

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077025.D
 Acq On : 17 Mar 2023 09:25
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 18 01:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	694412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	580100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	220900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	7429	1.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.480%#
35) Dibromofluoromethane	8.166	113	5620	1.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.380%#
50) Toluene-d8	10.571	98	17686	1.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.040%#
62) 4-Bromofluorobenzene	12.848	95	6518	1.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.120%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	5795	0.463	ug/l	97
3) Chloromethane	2.372	50	4500	1.192	ug/l	97
4) Vinyl Chloride	2.537	62	4378	1.075	ug/l #	79
5) Bromomethane	2.984	94	4673	1.698	ug/l	94
6) Chloroethane	3.143	64	3163	1.227	ug/l #	88
7) Trichlorofluoromethane	3.507	101	10177	1.161	ug/l	99
8) Diethyl Ether	3.972	74	3641	1.104	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	6132	1.233	ug/l	98
10) Methyl Iodide	4.607	142	6224	1.111	ug/l #	91
11) Tert butyl alcohol	5.537	59	4962	5.691	ug/l #	81
12) 1,1-Dichloroethene	4.348	96	5307	1.167	ug/l	82
13) Acrolein	4.190	56	3279	3.040	ug/l #	77
14) Allyl chloride	5.025	41	9014	1.061	ug/l #	80
15) Acrylonitrile	5.731	53	15373	5.244	ug/l	96
16) Acetone	4.448	43	15833	5.938	ug/l	92
17) Carbon Disulfide	4.725	76	17019	1.283	ug/l #	95
18) Methyl Acetate	5.048	43	10557	1.050	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	17477	1.071	ug/l	95
20) Methylene Chloride	5.289	84	7283	1.259	ug/l	97
21) trans-1,2-Dichloroethene	5.807	96	5629	1.142	ug/l #	82
22) Diisopropyl ether	6.678	45	18479	1.013	ug/l #	86
23) Vinyl Acetate	6.613	43	51339	4.575	ug/l	98
24) 1,1-Dichloroethane	6.578	63	11978	1.147	ug/l	95
25) 2-Butanone	7.495	43	19974	5.121	ug/l	100
26) 2,2-Dichloropropane	7.495	77	8122	1.034	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	5662	1.003	ug/l	90
28) Bromochloromethane	7.813	49	5570	1.229	ug/l #	94
29) Tetrahydrofuran	7.854	42	12403	4.907	ug/l	94
30) Chloroform	7.966	83	11416	1.127	ug/l	91
31) Cyclohexane	8.242	56	19609	2.003	ug/l #	54
32) 1,1,1-Trichloroethane	8.178	97	9511	1.098	ug/l #	52
36) 1,1-Dichloropropene	8.383	75	7912	1.042	ug/l	97
37) Ethyl Acetate	7.560	43	8326	1.025	ug/l #	90
38) Carbon Tetrachloride	8.366	117	7763	1.049	ug/l #	88
39) Methylcyclohexane	9.607	83	8756	0.985	ug/l	98
40) Benzene	8.613	78	24532	1.065	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	4709	1.114	ug/l #	91
42) 1,2-Dichloroethane	8.683	62	9228	1.109	ug/l	100
43) Isopropyl Acetate	8.695	43	12369	0.974	ug/l	94
44) Trichloroethene	9.348	130	6346	1.199	ug/l	70
45) 1,2-Dichloropropane	9.619	63	6554	1.071	ug/l #	85
46) Dibromomethane	9.713	93	4290	1.112	ug/l	97
47) Bromodichloromethane	9.889	83	9128	1.128	ug/l #	94
48) Methyl methacrylate	9.689	41	5727	0.944	ug/l	95
49) 1,4-Dioxane	9.707	88	1982	19.120	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	36659	4.637	ug/l	96
52) Toluene	10.630	92	13442	0.977	ug/l	94
53) t-1,3-Dichloropropene	10.842	75	7517	0.948	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	8460	0.945	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	5283	0.974	ug/l #	88
56) Ethyl methacrylate	10.877	69	7044	0.864	ug/l	99
57) 1,3-Dichloropropane	11.166	76	10634	1.071	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.166	63	14715	4.232	ug/l	97
59) 2-Hexanone	11.195	43	25721	4.486	ug/l	96
60) Dibromochloromethane	11.360	129	5497	1.009	ug/l	97
61) 1,2-Dibromoethane	11.477	107	6002	1.116	ug/l	87
64) Tetrachloroethene	11.101	164	4499	1.156	ug/l #	82
65) Chlorobenzene	11.895	112	15295	1.146	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	5721	1.158	ug/l #	61
67) Ethyl Benzene	11.966	91	24489	1.010	ug/l	98
68) m/p-Xylenes	12.071	106	17708	1.969	ug/l	92
69) o-Xylene	12.401	106	9057	1.014	ug/l	91
70) Styrene	12.418	104	11886	0.855	ug/l	97
71) Bromoform	12.583	173	3348	1.000	ug/l #	97
73) Isopropylbenzene	12.701	105	19564	0.988	ug/l	97
74) N-amyl acetate	12.501	43	8371	0.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	8908	1.242	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	10031	1.755	ug/l	47
77) Bromobenzene	12.983	156	4835	1.090	ug/l	91
78) n-propylbenzene	13.042	91	20786	0.910	ug/l	100
79) 2-Chlorotoluene	13.130	91	14759	1.014	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	14557	0.881	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	2531	1.219	ug/l #	81
82) 4-Chlorotoluene	13.224	91	13685	0.988	ug/l	95
83) tert-Butylbenzene	13.436	119	13310	0.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	14549	0.882	ug/l	98
85) sec-Butylbenzene	13.624	105	17312	0.877	ug/l	100
86) p-Isopropyltoluene	13.736	119	13982	0.882	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	9721	1.160	ug/l	94
88) 1,4-Dichlorobenzene	13.736	146	9721	1.166	ug/l	95
89) n-Butylbenzene	14.059	91	13304	0.957	ug/l	92
90) Hexachloroethane	14.330	117	3688	1.144	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	9540	1.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.730	75	1521	1.145	ug/l	88
93) 1,2,4-Trichlorobenzene	15.401	180	3680	0.974	ug/l	97
94) Hexachlorobutadiene	15.506	225	2321	1.116	ug/l	94
95) Naphthalene	15.648	128	9335	2.524	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.842	180	3958	1.044	ug/l	96

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ClientSampleId :
VSTDICC001

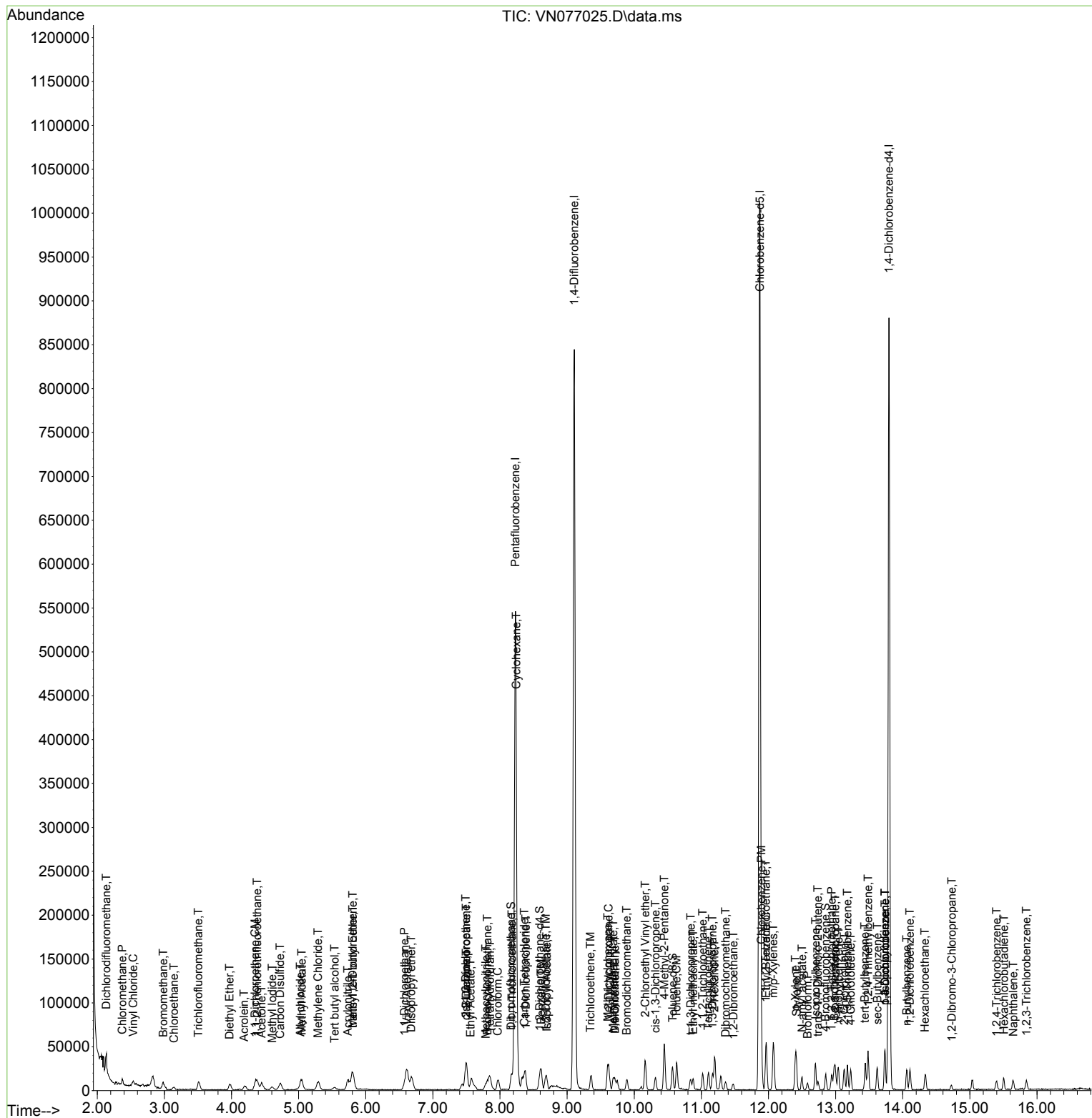
Quant Time: Mar 18 01:36:18 2023
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QLast Update : Sat Mar 18 01:17:29 2023
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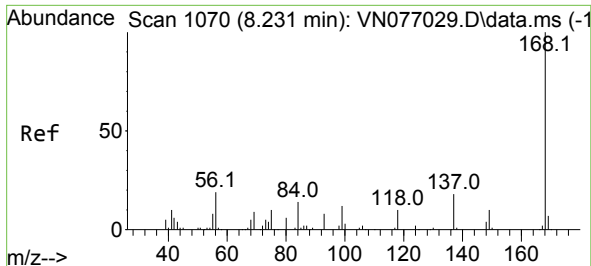
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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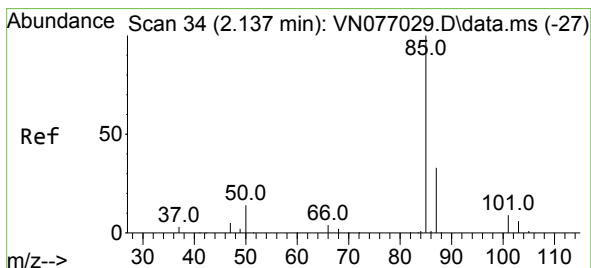
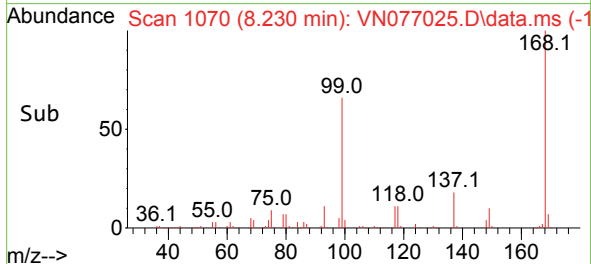
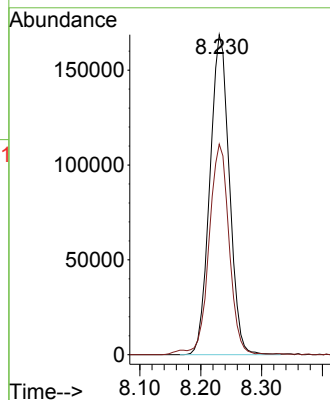
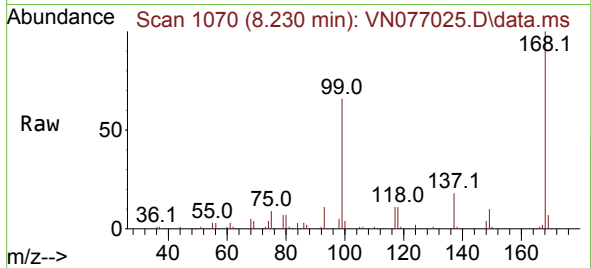




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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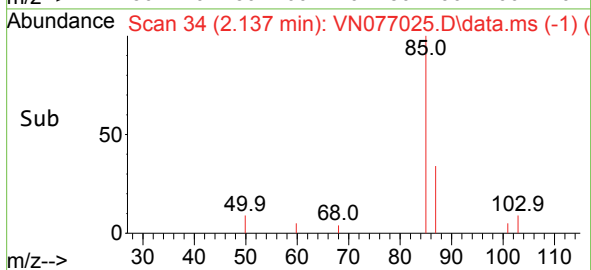
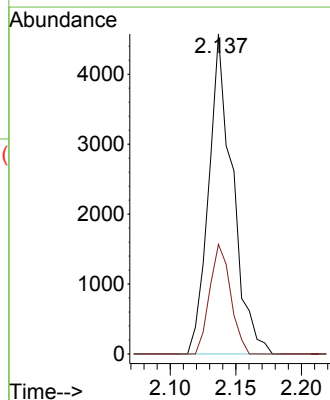
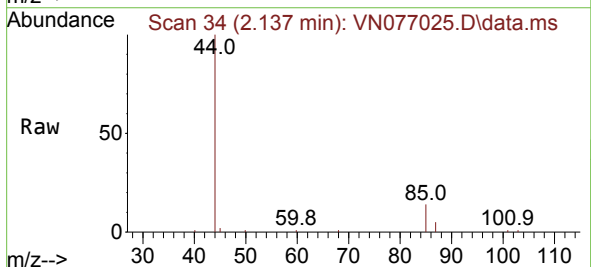
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

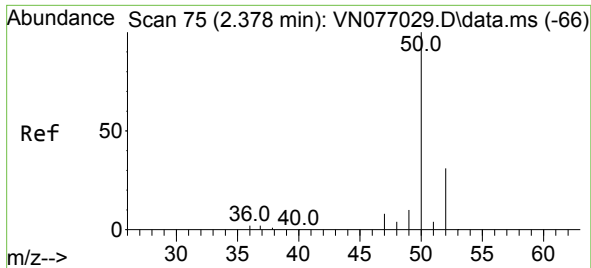
Tgt Ion:168 Resp: 374617
Ion Ratio Lower Upper
168 100
99 65.5 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 0.463 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 85 Resp: 5795
Ion Ratio Lower Upper
85 100
87 34.2 16.4 49.2

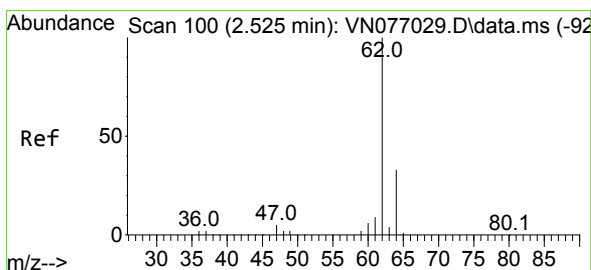
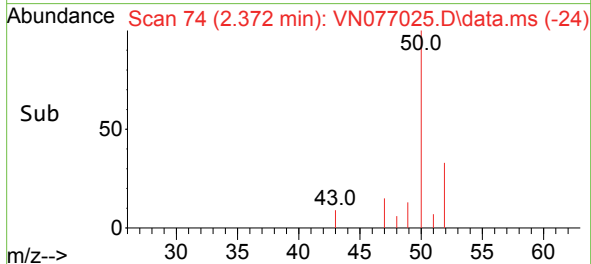
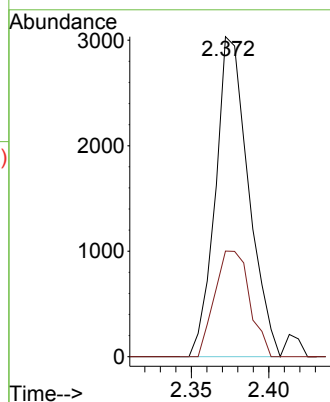
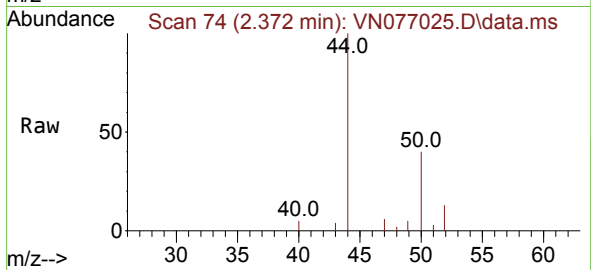




#3
Chloromethane
Concen: 1.192 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

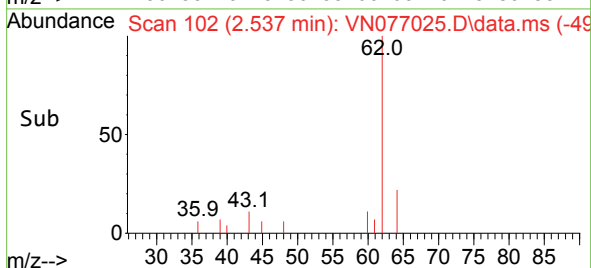
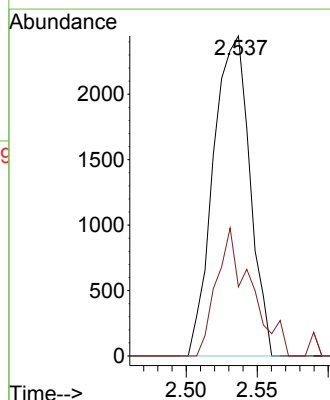
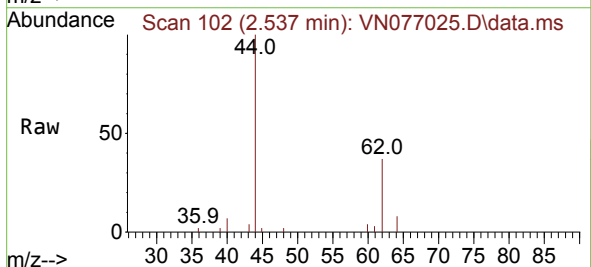
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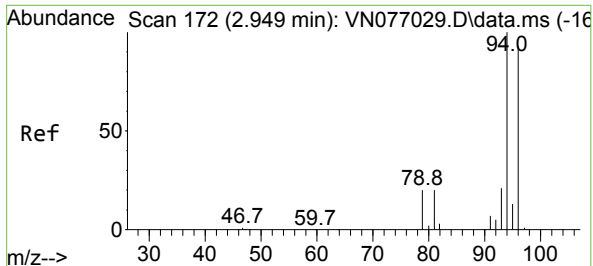
Tgt Ion: 50 Resp: 4500
Ion Ratio Lower Upper
50 100
52 33.0 25.1 37.7



#4
Vinyl Chloride
Concen: 1.075 ug/l
RT: 2.537 min Scan# 102
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 62 Resp: 4378
Ion Ratio Lower Upper
62 100
64 21.6 26.6 40.0#

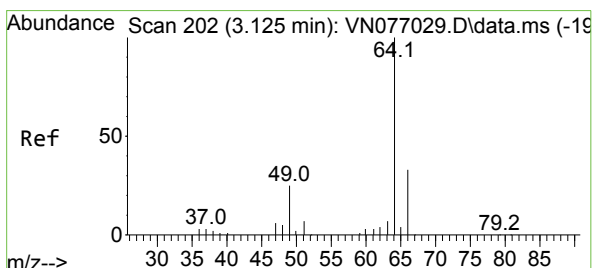
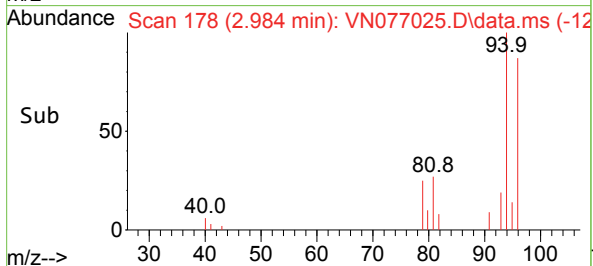
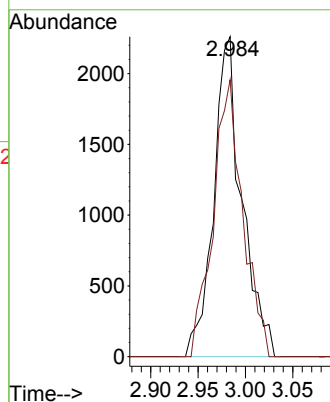
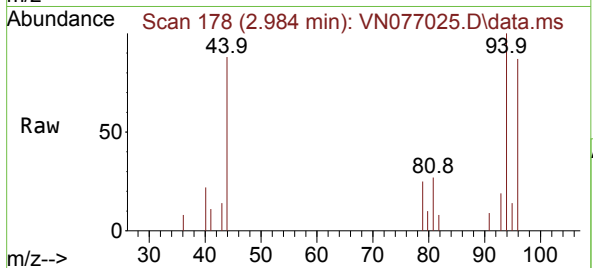




#5
Bromomethane
Concen: 1.698 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

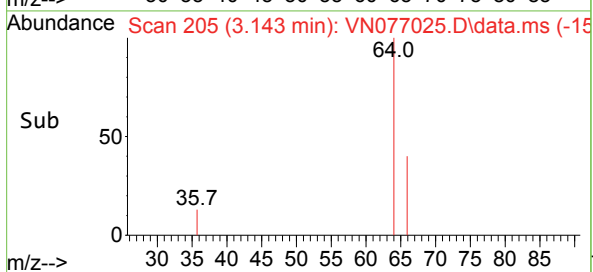
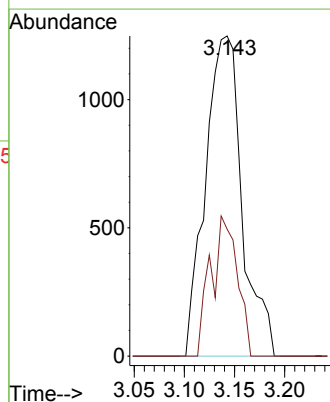
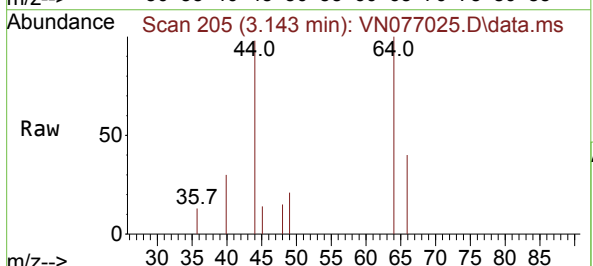
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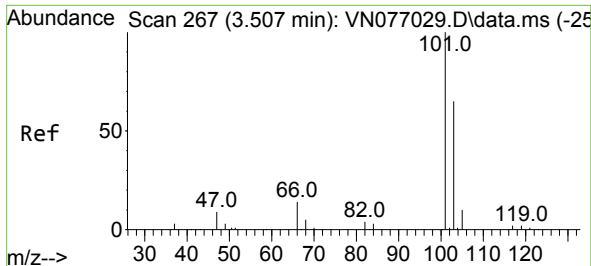
Tgt Ion: 94 Resp: 4673
Ion Ratio Lower Upper
94 100
96 86.6 74.1 111.1



#6
Chloroethane
Concen: 1.227 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.018 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 64 Resp: 3163
Ion Ratio Lower Upper
64 100
66 39.7 26.3 39.5#

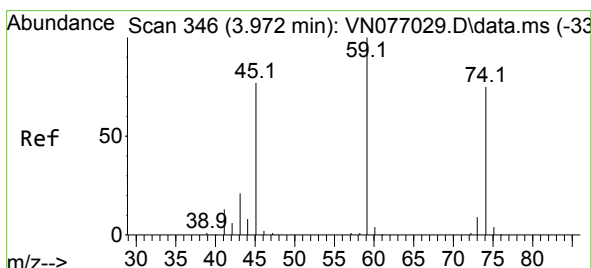
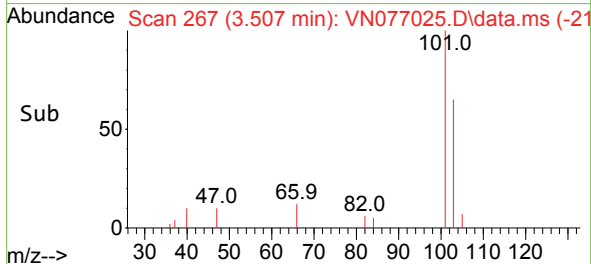
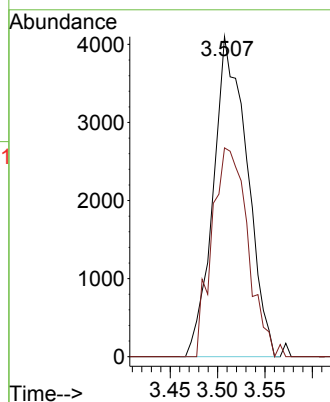
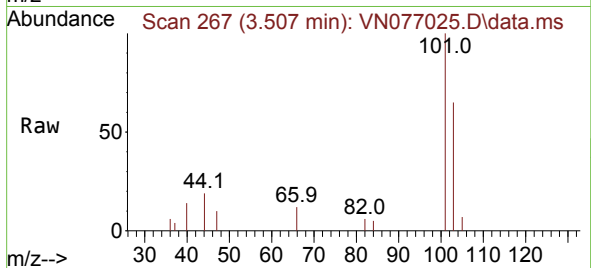




#7
 Trichlorofluoromethane
 Concen: 1.161 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

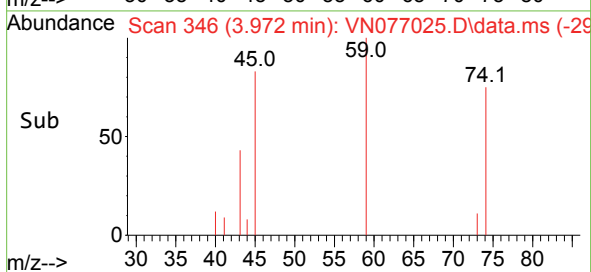
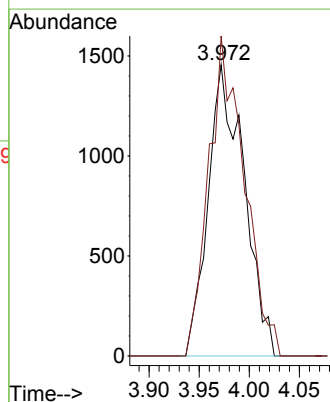
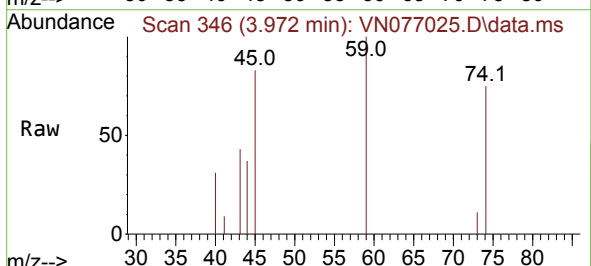
Instrument :
 MSVOA_N
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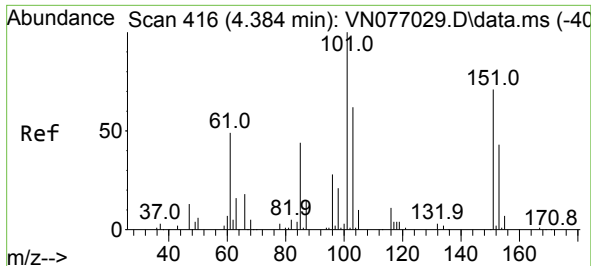
Tgt Ion:101 Resp: 10177
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6



