

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077100.D
 Acq On : 22 Mar 2023 12:04
 Operator : JC\MD
 Sample : VN0322WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	334702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	610473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	534988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	232354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	296733	55.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.000%	
35) Dibromofluoromethane	8.172	113	213664	49.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	10.572	98	783824	51.325	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.854	95	280497	51.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	48018	14.341	ug/l	99
3) Chloromethane	2.378	50	45438	13.474	ug/l	99
4) Vinyl Chloride	2.531	62	56355	15.482	ug/l	96
5) Bromomethane	2.966	94	50978	20.734	ug/l	96
6) Chloroethane	3.131	64	41628	18.073	ug/l	97
7) Trichlorofluoromethane	3.513	101	160313	20.472	ug/l	95
8) Diethyl Ether	3.978	74	62570	21.231	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	86500	19.473	ug/l	99
10) Methyl Iodide	4.601	142	97963	19.580	ug/l	99
11) Tert butyl alcohol	5.531	59	92194	118.342	ug/l	98
12) 1,1-Dichloroethene	4.354	96	79602	19.589	ug/l	96
13) Acrolein	4.196	56	103815	107.740	ug/l	98
14) Allyl chloride	5.037	41	168012	22.585	ug/l	93
15) Acrylonitrile	5.731	53	290458	110.904	ug/l	100
16) Acetone	4.443	43	260712	109.443	ug/l	98
17) Carbon Disulfide	4.731	76	210081	17.730	ug/l	96
18) Methyl Acetate	5.037	43	201452	22.426	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	314882	21.591	ug/l	100
20) Methylene Chloride	5.290	84	103169	19.955	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	90446	20.535	ug/l	95
22) Diisopropyl ether	6.678	45	362141	22.219	ug/l	97
23) Vinyl Acetate	6.613	43	1153066	112.108	ug/l	98
24) 1,1-Dichloroethane	6.578	63	190252	20.398	ug/l	99
25) 2-Butanone	7.489	43	394160	113.109	ug/l	100
26) 2,2-Dichloropropane	7.495	77	146026	20.808	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	104992	20.814	ug/l	99
28) Bromochloromethane	7.819	49	85473	21.102	ug/l	92
29) Tetrahydrofuran	7.842	42	254944	112.899	ug/l	97
30) Chloroform	7.972	83	183179	20.235	ug/l	99
31) Cyclohexane	8.266	56	166555	19.041	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	153077	19.785	ug/l	97
36) 1,1-Dichloropropene	8.378	75	129204	19.349	ug/l	99
37) Ethyl Acetate	7.572	43	156411	21.892	ug/l	99
38) Carbon Tetrachloride	8.366	117	128981	19.831	ug/l	98
39) Methylcyclohexane	9.607	83	145509	18.617	ug/l	95
40) Benzene	8.613	78	397814	19.644	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	87205	22.657	ug/l	99
42) 1,2-Dichloroethane	8.672	62	151835	20.748	ug/l	99
43) Isopropyl Acetate	8.695	43	244297	21.889	ug/l	98
44) Trichloroethene	9.354	130	83567	17.965	ug/l	91
45) 1,2-Dichloropropane	9.625	63	111171	20.669	ug/l	96
46) Dibromomethane	9.713	93	67417	19.874	ug/l	99
47) Bromodichloromethane	9.889	83	142902	20.086	ug/l	98
48) Methyl methacrylate	9.683	41	117956	22.107	ug/l	97
49) 1,4-Dioxane	9.701	88	38473	422.169	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	775432	111.571	ug/l	98
52) Toluene	10.630	92	241460	19.969	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	143331	20.555	ug/l	95
54) cis-1,3-Dichloropropene	10.319	75	158952	20.204	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	96667	20.274	ug/l	98
56) Ethyl methacrylate	10.878	69	152528	21.273	ug/l #	92
57) 1,3-Dichloropropane	11.166	76	174618	20.003	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	280847	91.879	ug/l	98
59) 2-Hexanone	11.195	43	557638	110.620	ug/l	96
60) Dibromochloromethane	11.360	129	96564	20.161	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93110	19.692	ug/l	97
64) Tetrachloroethene	11.107	164	65744	18.310	ug/l	98
65) Chlorobenzene	11.895	112	234276	19.032	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	87597	19.232	ug/l	97
67) Ethyl Benzene	11.966	91	446158	19.955	ug/l	99
68) m/p-Xylenes	12.072	106	335803	40.497	ug/l	100
69) o-Xylene	12.401	106	163942	19.898	ug/l	99
70) Styrene	12.413	104	266083	20.743	ug/l	98
71) Bromoform	12.577	173	63064	20.433	ug/l #	99
73) Isopropylbenzene	12.701	105	424054	20.365	ug/l	99
74) N-amyl acetate	12.495	43	200718	22.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151980	20.146	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	186912	31.099	ug/l	42
77) Bromobenzene	12.983	156	89093	19.100	ug/l	96
78) n-propylbenzene	13.036	91	502640	20.910	ug/l	99
79) 2-Chlorotoluene	13.124	91	316658	20.674	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	366778	21.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	48648	22.280	ug/l	91
82) 4-Chlorotoluene	13.224	91	297384	20.418	ug/l	99
83) tert-Butylbenzene	13.442	119	302181	20.702	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	362392	20.888	ug/l	100
85) sec-Butylbenzene	13.619	105	433796	20.892	ug/l	100
86) p-Isopropyltoluene	13.730	119	345879	20.743	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	170100	19.294	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	164449	18.748	ug/l	98
89) n-Butylbenzene	14.060	91	292323	19.984	ug/l	99
90) Hexachloroethane	14.336	117	65384	19.286	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	170227	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	28918	20.687	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	74728	18.811	ug/l	99
94) Hexachlorobutadiene	15.507	225	40800	18.649	ug/l	100
95) Naphthalene	15.642	128	260238	18.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	75290	18.888	ug/l	98

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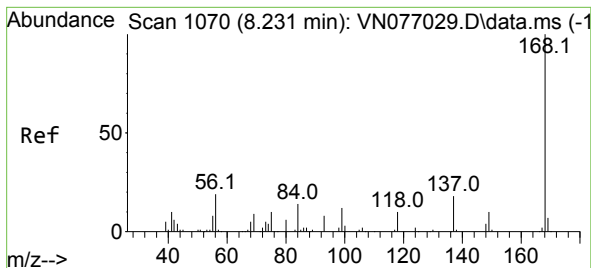
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

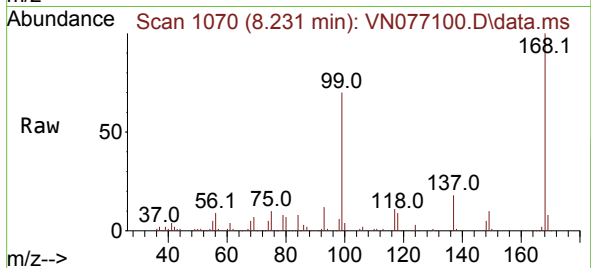
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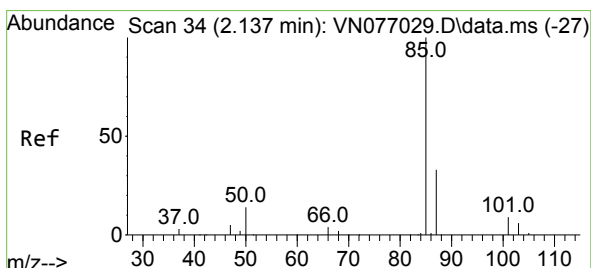
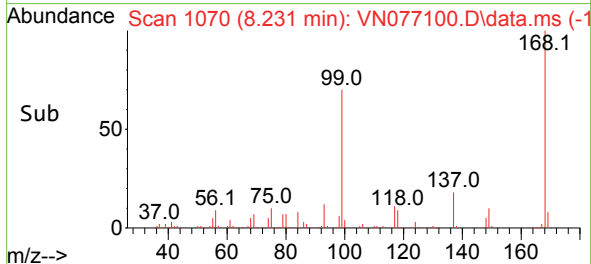
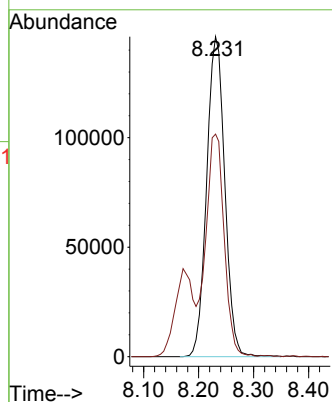


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077100.D
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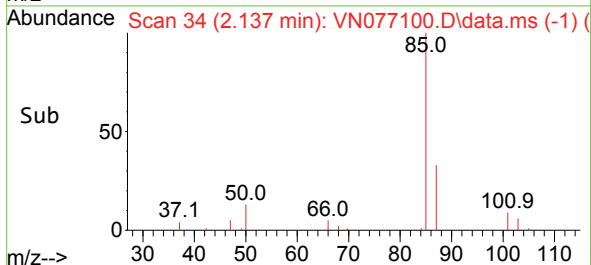
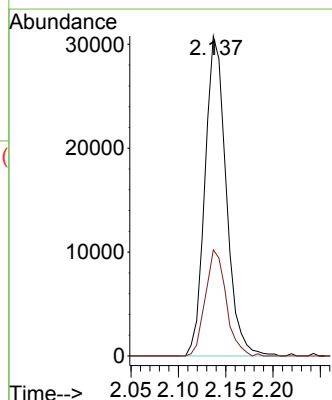
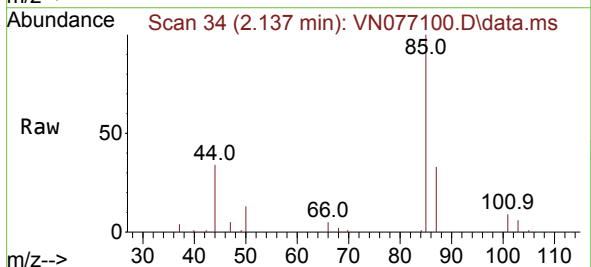


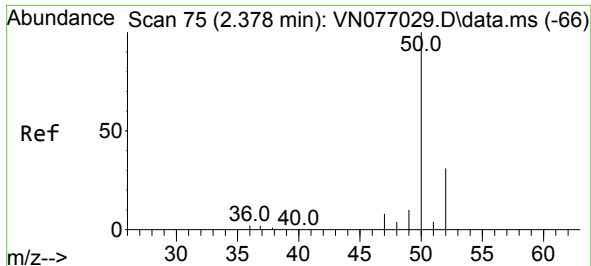
Tgt Ion:168 Resp: 334702
Ion Ratio Lower Upper
168 100
99 69.3 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 14.341 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 85 Resp: 48018
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

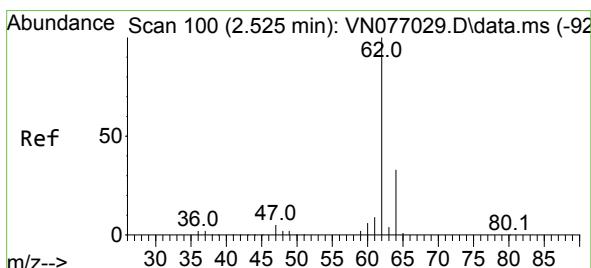
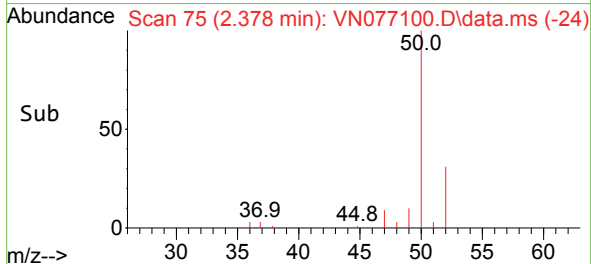
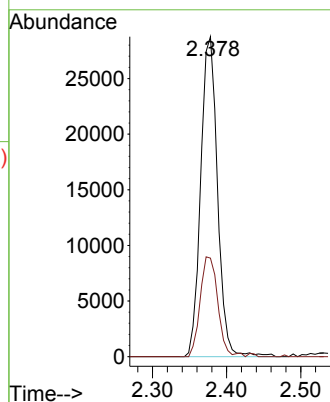
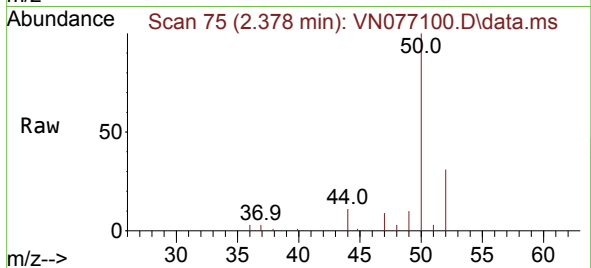




#3
 Chloromethane
 Concen: 13.474 ug/l
 RT: 2.378 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

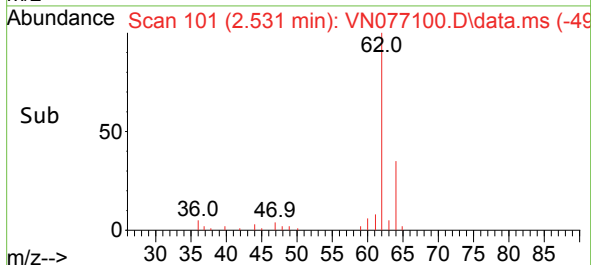
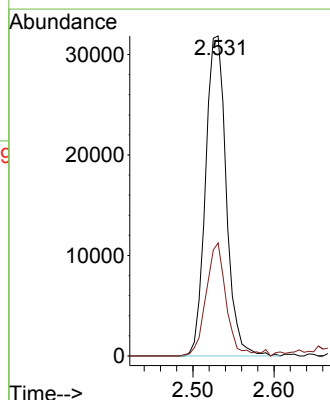
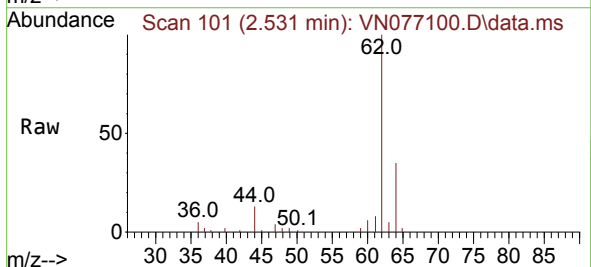
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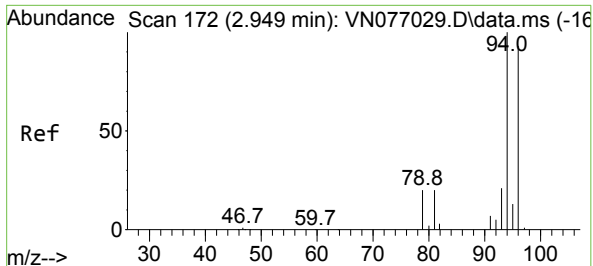
Tgt Ion: 50 Resp: 45438
 Ion Ratio Lower Upper
 50 100
 52 30.8 25.1 37.7



#4
 Vinyl Chloride
 Concen: 15.482 ug/l
 RT: 2.531 min Scan# 101
 Delta R.T. 0.006 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion: 62 Resp: 56355
 Ion Ratio Lower Upper
 62 100
 64 35.3 26.6 40.0

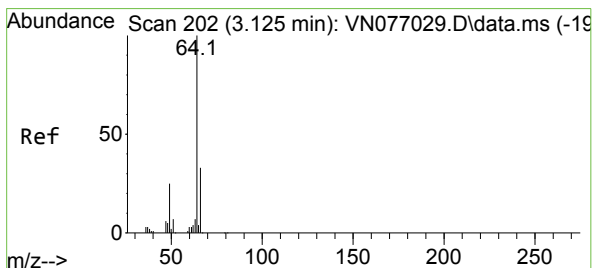
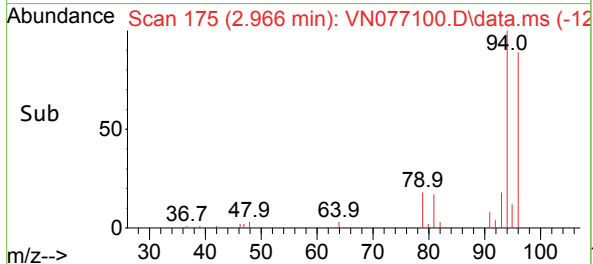
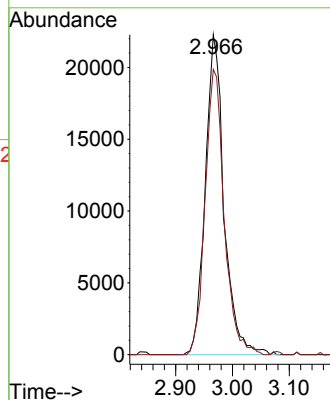
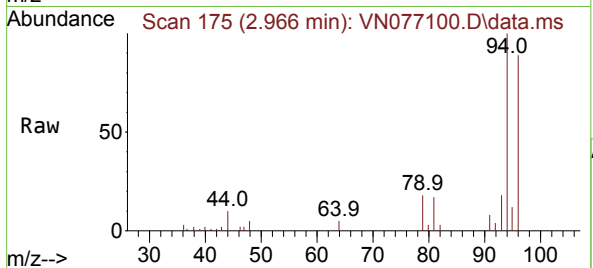




#5
Bromomethane
Concen: 20.734 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

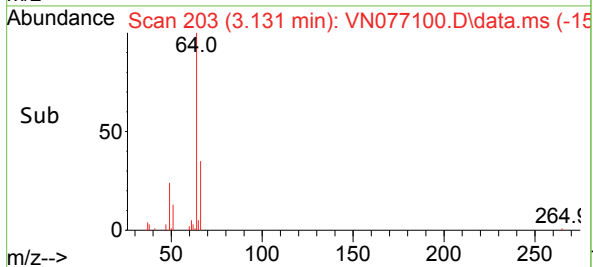
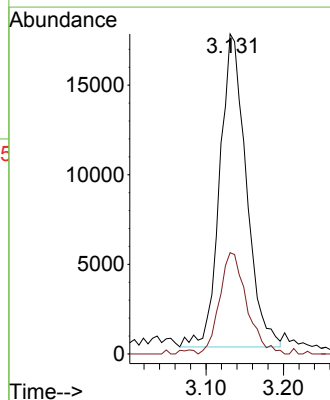
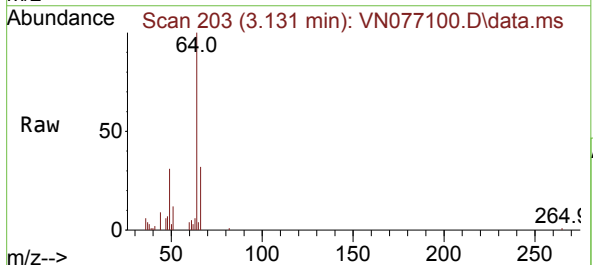
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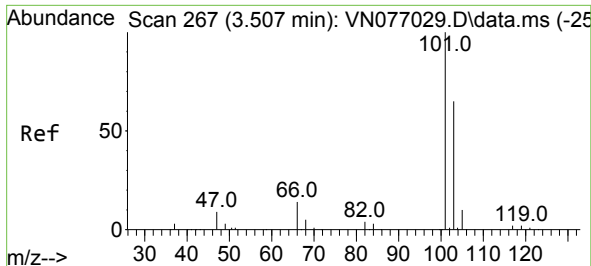
Tgt Ion: 94 Resp: 50978
Ion Ratio Lower Upper
94 100
96 89.2 74.1 111.1



#6
Chloroethane
Concen: 18.073 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 64 Resp: 41628
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5

