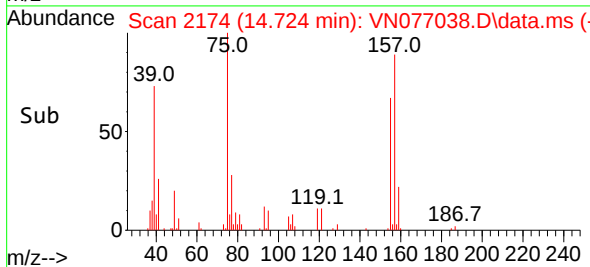
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

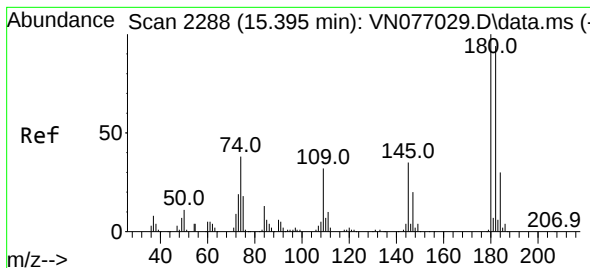


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.514 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21



Tgt Ion: 75 Resp: 29935
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.3
157 90.2 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 20.020 ug/l

RT: 15.395 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

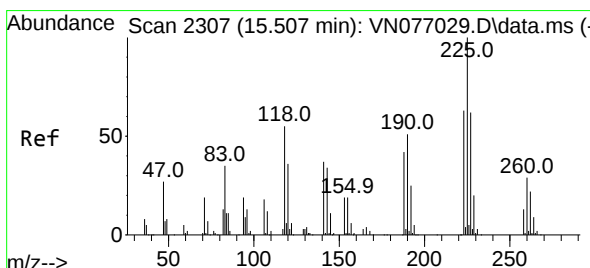
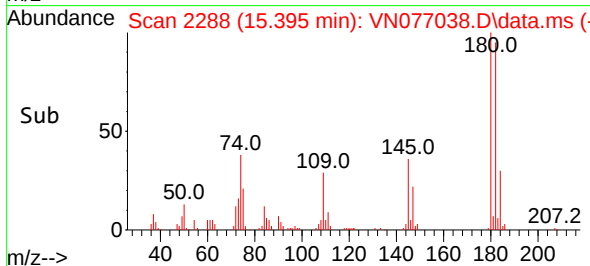
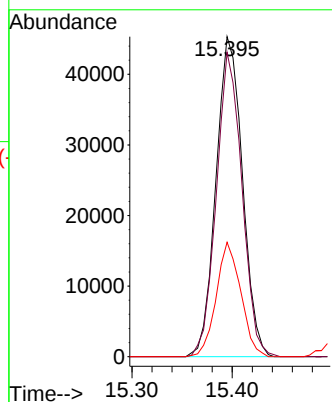
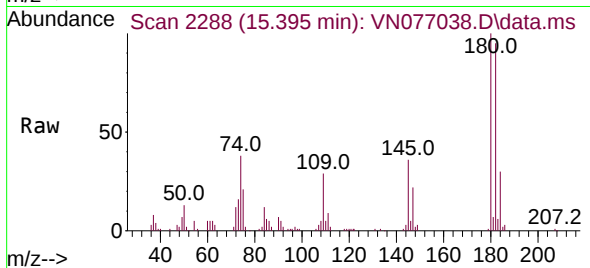
Tgt Ion:180	Resp:	8302
Ion Ratio	Lower	Upper
180	100	
182	92.0	47.3 141.9
145	33.2	16.9 50.7