#8
 Diethyl Ether
 Concen: 1.104 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 74 Resp: 3641
 Ion Ratio Lower Upper
 74 100
 45 108.9 50.8 152.5

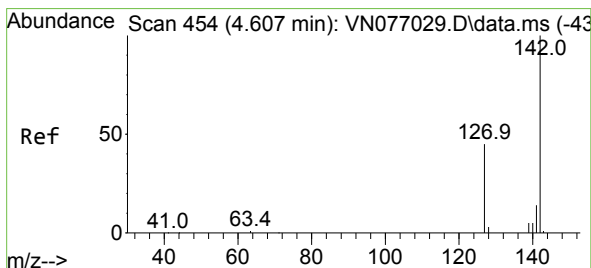
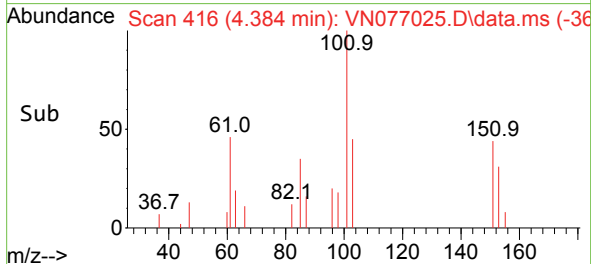
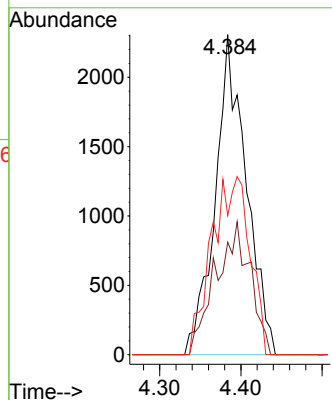
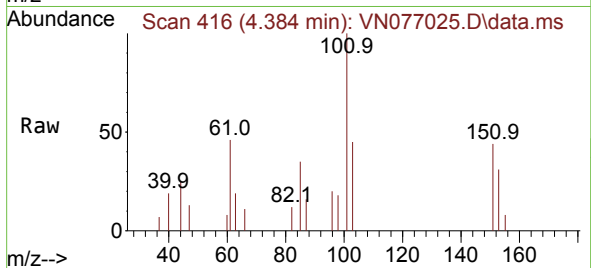




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.233 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

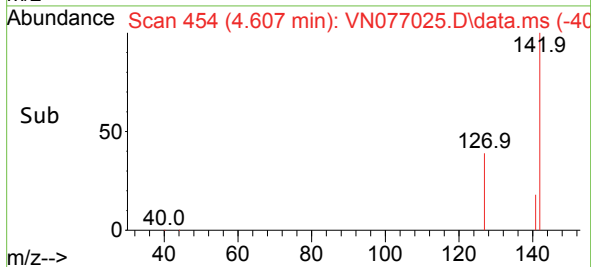
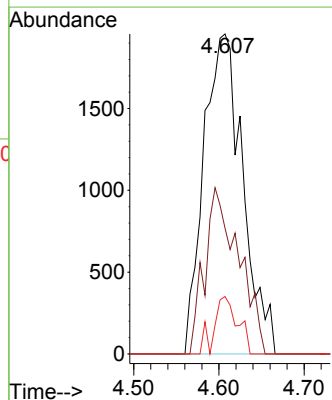
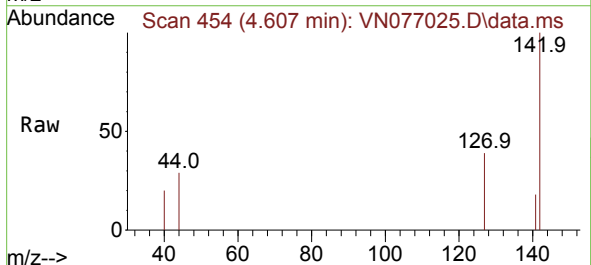
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

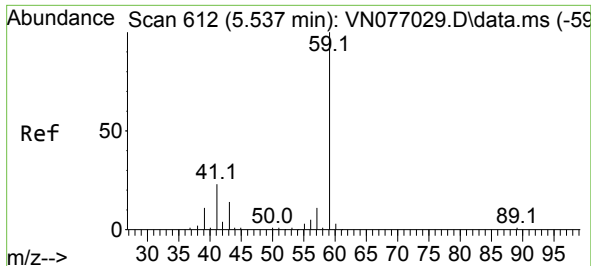
Tgt Ion:101 Resp: 6132
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 68.6 56.9 85.3



#10
Methyl Iodide
Concen: 1.111 ug/l
RT: 4.607 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:142 Resp: 6224
Ion Ratio Lower Upper
142 100
127 39.4 36.1 54.1
141 17.9 10.8 16.2#

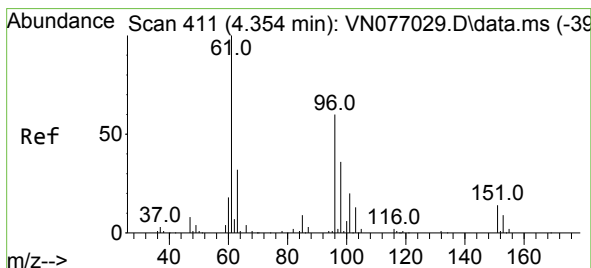
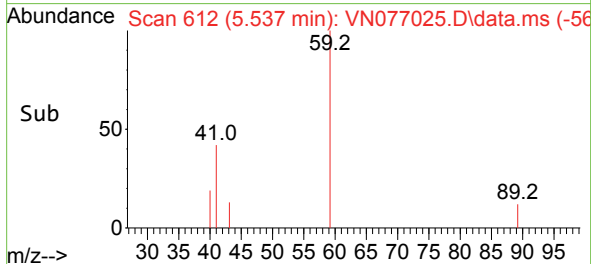
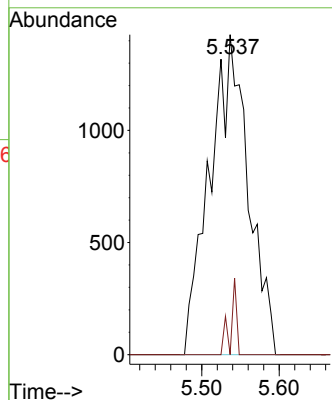
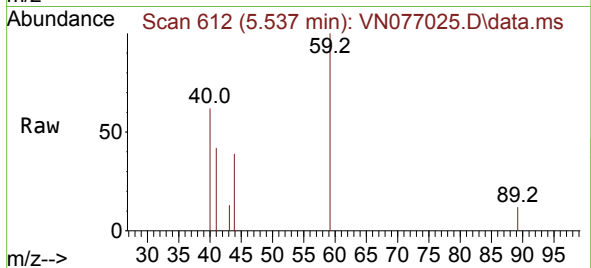




#11
Tert butyl alcohol
Concen: 5.691 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

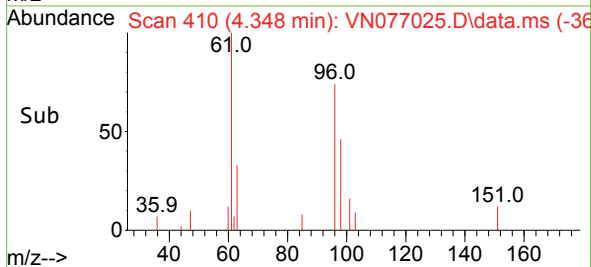
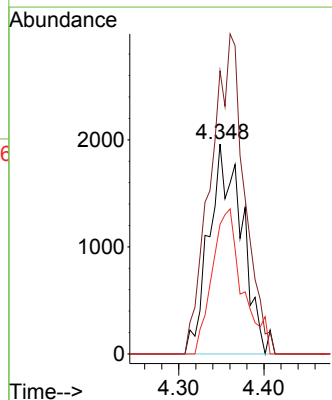
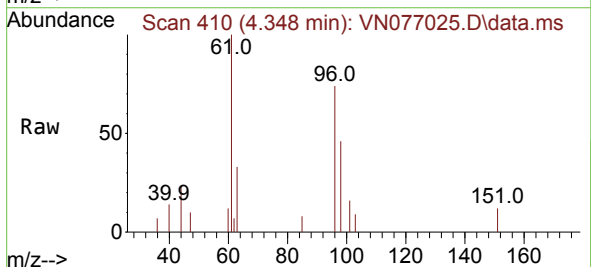
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

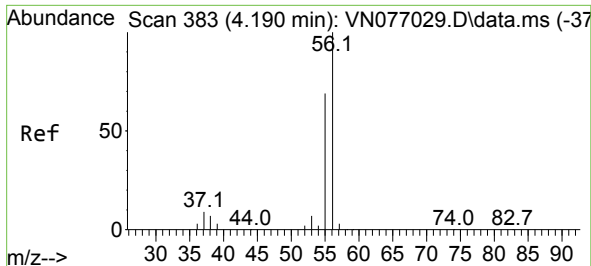
Tgt Ion: 59 Resp: 4962
Ion Ratio Lower Upper
59 100
57 3.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 96 Resp: 5307
Ion Ratio Lower Upper
96 100
61 134.8 133.8 200.8
98 61.8 48.6 72.8

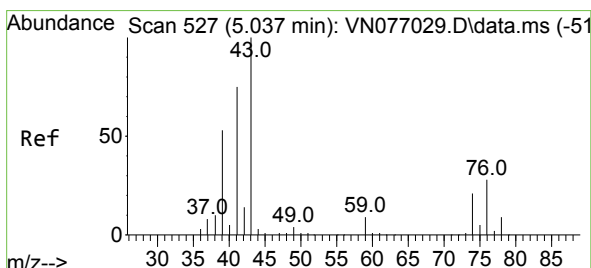
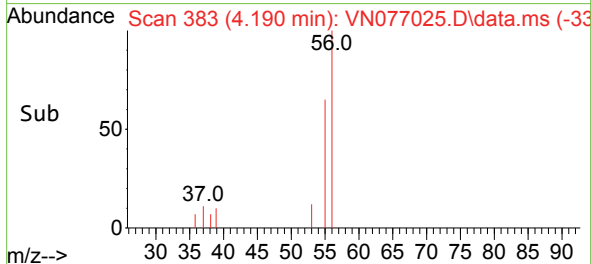
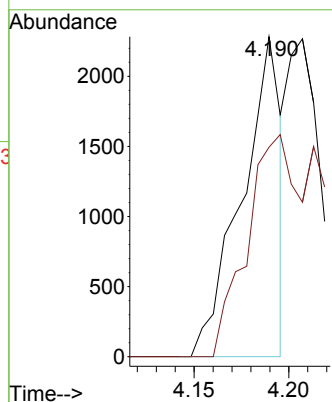
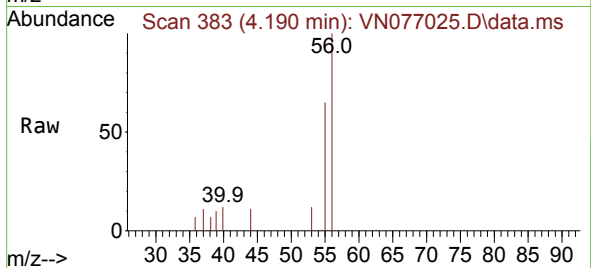




#13
Acrolein
Concen: 3.040 ug/l
RT: 4.190 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

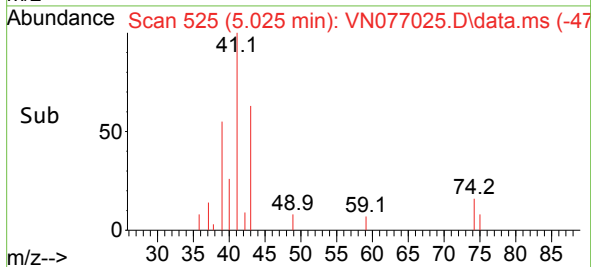
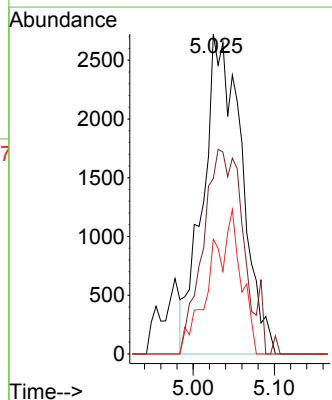
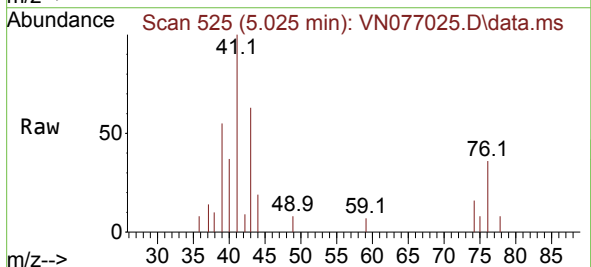
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

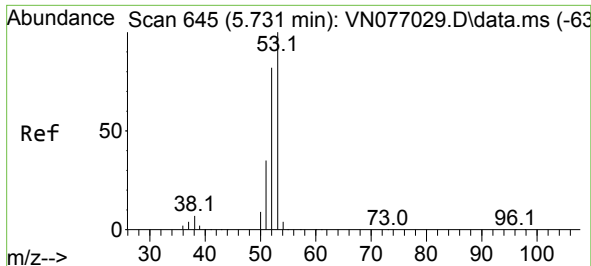
Tgt Ion: 56 Resp: 3279
Ion Ratio Lower Upper
56 100
55 90.7 57.0 85.6#



#14
Allyl chloride
Concen: 1.061 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 41 Resp: 9014
Ion Ratio Lower Upper
41 100
39 66.9 53.8 80.8
76 0.0 26.7 40.1#

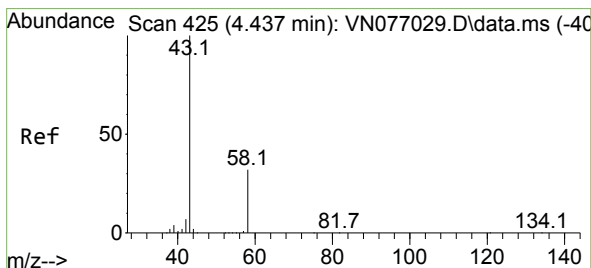
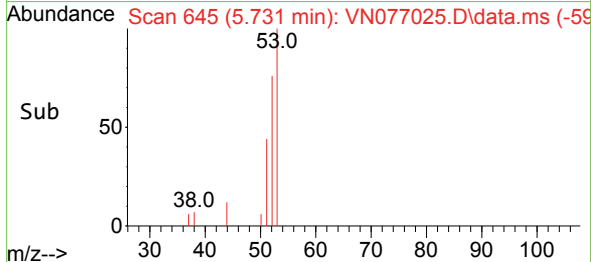
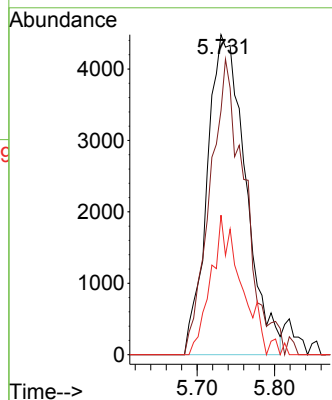
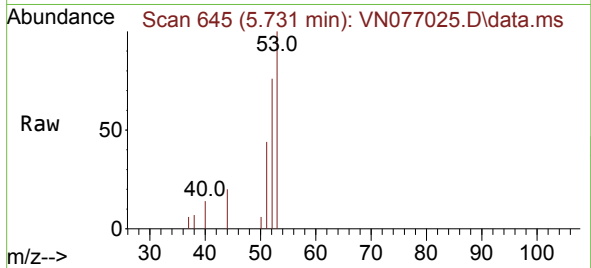




#15
Acrylonitrile
Concen: 5.244 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

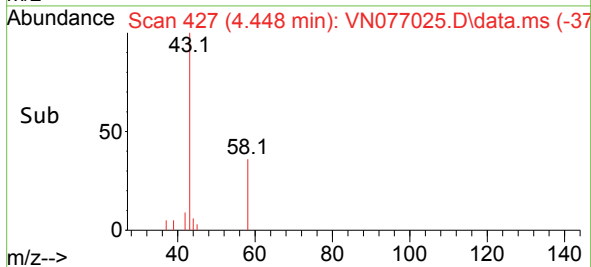
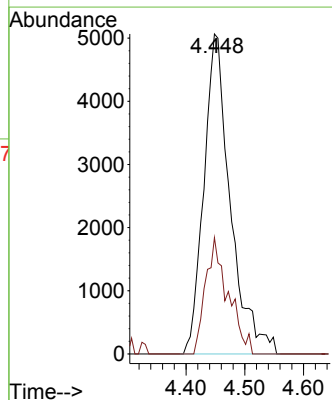
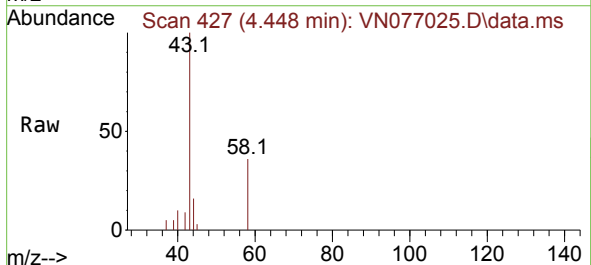
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

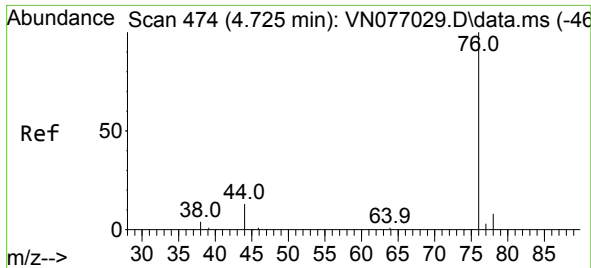
Tgt Ion:	53	Resp:	15373
Ion	Ratio	Lower	Upper
53	100		
52	84.9	64.6	97.0
51	34.0	28.3	42.5



#16
Acetone
Concen: 5.938 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:	43	Resp:	15833
Ion	Ratio	Lower	Upper
43	100		
58	36.3	25.4	38.0

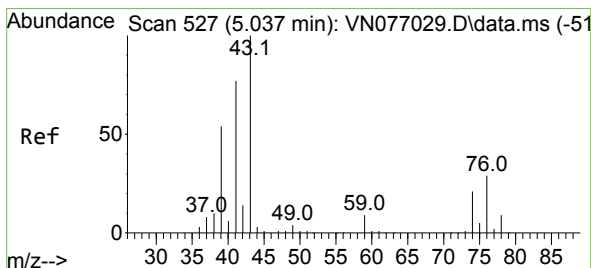
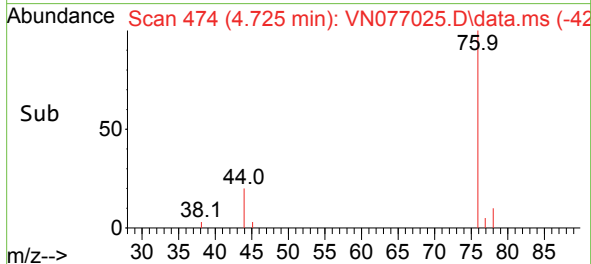
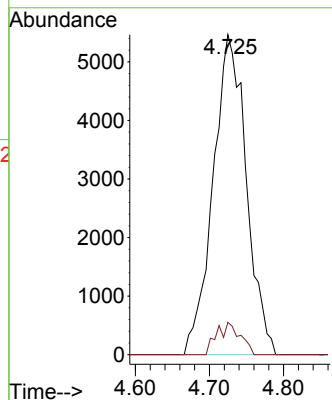
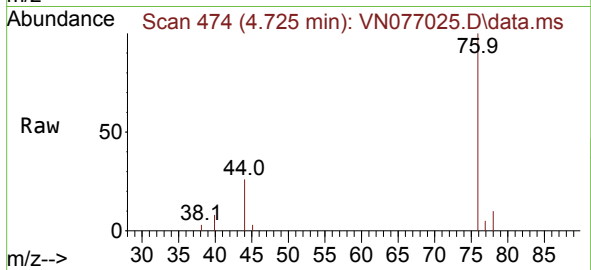




#17
Carbon Disulfide
Concen: 1.283 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

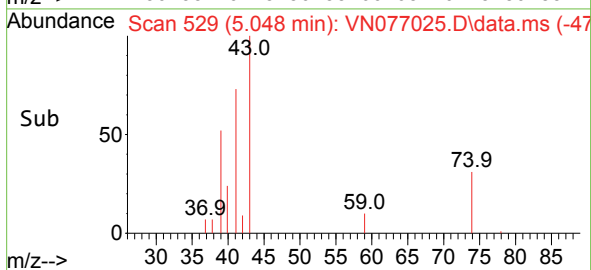
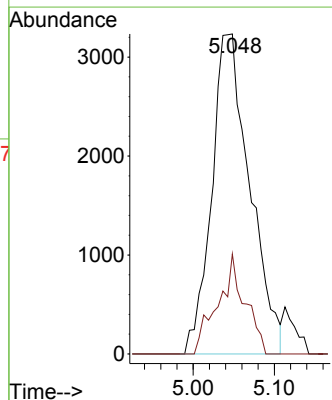
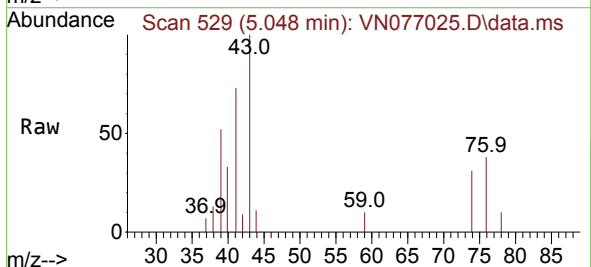
Instrument :
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ClientSampleId :
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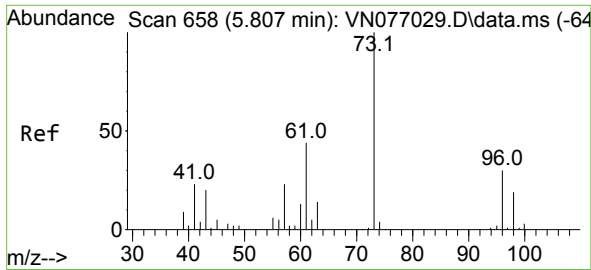
Tgt Ion: 76 Resp: 17019
Ion Ratio Lower Upper
76 100
78 10.1 6.6 10.0#



#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 43 Resp: 10557
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5

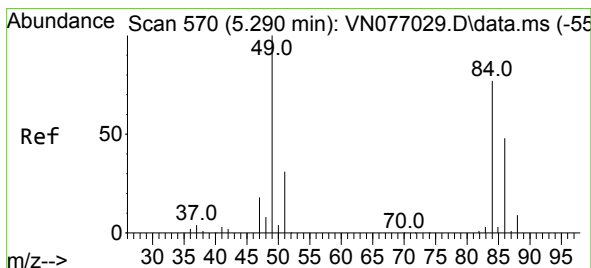
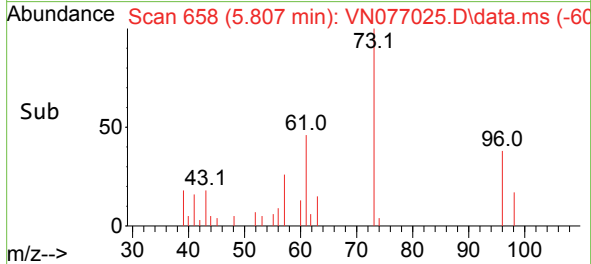
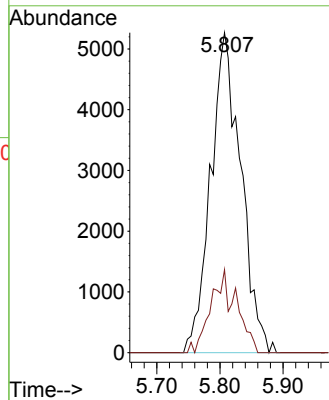
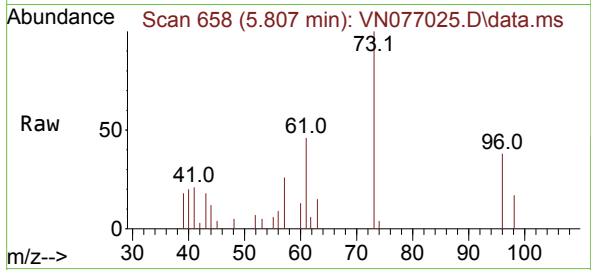




#19
Methyl tert-butyl Ether
Concen: 1.071 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

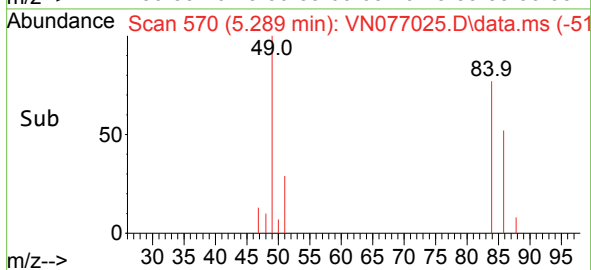
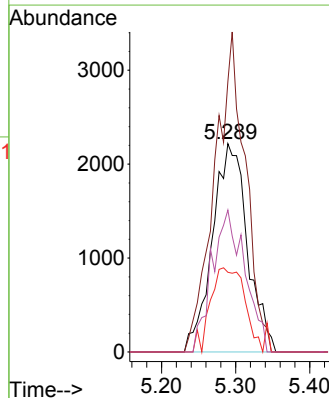
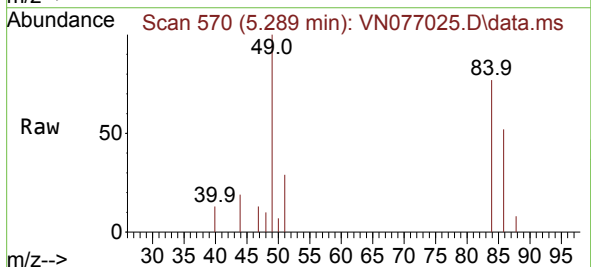
Instrument :
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ClientSampleId :
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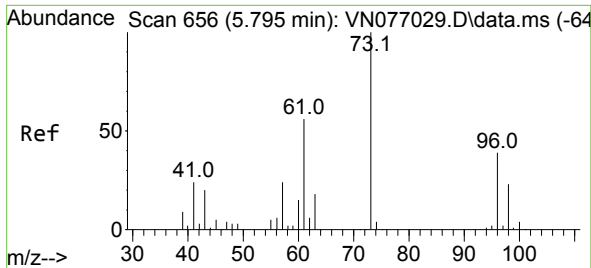
Tgt Ion: 73 Resp: 17477
Ion Ratio Lower Upper
73 100
57 25.9 18.7 28.1



#20
Methylene Chloride
Concen: 1.259 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 84 Resp: 7283
Ion Ratio Lower Upper
84 100
49 129.8 103.8 155.6
51 38.3 32.3 48.5
86 68.1 49.9 74.9