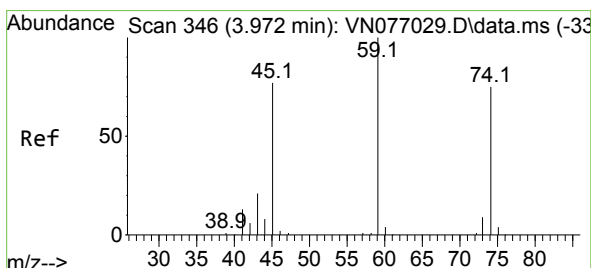
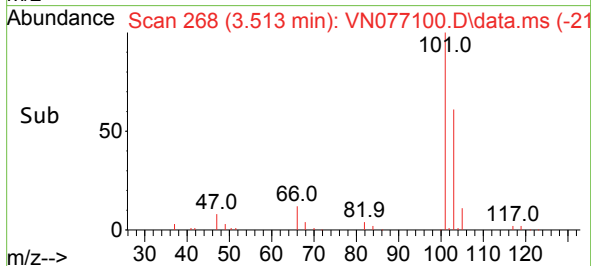
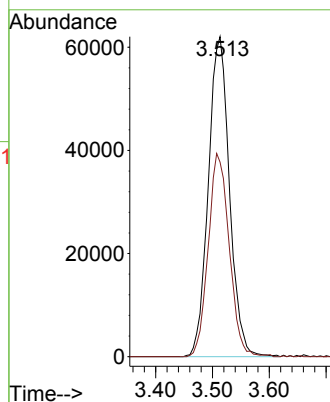
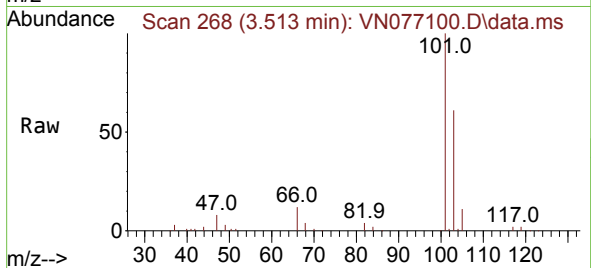




#7
Trichlorofluoromethane
Concen: 20.472 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

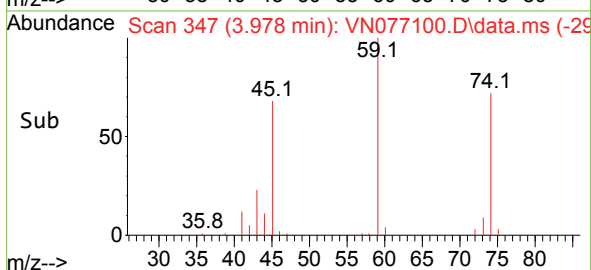
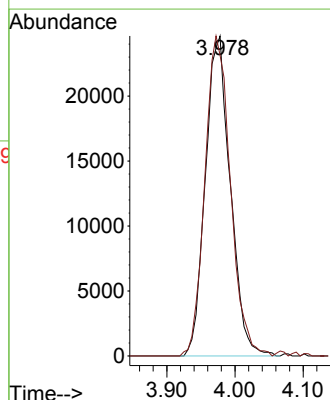
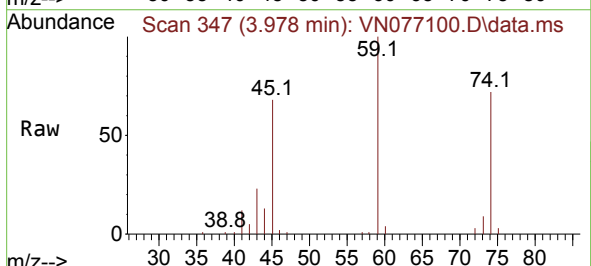
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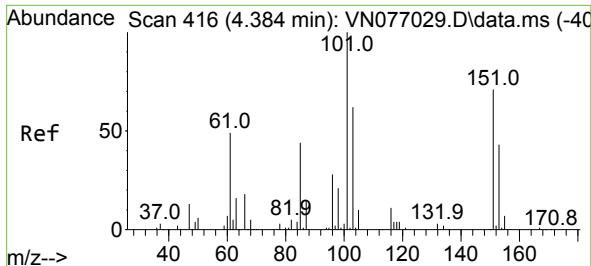
Tgt Ion:101 Resp: 160313
Ion Ratio Lower Upper
101 100
103 60.8 51.8 77.6



#8
Diethyl Ether
Concen: 21.231 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 74 Resp: 62570
Ion Ratio Lower Upper
74 100
45 102.8 50.8 152.5

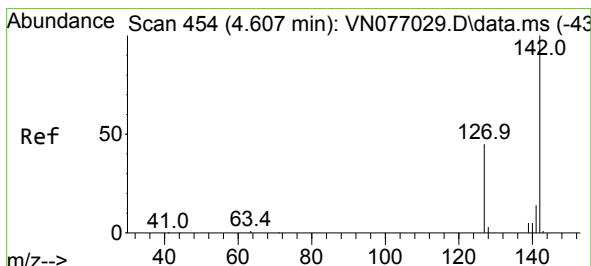
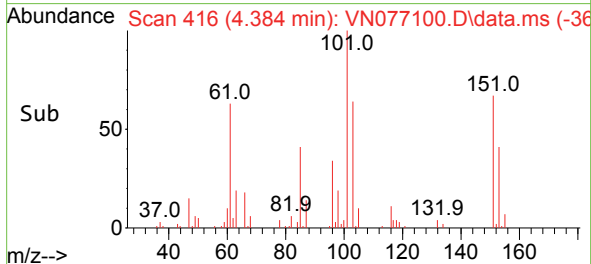
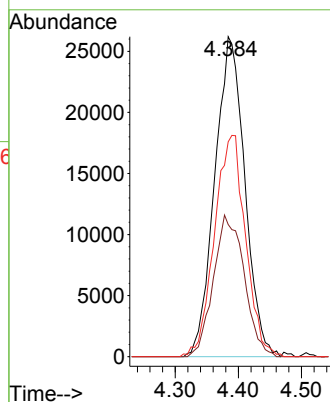
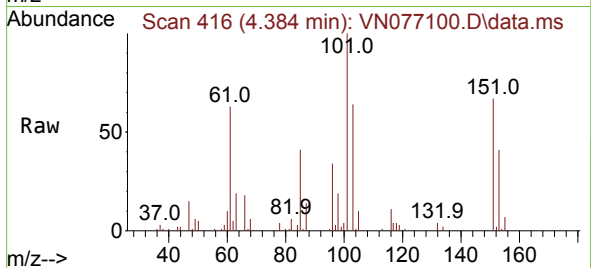




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.473 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077100.D
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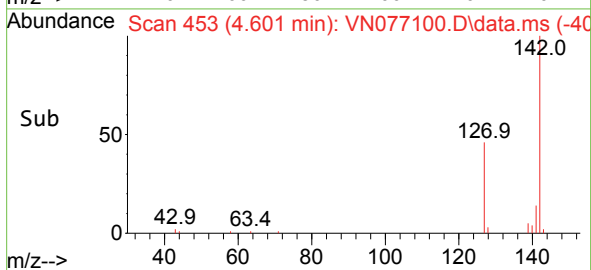
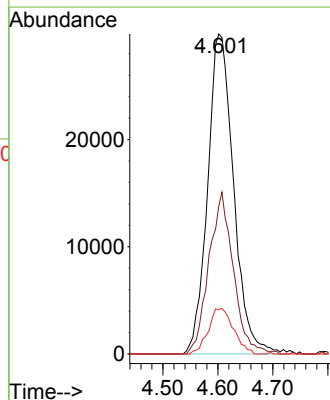
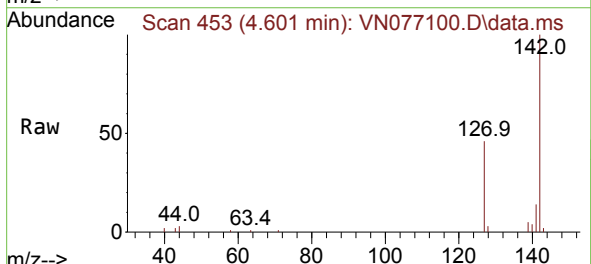
Instrument :
MSVOA_N
ClientSampleId :

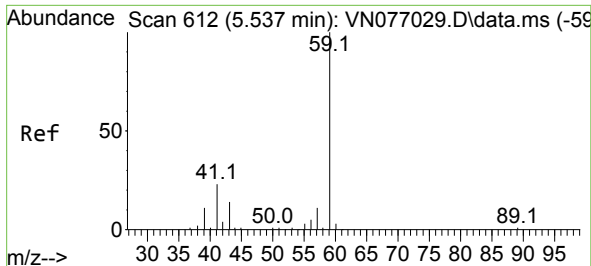
Tgt Ion:101 Resp: 86500
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 71.6 56.9 85.3



#10
Methyl Iodide
Concen: 19.580 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:142 Resp: 97963
Ion Ratio Lower Upper
142 100
127 46.1 36.1 54.1
141 13.9 10.8 16.2

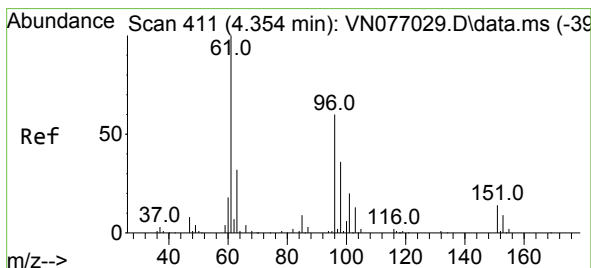
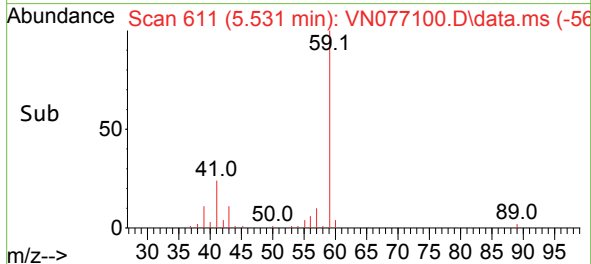
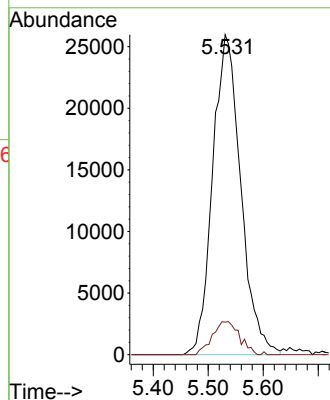
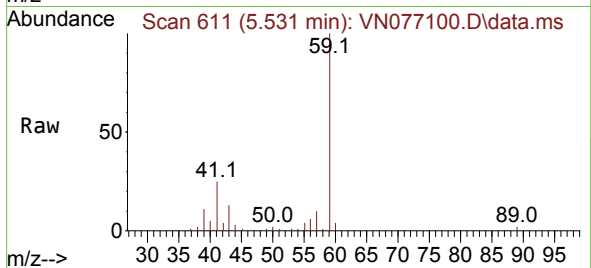




#11
Tert butyl alcohol
Concen: 118.342 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

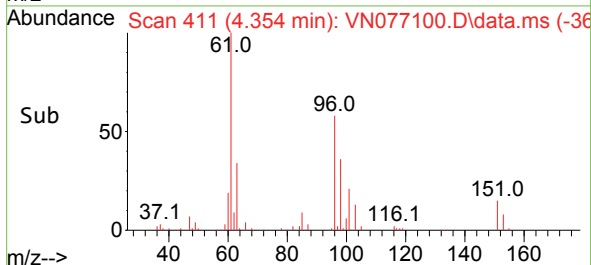
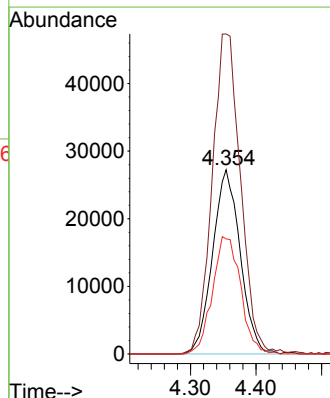
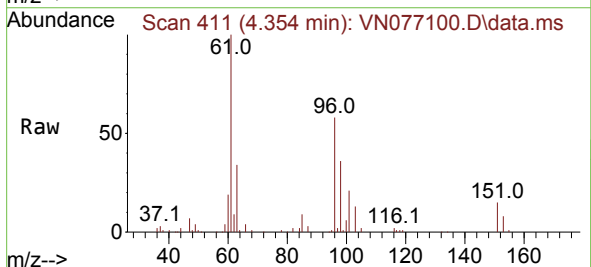
Instrument :
MSVOA_N
ClientSampleId :

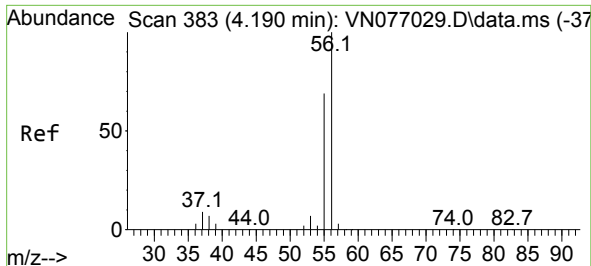
Tgt Ion: 59 Resp: 92194
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.589 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 96 Resp: 79602
Ion Ratio Lower Upper
96 100
61 173.8 133.8 200.8
98 62.5 48.6 72.8

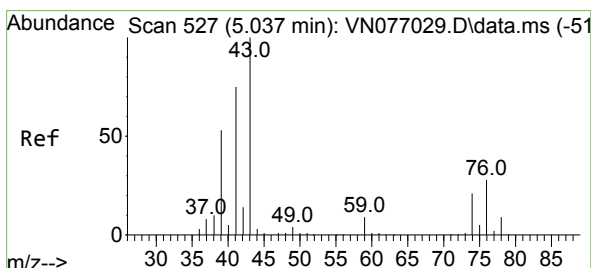
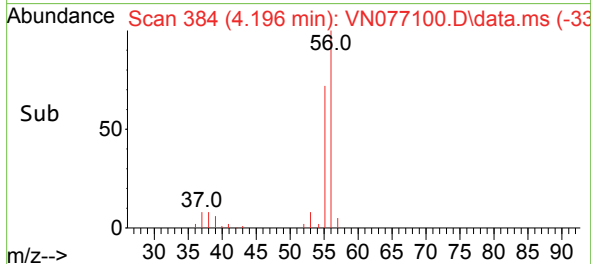
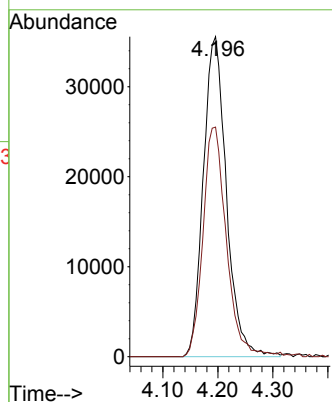
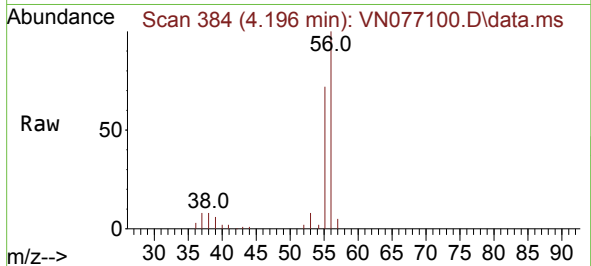




#13
Acrolein
Concen: 107.740 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

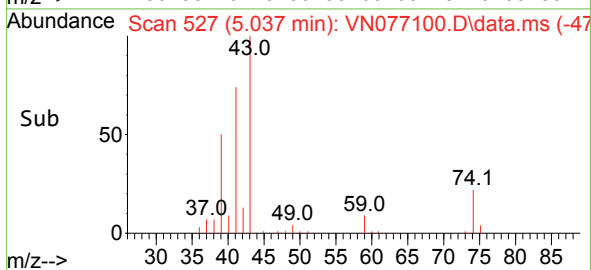
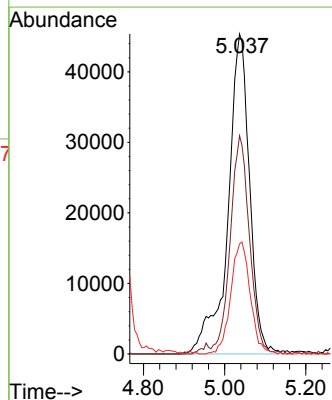
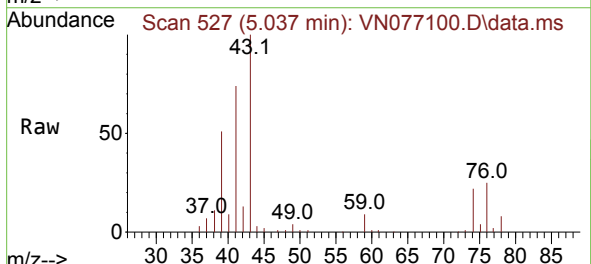
Instrument :
MSVOA_N
ClientSampleId :

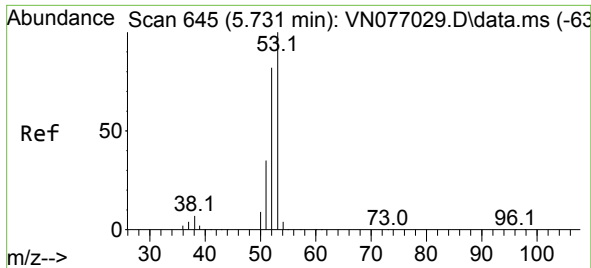
Tgt Ion: 56 Resp: 103815
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.6



#14
Allyl chloride
Concen: 22.585 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 41 Resp: 168012
Ion Ratio Lower Upper
41 100
39 60.5 53.8 80.8
76 31.5 26.7 40.1

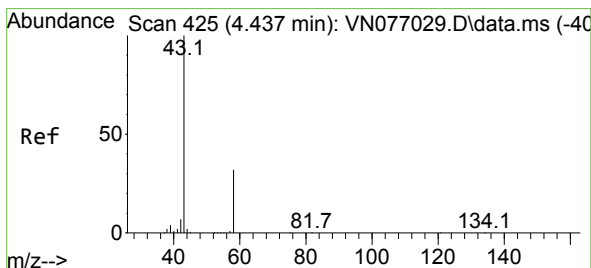
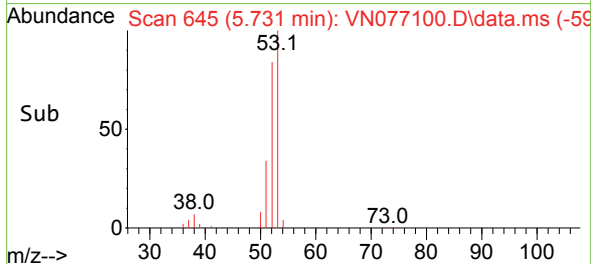
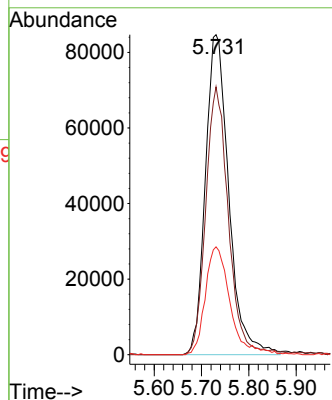
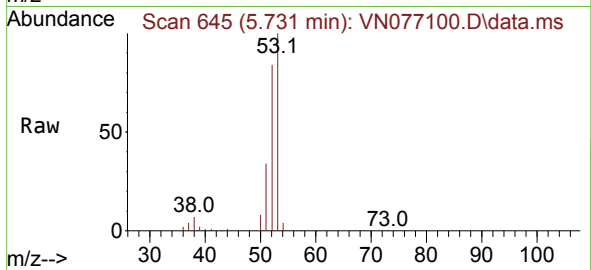




#15
Acrylonitrile
Concen: 110.904 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