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 19.054 ug/l

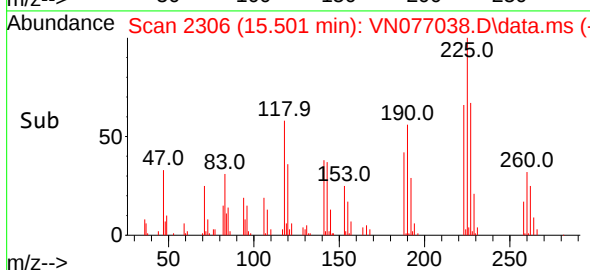
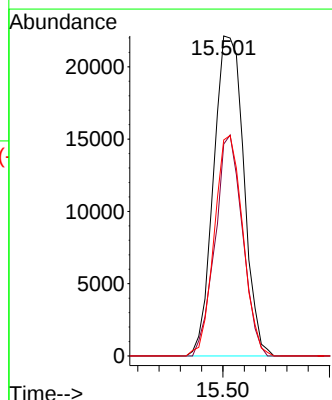
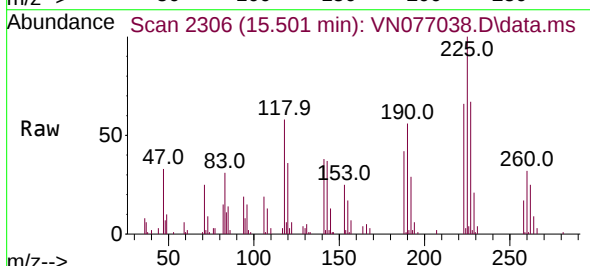
RT: 15.501 min Scan# 2306

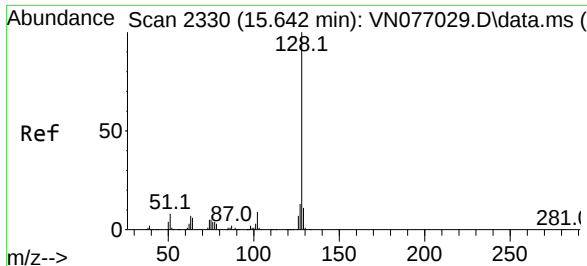
Delta R.T. -0.006 min

Lab File: VN077038.D

Acq: 17 Mar 2023 17:21

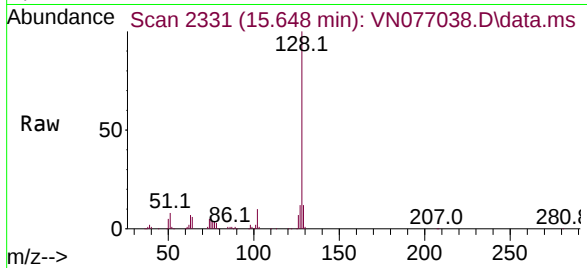
Tgt Ion:225	Resp:	43516
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.6 95.0
227	65.0	31.3 93.8





#95
Naphthalene
Concen: 18.791 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

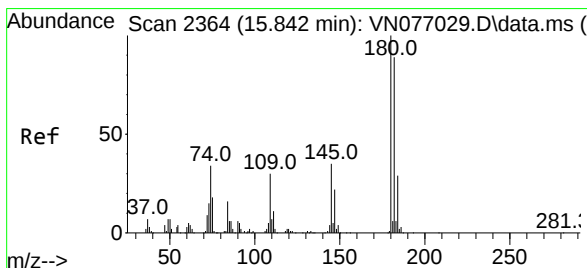
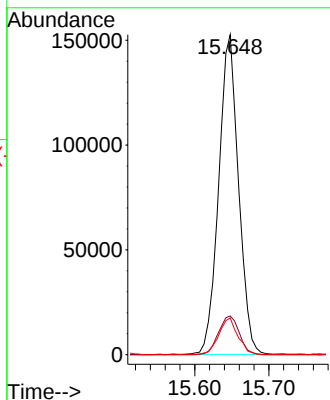
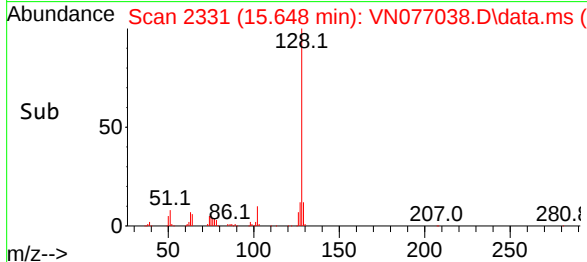
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01



Tgt Ion:128 Resp: 282820
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.454 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077038.D
Acq: 17 Mar 2023 17:21

Tgt Ion:180 Resp: 85114
Ion Ratio Lower Upper
180 100
182 92.9 47.4 142.2
145 35.2 17.9 53.8