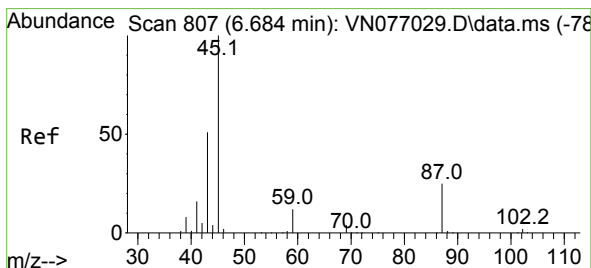
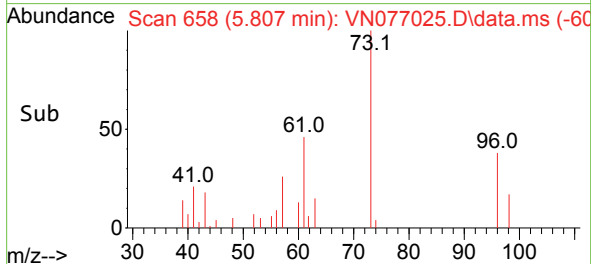
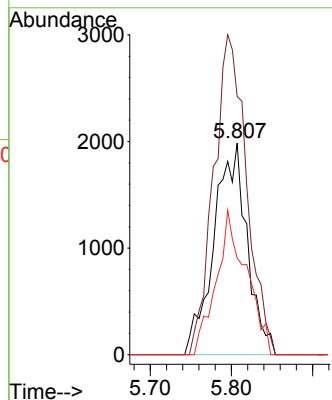
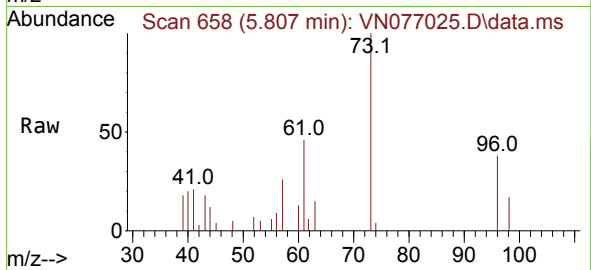




#21
trans-1,2-Dichloroethene
Concen: 1.142 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

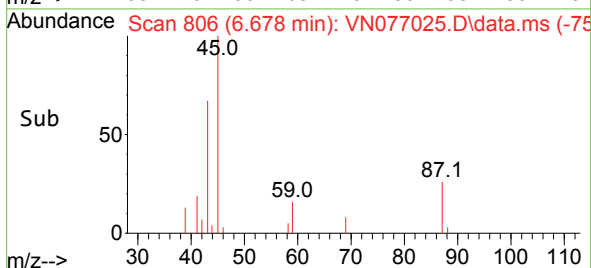
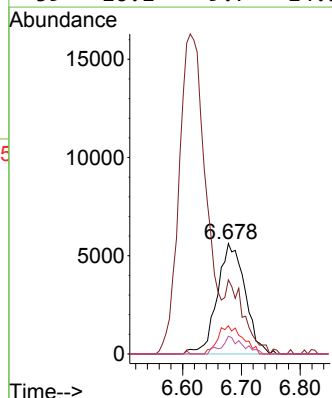
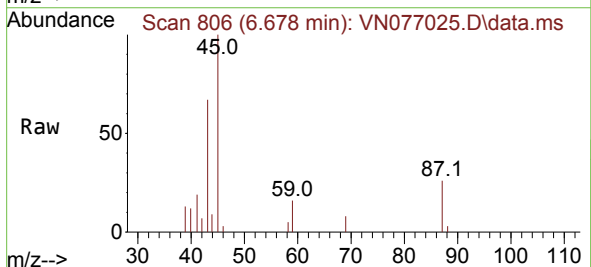
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ClientSampleId :
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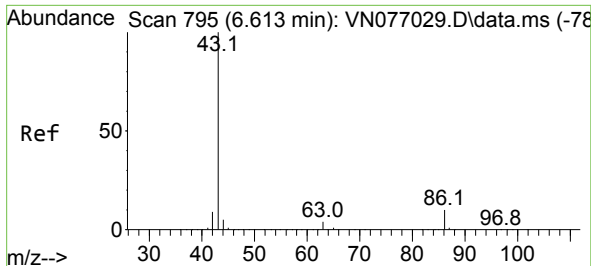
Tgt Ion: 96 Resp: 5629
Ion Ratio Lower Upper
96 100
61 122.1 115.8 173.6
98 45.6 48.2 72.2#



#22
Diisopropyl ether
Concen: 1.013 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 45 Resp: 18479
Ion Ratio Lower Upper
45 100
43 67.2 41.5 62.3#
87 25.6 20.6 30.8
59 16.1 9.7 14.5#

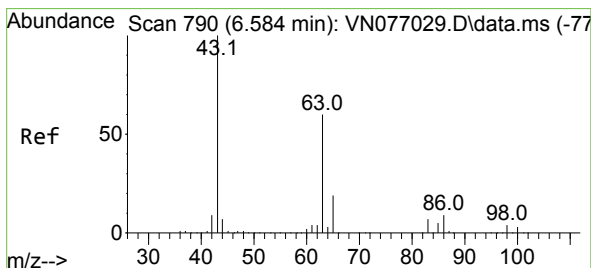
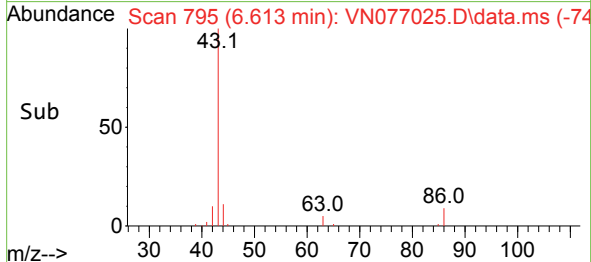
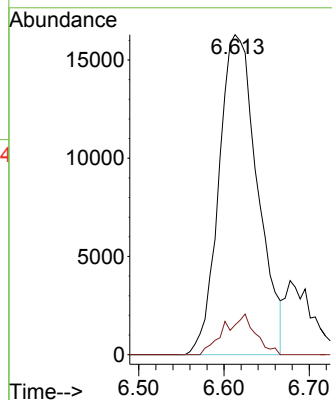
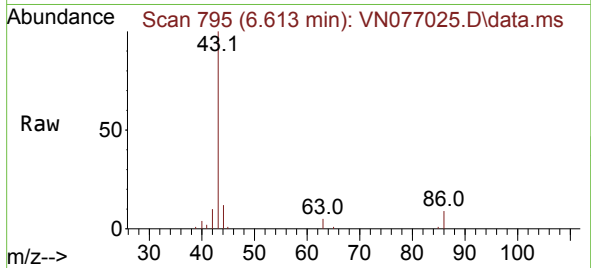




#23
 Vinyl Acetate
 Concen: 4.575 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

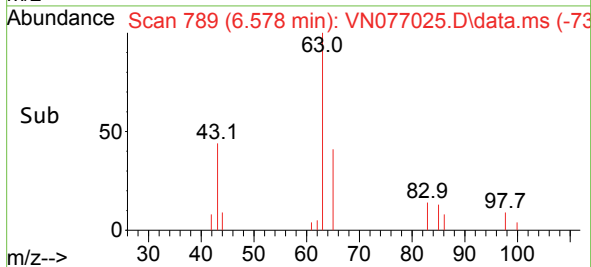
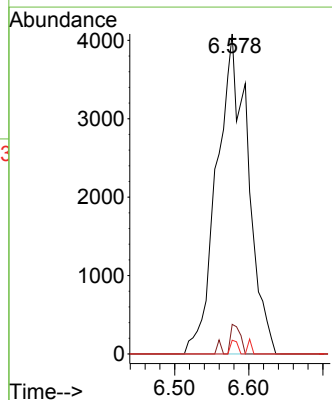
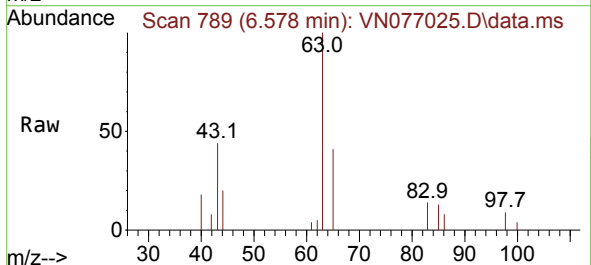
Instrument :
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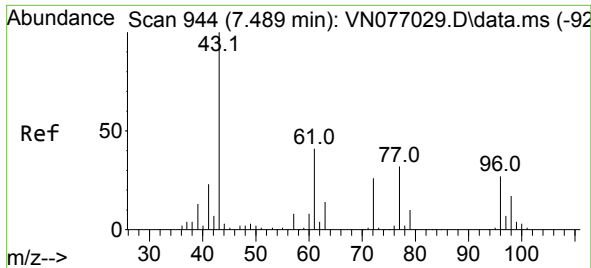
Tgt Ion: 43 Resp: 51339
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 1.147 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 63 Resp: 11978
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.1 9.4
 100 4.3 2.1 6.3

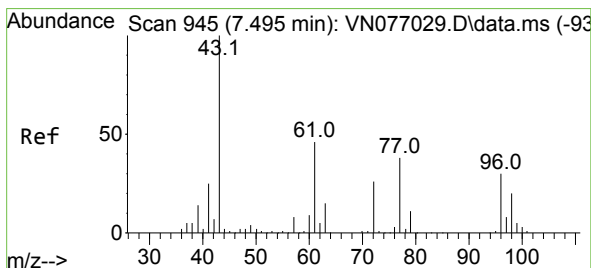
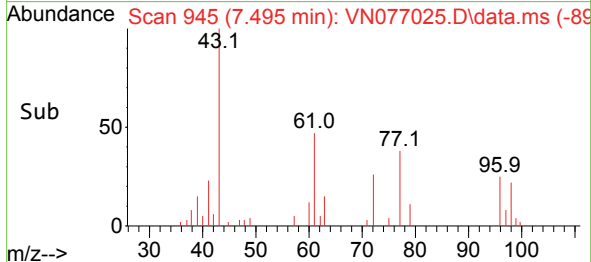
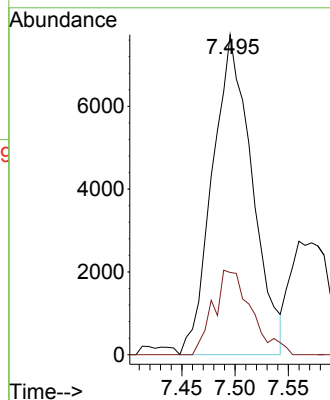
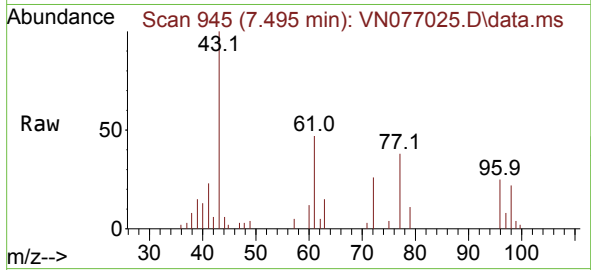




#25
2-Butanone
Concen: 5.121 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

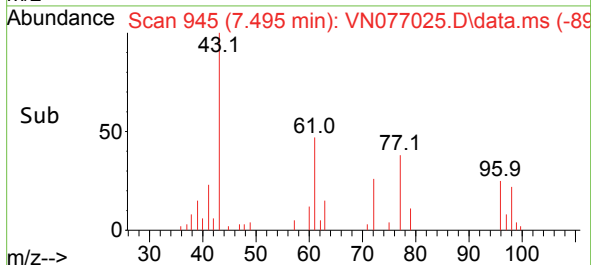
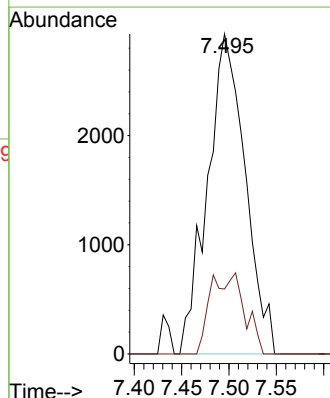
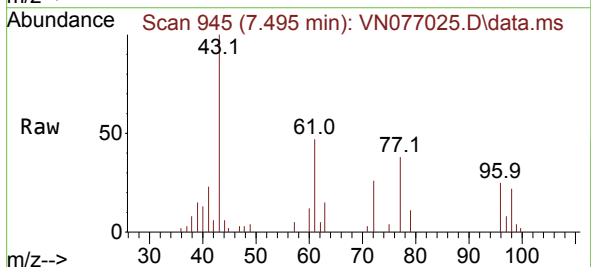
Instrument :
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ClientSampleId :
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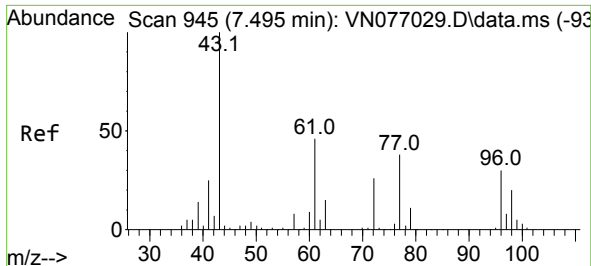
Tgt Ion: 43 Resp: 19974
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1



#26
2,2-Dichloropropane
Concen: 1.034 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 77 Resp: 8122
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 1.003 ug/l

RT: 7.489 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

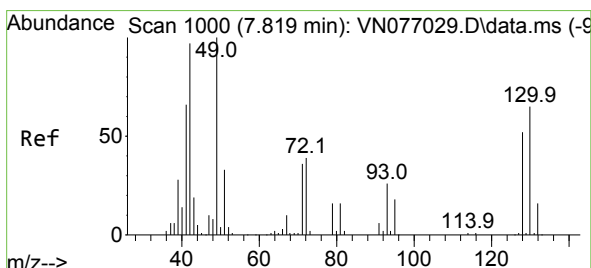
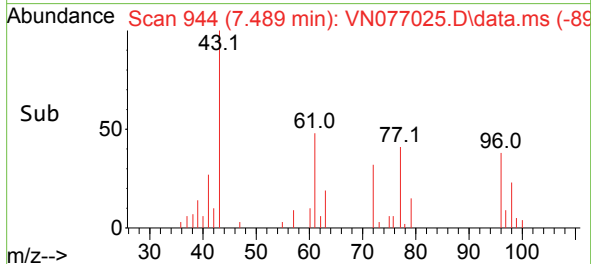
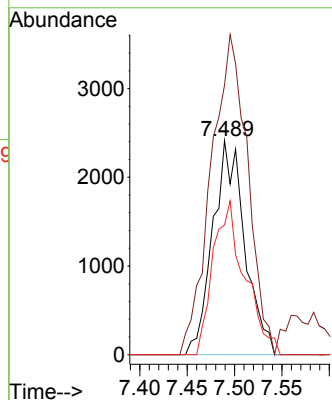
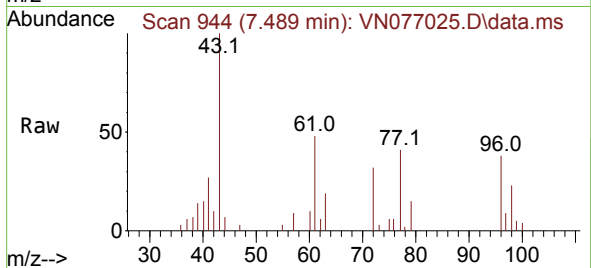
Tgt Ion: 96 Resp: 5662

Ion Ratio Lower Upper

96 100

61 171.1 0.0 315.4

98 71.4 0.0 128.6



#28

Bromochloromethane

Concen: 1.229 ug/l

RT: 7.813 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

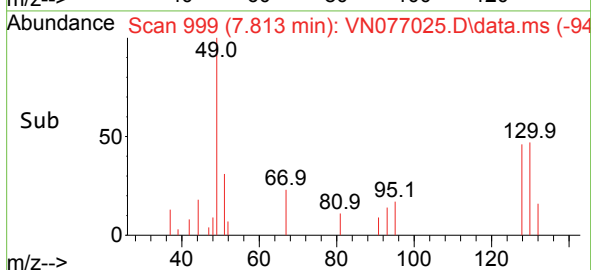
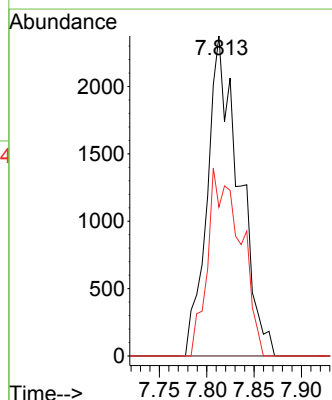
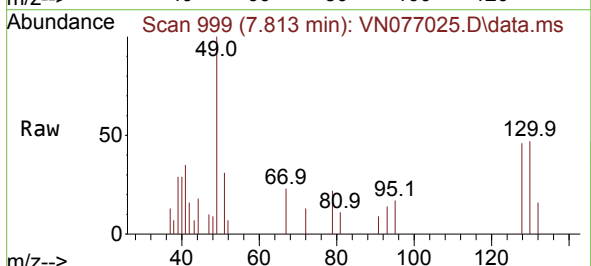
Tgt Ion: 49 Resp: 5570

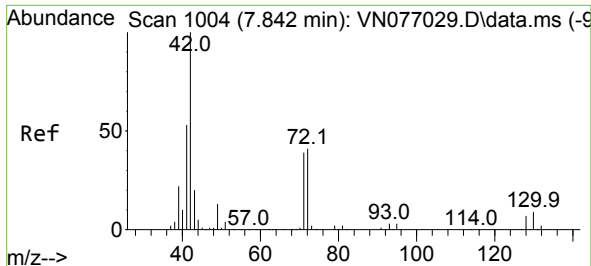
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

130 60.0 51.9 77.9

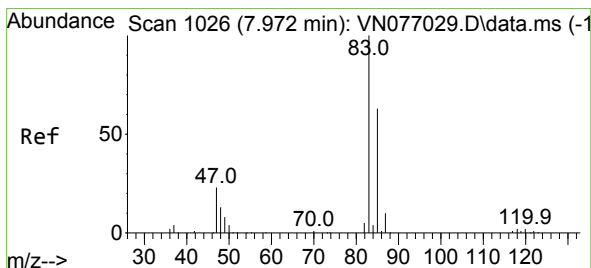
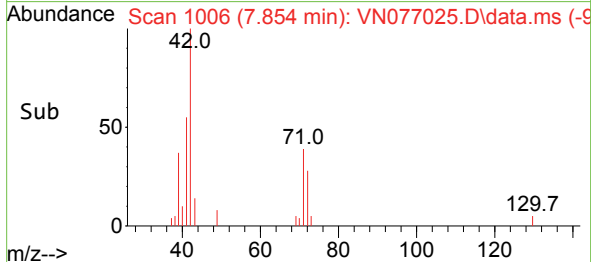
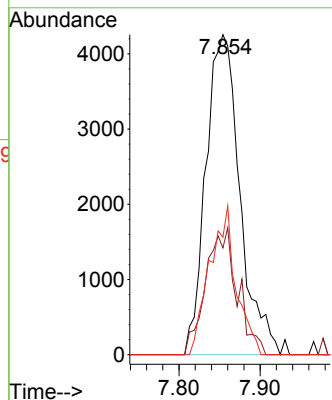
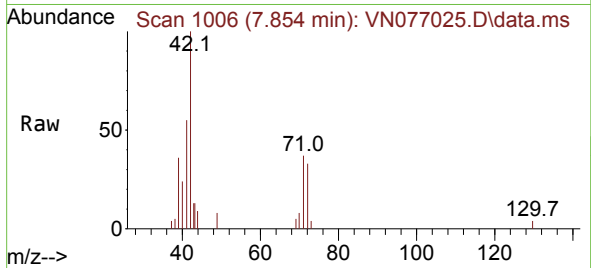




#29
Tetrahydrofuran
Concen: 4.907 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

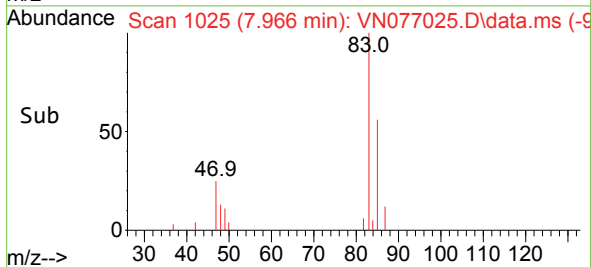
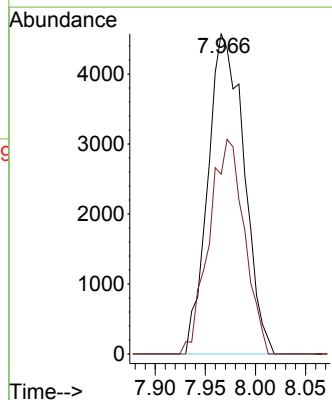
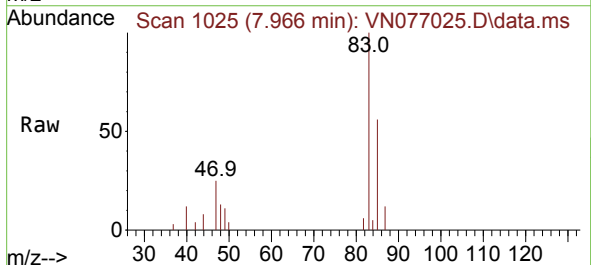
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

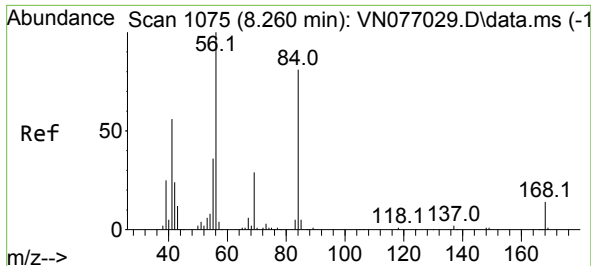
Tgt Ion: 42 Resp: 12403
Ion Ratio Lower Upper
42 100
72 36.6 33.2 49.8
71 36.1 31.0 46.4



#30
Chloroform
Concen: 1.127 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 83 Resp: 11416
Ion Ratio Lower Upper
83 100
85 56.2 50.6 75.8

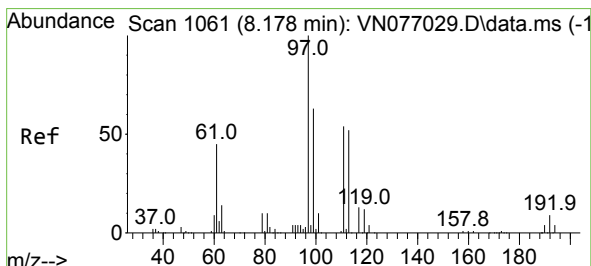
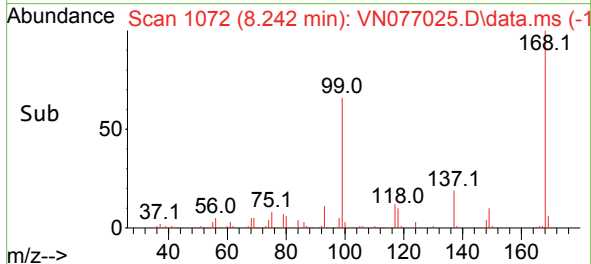
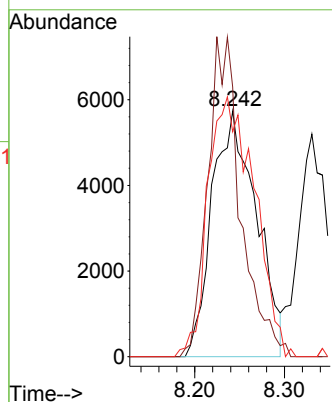
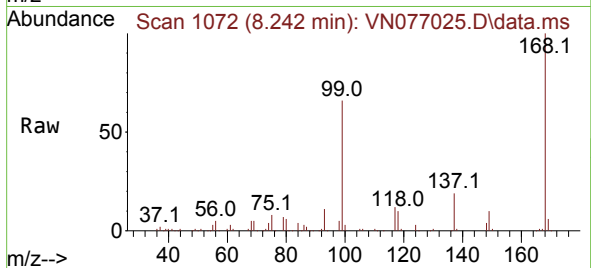




#31
Cyclohexane
Concen: 2.003 ug/l
RT: 8.242 min Scan# 1072
Delta R.T. -0.018 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

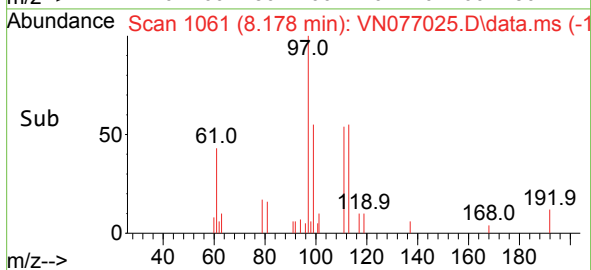
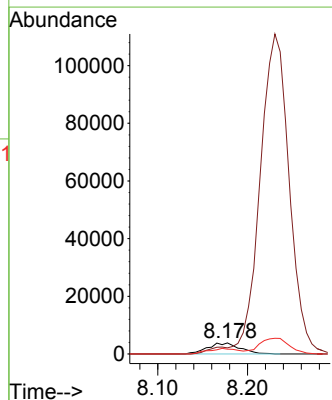
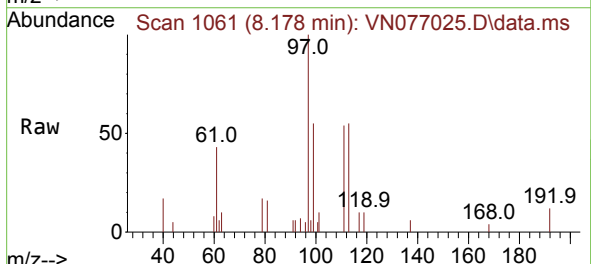
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

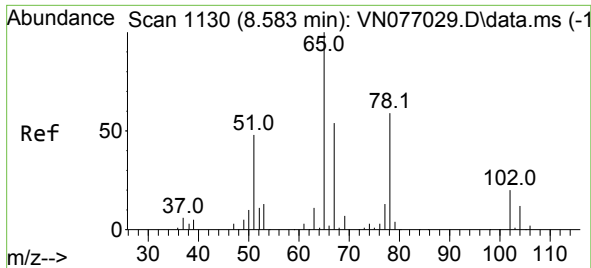
Tgt Ion: 56 Resp: 19609
Ion Ratio Lower Upper
56 100
69 109.8 22.8 34.2#
84 88.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 1.098 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 97 Resp: 9511
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 45.7 39.0 58.6

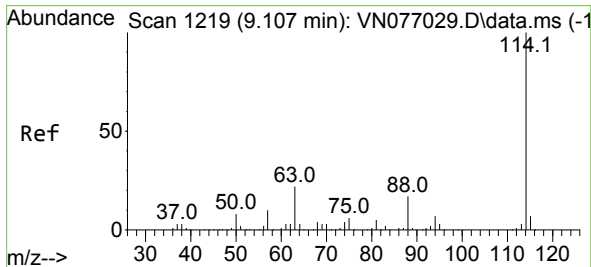
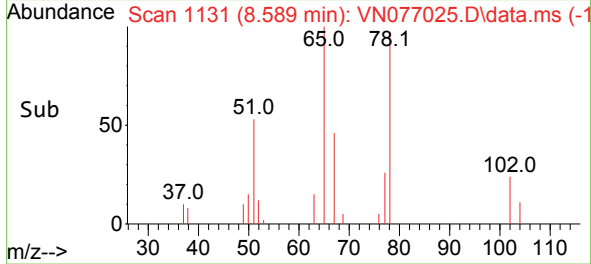
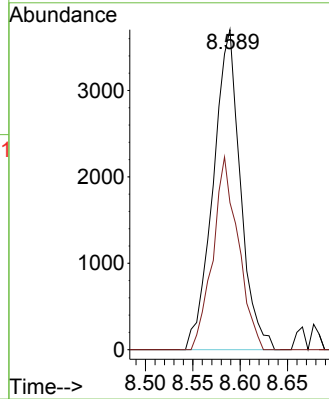
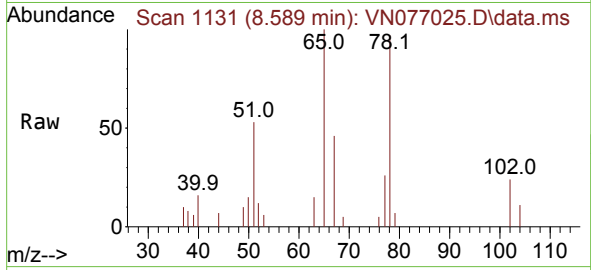