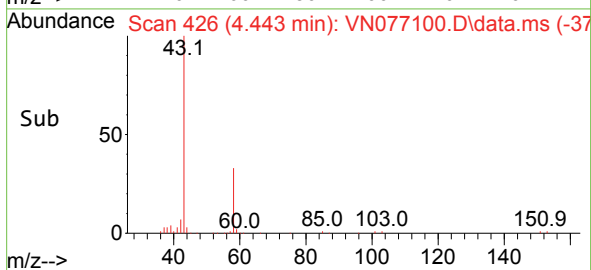
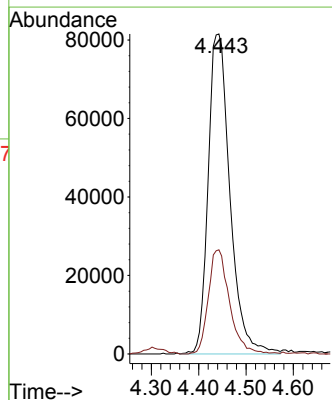
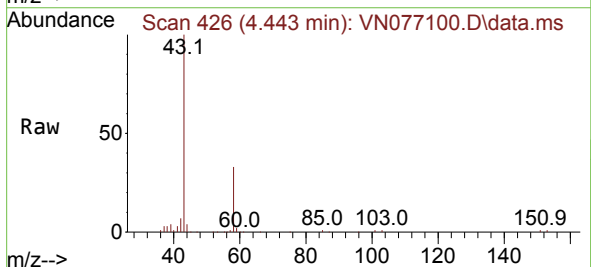
Instrument :
MSVOA_N
ClientSampleId :

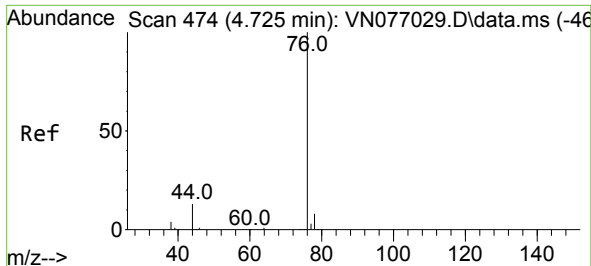
Tgt Ion: 53 Resp: 290458
Ion Ratio Lower Upper
53 100
52 81.2 64.6 97.0
51 35.5 28.3 42.5



#16
Acetone
Concen: 109.443 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 43 Resp: 260712
Ion Ratio Lower Upper
43 100
58 32.6 25.4 38.0

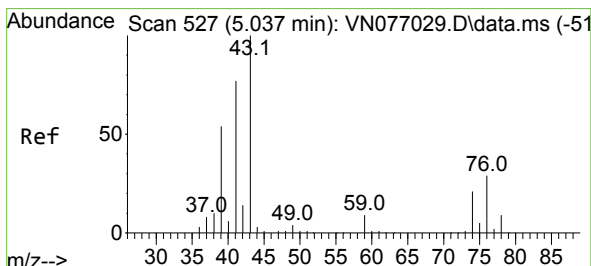
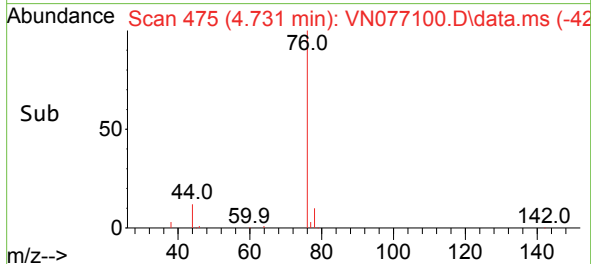
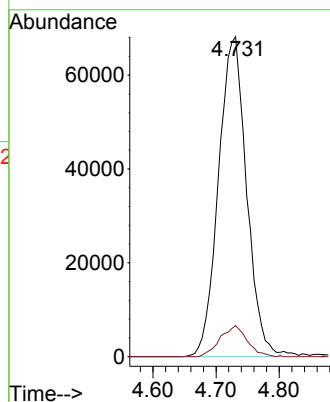
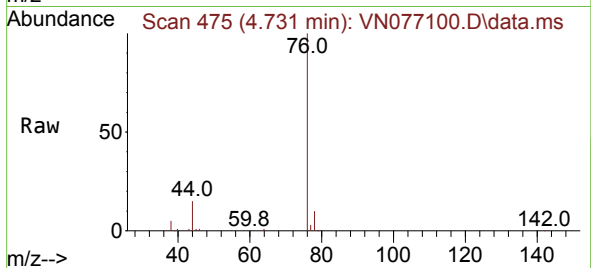




#17
Carbon Disulfide
Concen: 17.730 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

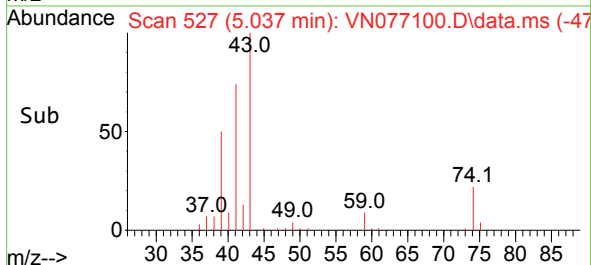
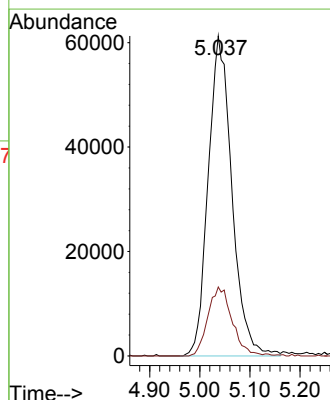
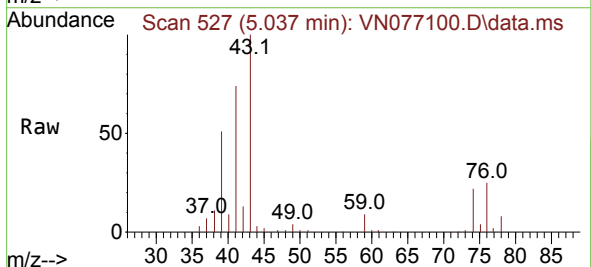
Instrument :
MSVOA_N
ClientSampleId :

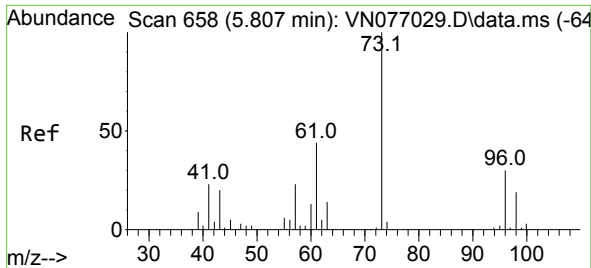
Tgt Ion: 76 Resp: 210081
Ion Ratio Lower Upper
76 100
78 9.7 6.6 10.0



#18
Methyl Acetate
Concen: 22.426 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 43 Resp: 201452
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

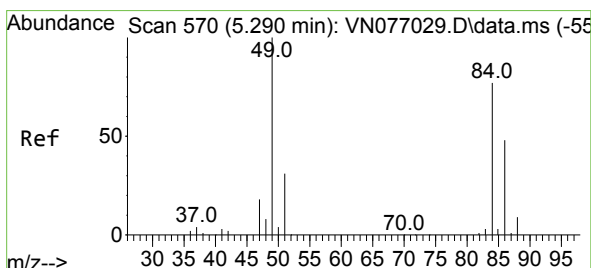
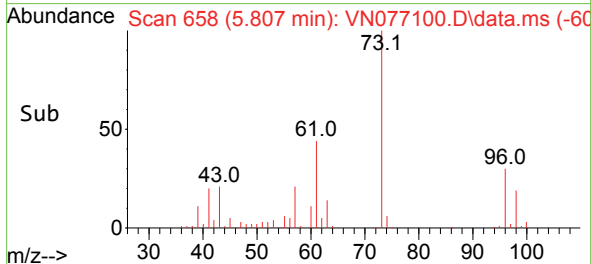
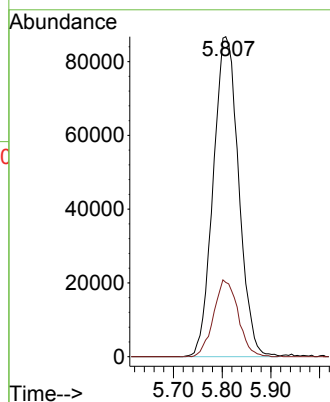
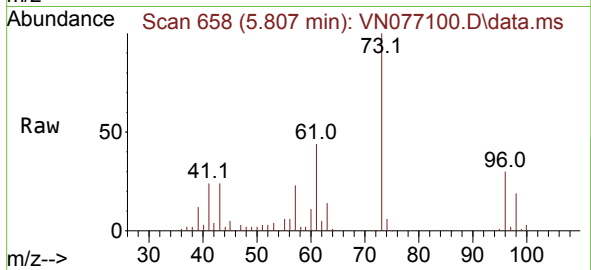




#19
Methyl tert-butyl Ether
Concen: 21.591 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

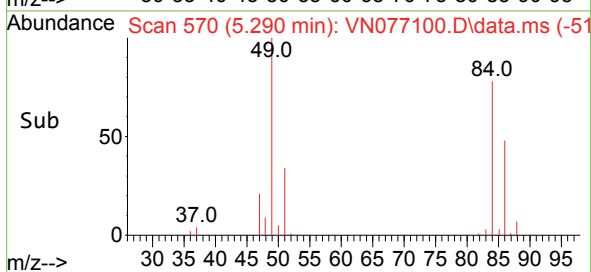
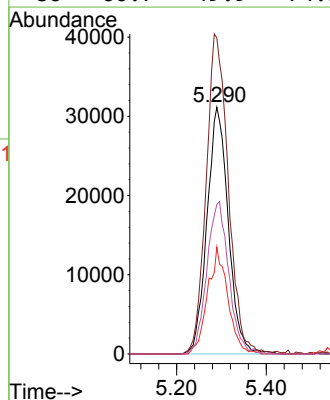
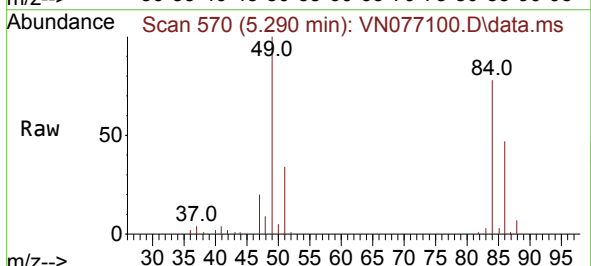
Instrument :
MSVOA_N
ClientSampleId :

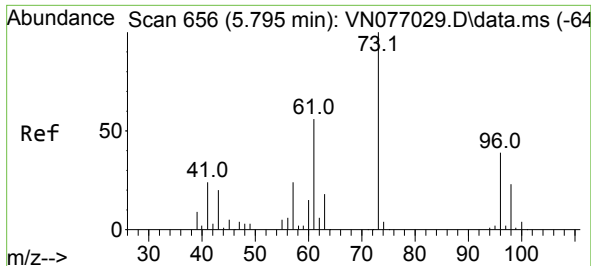
Tgt Ion: 73 Resp: 314882
Ion Ratio Lower Upper
73 100
57 23.2 18.7 28.1



#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 84 Resp: 103169
Ion Ratio Lower Upper
84 100
49 128.1 103.8 155.6
51 43.3 32.3 48.5
86 60.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.535 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

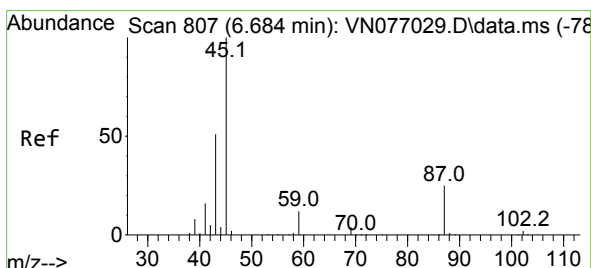
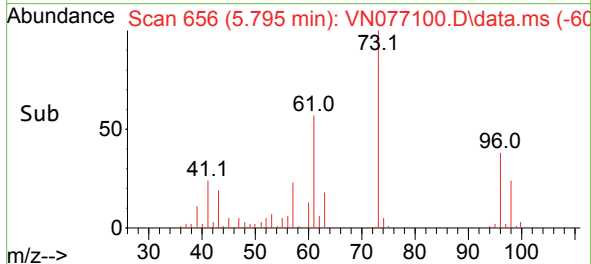
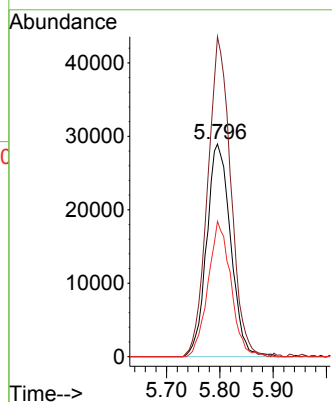
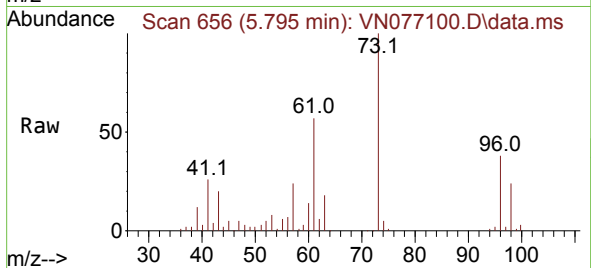
Tgt Ion: 96 Resp: 90446

Ion Ratio Lower Upper

96 100

61 150.5 115.8 173.6

98 63.7 48.2 72.2



#22

Diisopropyl ether

Concen: 22.219 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Tgt Ion: 45 Resp: 362141

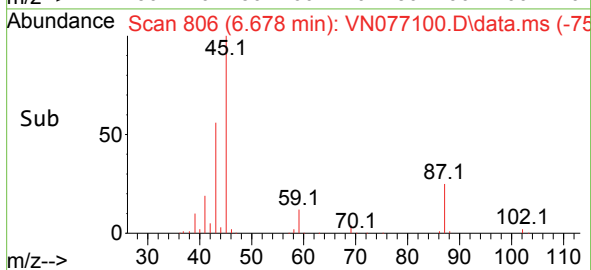
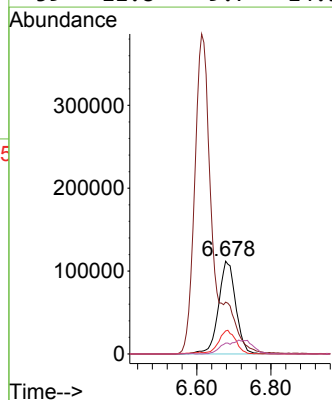
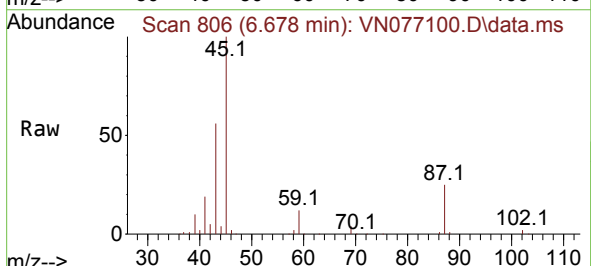
Ion Ratio Lower Upper

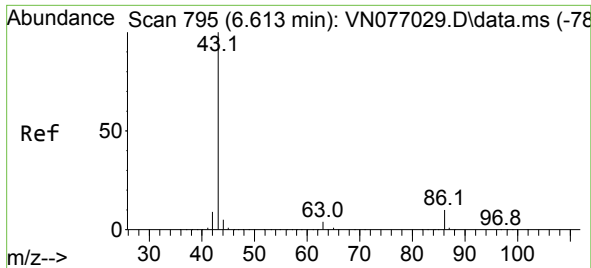
45 100

43 55.0 41.5 62.3

87 24.8 20.6 30.8

59 11.8 9.7 14.5

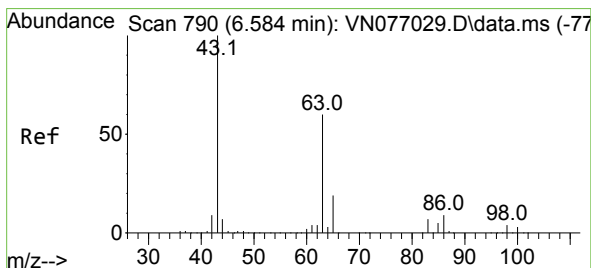
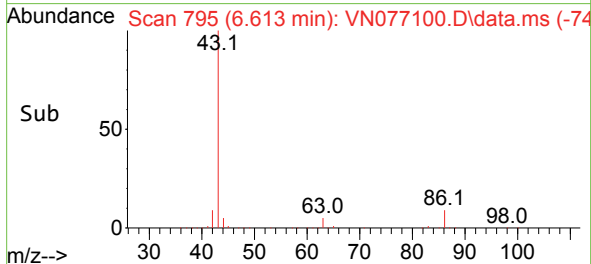
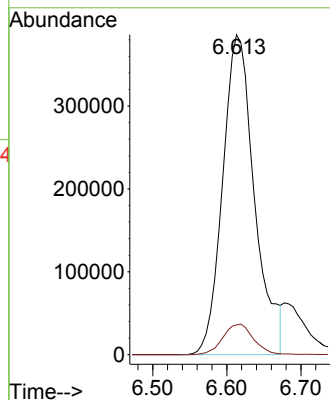
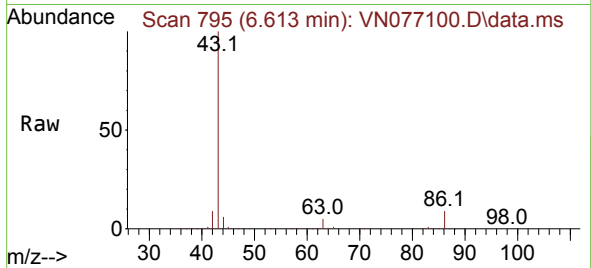




#23
 Vinyl Acetate
 Concen: 112.108 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

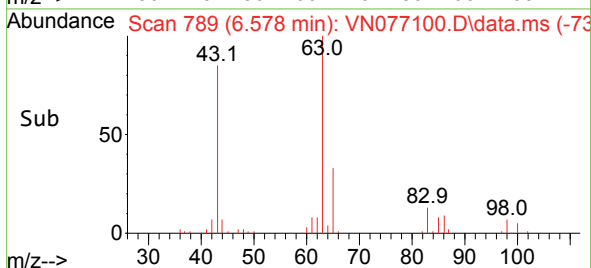
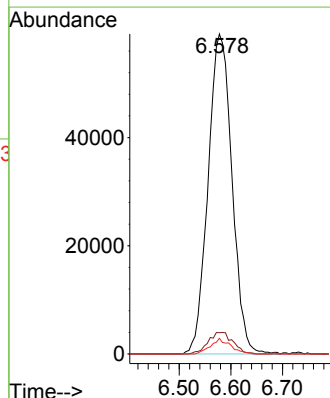
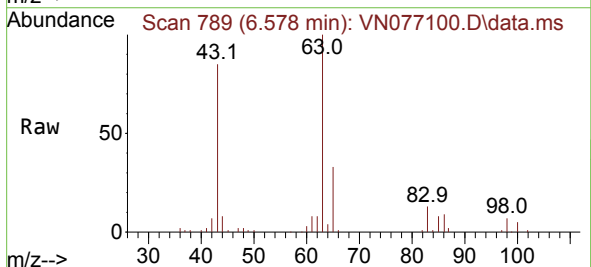
Instrument :
 MSVOA_N
 ClientSampleId :

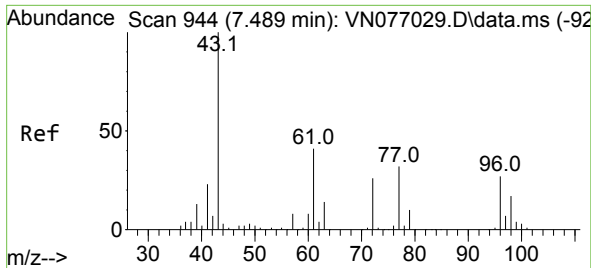
Tgt Ion: 43 Resp: 1153066
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.398 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion: 63 Resp: 190252
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.9 2.1 6.3

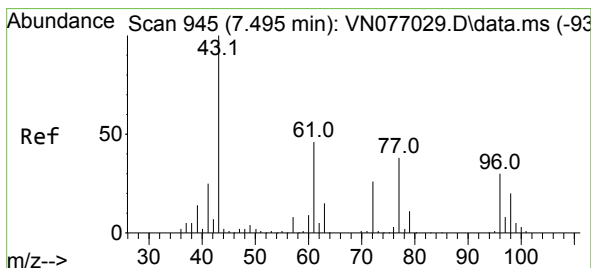
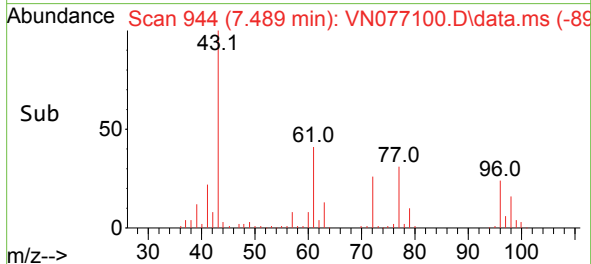
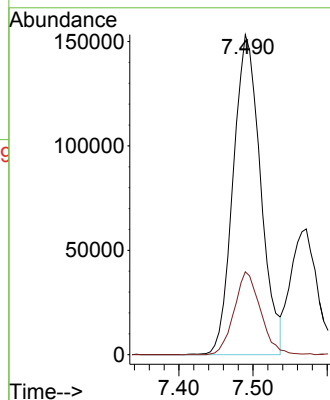
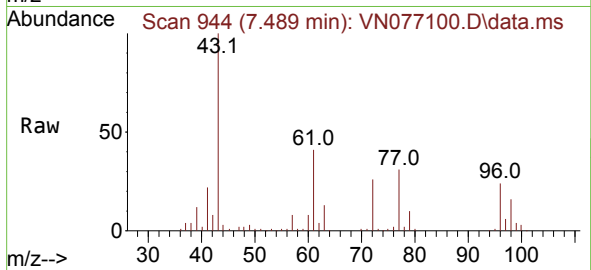




#25
2-Butanone
Concen: 113.109 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

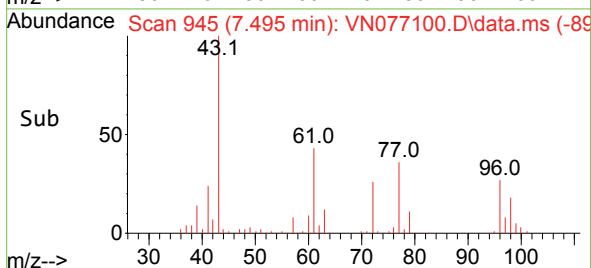
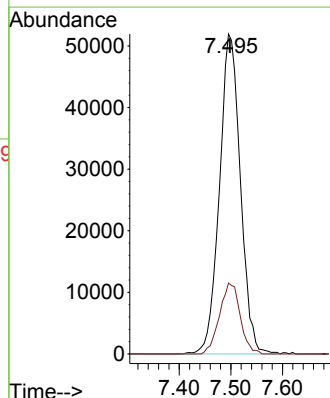
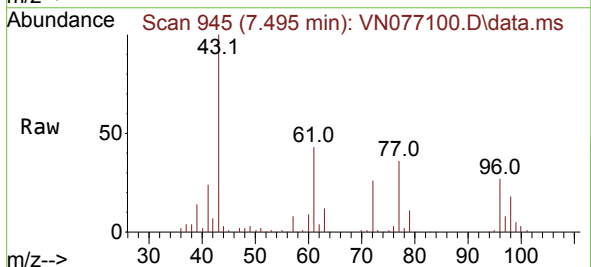
Instrument :
MSVOA_N
ClientSampleId :

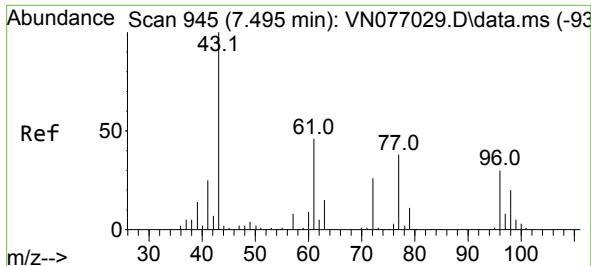
Tgt Ion: 43 Resp: 394160
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1



#26
2,2-Dichloropropane
Concen: 20.808 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 77 Resp: 146026
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9

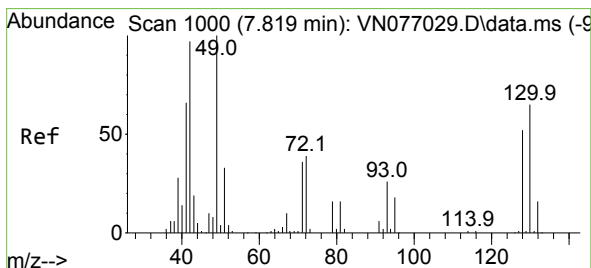
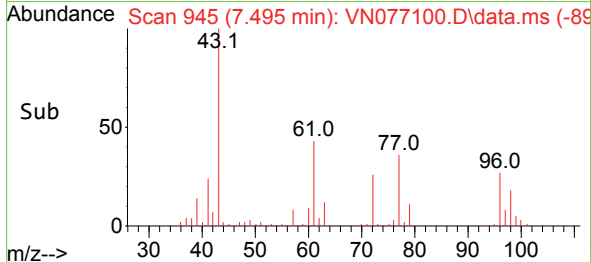
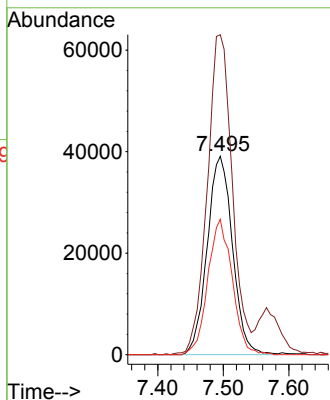
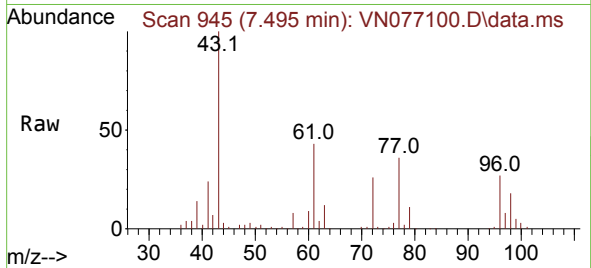




#27
 cis-1,2-Dichloroethene
 Concen: 20.814 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

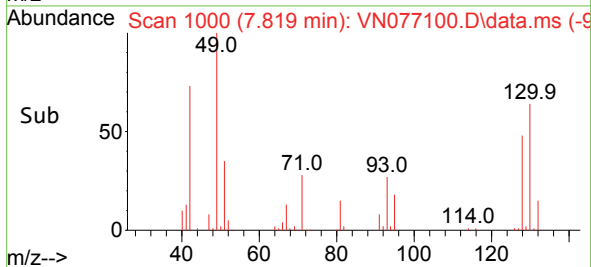
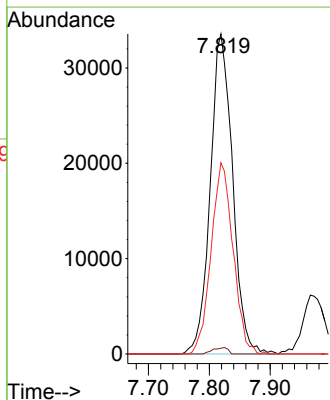
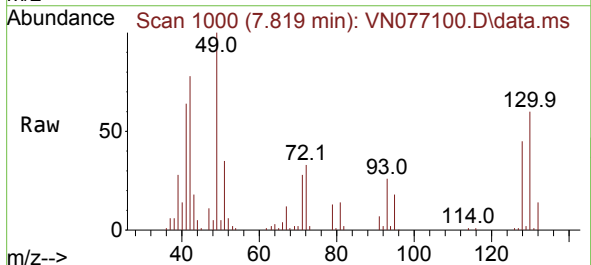
Instrument :
 MSVOA_N
 ClientSampleId :

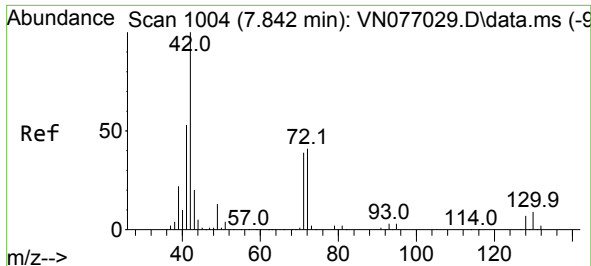
Tgt Ion: 96 Resp: 104992
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 315.4
 98 65.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.102 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion: 49 Resp: 85473
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.2
 130 58.8 51.9 77.9





#29

Tetrahydrofuran

Concen: 112.899 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

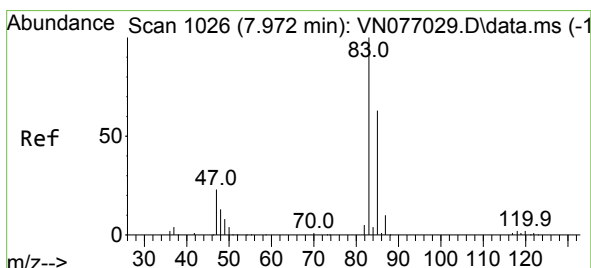
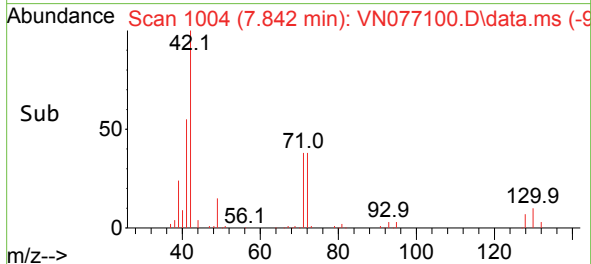
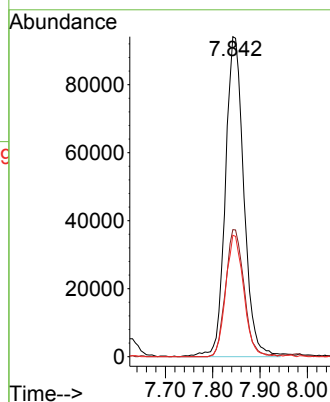
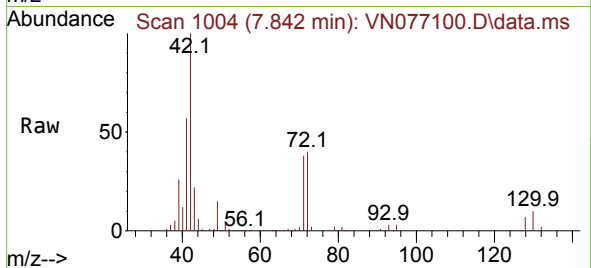
Tgt Ion: 42 Resp: 254944

Ion Ratio Lower Upper

42 100

72 39.8 33.2 49.8

71 37.1 31.0 46.4



#30

Chloroform

Concen: 20.235 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077100.D

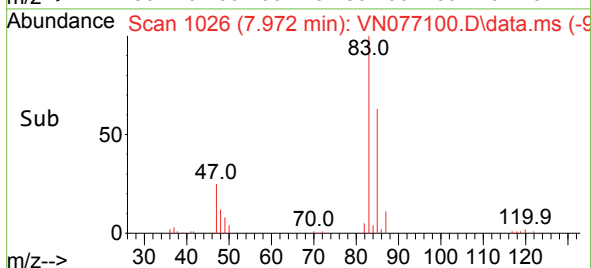
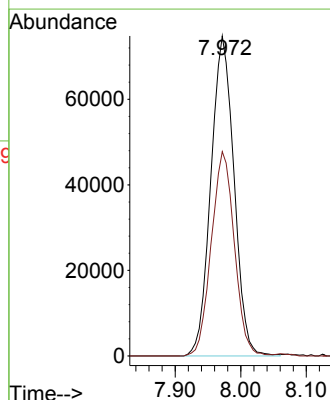
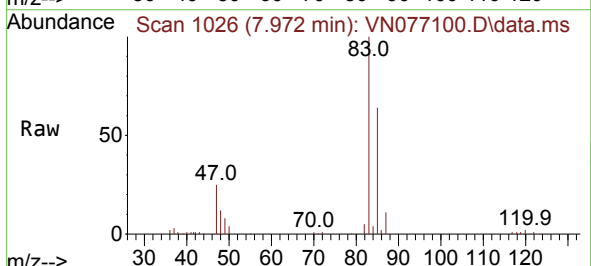
Acq: 22 Mar 2023 12:04

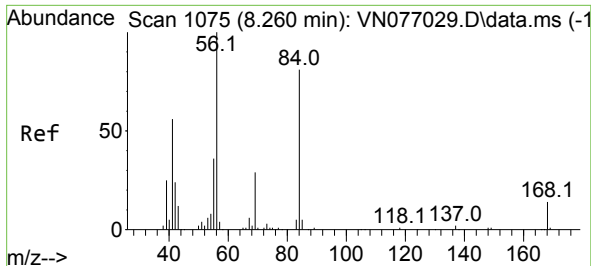
Tgt Ion: 83 Resp: 183179

Ion Ratio Lower Upper

83 100

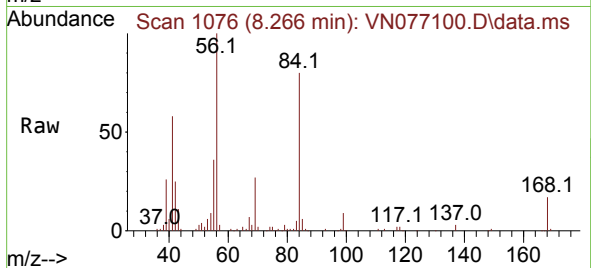
85 63.9 50.6 75.8



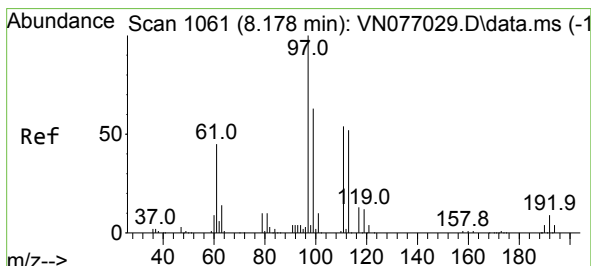
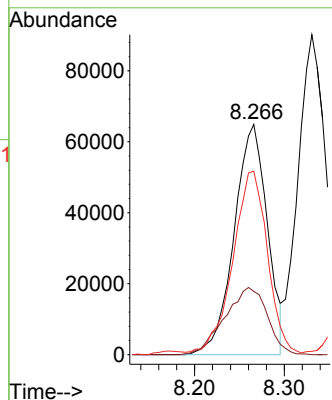
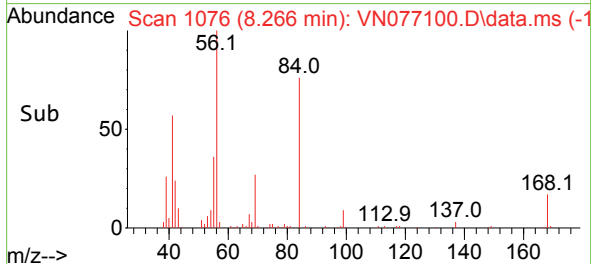


#31
Cyclohexane
Concen: 19.041 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :

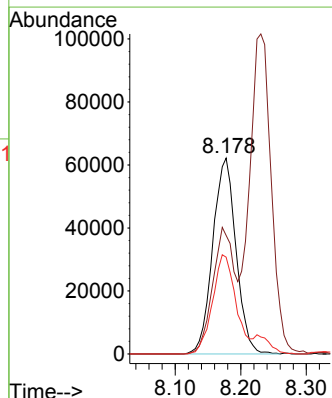
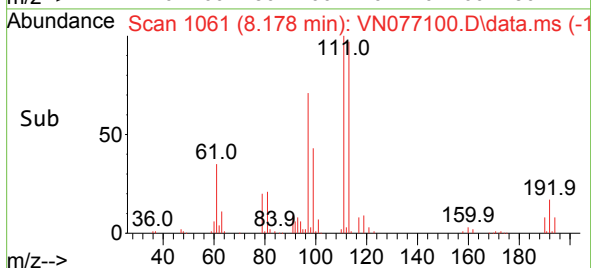
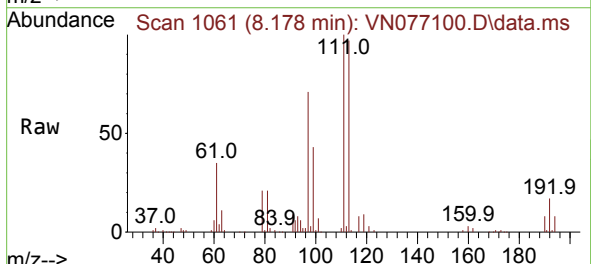


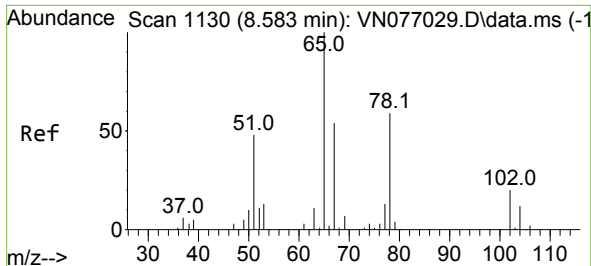
Tgt Ion: 56 Resp: 166555
Ion Ratio Lower Upper
56 100
69 27.4 22.8 34.2
84 78.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.785 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 97 Resp: 153077
Ion Ratio Lower Upper
97 100
99 60.1 50.2 75.2
61 50.5 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 55.503 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

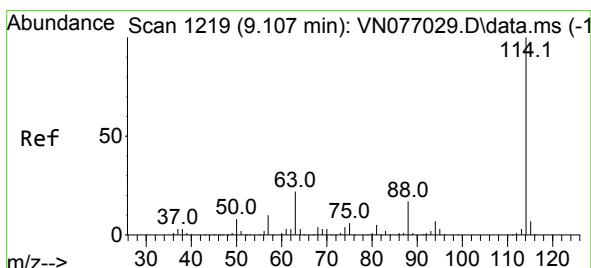
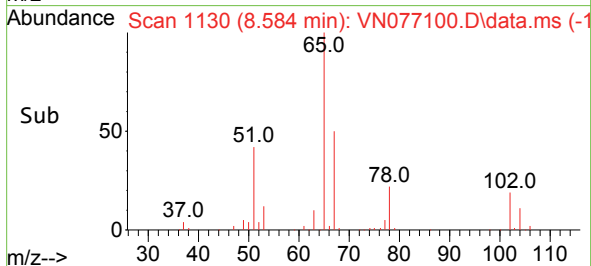
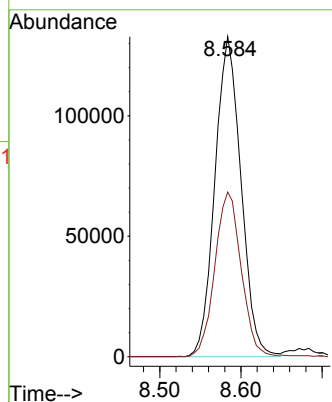
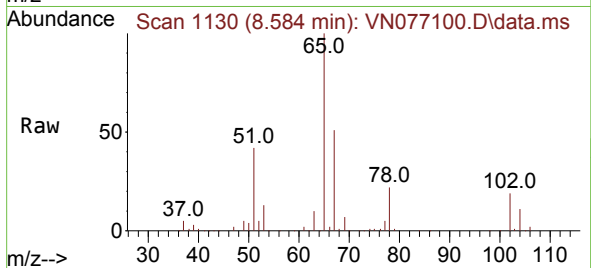
ClientSampleId :