#33
 1,2-Dichloroethane-d4
 Concen: 1.242 ug/l
 RT: 8.589 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

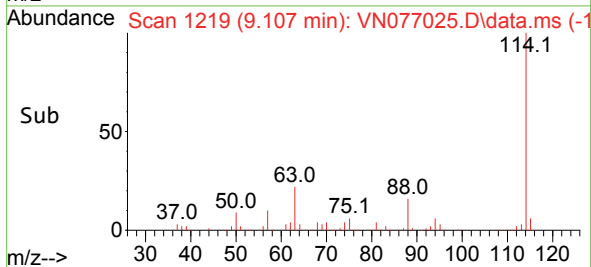
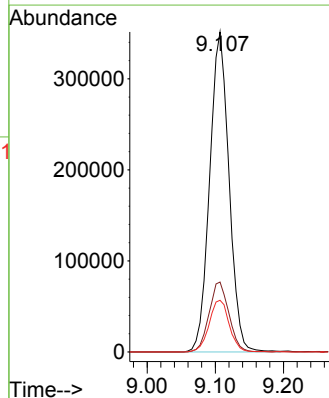
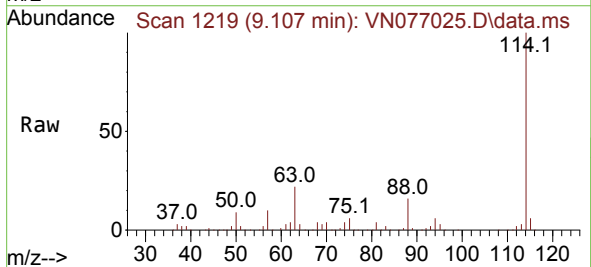
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

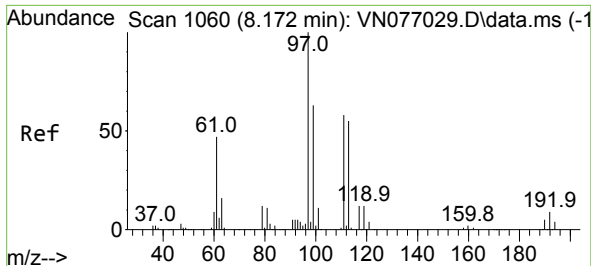
Tgt Ion: 65 Resp: 7429
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 114 Resp: 694412
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.6
 88 16.1 0.0 33.8

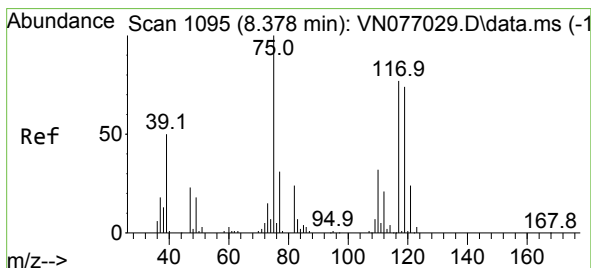
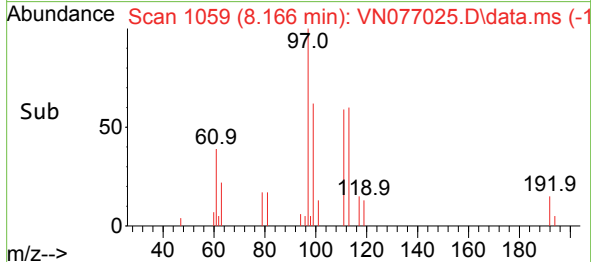
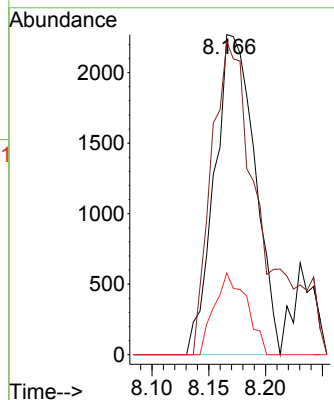
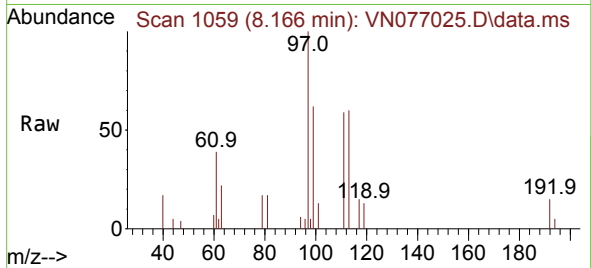




#35
Dibromofluoromethane
Concen: 1.193 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

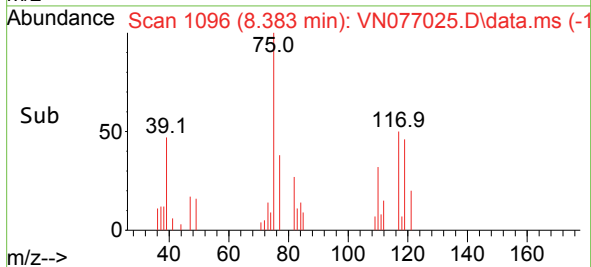
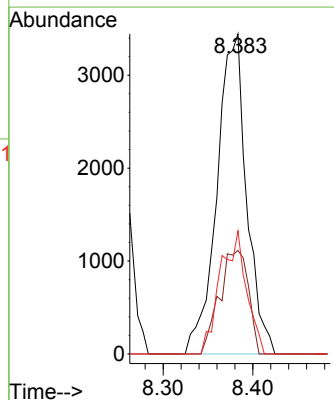
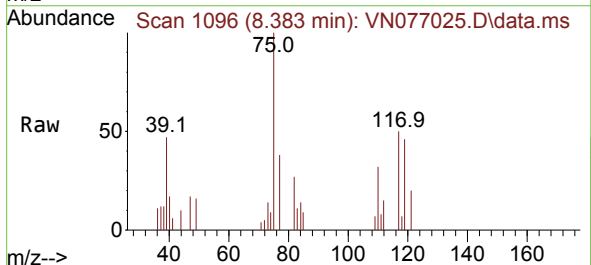
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

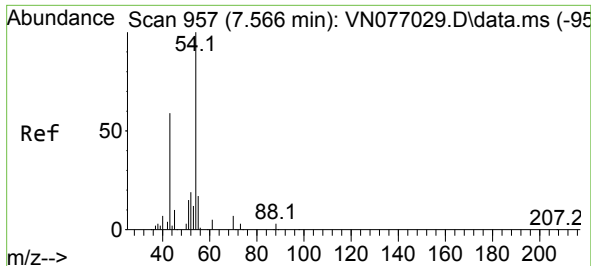
Tgt Ion:113 Resp: 5620
Ion Ratio Lower Upper
113 100
111 121.3 82.2 123.2
192 20.4 13.0 19.6#



#36
1,1-Dichloropropene
Concen: 1.042 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 75 Resp: 7912
Ion Ratio Lower Upper
75 100
110 31.5 15.9 47.7
77 34.0 24.3 36.5

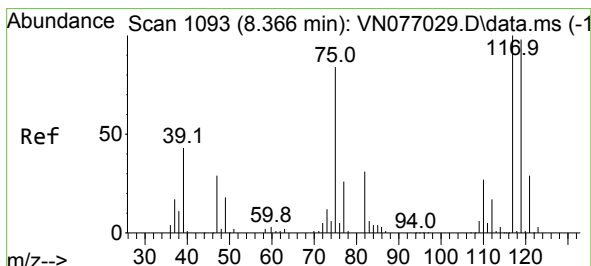
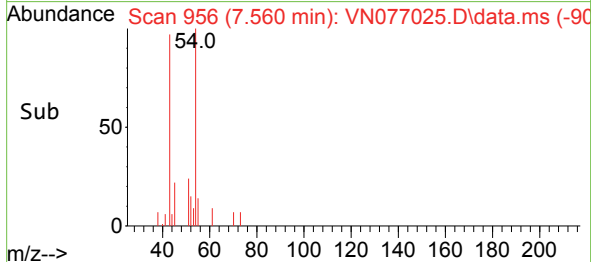
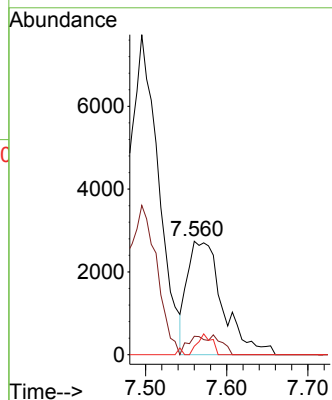
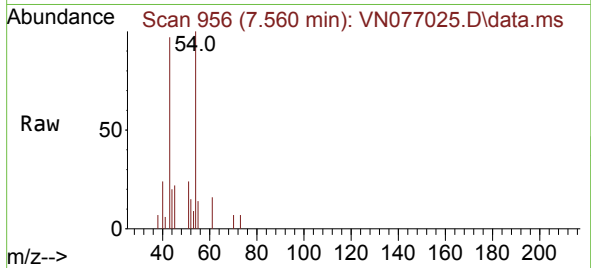




#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

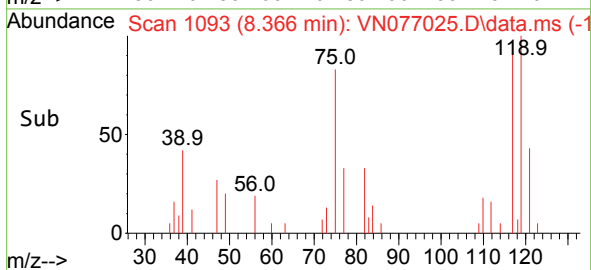
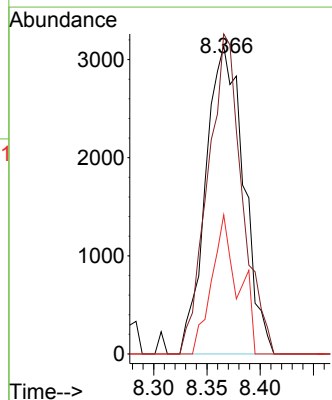
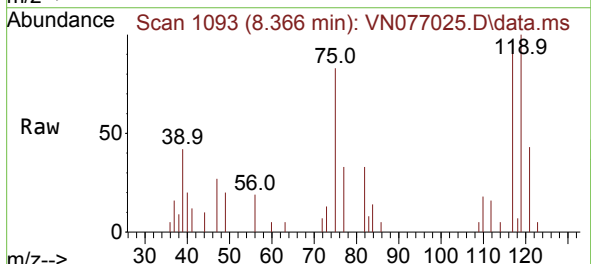
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

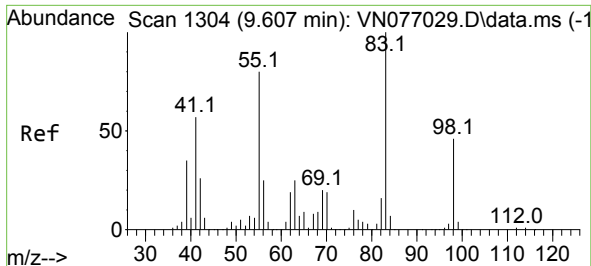
Tgt Ion: 43 Resp: 8326
Ion Ratio Lower Upper
43 100
61 9.1 11.0 16.6#
70 7.4 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.049 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 117 Resp: 7763
Ion Ratio Lower Upper
117 100
119 103.9 78.2 117.2
121 45.2 23.2 34.8#





#39

Methylcyclohexane

Concen: 0.985 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

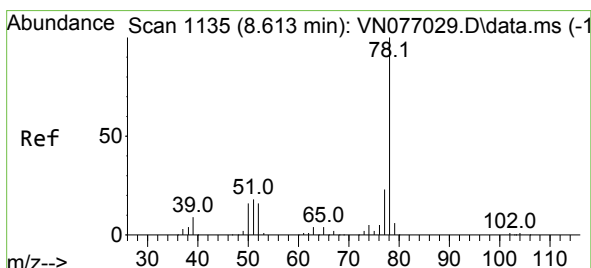
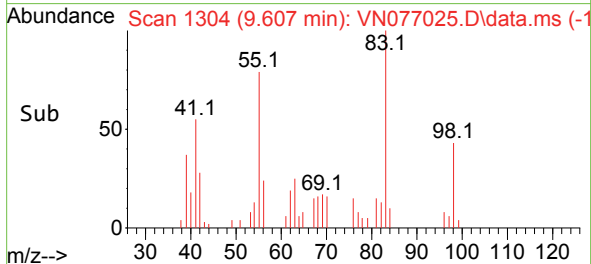
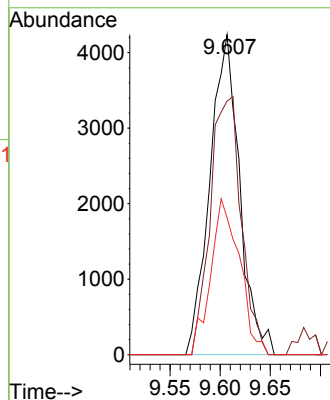
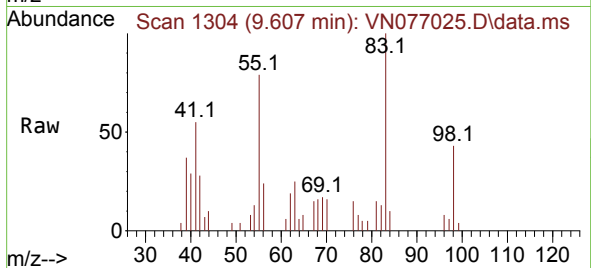
Tgt Ion: 83 Resp: 8756

Ion Ratio Lower Upper

83 100

55 79.2 63.8 95.8

98 42.8 37.1 55.7



#40

Benzene

Concen: 1.065 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077025.D

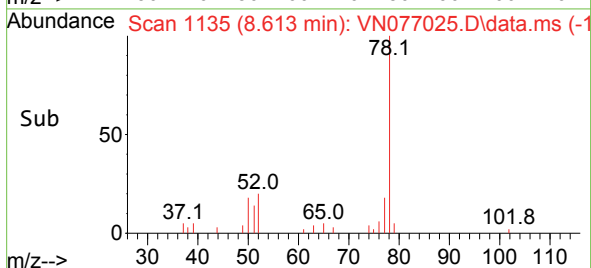
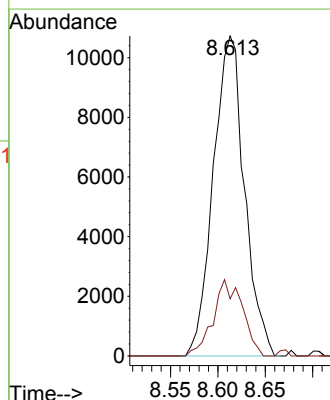
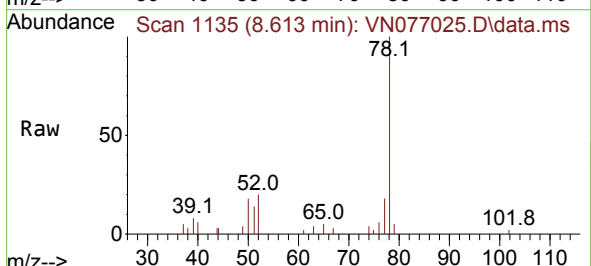
Acq: 17 Mar 2023 09:25

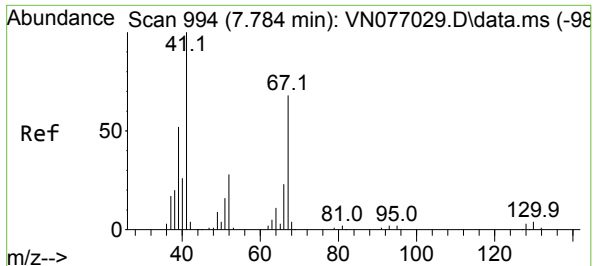
Tgt Ion: 78 Resp: 24532

Ion Ratio Lower Upper

78 100

77 17.9 18.5 27.7#

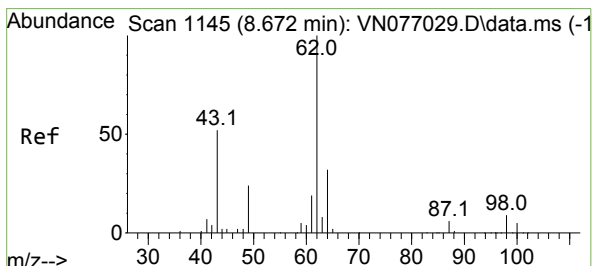
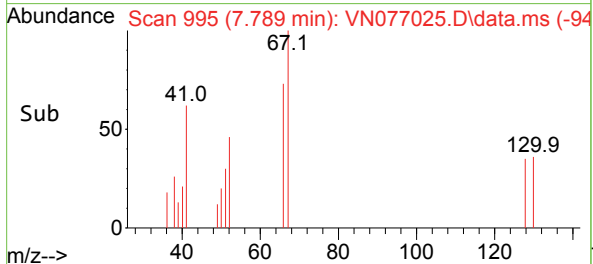
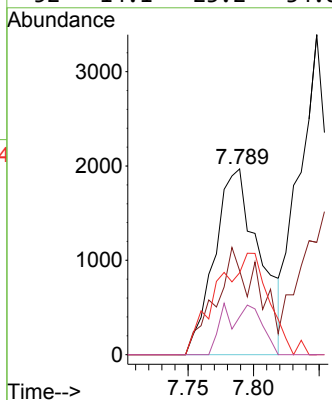
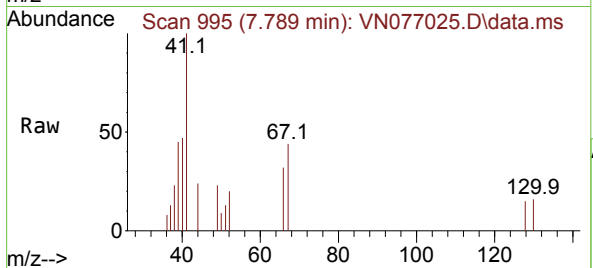




#41
Methacrylonitrile
Concen: 1.114 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

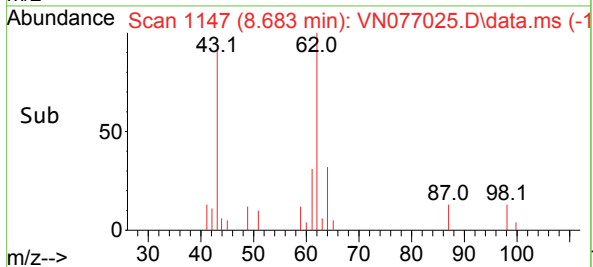
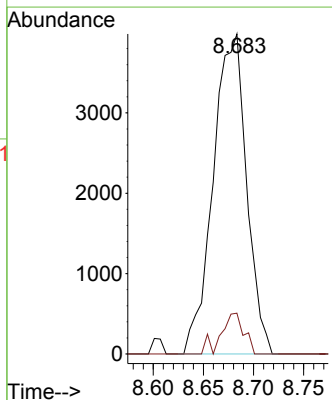
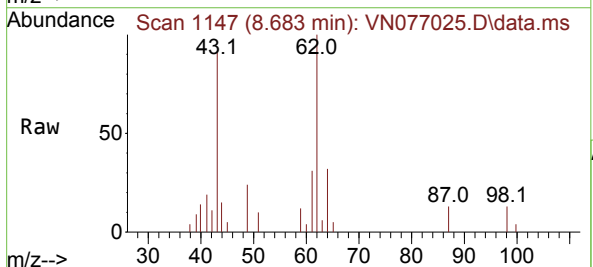
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

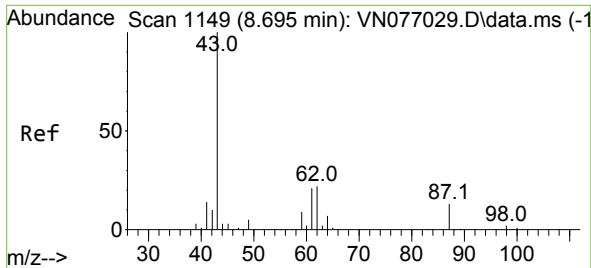
Tgt Ion:	41	Resp:	4709
Ion	Ratio	Lower	Upper
41	100		
39	55.3	41.6	62.4
67	63.8	53.8	80.8
52	14.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 1.109 ug/l
RT: 8.683 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:	62	Resp:	9228
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

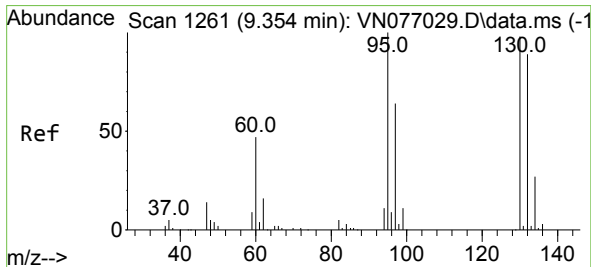
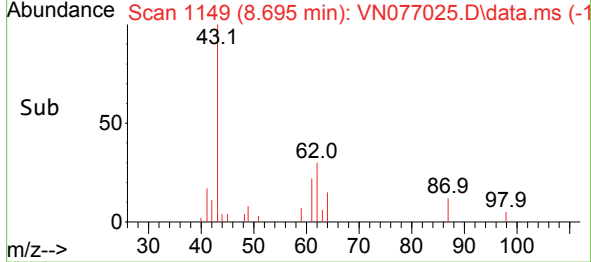
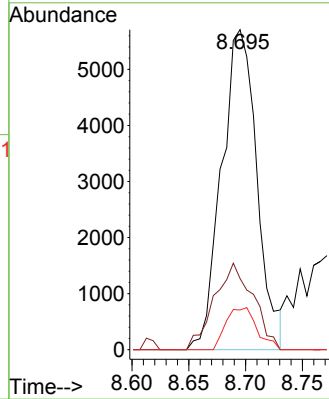
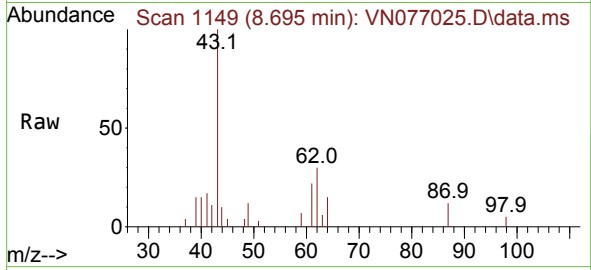




#43
Isopropyl Acetate
Concen: 0.974 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

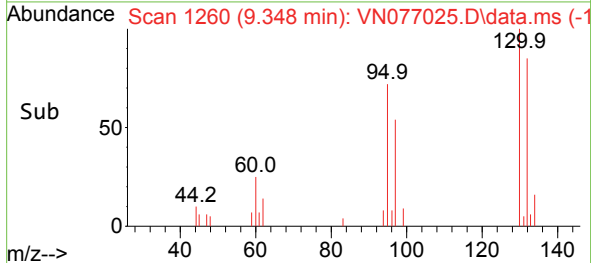
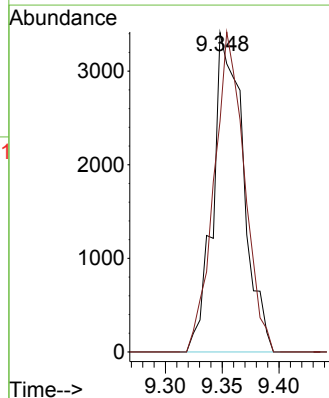
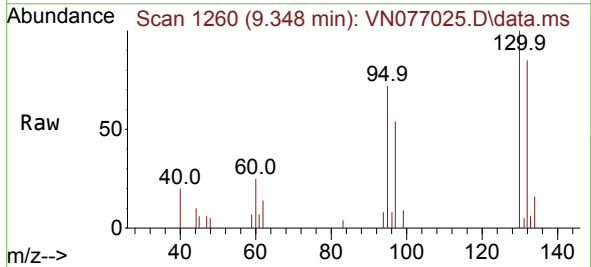
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

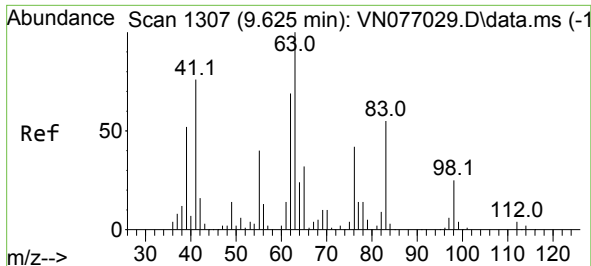
Tgt Ion: 43	Resp: 12369
Ion Ratio	Lower Upper
43 100	
61 29.7	20.6 30.8
87 11.5	10.0 15.0



#44
Trichloroethene
Concen: 1.199 ug/l
RT: 9.348 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt	Ion:130	Resp:	6346
Ion	Ratio	Lower	Upper
130	100		
95	72.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 1.071 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

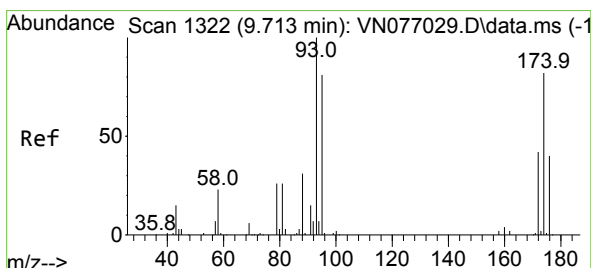
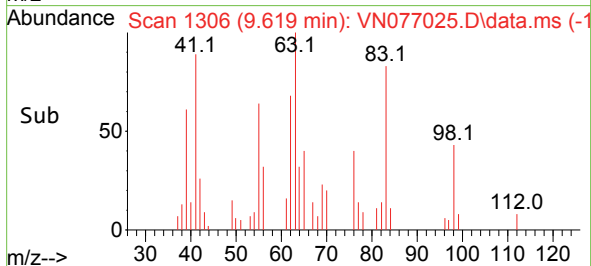
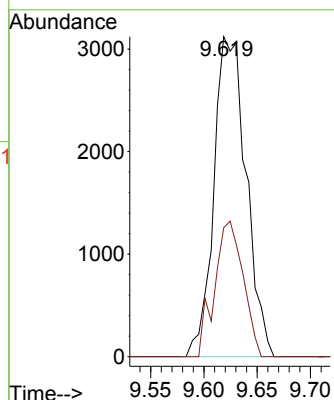
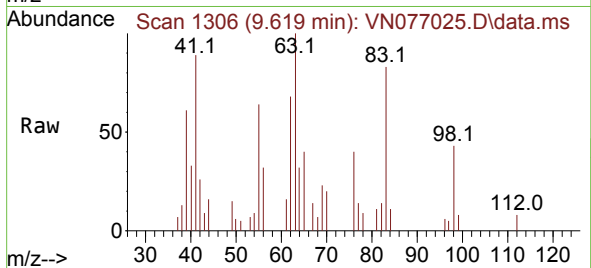
VSTDIC001