Tgt Ion: 65 Resp: 296733

Ion Ratio Lower Upper

65 100

67 52.0 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: VN077100.D

Acq: 22 Mar 2023 12:04

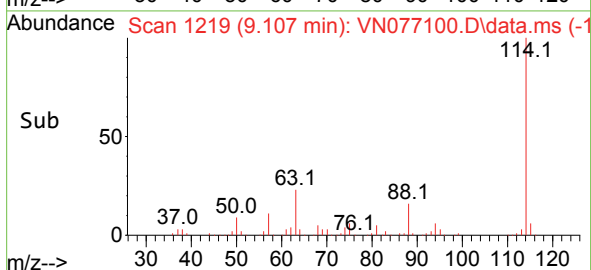
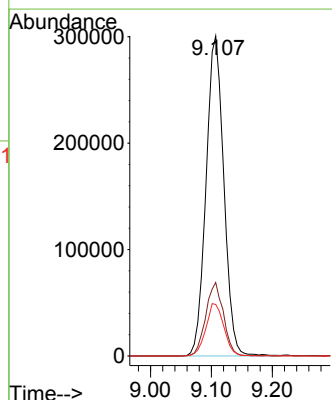
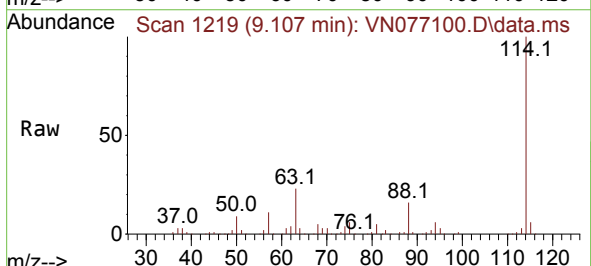
Tgt Ion:114 Resp: 610473

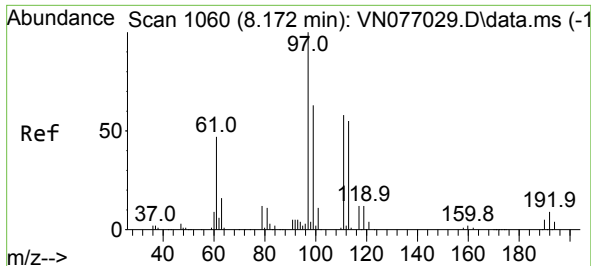
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 16.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.977 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

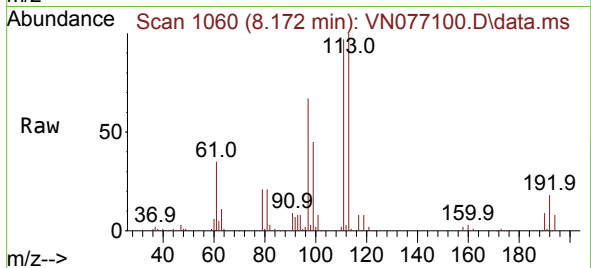
Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :



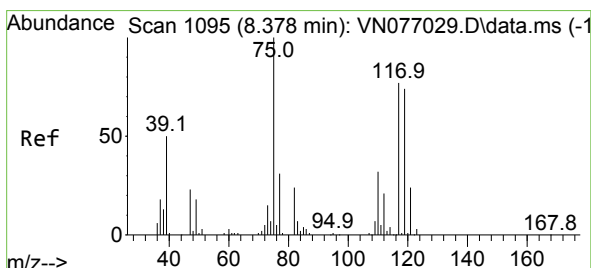
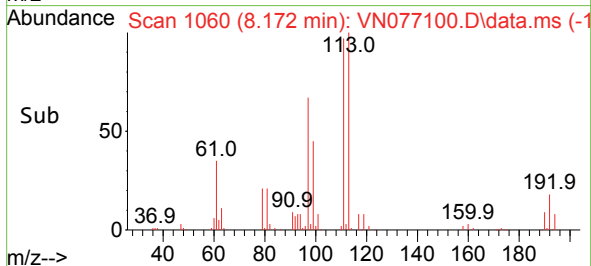
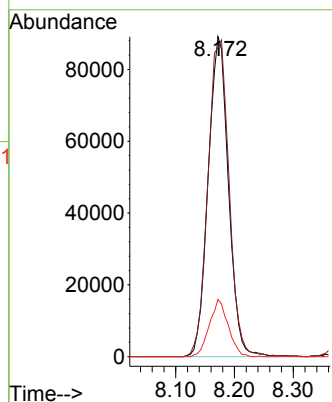
Tgt Ion:113 Resp: 213664

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 16.6 13.0 19.6



#36

1,1-Dichloropropene

Concen: 19.349 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

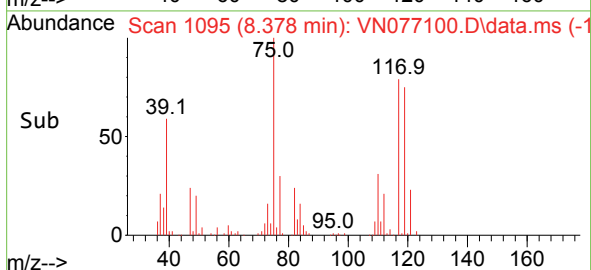
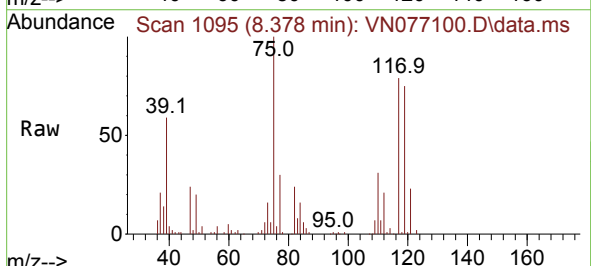
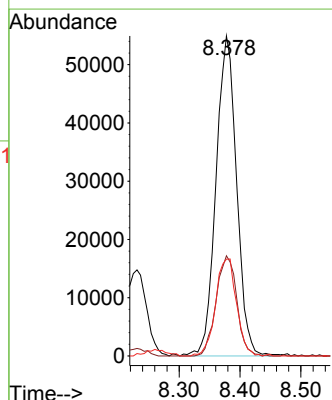
Tgt Ion: 75 Resp: 129204

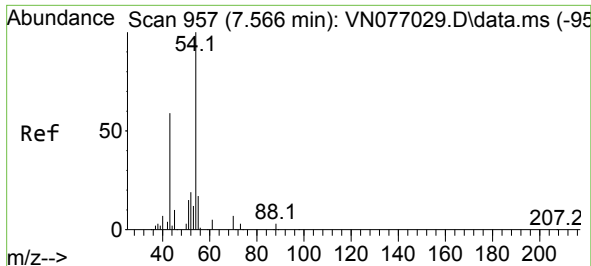
Ion Ratio Lower Upper

75 100

110 31.4 15.9 47.7

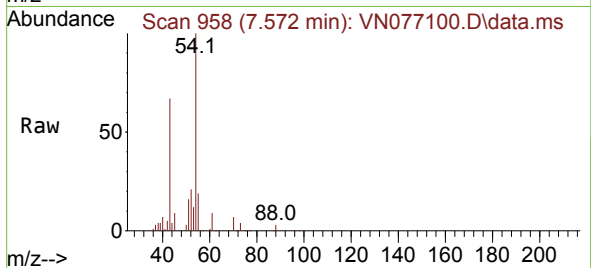
77 30.8 24.3 36.5



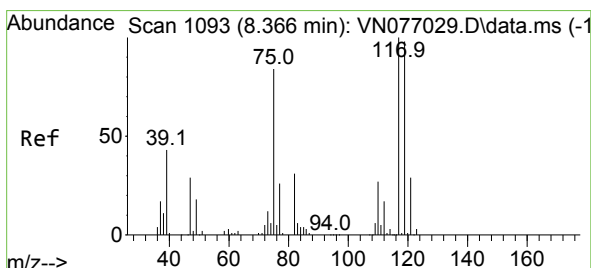
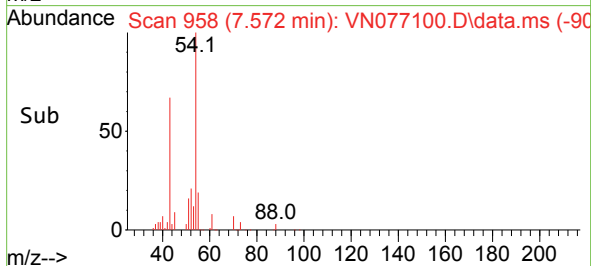
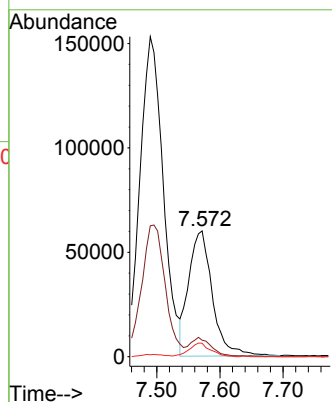


#37
Ethyl Acetate
Concen: 21.892 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :

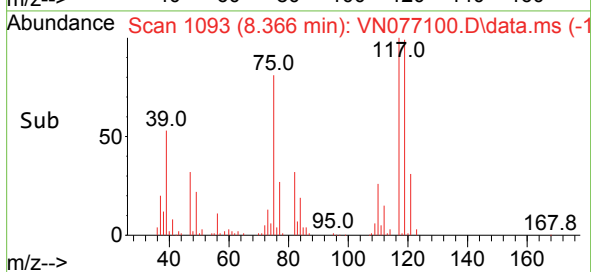
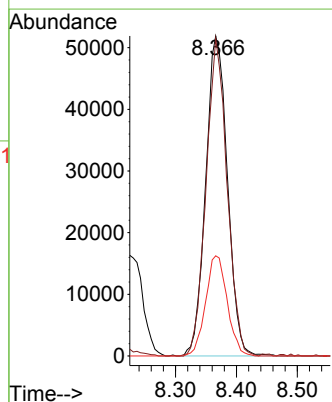
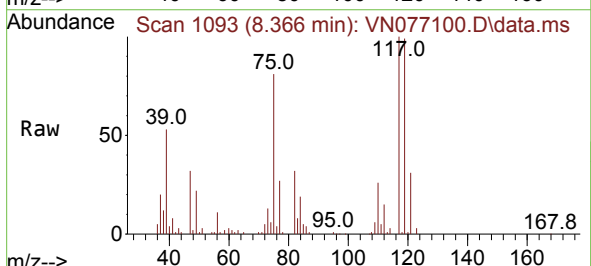


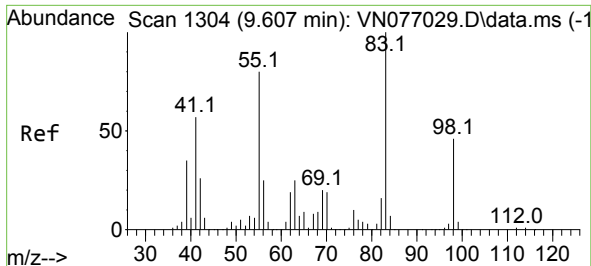
Tgt Ion: 43 Resp: 156411
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.831 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 117 Resp: 128981
Ion Ratio Lower Upper
117 100
119 99.2 78.2 117.2
121 31.3 23.2 34.8





#39

Methylcyclohexane

Concen: 18.617 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

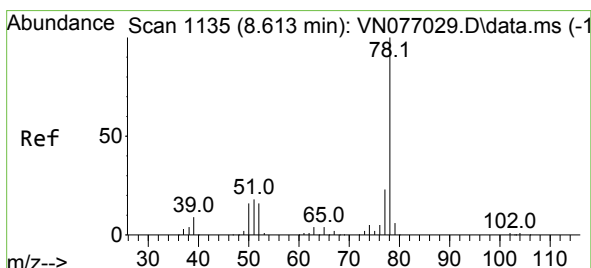
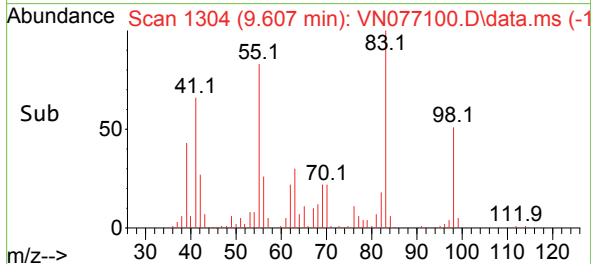
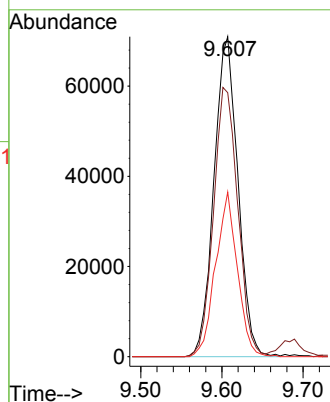
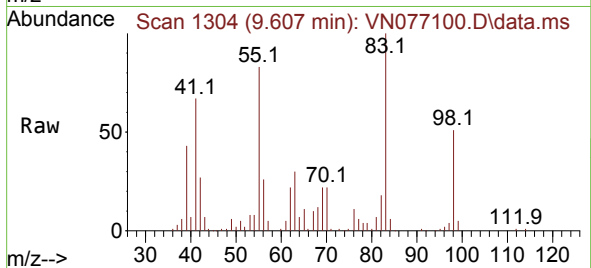
Tgt Ion: 83 Resp: 145509

Ion Ratio Lower Upper

83 100

55 82.5 63.8 95.8

98 51.4 37.1 55.7



#40

Benzene

Concen: 19.644 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077100.D

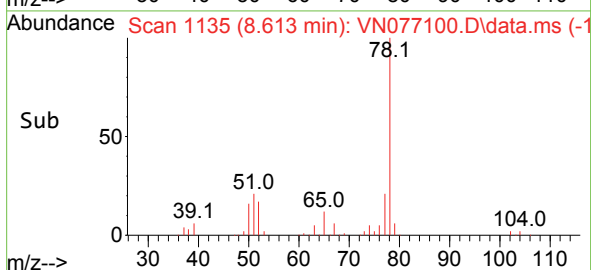
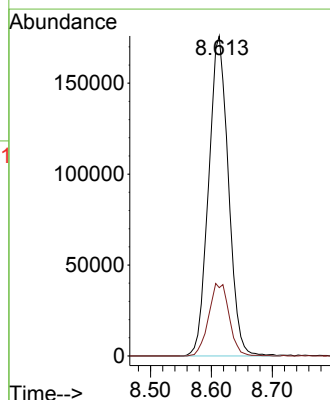
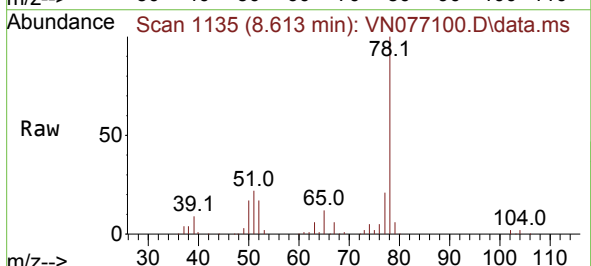
Acq: 22 Mar 2023 12:04

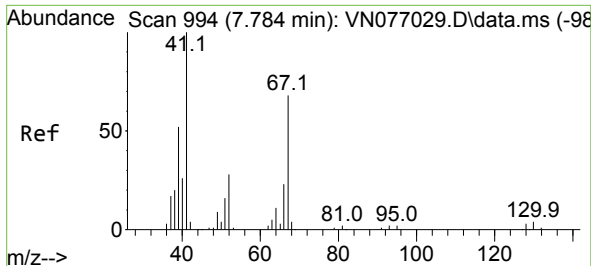
Tgt Ion: 78 Resp: 397814

Ion Ratio Lower Upper

78 100

77 21.4 18.5 27.7



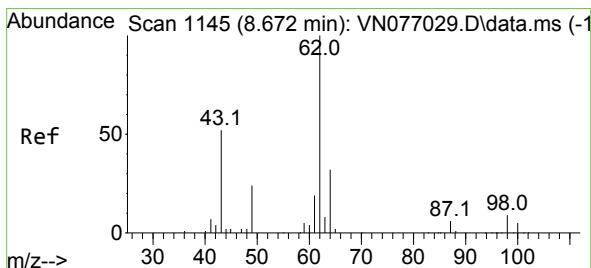
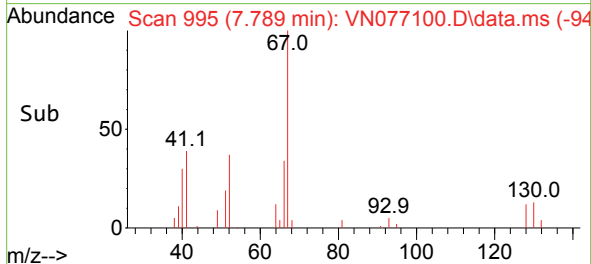
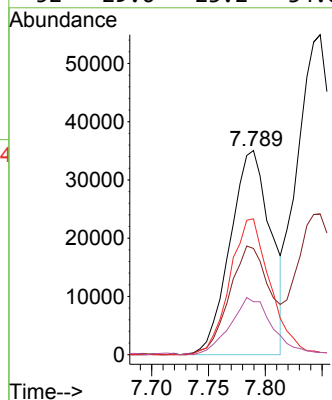
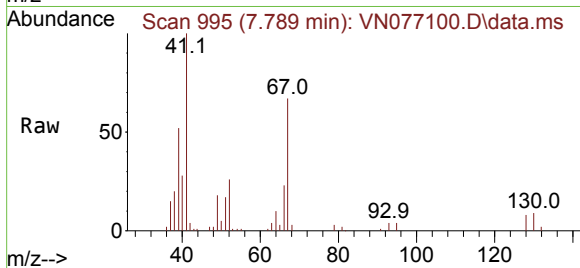


#41
Methacrylonitrile
Concen: 22.657 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 87205

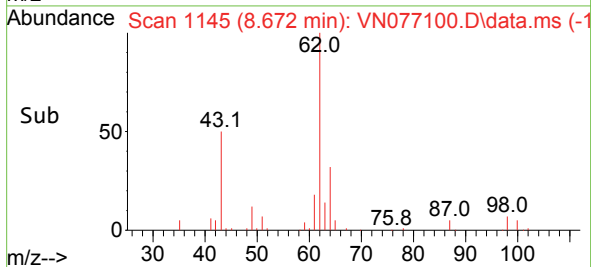
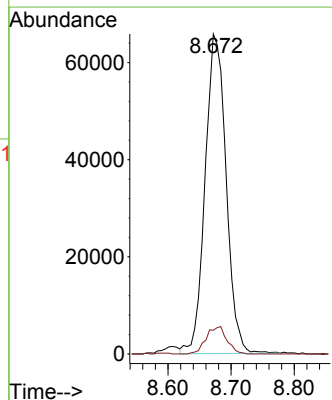
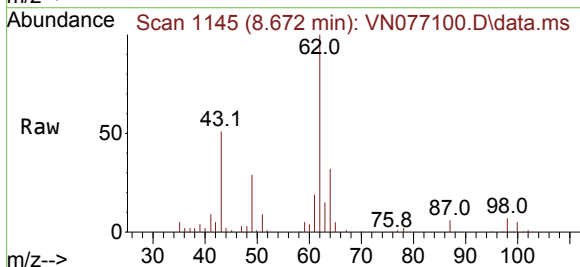
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	66.7	53.8	80.8
52	29.6	23.2	34.8

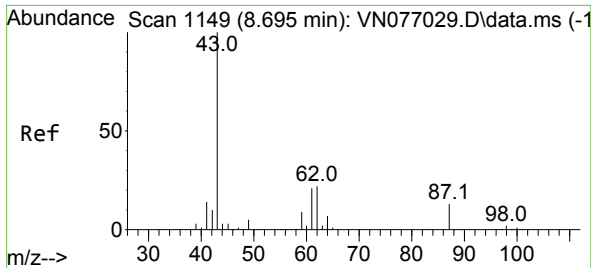


#42
1,2-Dichloroethane
Concen: 20.748 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 62 Resp: 151835

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4

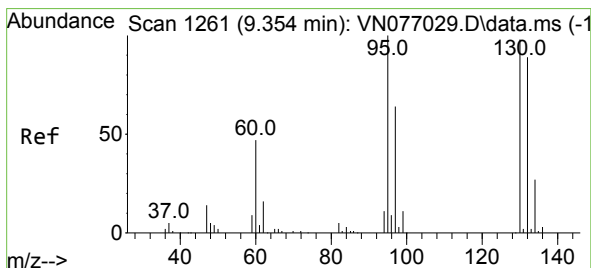
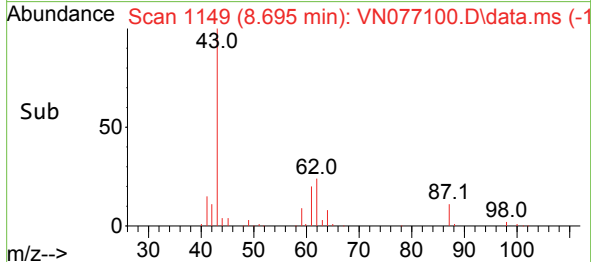
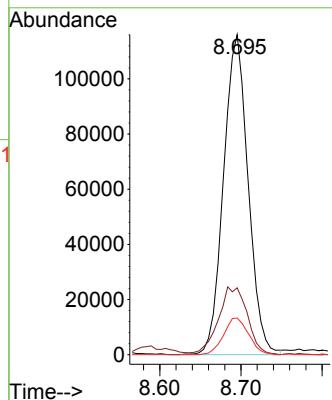
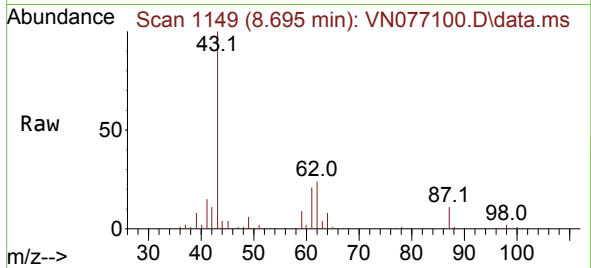




#43
Isopropyl Acetate
Concen: 21.889 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

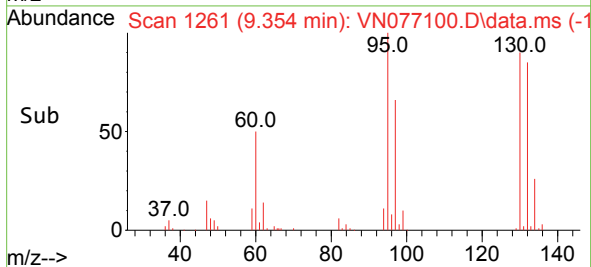
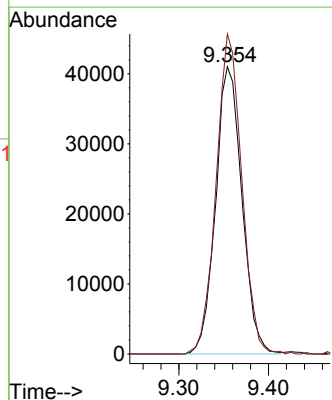
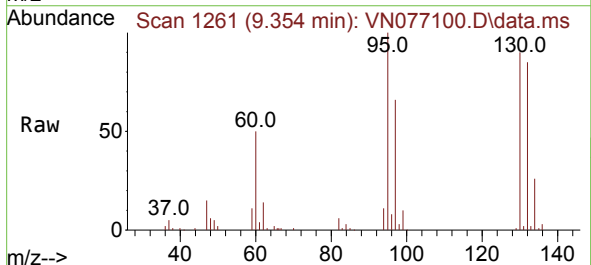
Instrument :
MSVOA_N
ClientSampleId :

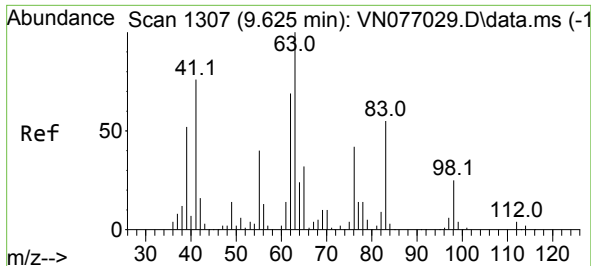
Tgt Ion: 43 Resp: 244297
Ion Ratio Lower Upper
43 100
61 25.0 20.6 30.8
87 11.7 10.0 15.0



#44
Trichloroethene
Concen: 17.965 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:130 Resp: 83567
Ion Ratio Lower Upper
130 100
95 111.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.669 ug/l

RT: 9.625 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

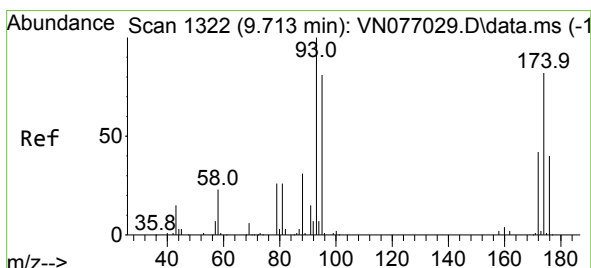
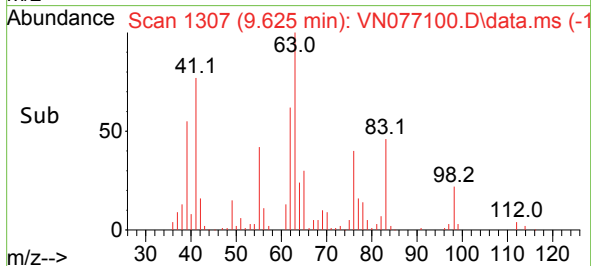
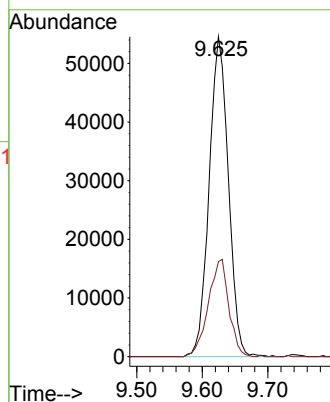
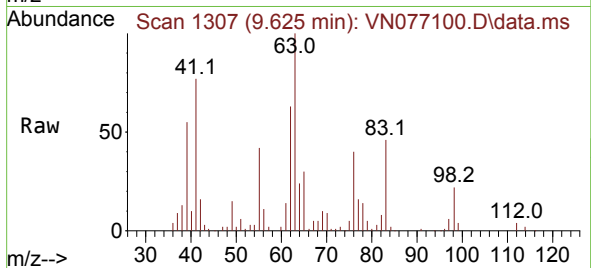
ClientSampleId :

Tgt Ion: 63 Resp: 111171

Ion Ratio Lower Upper

63 100

65 29.7 25.5 38.3



#46

Dibromomethane

Concen: 19.874 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

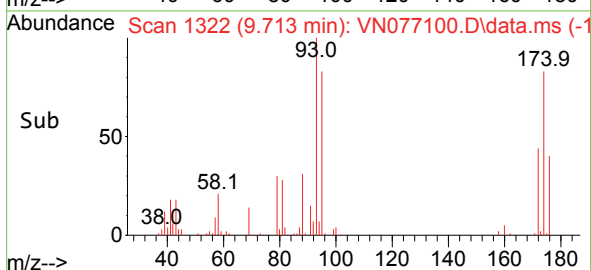
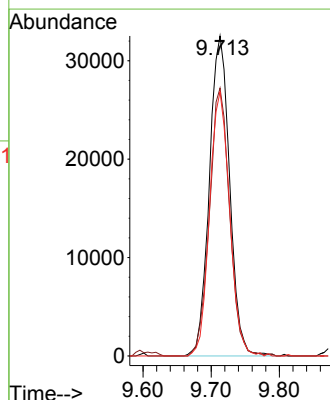
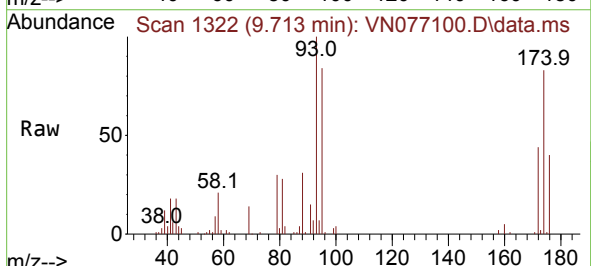
Tgt Ion: 93 Resp: 67417

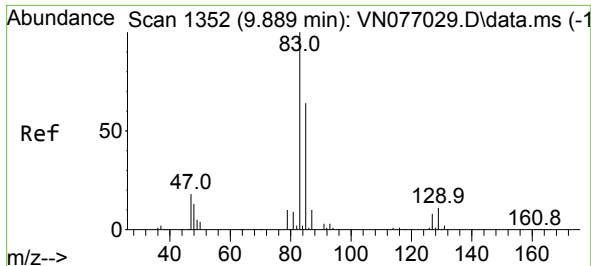
Ion Ratio Lower Upper

93 100

95 83.1 65.7 98.5

174 81.6 66.4 99.6

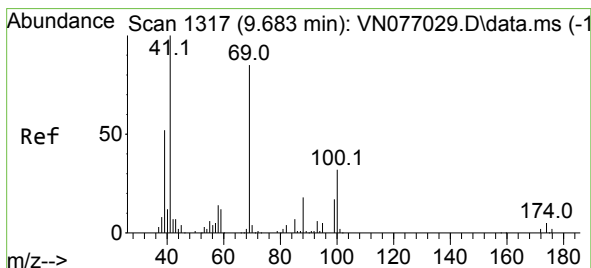
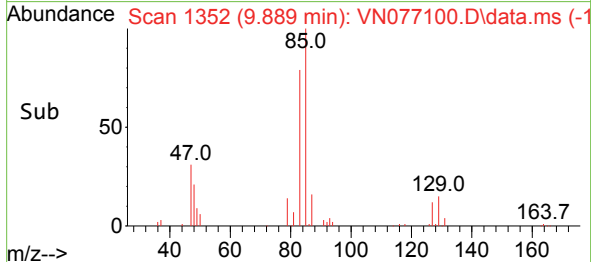
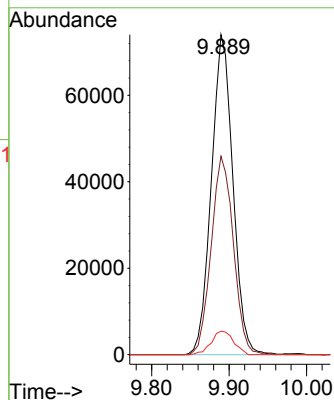
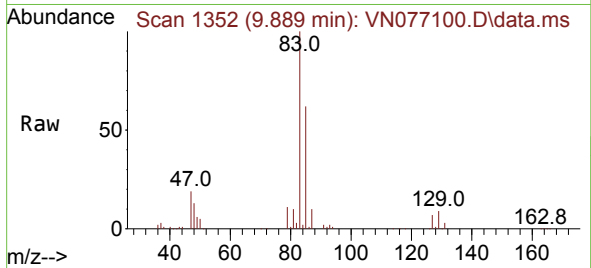




#47
Bromodichloromethane
Concen: 20.086 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

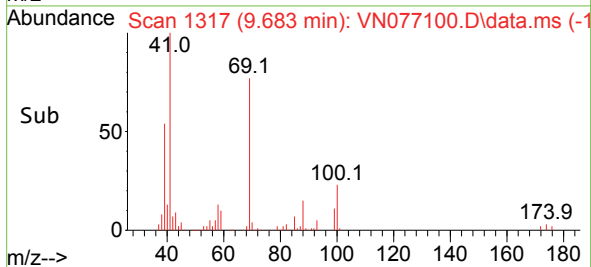
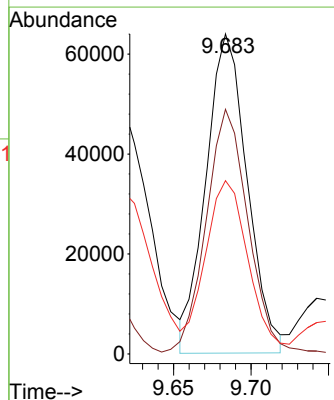
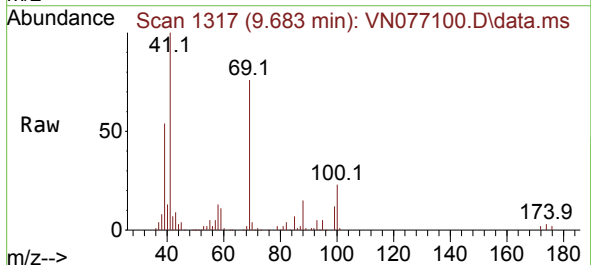
Instrument :
MSVOA_N
ClientSampleId :

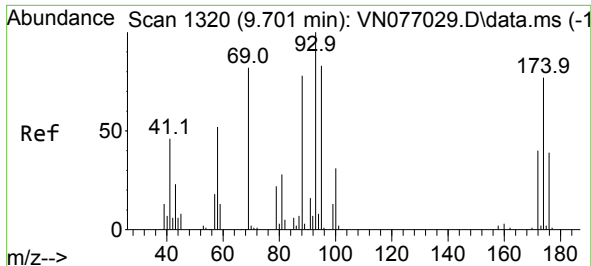
Tgt Ion: 83 Resp: 142902
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.4
127 7.3 6.1 9.1



#48
Methyl methacrylate
Concen: 22.107 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 41 Resp: 117956
Ion Ratio Lower Upper
41 100
69 79.4 64.3 96.5
39 57.4 43.2 64.8





#49

1,4-Dioxane

Concen: 422.169 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

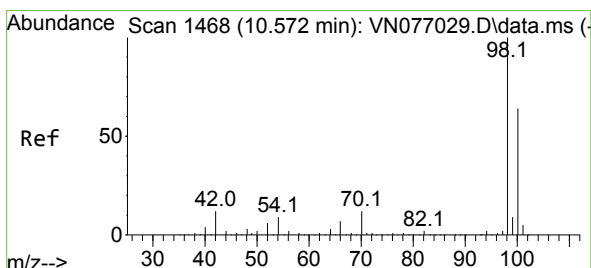
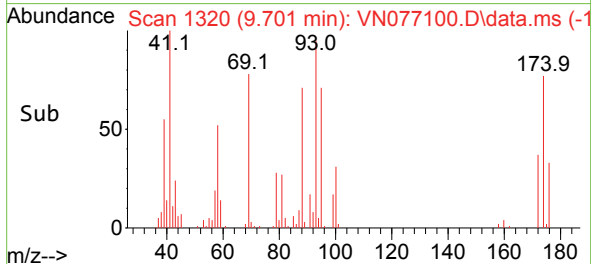
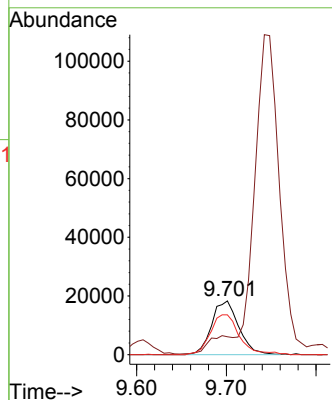
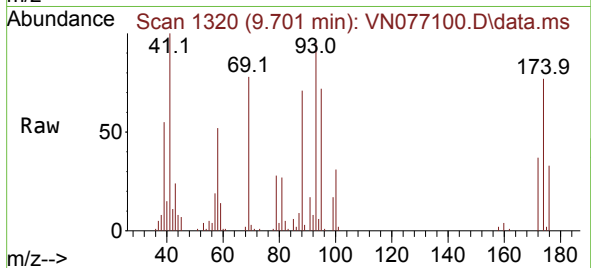
Tgt Ion: 88 Resp: 38473

Ion Ratio Lower Upper

88 100

43 30.6 22.2 33.2

58 79.8 60.8 91.2



#50

Toluene-d8

Concen: 51.325 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077100.D

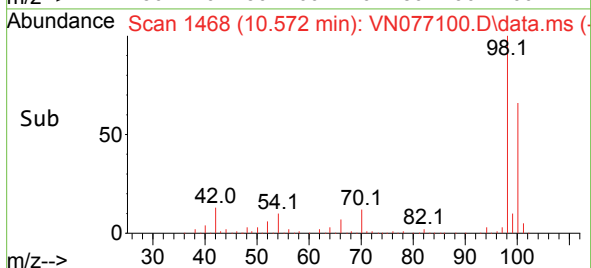
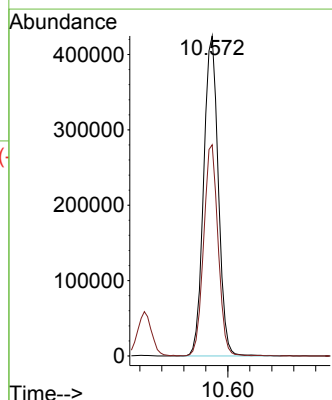
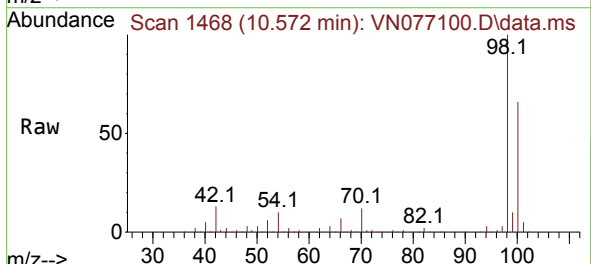
Acq: 22 Mar 2023 12:04

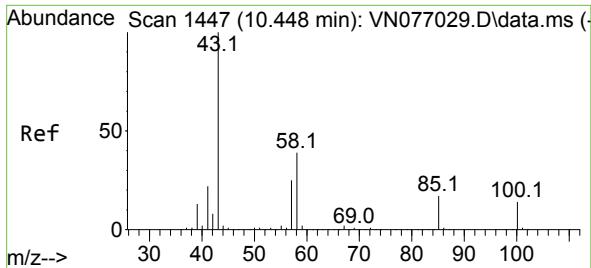
Tgt Ion: 98 Resp: 783824

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4

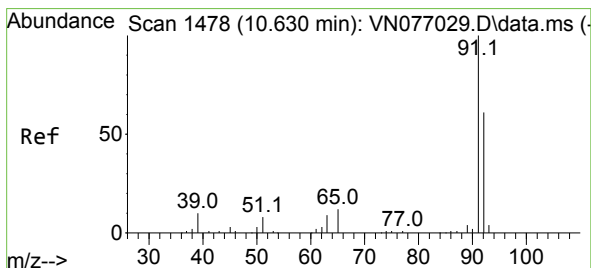
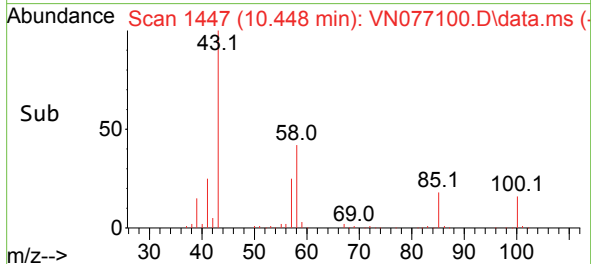
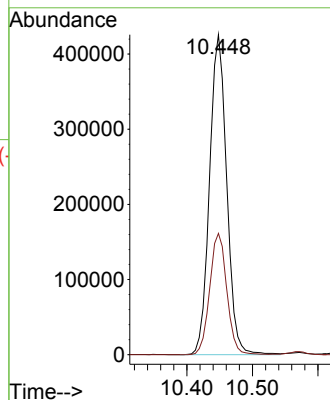
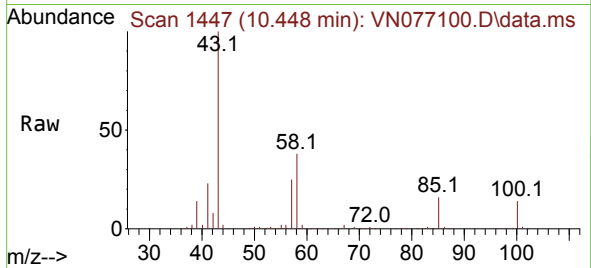