Tgt Ion: 63 Resp: 6554

Ion Ratio Lower Upper

63 100

65 40.3 25.5 38.3#



#46

Dibromomethane

Concen: 1.112 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

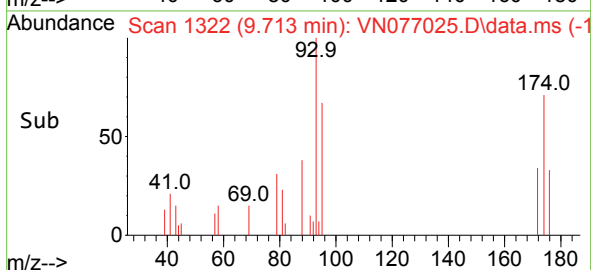
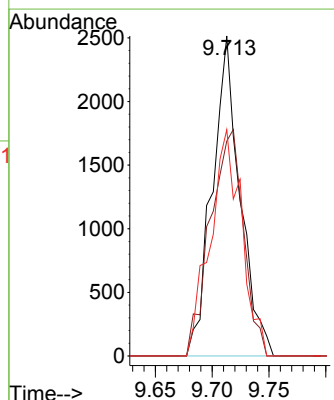
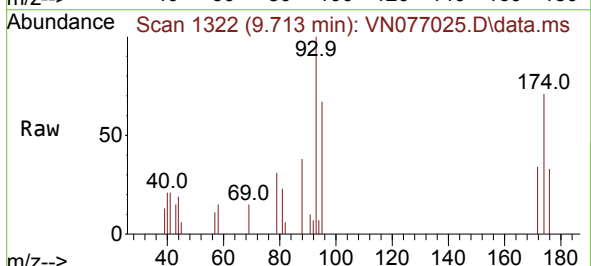
Tgt Ion: 93 Resp: 4290

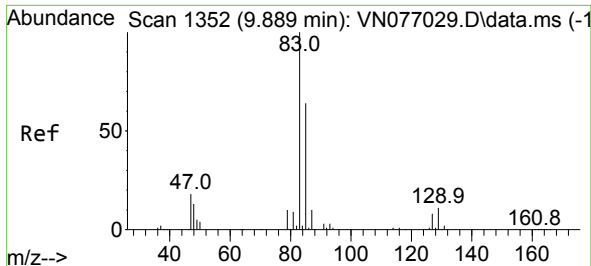
Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

174 80.0 66.4 99.6

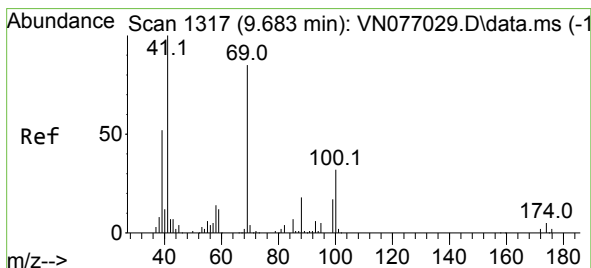
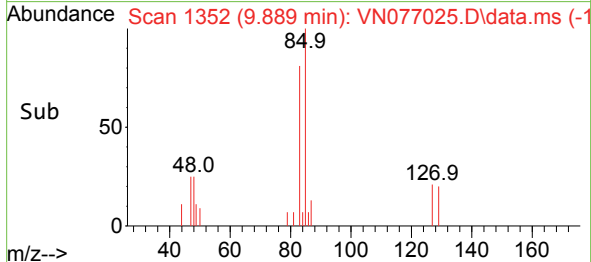
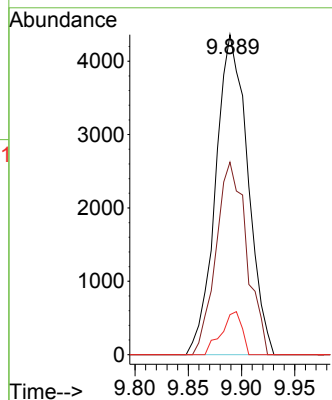
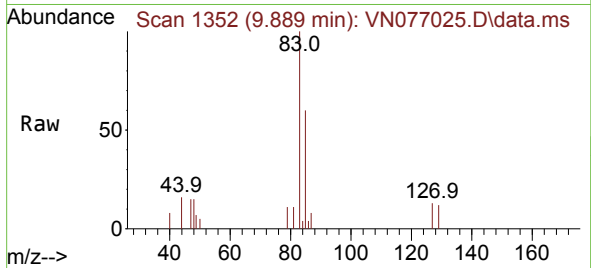




#47
Bromodichloromethane
Concen: 1.128 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

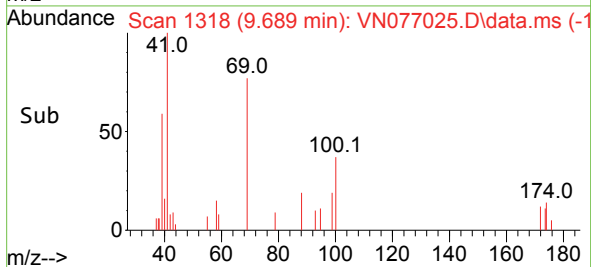
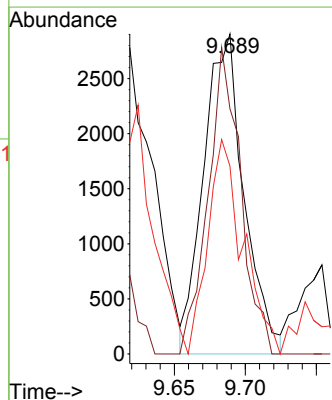
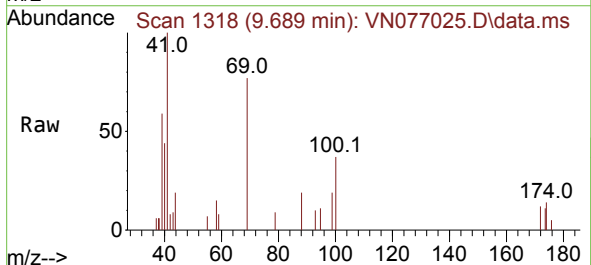
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

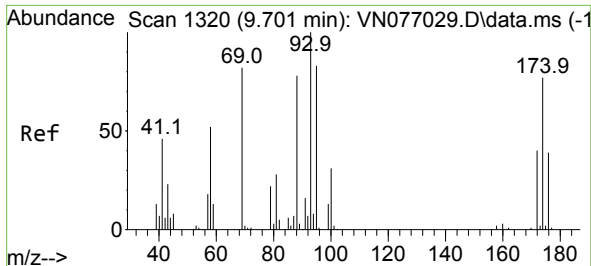
Tgt Ion: 83 Resp: 9128
Ion Ratio Lower Upper
83 100
85 60.1 51.0 76.4
127 12.5 6.1 9.1#



#48
Methyl methacrylate
Concen: 0.944 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 41 Resp: 5727
Ion Ratio Lower Upper
41 100
69 77.6 64.3 96.5
39 58.8 43.2 64.8





#49

1,4-Dioxane

Concen: 19.120 ug/l

RT: 9.707 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

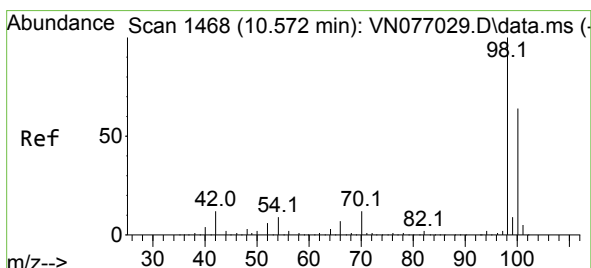
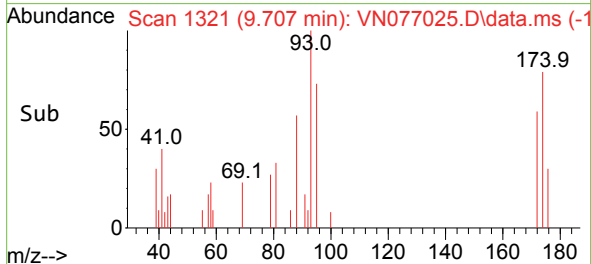
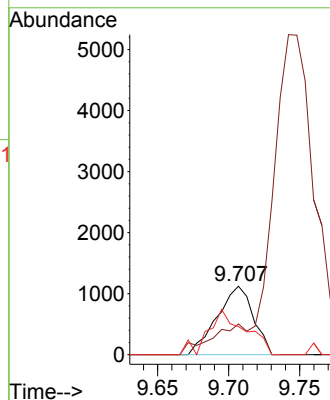
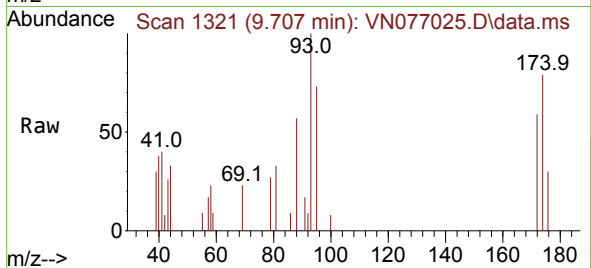
Tgt Ion: 88 Resp: 1982

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.2#

58 67.8 60.8 91.2



#50

Toluene-d8

Concen: 1.018 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077025.D

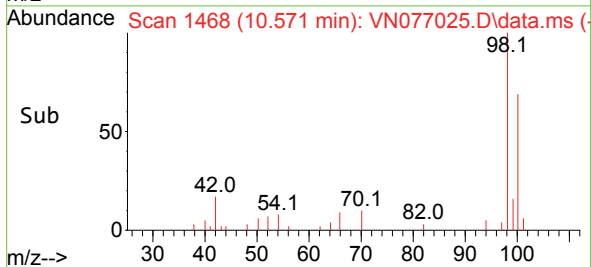
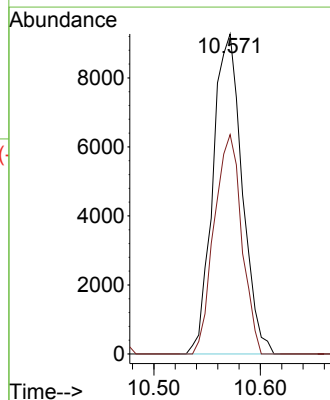
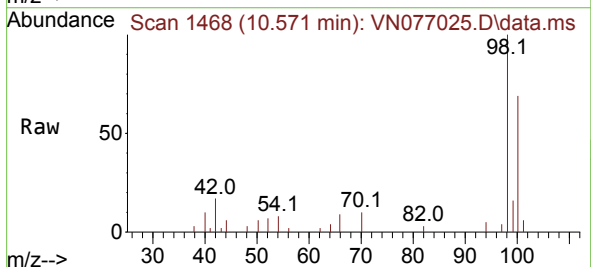
Acq: 17 Mar 2023 09:25

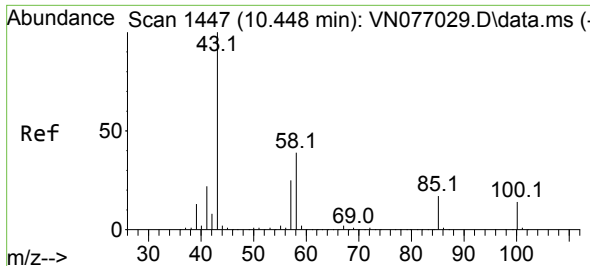
Tgt Ion: 98 Resp: 17686

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 4.637 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

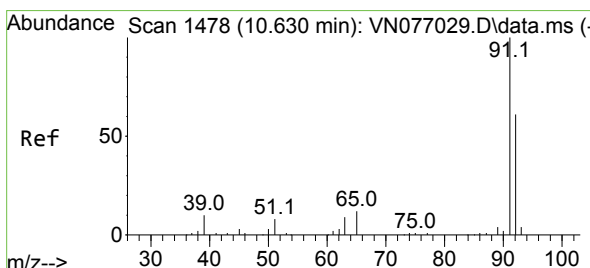
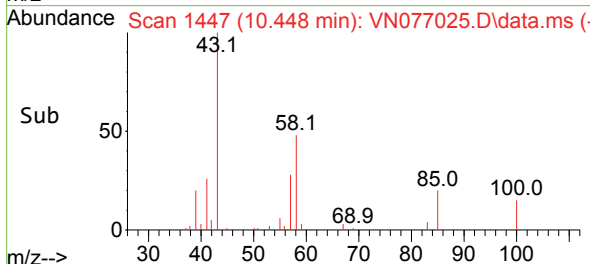
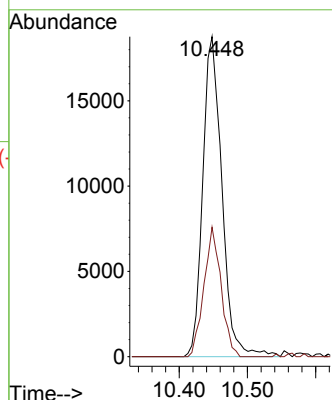
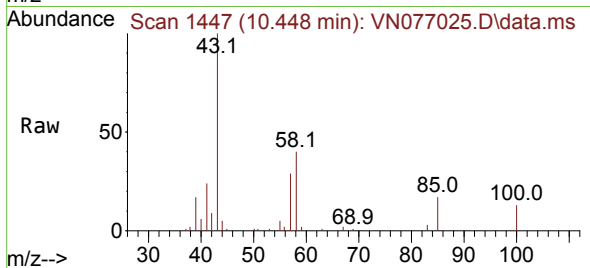
VSTDIC001

Tgt Ion: 43 Resp: 36659

Ion Ratio Lower Upper

43 100

58 36.3 31.1 46.7



#52

Toluene

Concen: 0.977 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077025.D

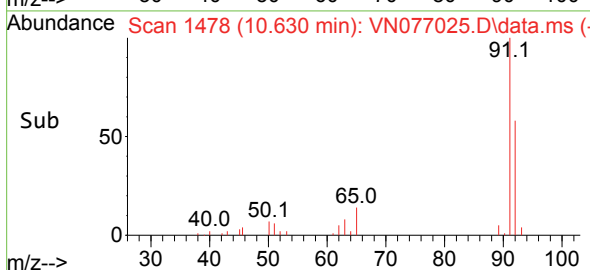
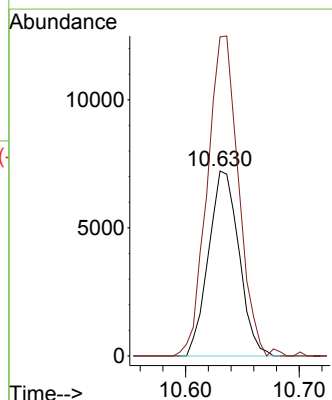
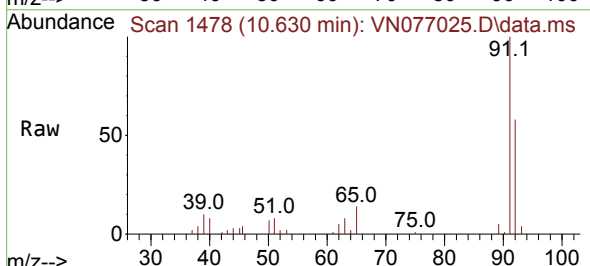
Acq: 17 Mar 2023 09:25

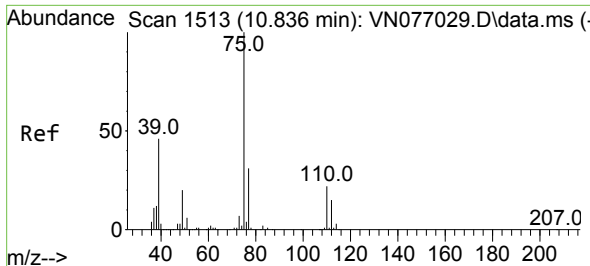
Tgt Ion: 92 Resp: 13442

Ion Ratio Lower Upper

92 100

91 178.1 135.8 203.8

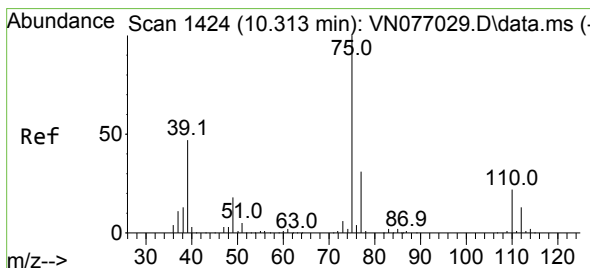
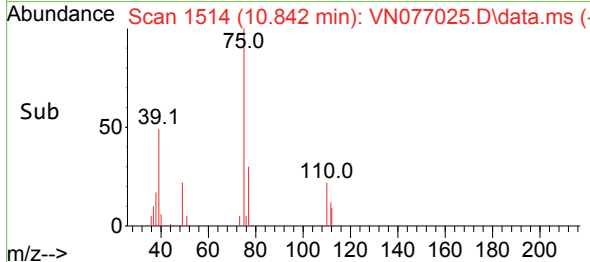
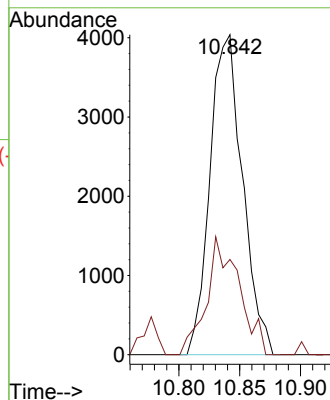
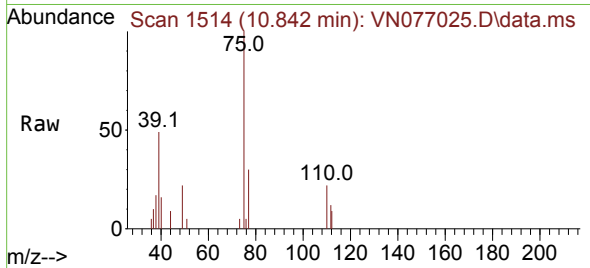




#53
 t-1,3-Dichloropropene
 Concen: 0.948 ug/l
 RT: 10.842 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

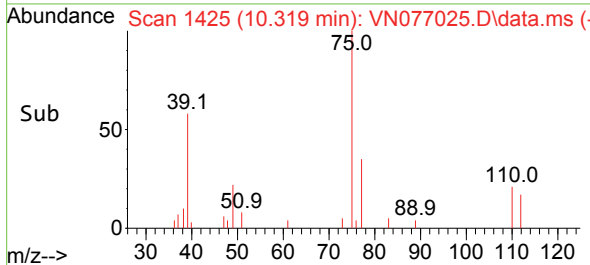
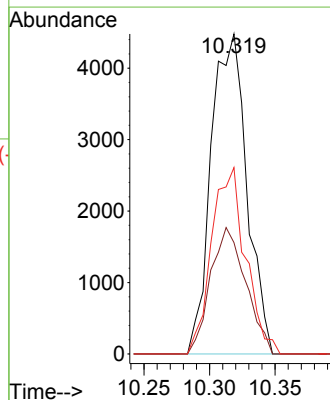
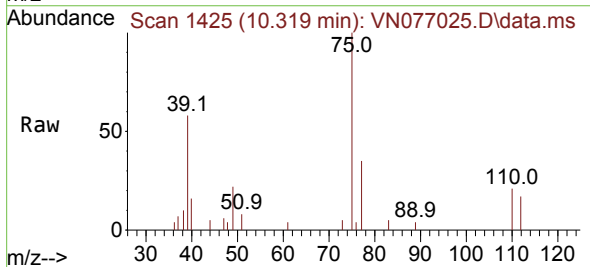
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

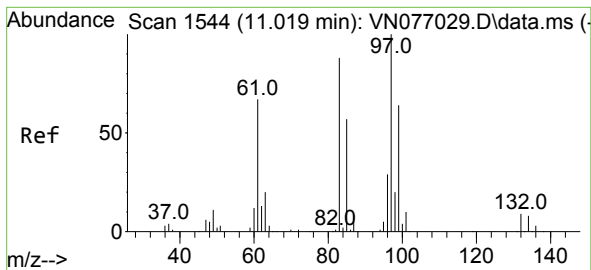
Tgt Ion: 75 Resp: 7517
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 0.945 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 75 Resp: 8460
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.5 36.7
 39 58.3 37.8 56.6#

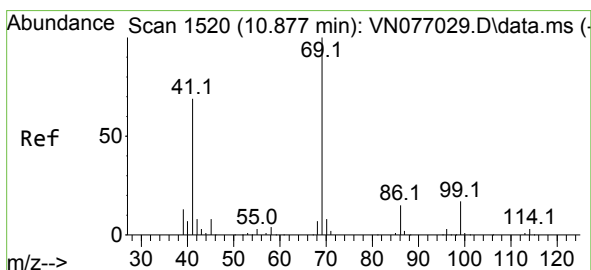
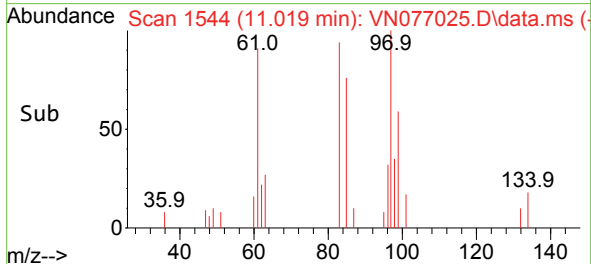
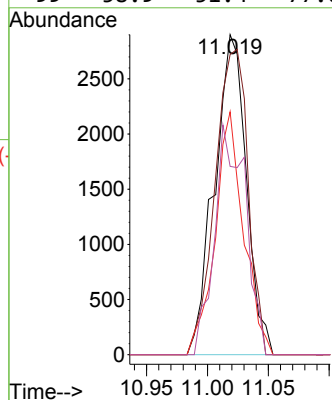
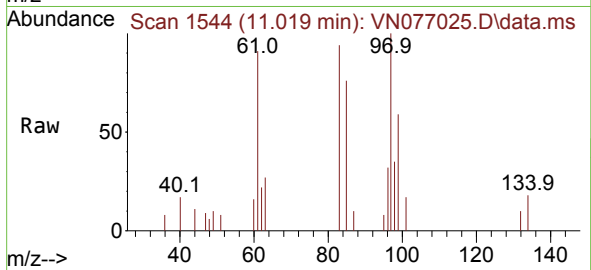




#55
1,1,2-Trichloroethane
Concen: 0.974 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

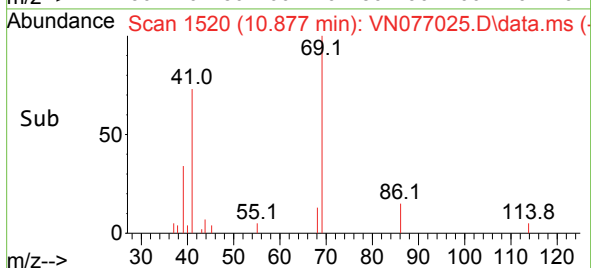
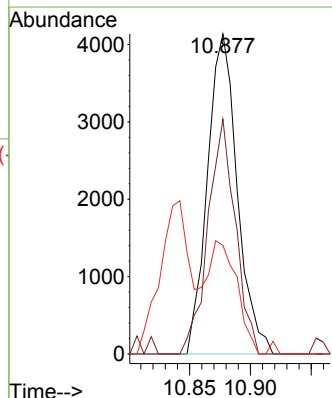
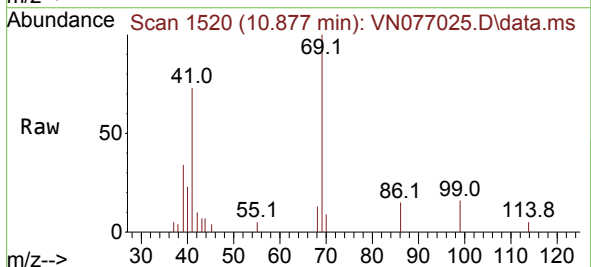
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

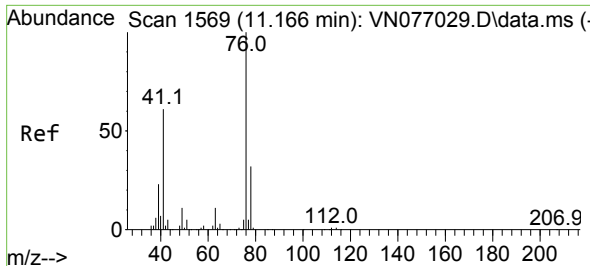
Tgt Ion:	97	Resp:	5283
Ion	Ratio	Lower	Upper
97	100		
83	93.8	70.5	105.7
85	75.9	45.4	68.2#
99	58.9	51.4	77.0



#56
Ethyl methacrylate
Concen: 0.864 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:	69	Resp:	7044
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.9	82.3
39	33.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 1.071 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

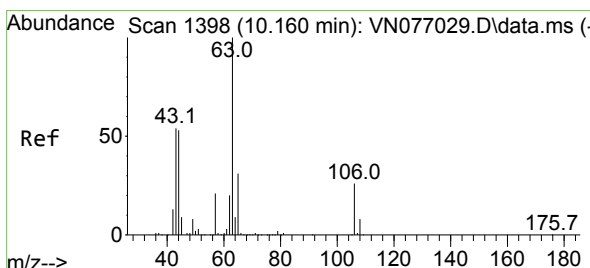
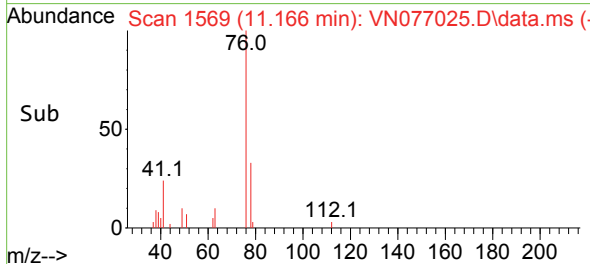
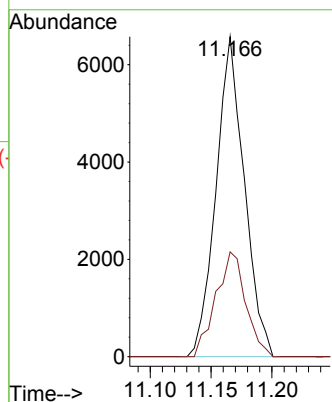
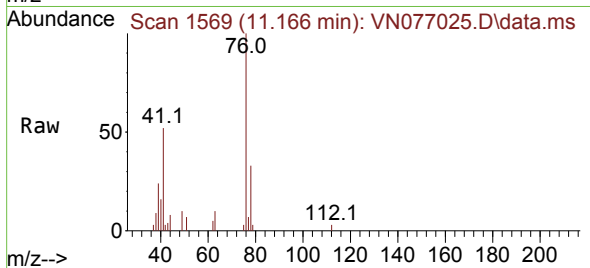
VSTDIC001

Tgt Ion: 76 Resp: 10634

Ion Ratio Lower Upper

76 100

78 34.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 4.232 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077025.D

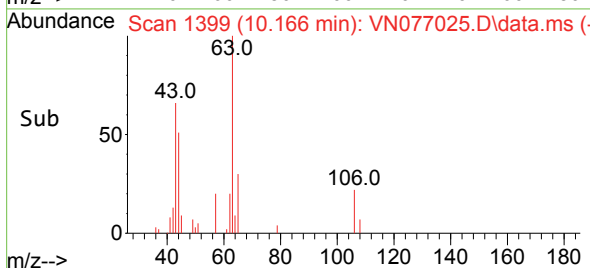
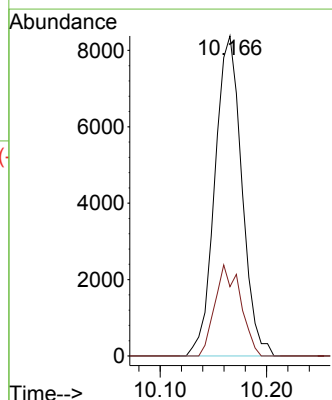
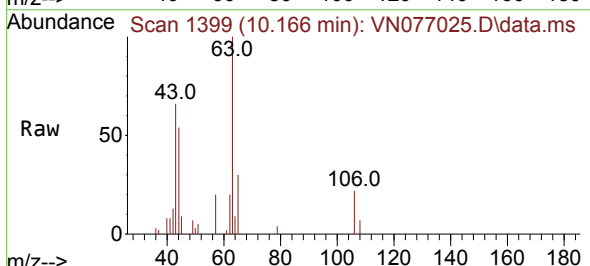
Acq: 17 Mar 2023 09:25

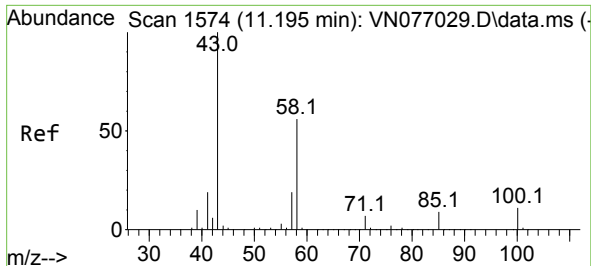
Tgt Ion: 63 Resp: 14715

Ion Ratio Lower Upper

63 100

106 27.1 20.6 31.0

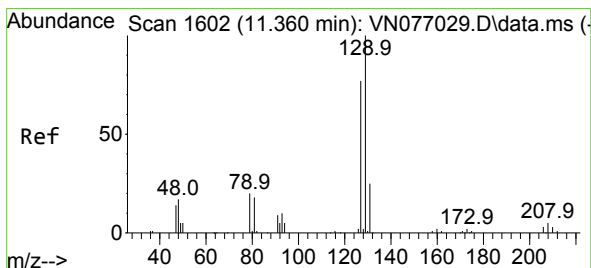
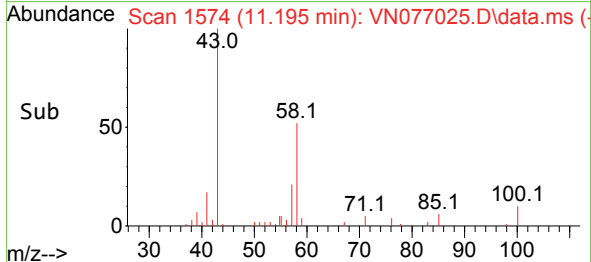
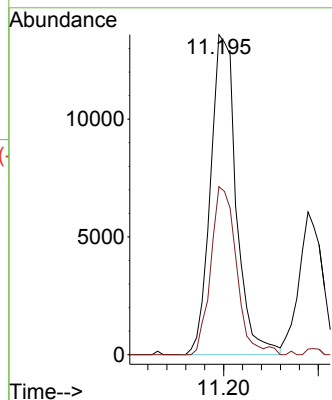
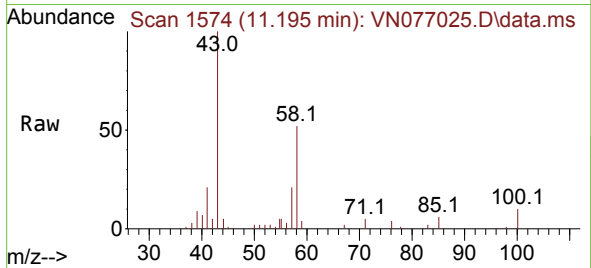




#59
2-Hexanone
Concen: 4.486 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

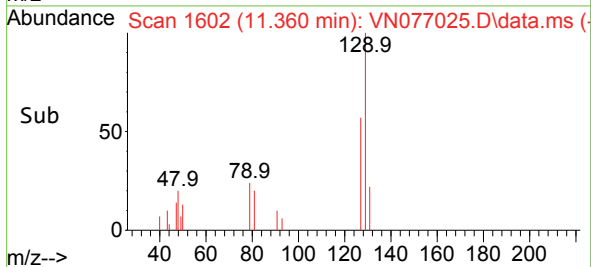
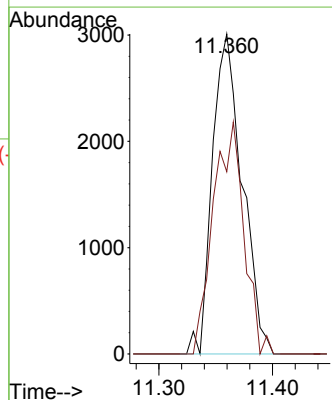
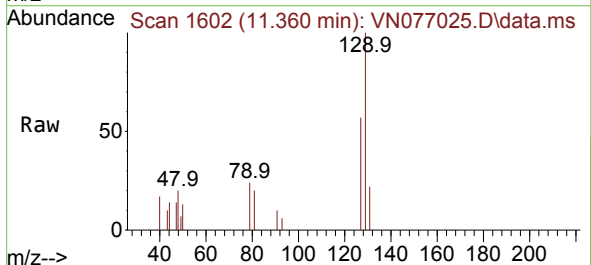
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

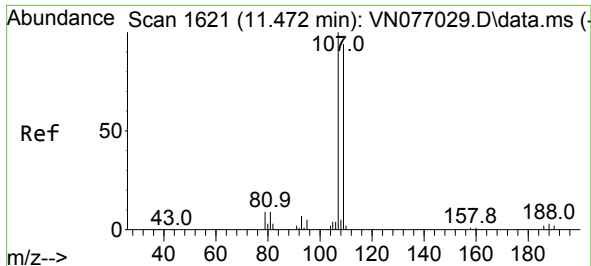
Tgt Ion: 43 Resp: 25721
Ion Ratio Lower Upper
43 100
58 52.1 27.7 83.1



#60
Dibromochloromethane
Concen: 1.009 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 129 Resp: 5497
Ion Ratio Lower Upper
129 100
127 74.2 38.6 115.7

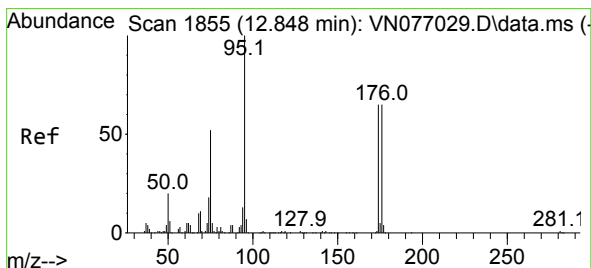
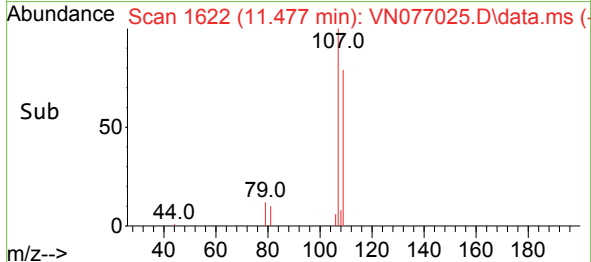
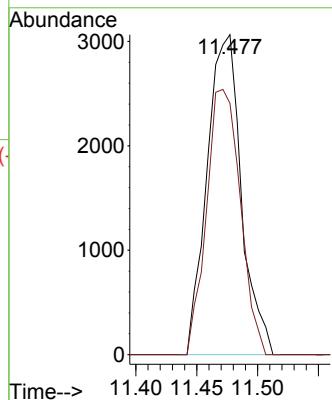
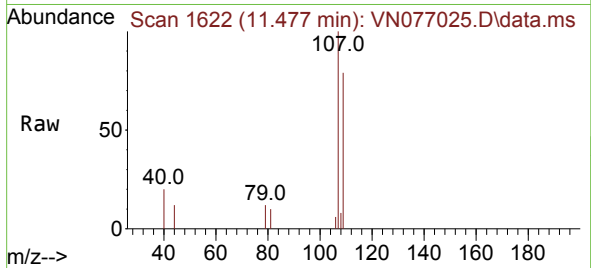




#61
1,2-Dibromoethane
Concen: 1.116 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

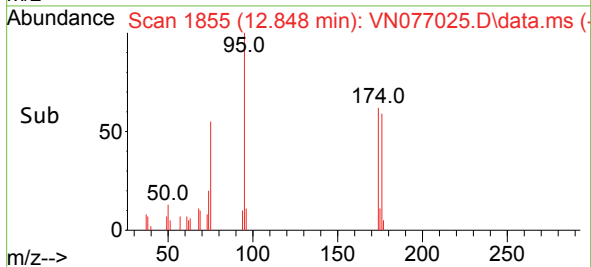
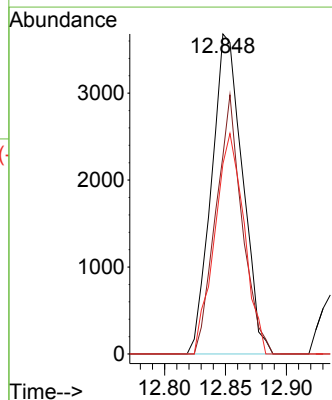
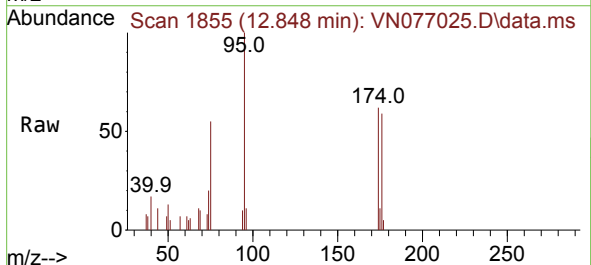
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

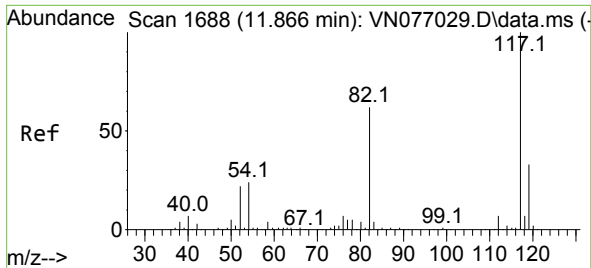
Tgt Ion:107 Resp: 6002
Ion Ratio Lower Upper
107 100
109 81.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 1.062 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 95 Resp: 6518
Ion Ratio Lower Upper
95 100
174 68.9 0.0 136.6
176 65.5 0.0 130.0

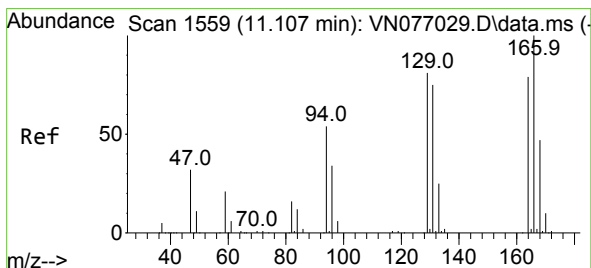
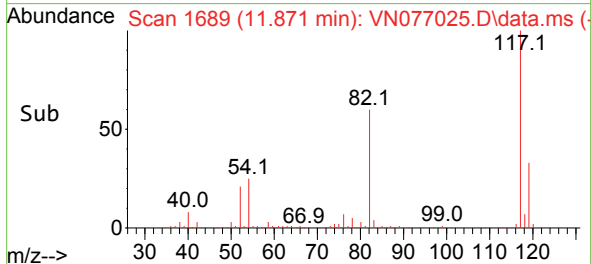
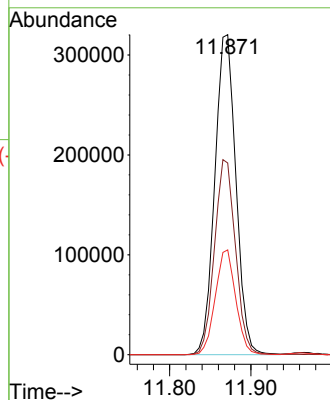
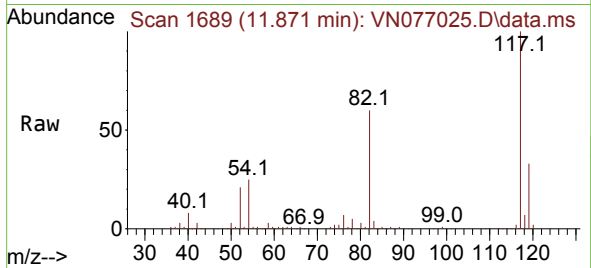




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

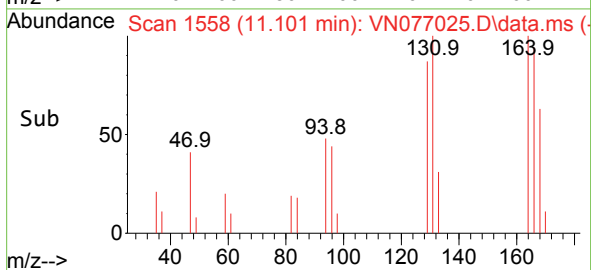
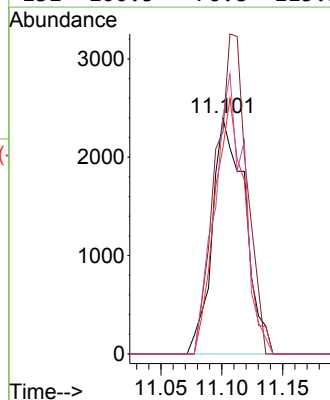
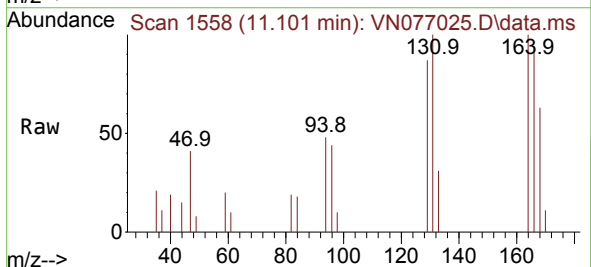
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

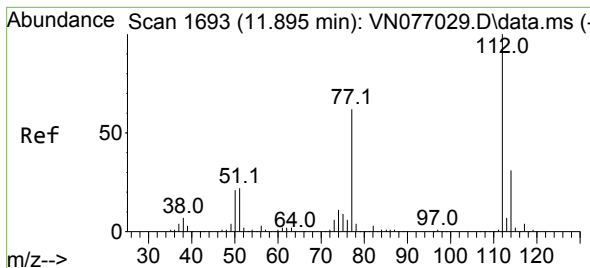
Tgt Ion:117 Resp: 580100
Ion Ratio Lower Upper
117 100
82 59.9 49.4 74.0
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 1.156 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:164 Resp: 4499
Ion Ratio Lower Upper
164 100
166 94.0 101.9 152.9#
129 87.4 82.6 123.8
131 100.5 76.8 115.2

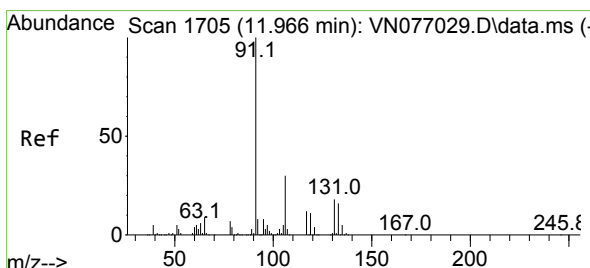
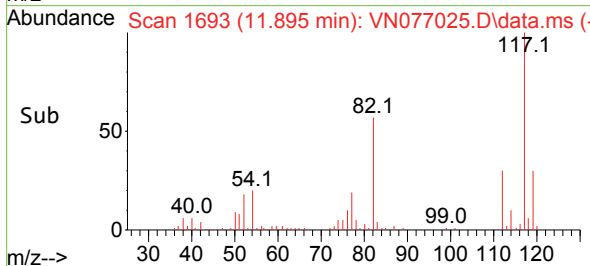
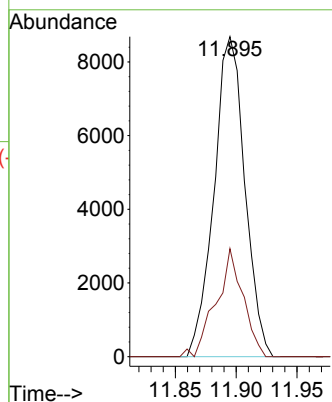
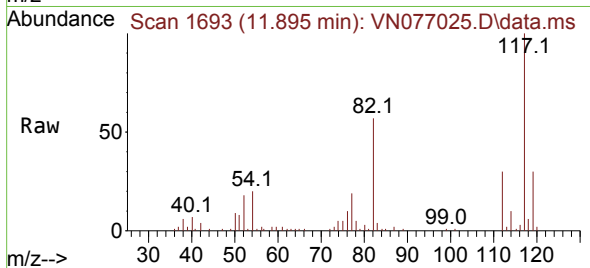




#65
Chlorobenzene
Concen: 1.146 ug/l
RT: 11.895 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

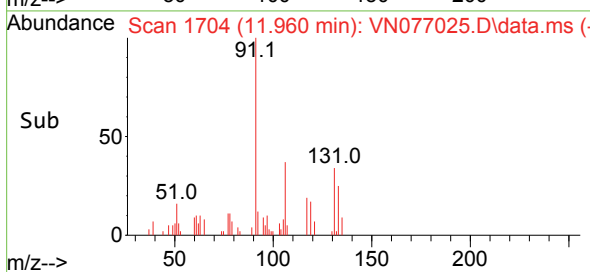
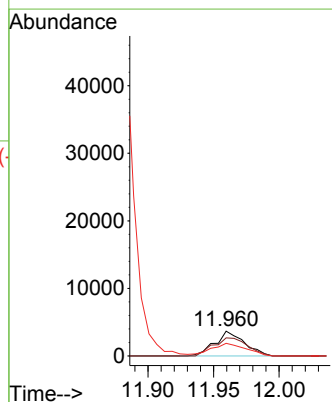
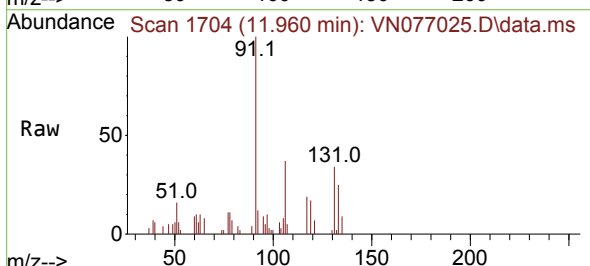
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

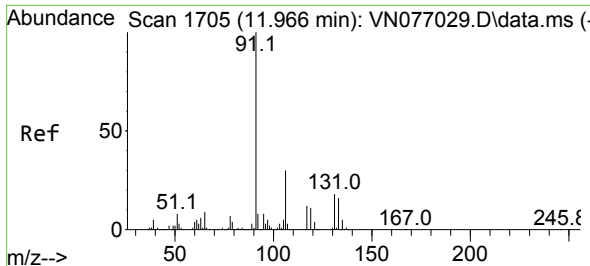
Tgt Ion:112 Resp: 15295
Ion Ratio Lower Upper
112 100
114 33.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.158 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:131 Resp: 5721
Ion Ratio Lower Upper
131 100
133 84.6 46.8 140.3
119 0.0 32.6 97.8#

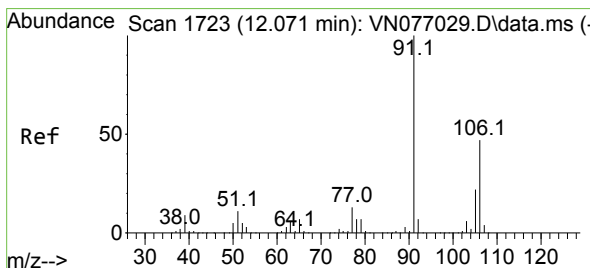
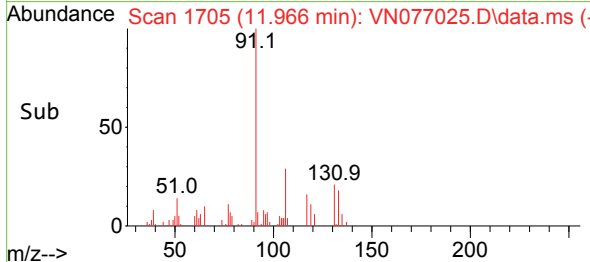
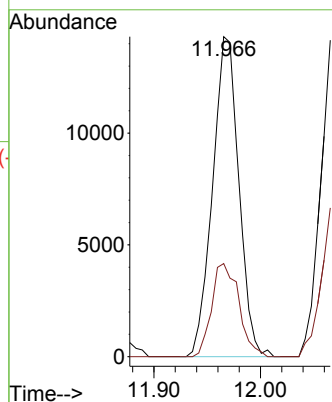
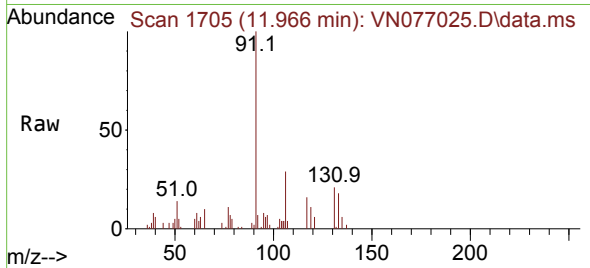




#67
Ethyl Benzene
Concen: 1.010 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

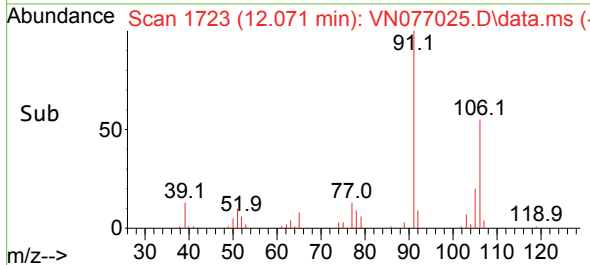
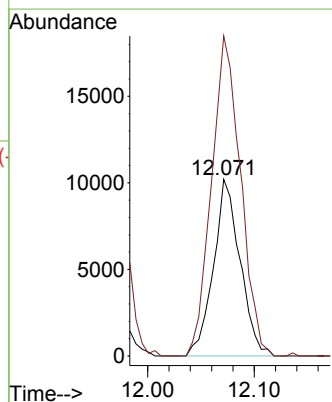
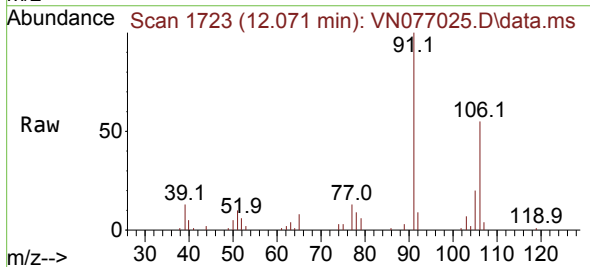
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

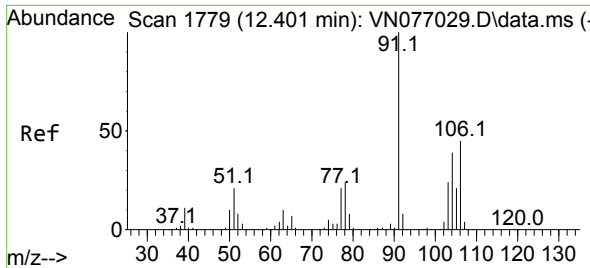
Tgt Ion: 91 Resp: 24489
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 1.969 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 106 Resp: 17708
Ion Ratio Lower Upper
106 100
91 197.5 168.0 252.0

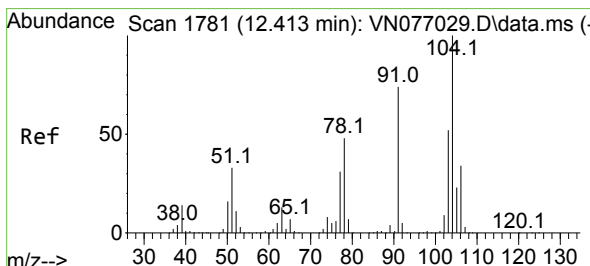
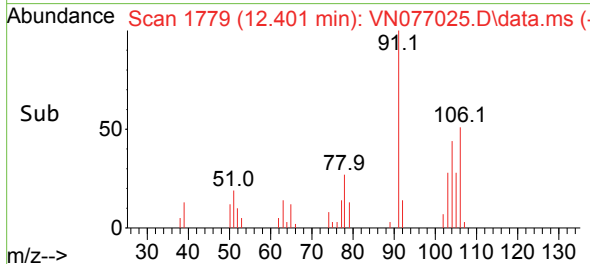
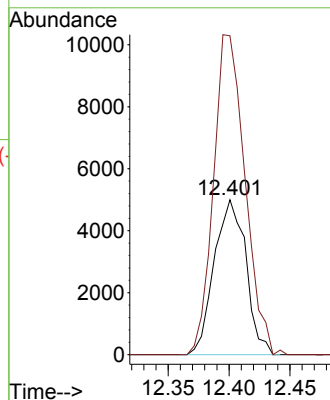
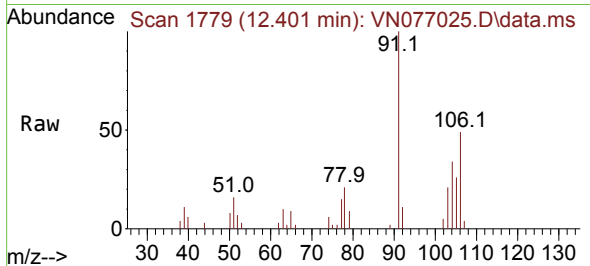




#69
o-Xylene
Concen: 1.014 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

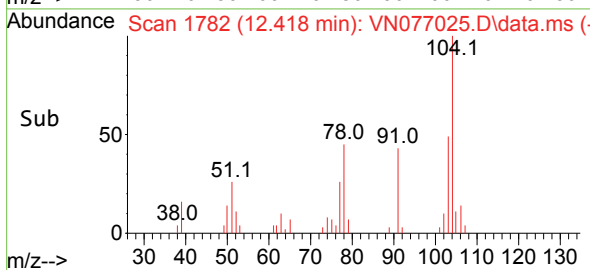
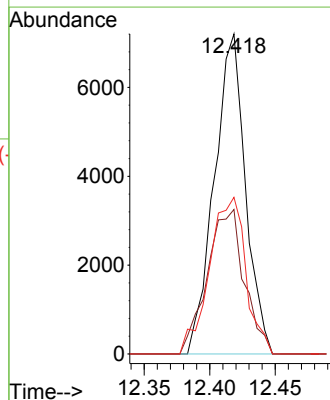
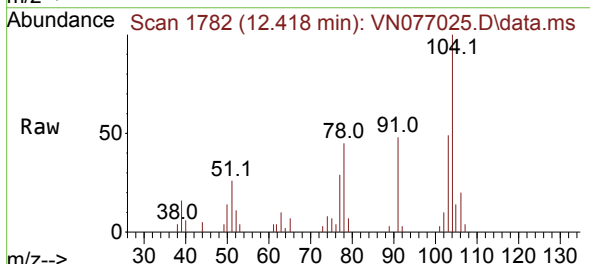
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

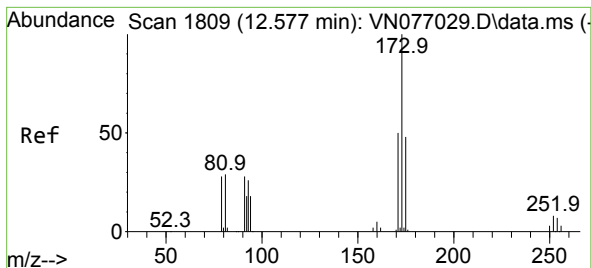
Tgt Ion:106 Resp: 9057
Ion Ratio Lower Upper
106 100
91 205.5 110.3 330.9



#70
Styrene
Concen: 0.855 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:104 Resp: 11886
Ion Ratio Lower Upper
104 100
78 53.8 41.8 62.8
103 57.1 43.8 65.6