#51
4-Methyl-2-Pentanone
Concen: 111.571 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

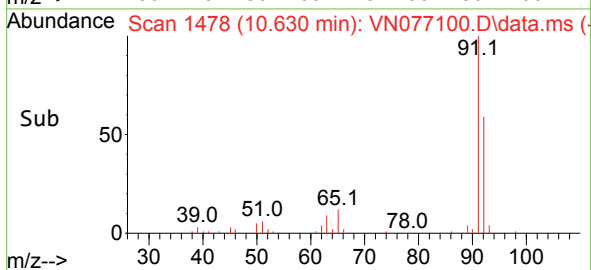
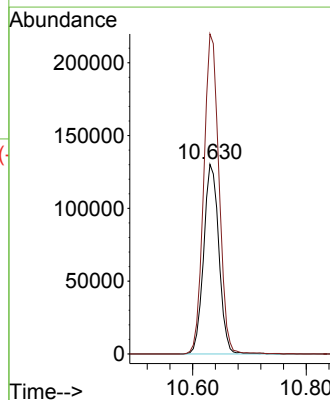
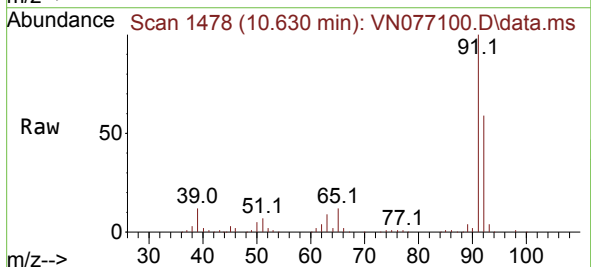
Instrument :
MSVOA_N
ClientSampleId :

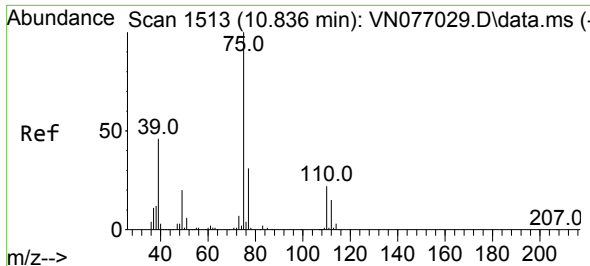
Tgt Ion: 43 Resp: 775432
Ion Ratio Lower Upper
43 100
58 37.7 31.1 46.7



#52
Toluene
Concen: 19.969 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 92 Resp: 241460
Ion Ratio Lower Upper
92 100
91 168.8 135.8 203.8

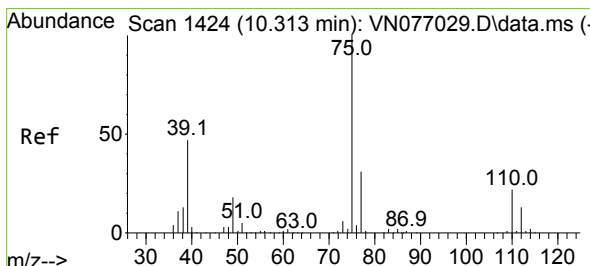
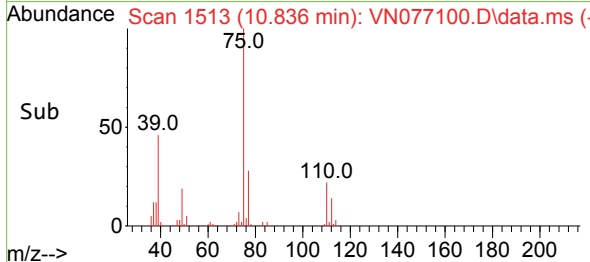
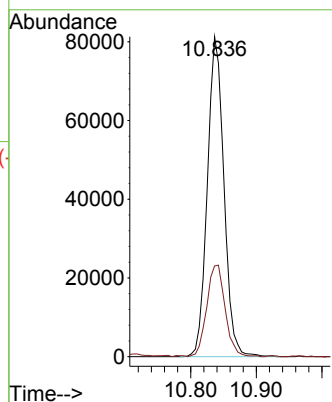
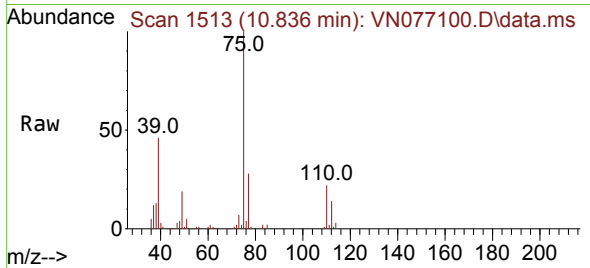




#53
 t-1,3-Dichloropropene
 Concen: 20.555 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

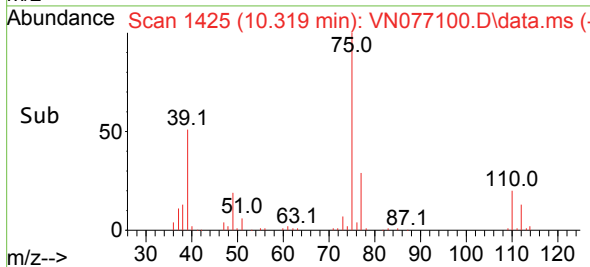
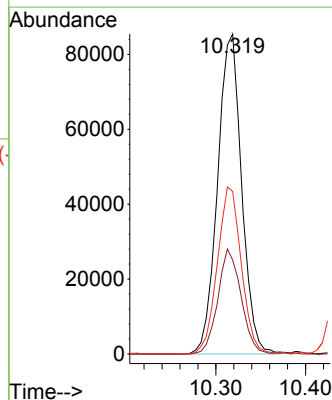
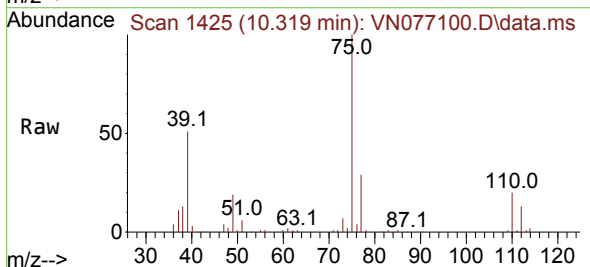
Instrument :
 MSVOA_N
 ClientSampleId :

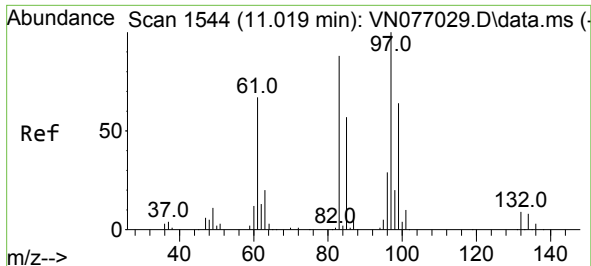
Tgt Ion: 75 Resp: 143331
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.204 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

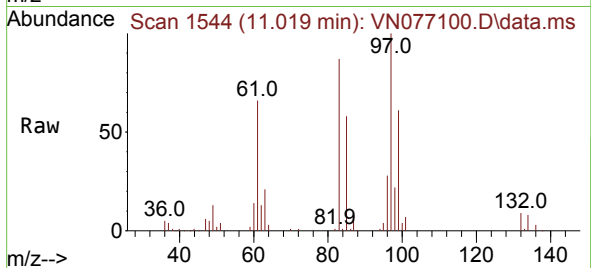
Tgt Ion: 75 Resp: 158952
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.5 36.7
 39 50.7 37.8 56.6



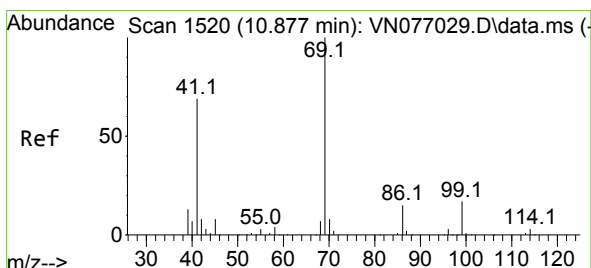
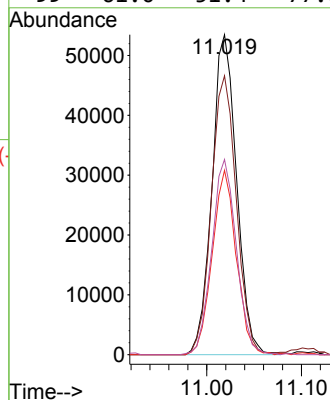
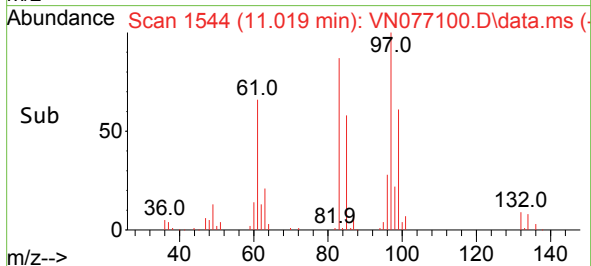


#55
1,1,2-Trichloroethane
Concen: 20.274 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :

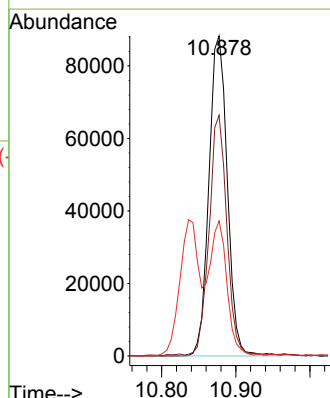
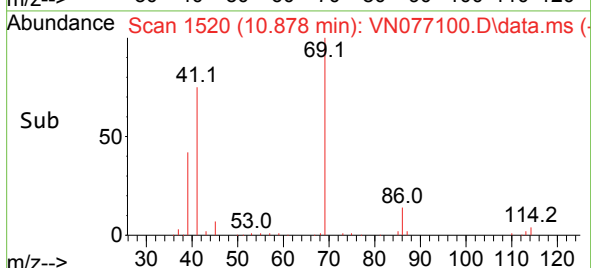
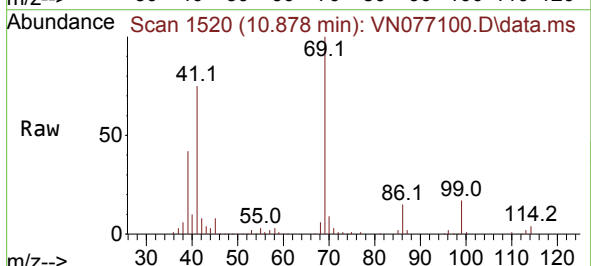


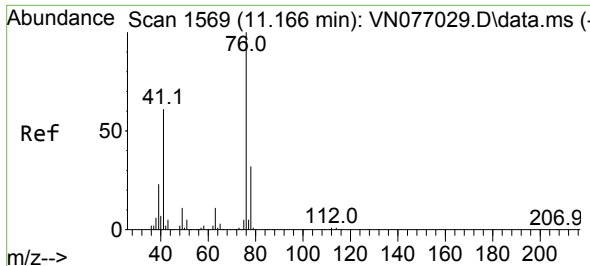
Tgt Ion:	97	Resp:	96667
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	57.6	45.4	68.2
99	61.0	51.4	77.0



#56
Ethyl methacrylate
Concen: 21.273 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:	69	Resp:	152528
Ion	Ratio	Lower	Upper
69	100		
41	73.3	54.9	82.3
39	40.8	26.6	40.0#





#57

1,3-Dichloropropane

Concen: 20.003 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

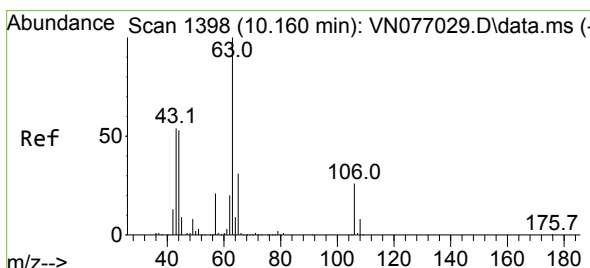
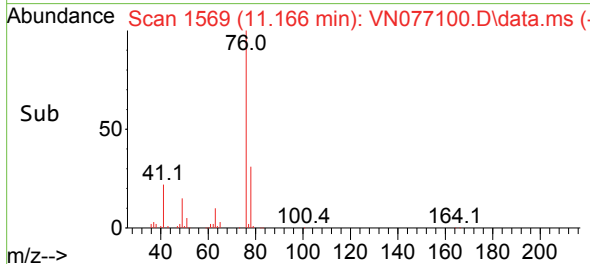
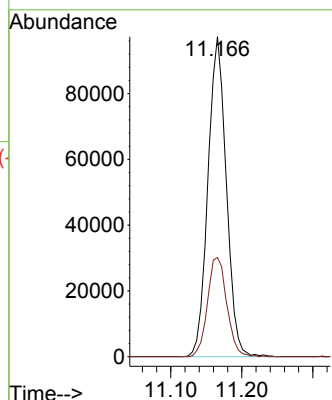
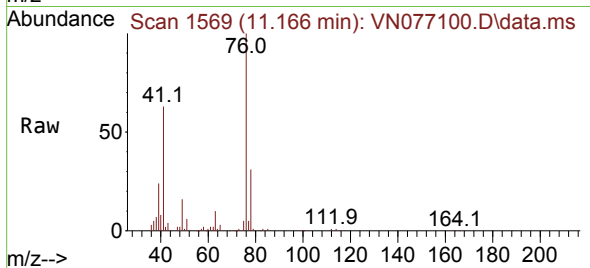
ClientSampleId :

Tgt Ion: 76 Resp: 174618

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.879 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077100.D

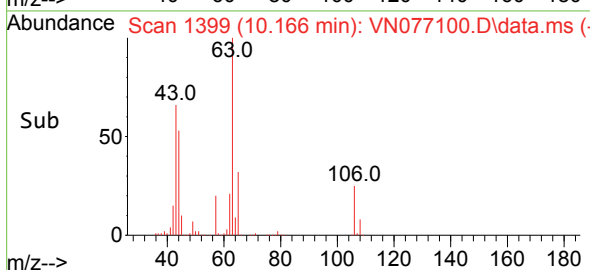
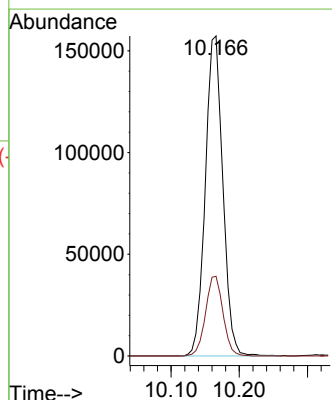
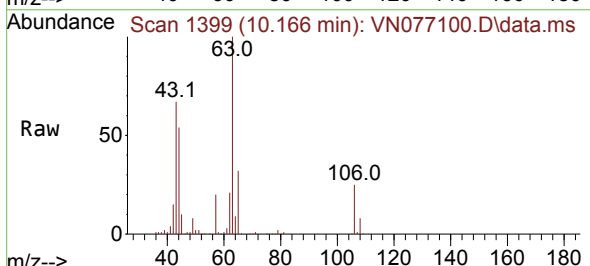
Acq: 22 Mar 2023 12:04

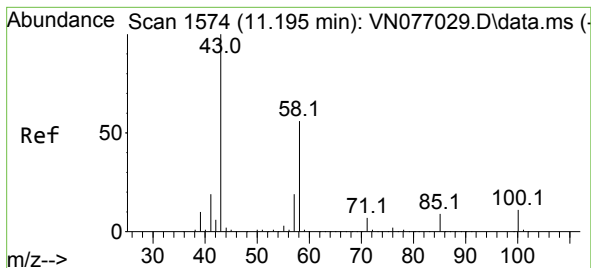
Tgt Ion: 63 Resp: 280847

Ion Ratio Lower Upper

63 100

106 24.8 20.6 31.0





#59

2-Hexanone

Concen: 110.620 ug/l

RT: 11.195 min Scan# 1574

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

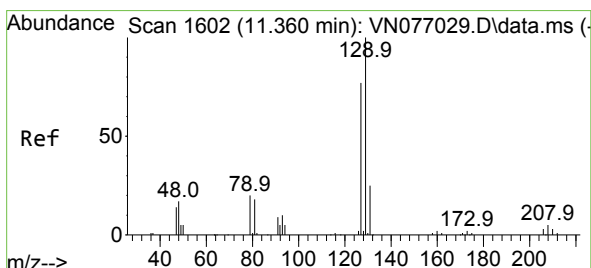
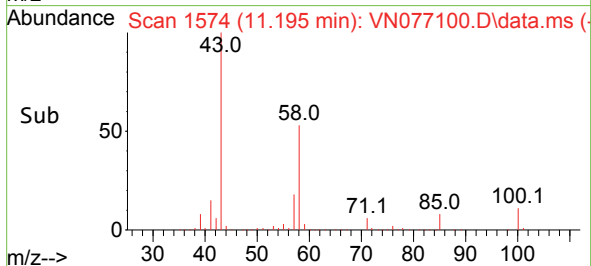
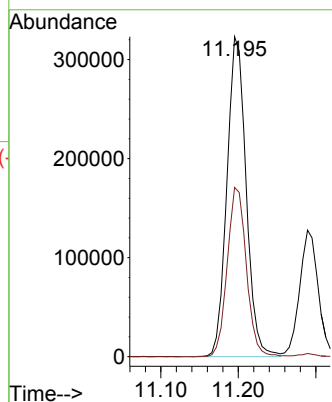
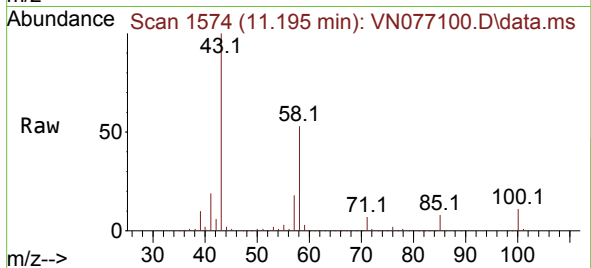
ClientSampleId :

Tgt Ion: 43 Resp: 557638

Ion Ratio Lower Upper

43 100

58 52.8 27.7 83.1



#60

Dibromochloromethane

Concen: 20.161 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VN077100.D

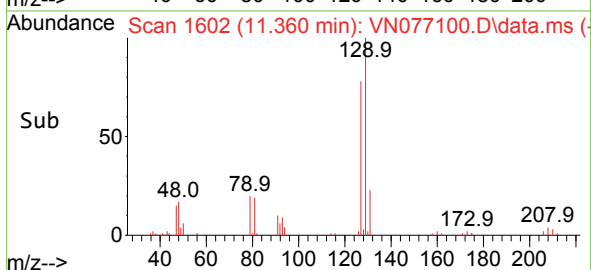
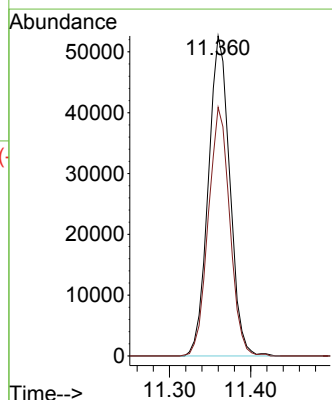
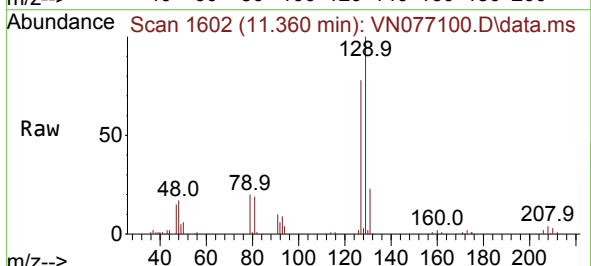
Acq: 22 Mar 2023 12:04