#71

Bromoform

Concen: 1.000 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

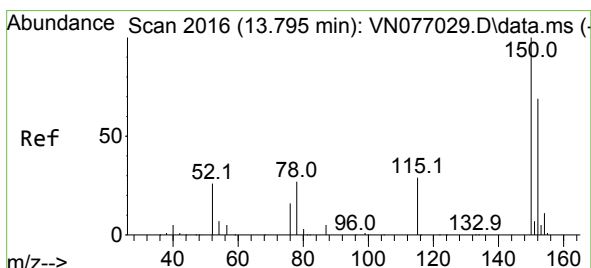
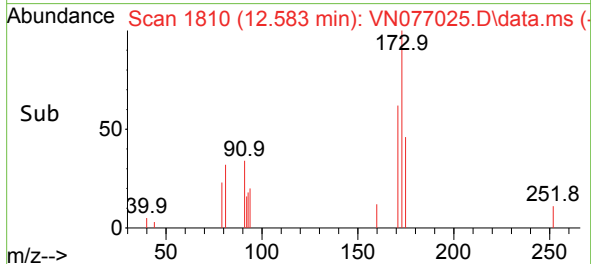
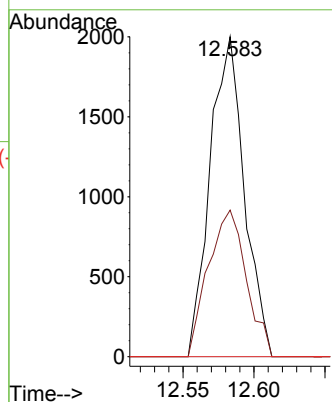
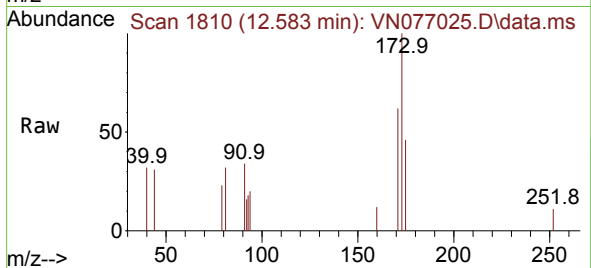
Tgt Ion:173 Resp: 3348

Ion Ratio Lower Upper

173 100

175 50.9 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

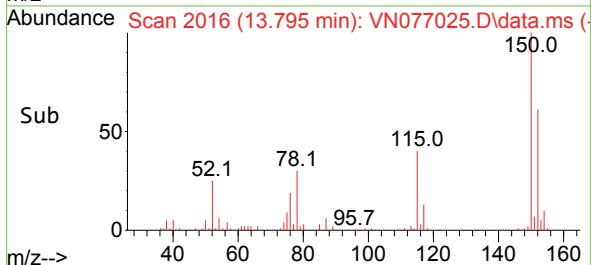
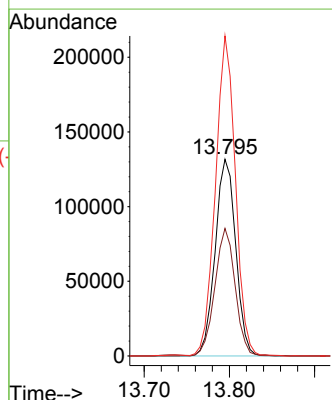
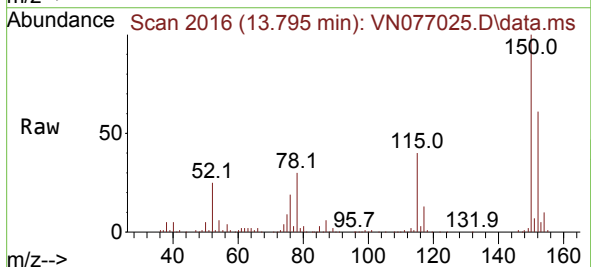
Tgt Ion:152 Resp: 220900

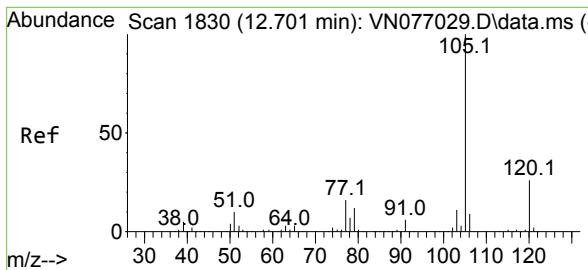
Ion Ratio Lower Upper

152 100

115 64.0 31.9 95.7

150 157.8 0.0 348.0





#73

Isopropylbenzene

Concen: 0.988 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

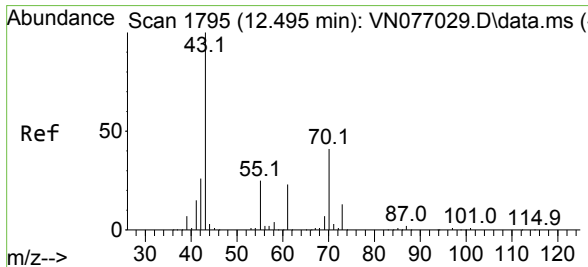
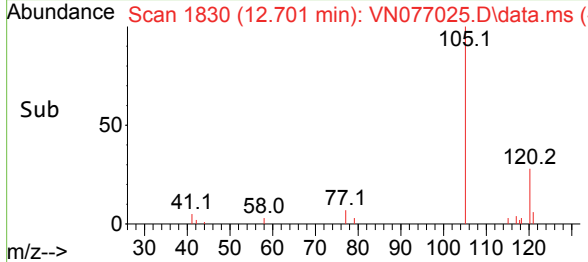
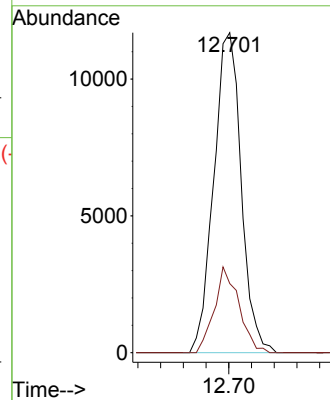
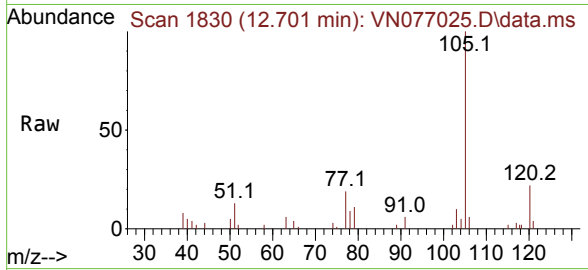
VSTDIC001

Tgt Ion:105 Resp: 19564

Ion Ratio Lower Upper

105 100

120 24.1 12.8 38.4



#74

N-ethyl acetate

Concen: 0.977 ug/l

RT: 12.501 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Tgt Ion: 43 Resp: 8371

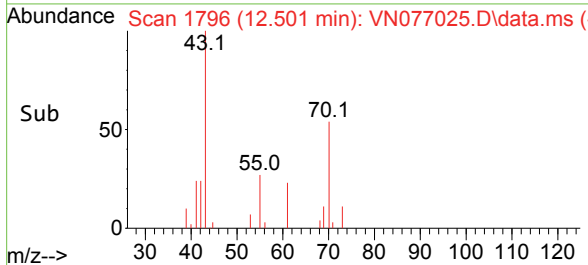
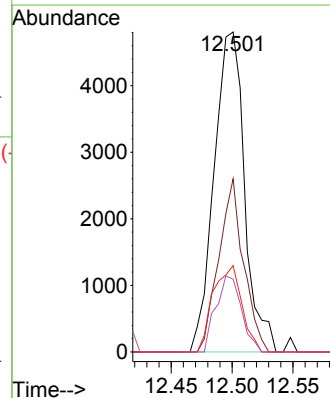
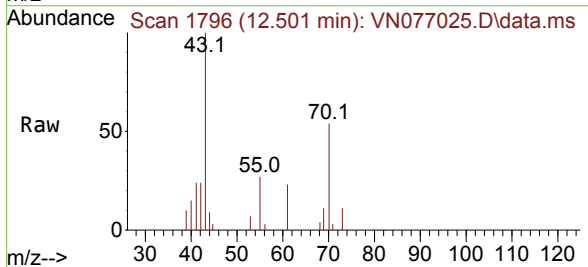
Ion Ratio Lower Upper

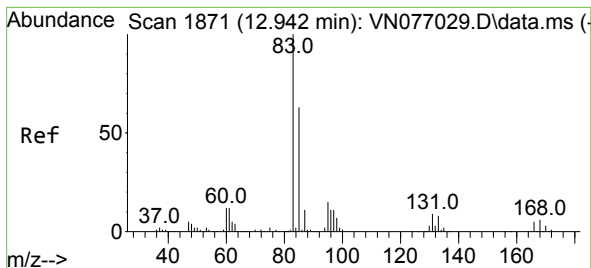
43 100

70 44.0 33.6 50.4

55 25.4 20.3 30.5

61 19.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 1.242 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

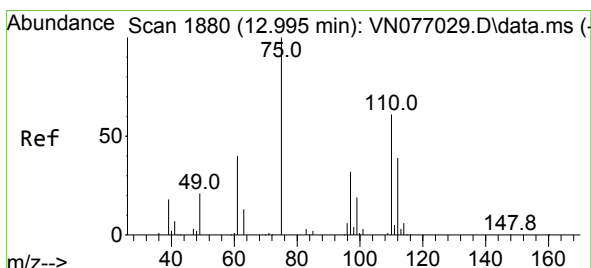
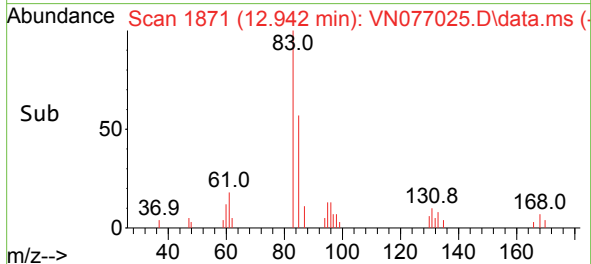
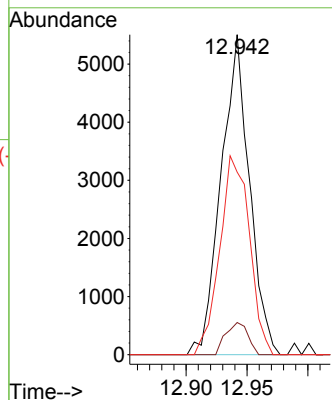
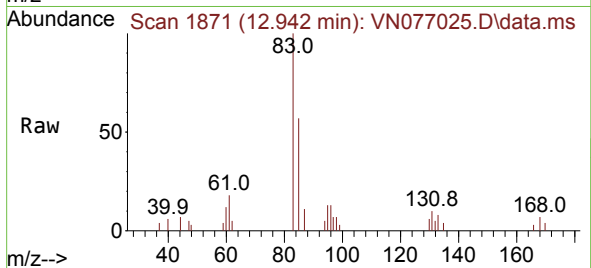
Tgt Ion: 83 Resp: 8908

Ion Ratio Lower Upper

83 100

131 7.8 4.5 13.7

85 65.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 1.755 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077025.D

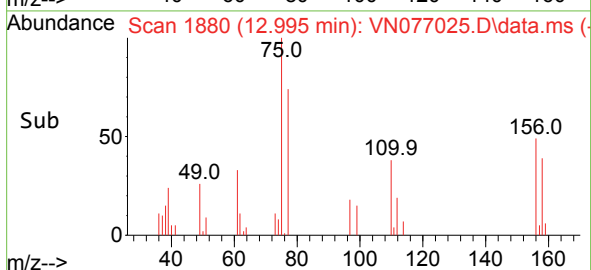
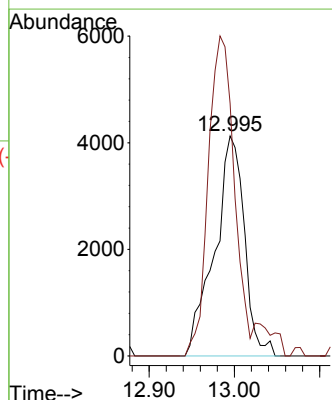
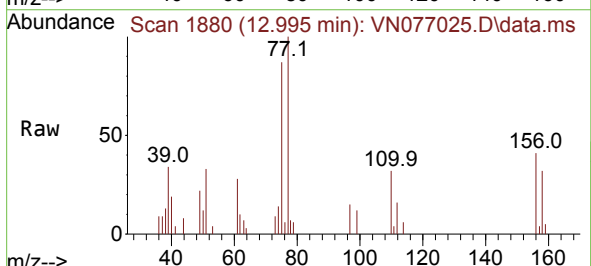
Acq: 17 Mar 2023 09:25

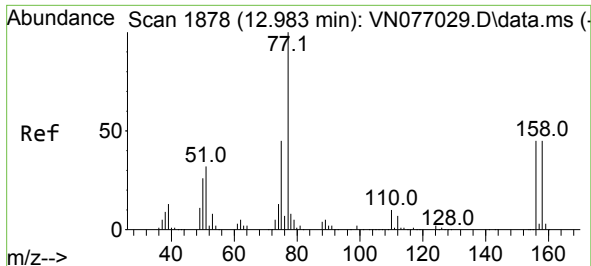
Tgt Ion: 75 Resp: 10031

Ion Ratio Lower Upper

75 100

77 130.3 107.3 322.0

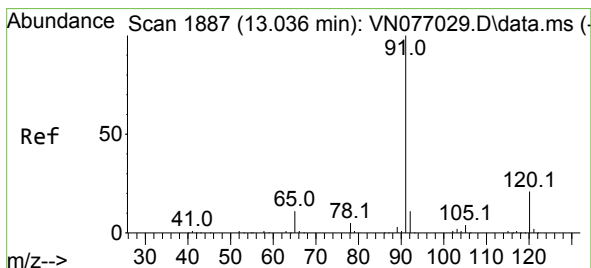
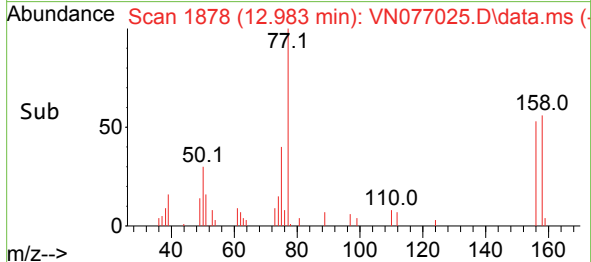
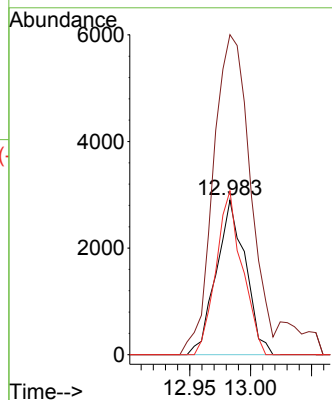
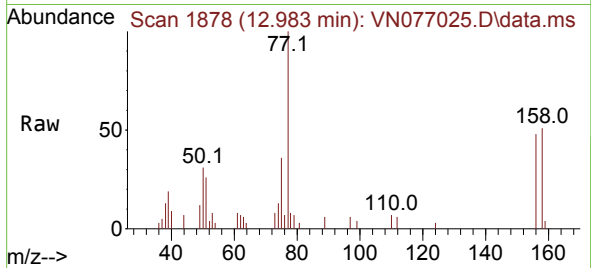




#77
Bromobenzene
Concen: 1.090 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

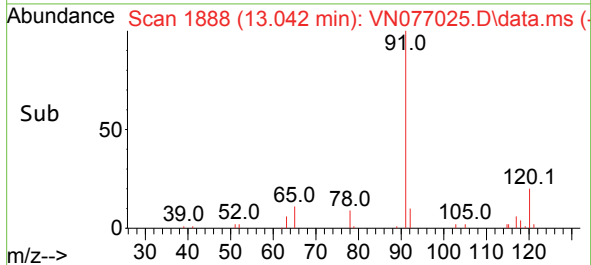
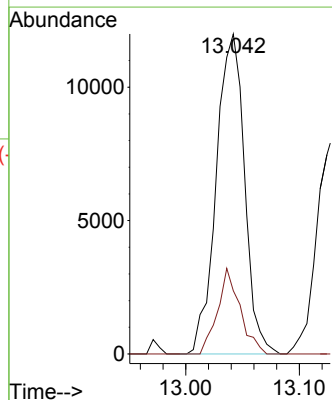
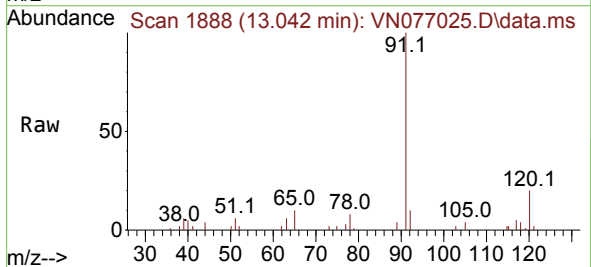
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

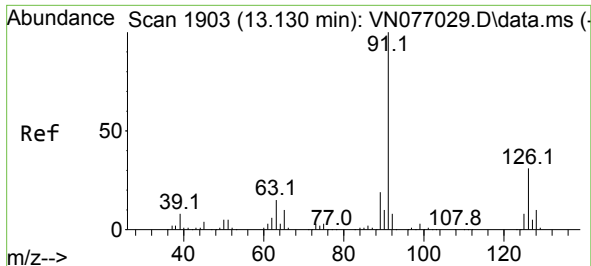
Tgt Ion:156 Resp: 4835
Ion Ratio Lower Upper
156 100
77 270.4 124.8 374.3
158 95.1 48.6 145.9



#78
n-propylbenzene
Concen: 0.910 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 91 Resp: 20786
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.3

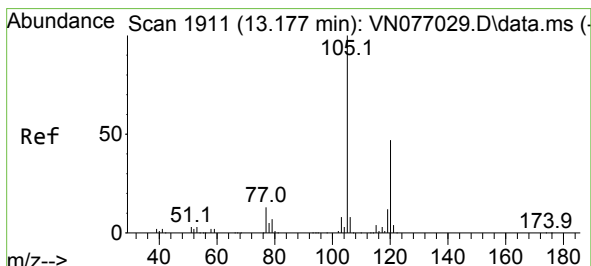
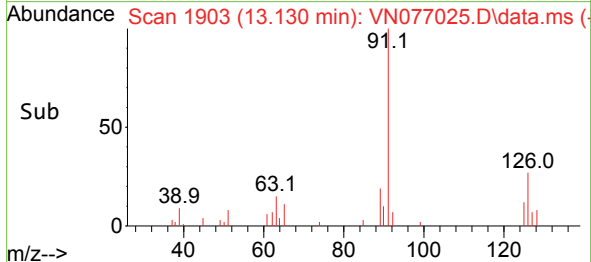
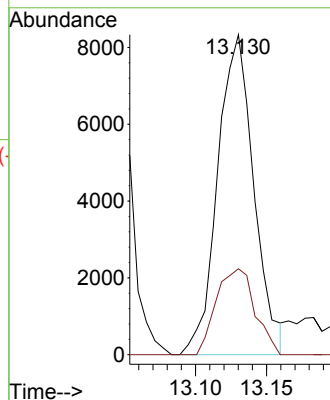
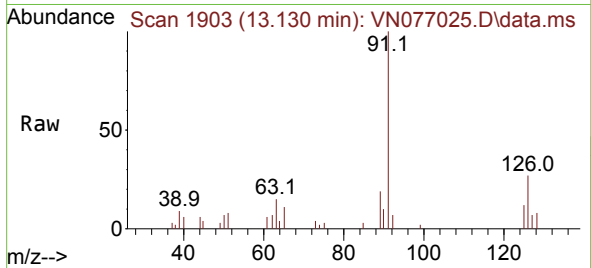




#79
2-Chlorotoluene
Concen: 1.014 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

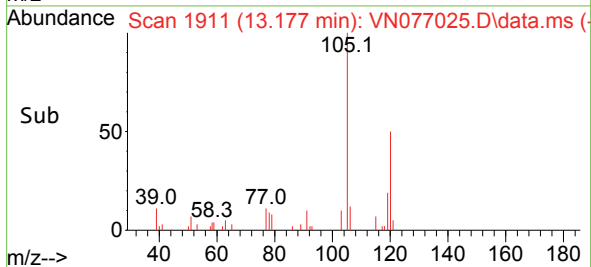
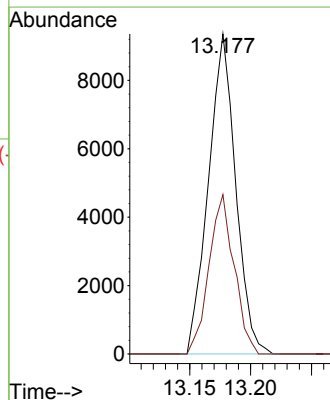
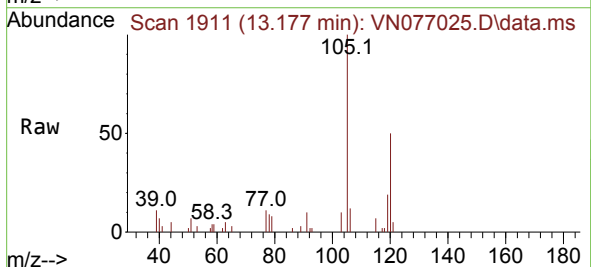
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

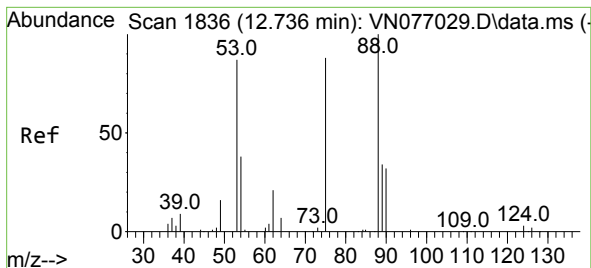
Tgt Ion: 91 Resp: 14759
Ion Ratio Lower Upper
91 100
126 28.7 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 0.881 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 105 Resp: 14557
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2

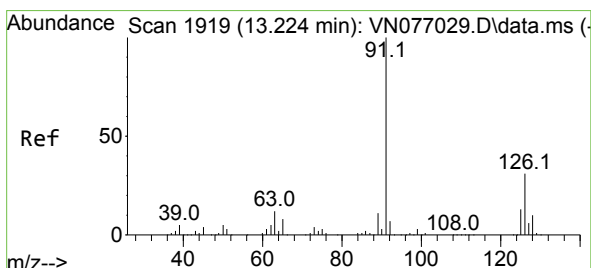
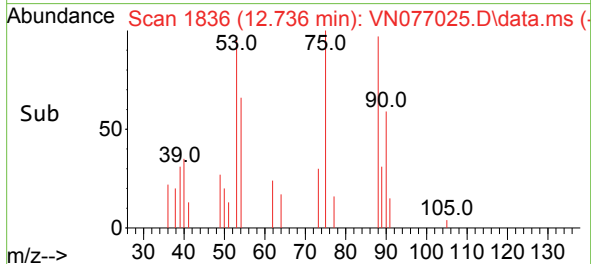
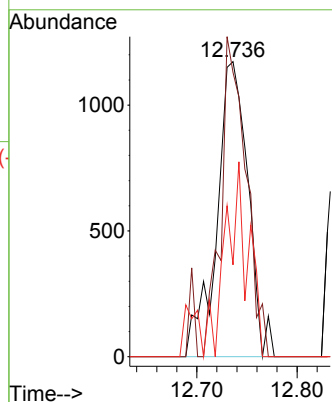
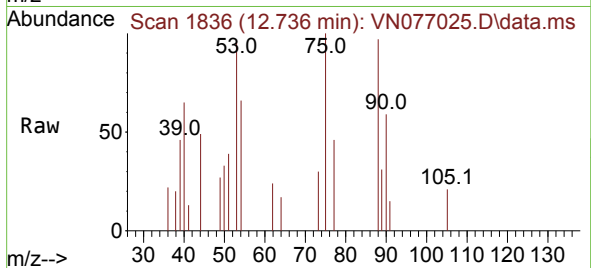




#81
trans-1,4-Dichloro-2-butene
Concen: 1.219 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

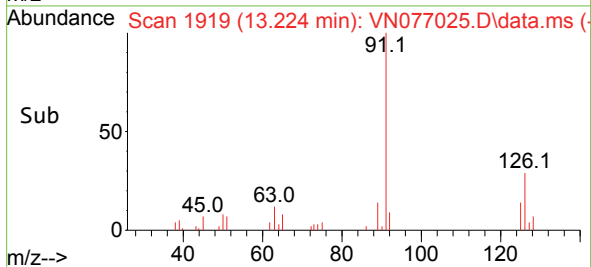
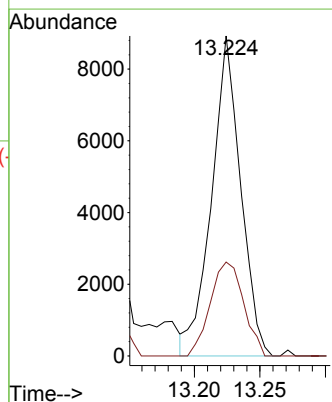
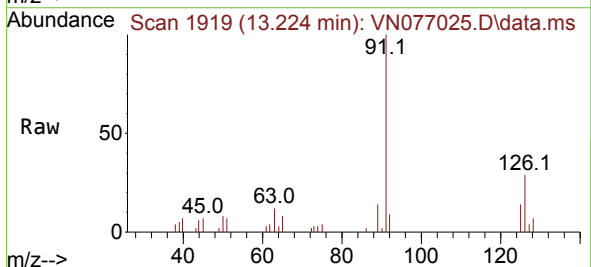
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

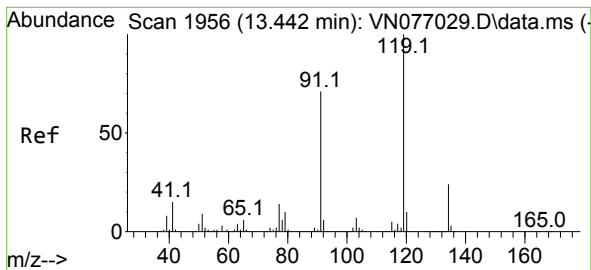
Tgt Ion: 75 Resp: 2531
Ion Ratio Lower Upper
75 100
53 87.3 80.8 121.2
89 21.7 34.2 51.4#



#82
4-Chlorotoluene
Concen: 0.988 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 91 Resp: 13685
Ion Ratio Lower Upper
91 100
126 33.8 15.5 46.5

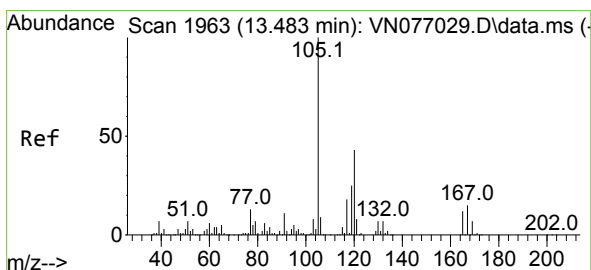
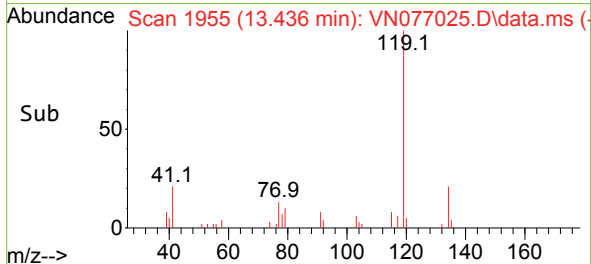
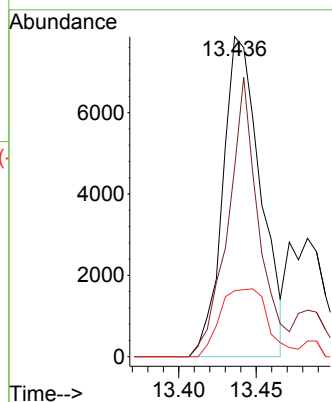
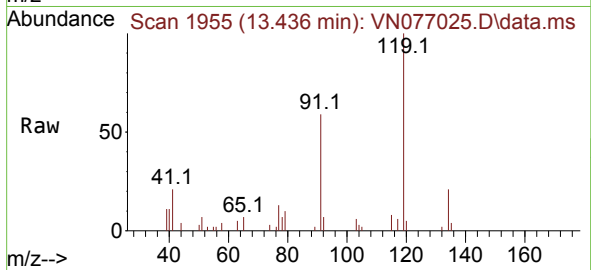




#83
tert-Butylbenzene
Concen: 0.959 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

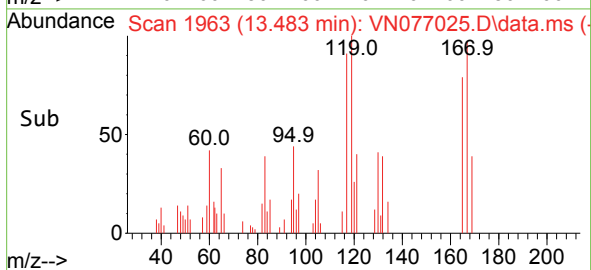
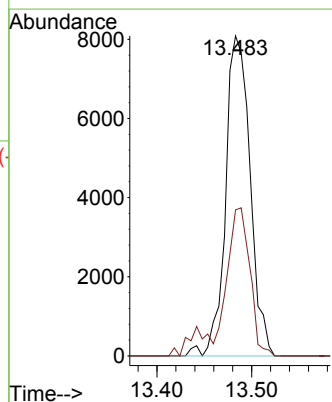
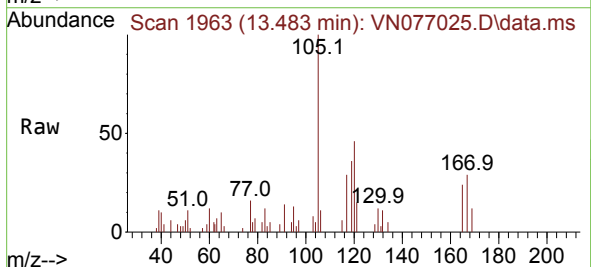
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

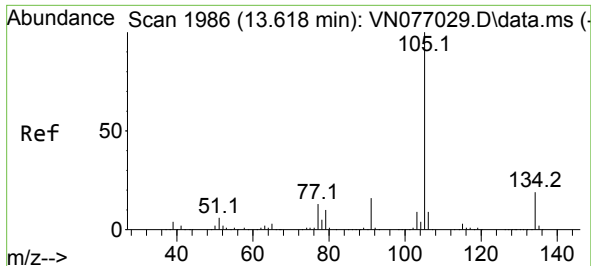
Tgt Ion:119 Resp: 13310
Ion Ratio Lower Upper
119 100
91 71.5 35.8 107.3
134 27.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 0.882 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:105 Resp: 14549
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.3

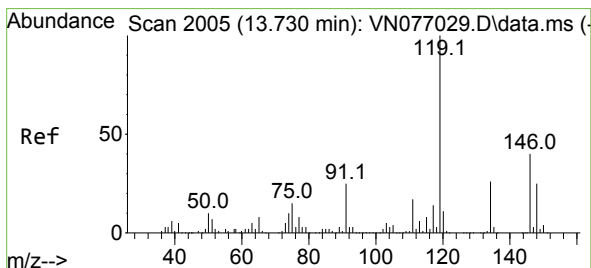
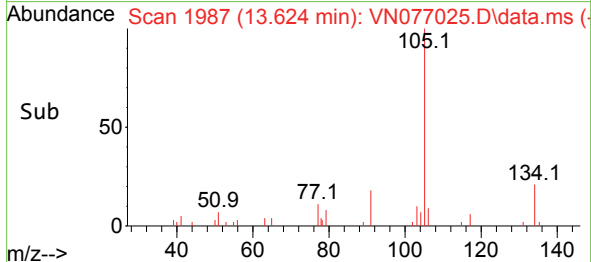
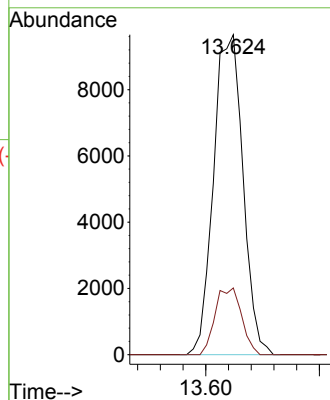
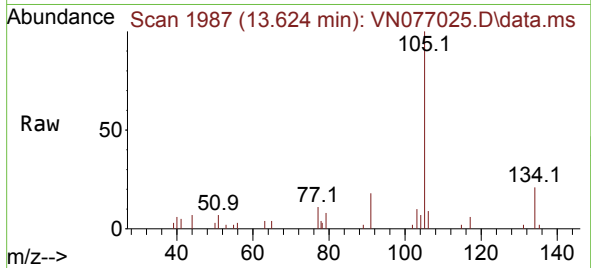




#85
 sec-Butylbenzene
 Concen: 0.877 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

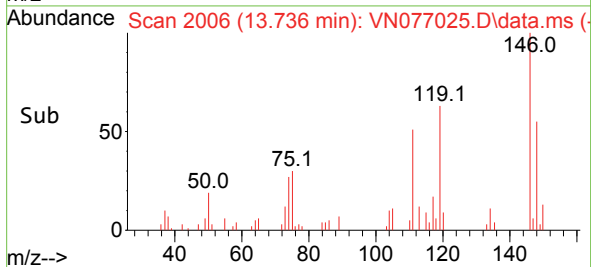
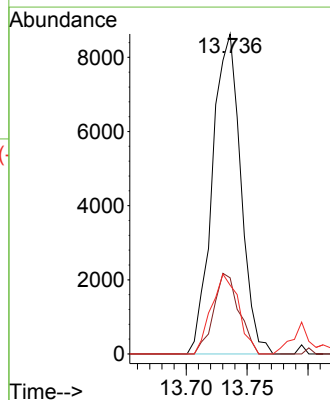
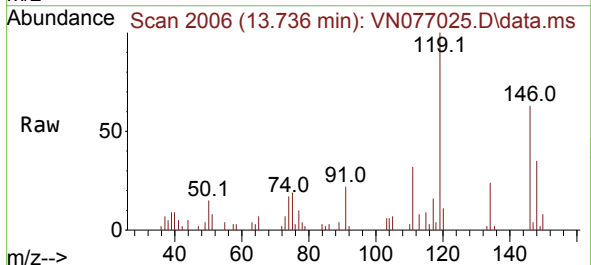
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

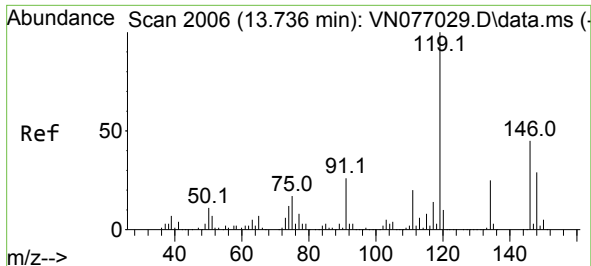
Tgt Ion:105 Resp: 17312
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 0.882 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion:119 Resp: 13982
 Ion Ratio Lower Upper
 119 100
 134 22.6 12.8 38.4
 91 24.0 12.7 38.1

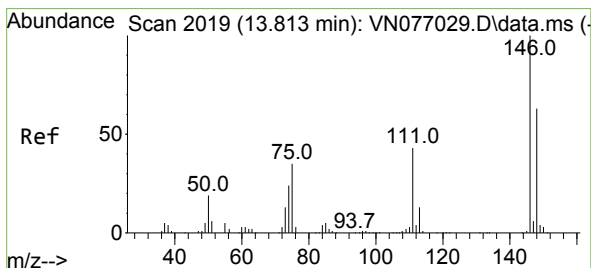
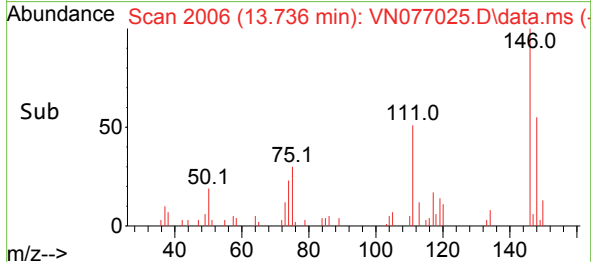
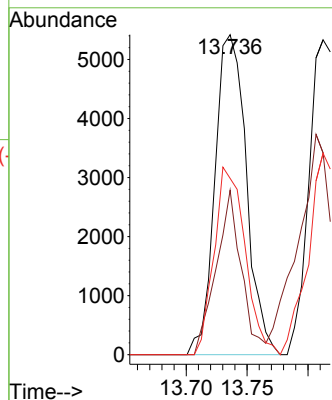
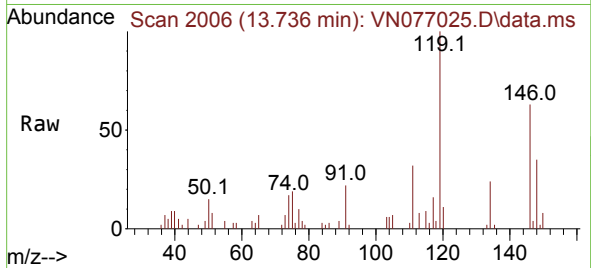




#87
1,3-Dichlorobenzene
Concen: 1.160 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

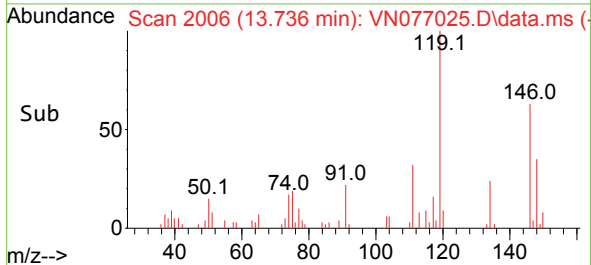
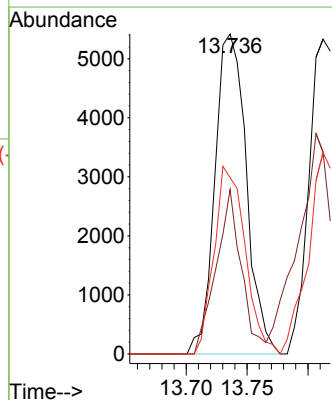
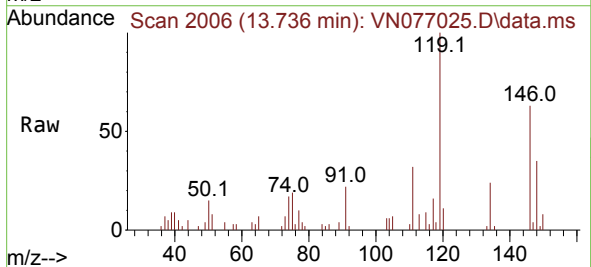
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

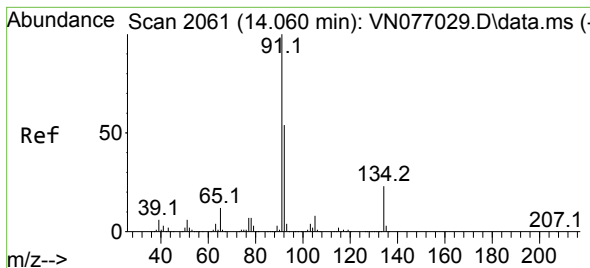
Tgt Ion:146 Resp: 9721
Ion Ratio Lower Upper
146 100
111 41.6 21.9 65.5
148 57.9 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 1.166 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.077 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:146 Resp: 9721
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 57.9 31.9 95.9





#89

n-Butylbenzene

Concen: 0.957 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

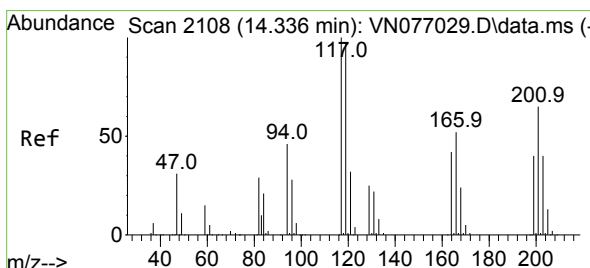
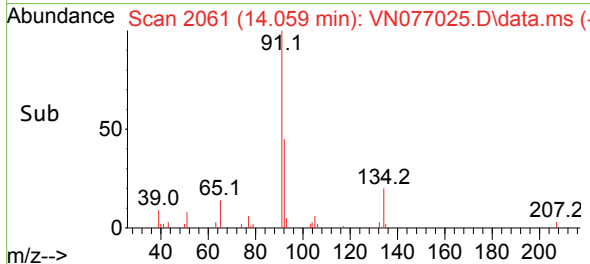
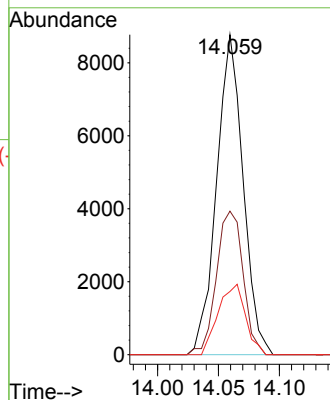
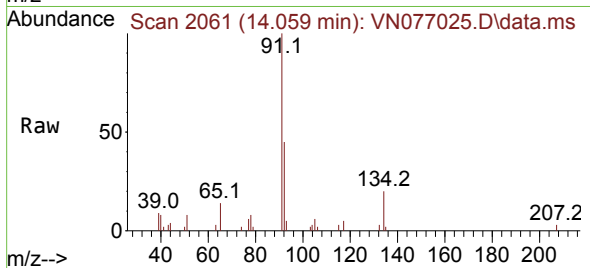
Tgt Ion: 91 Resp: 13304

Ion Ratio Lower Upper

91 100

92 45.1 26.5 79.5

134 22.6 11.7 35.1



#90

Hexachloroethane

Concen: 1.144 ug/l

RT: 14.330 min Scan# 2107

Delta R.T. -0.006 min

Lab File: VN077025.D

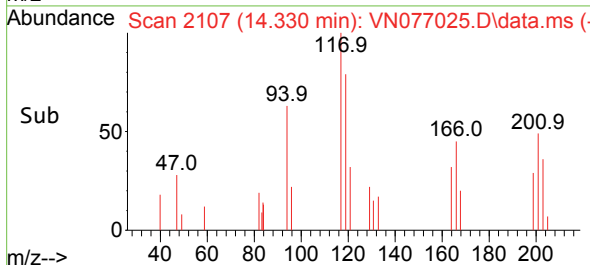
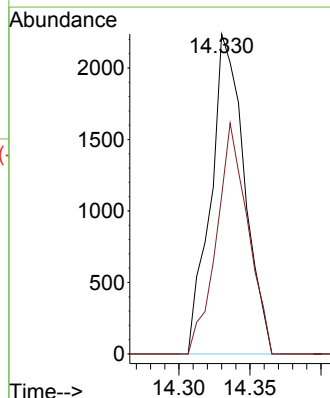
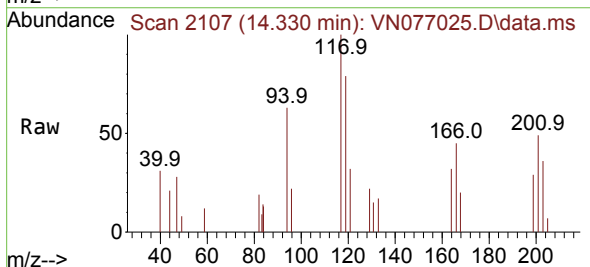
Acq: 17 Mar 2023 09:25

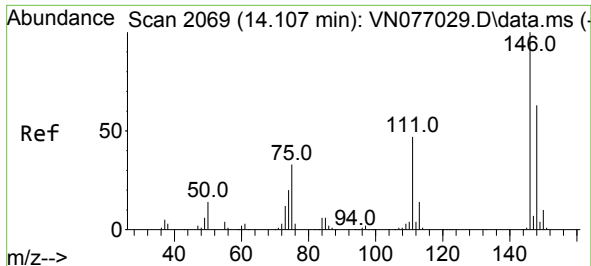
Tgt Ion: 117 Resp: 3688

Ion Ratio Lower Upper

117 100

201 67.2 32.5 97.4

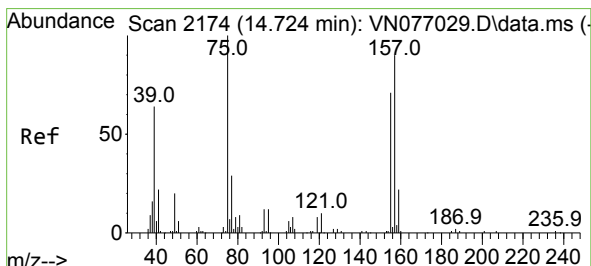
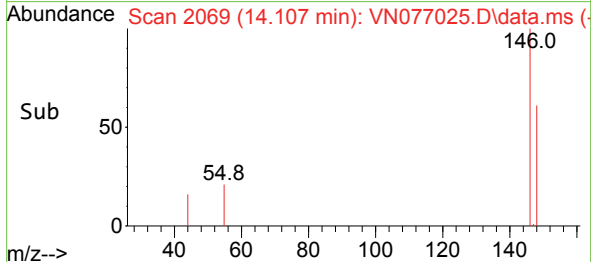
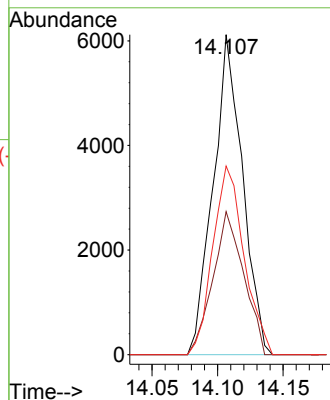
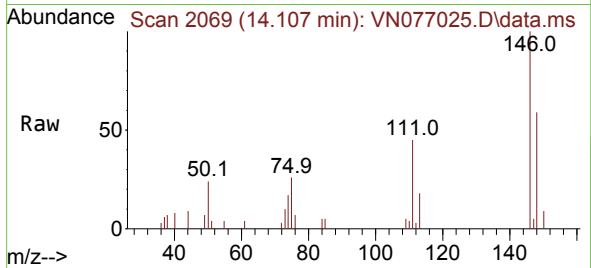




#91
1,2-Dichlorobenzene
Concen: 1.142 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

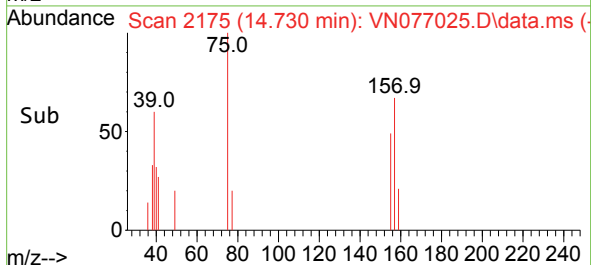
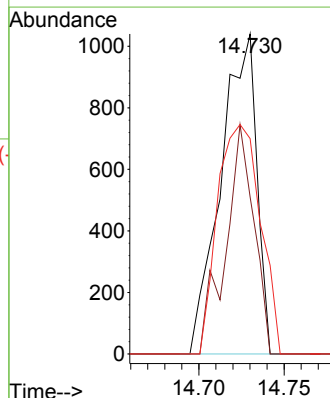
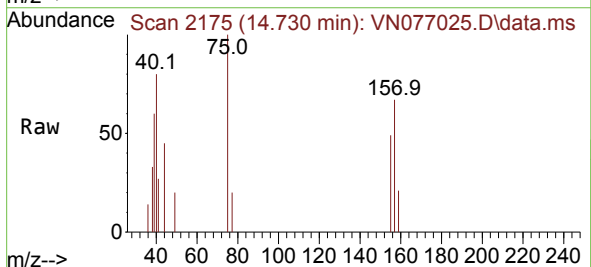
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

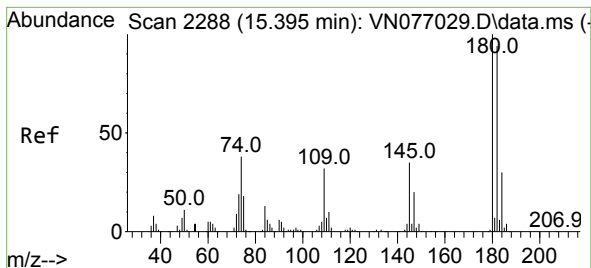
Tgt Ion:146 Resp: 9540
Ion Ratio Lower Upper
146 100
111 46.8 22.6 67.7
148 62.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.145 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
155 56.4 36.1 108.3
157 85.5 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 0.974 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

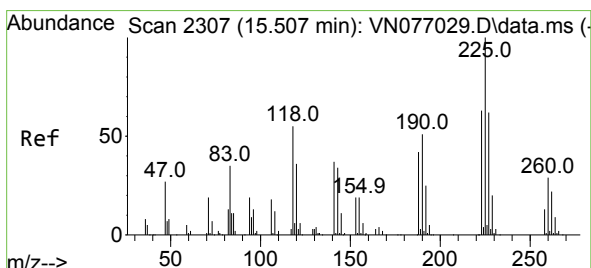
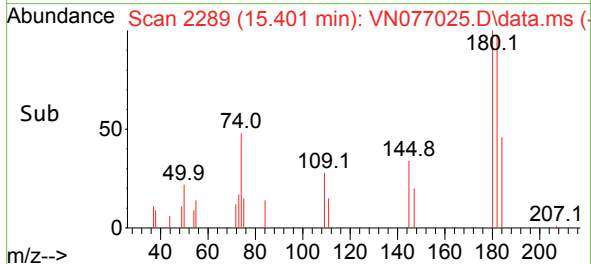
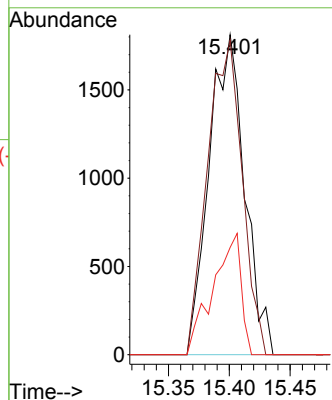
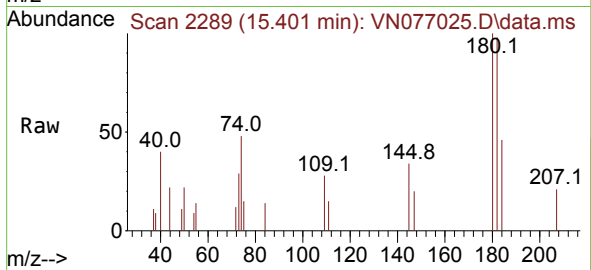
Tgt Ion:180 Resp: 3680

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 30.0 16.9 50.7



#94

Hexachlorobutadiene

Concen: 1.116 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

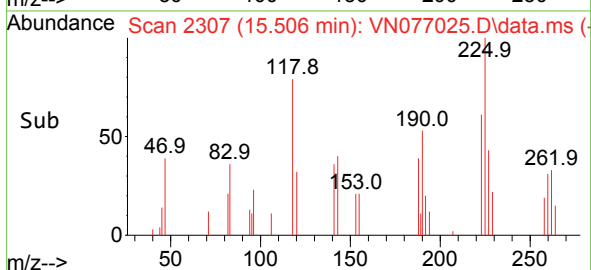
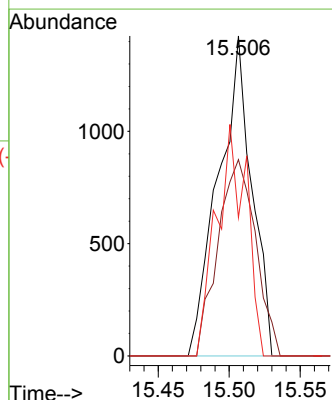
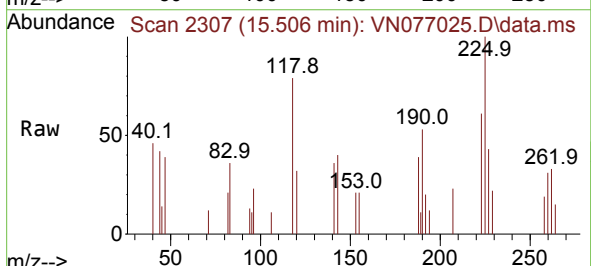
Tgt Ion:225 Resp: 2321

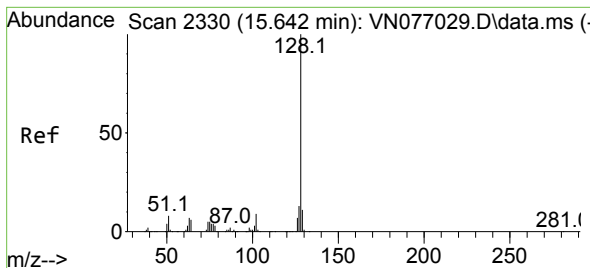
Ion Ratio Lower Upper

225 100

223 69.5 31.6 95.0

227 65.1 31.3 93.8





#95

Naphthalene

Concen: 2.524 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

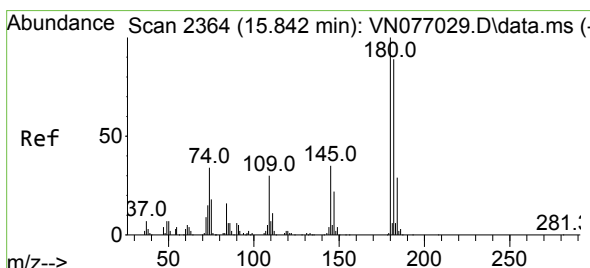
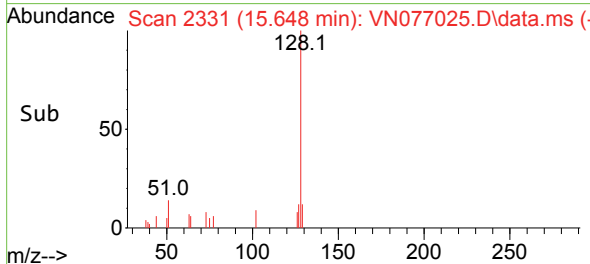
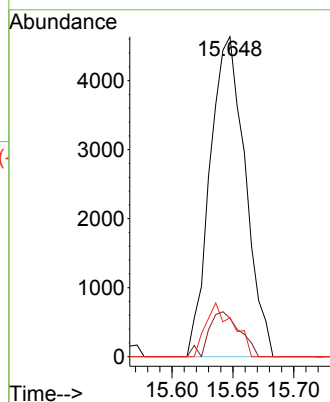
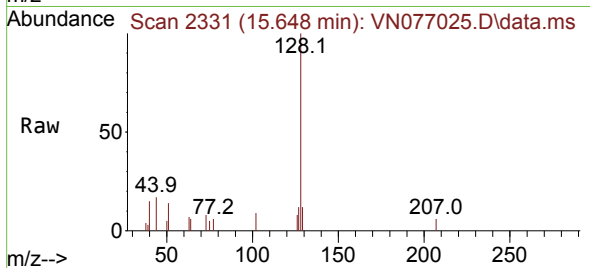
Tgt Ion:128 Resp: 9335

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 13.2 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.044 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Tgt Ion:180 Resp: 3958

Ion Ratio Lower Upper

180 100

182 96.8 47.4 142.2

145 31.0 17.9 53.8