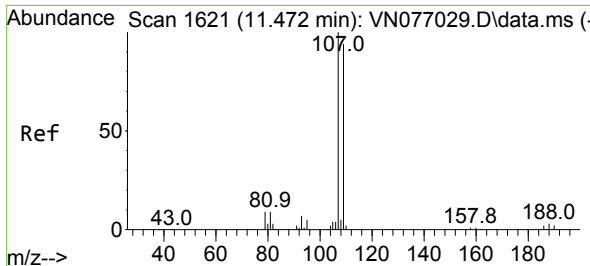
Tgt Ion:129 Resp: 96564

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.7

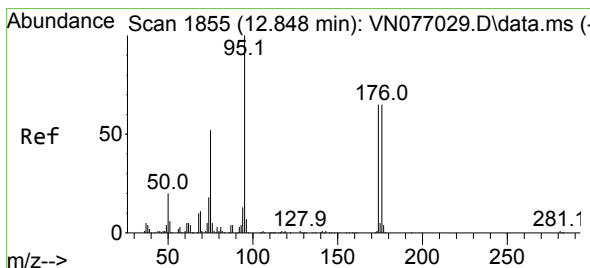
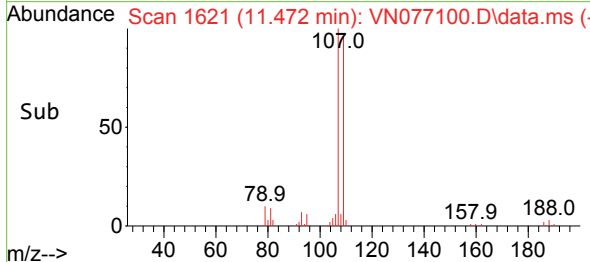
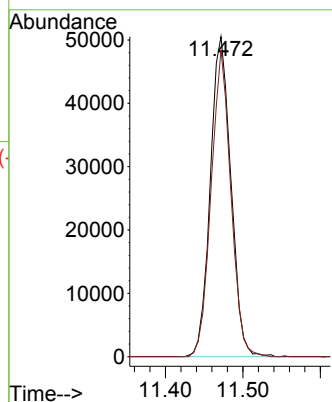
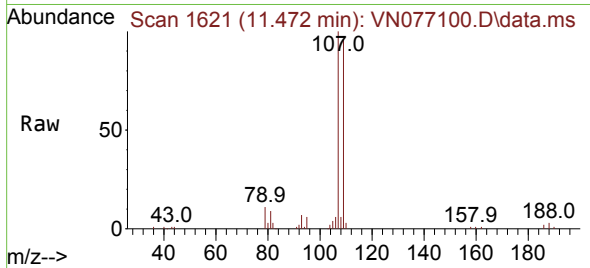




#61
1,2-Dibromoethane
Concen: 19.692 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

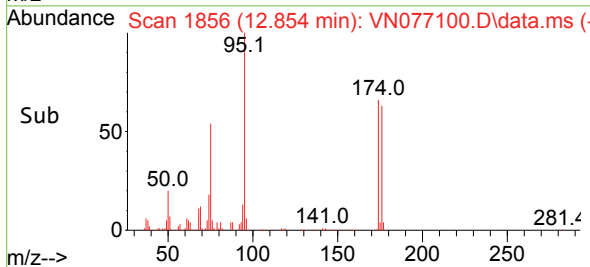
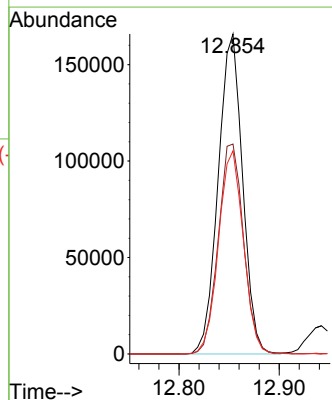
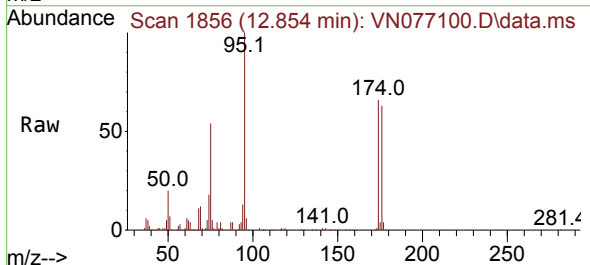
Instrument :
MSVOA_N
ClientSampleId :

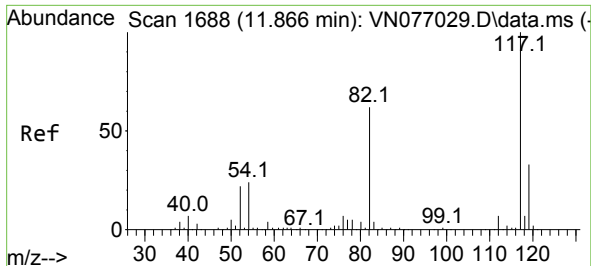
Tgt Ion:107 Resp: 93110
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.978 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

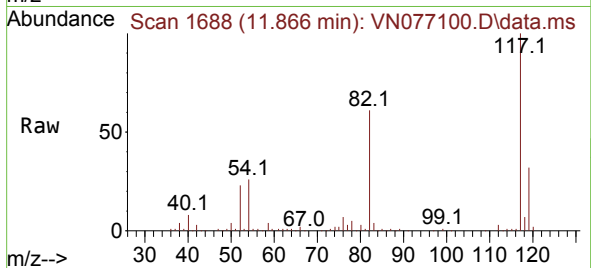
Tgt Ion: 95 Resp: 280497
Ion Ratio Lower Upper
95 100
174 67.9 0.0 136.6
176 64.6 0.0 130.0



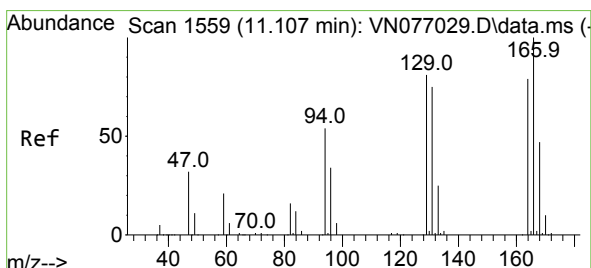
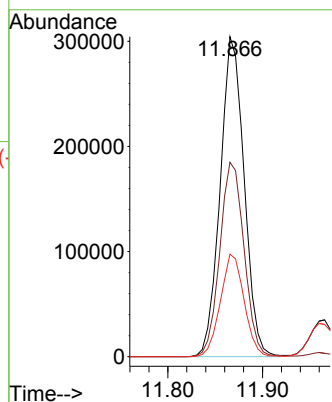
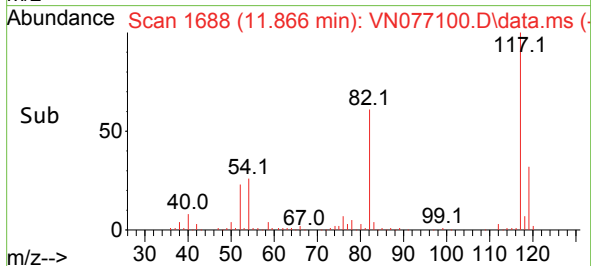


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

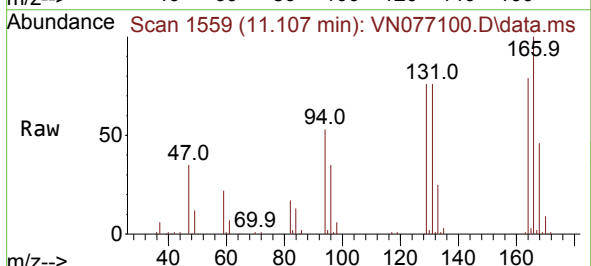
Instrument :
MSVOA_N
ClientSampleId :



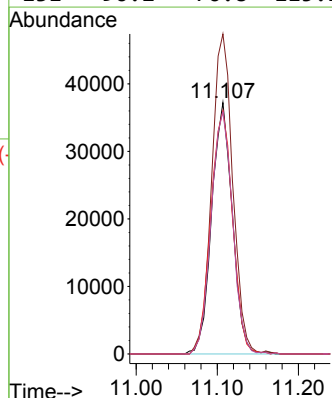
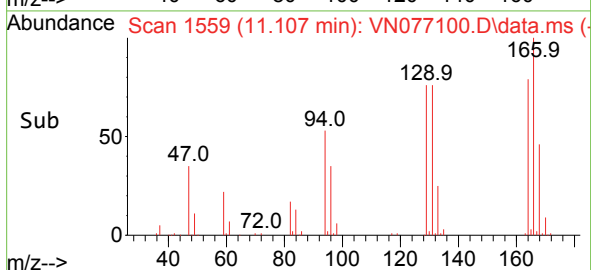
Tgt Ion:117 Resp: 534988
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 32.0 26.5 39.7

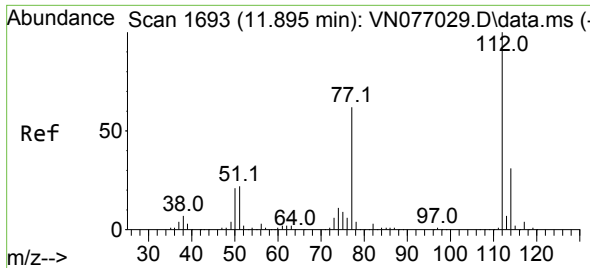


#64
Tetrachloroethene
Concen: 18.310 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04



Tgt Ion:164 Resp: 65744
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 96.8 82.6 123.8
131 96.2 76.8 115.2

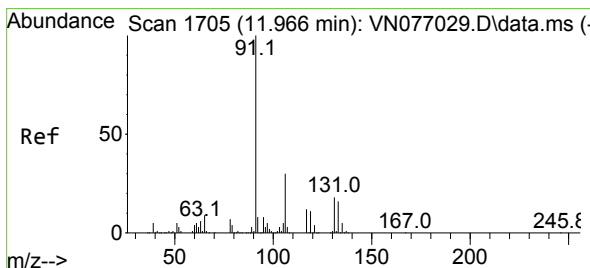
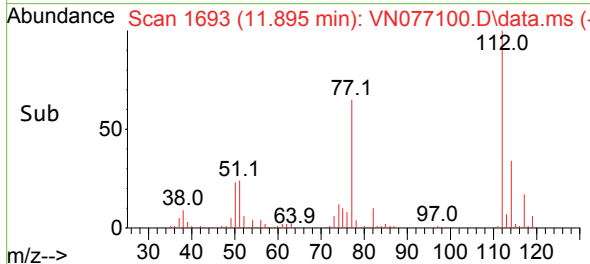
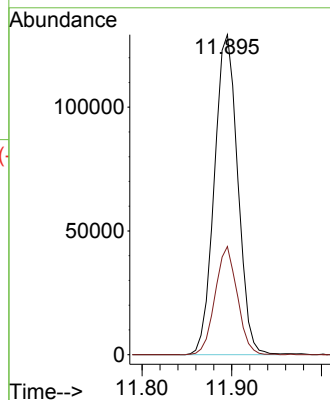
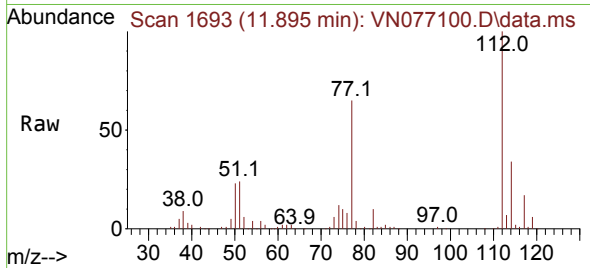




#65
Chlorobenzene
Concen: 19.032 ug/l
RT: 11.895 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

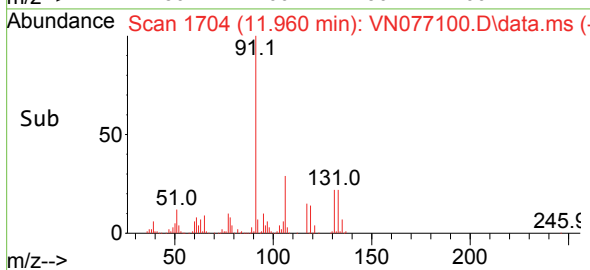
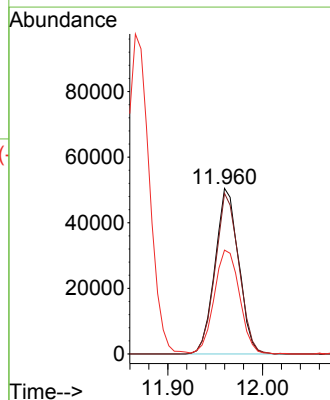
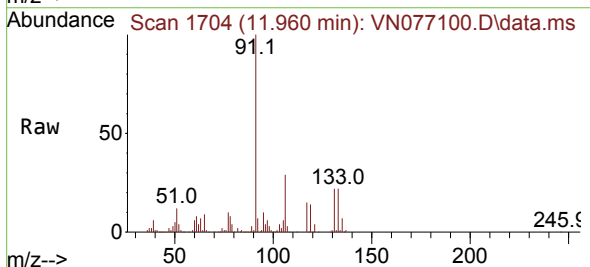
Instrument :
MSVOA_N
ClientSampleId :

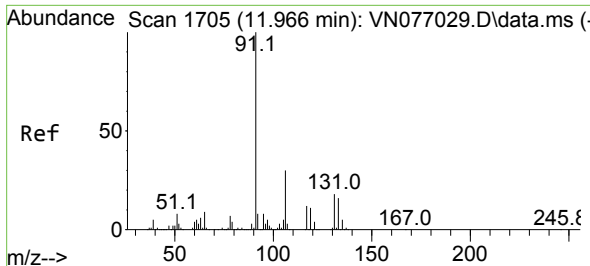
Tgt Ion:112 Resp: 234276
Ion Ratio Lower Upper
112 100
114 33.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.232 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:131 Resp: 87597
Ion Ratio Lower Upper
131 100
133 97.3 46.8 140.3
119 67.4 32.6 97.8

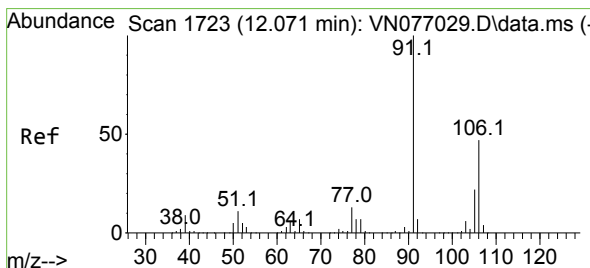
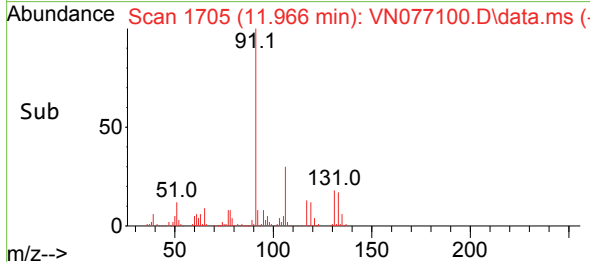
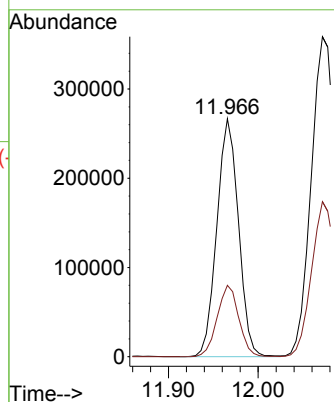
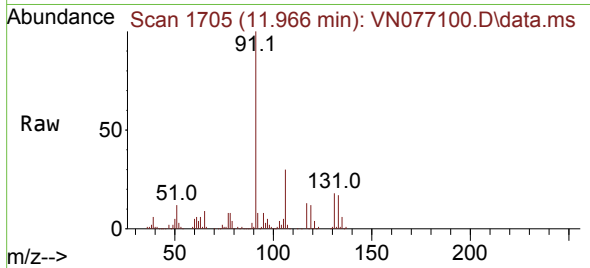




#67
Ethyl Benzene
Concen: 19.955 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

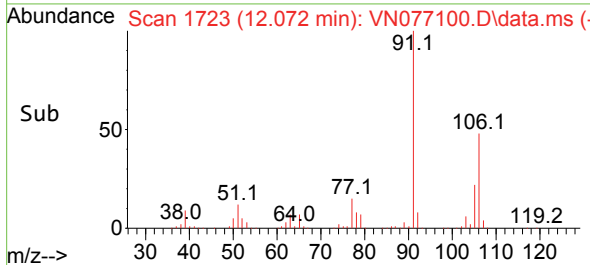
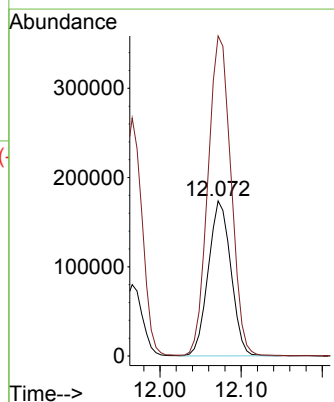
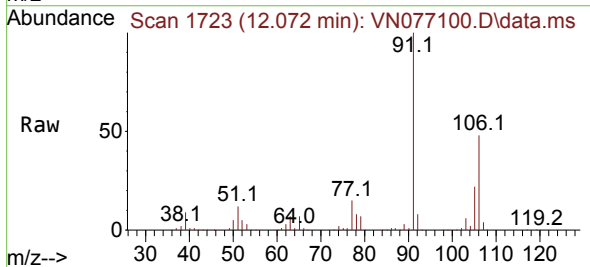
Instrument :
MSVOA_N
ClientSampleId :

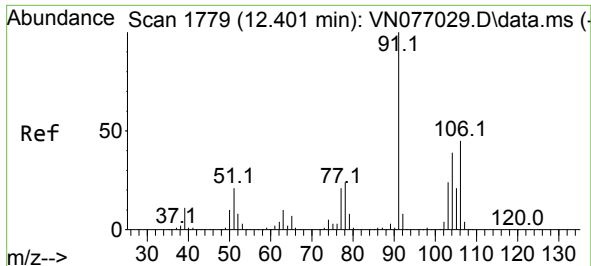
Tgt Ion: 91 Resp: 446158
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 40.497 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:106 Resp: 335803
Ion Ratio Lower Upper
106 100
91 210.8 168.0 252.0

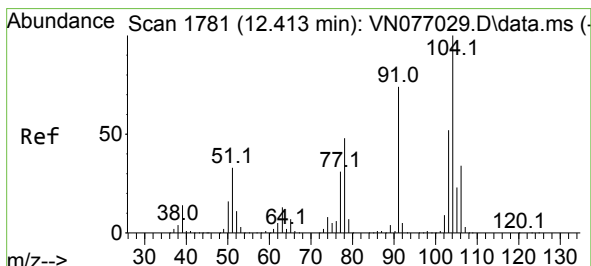
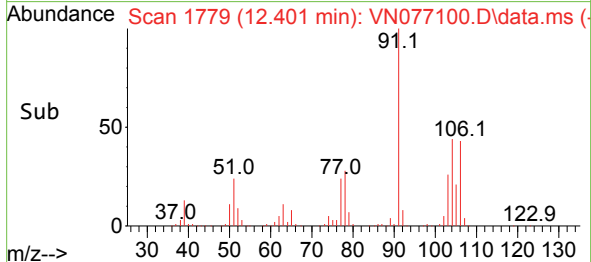
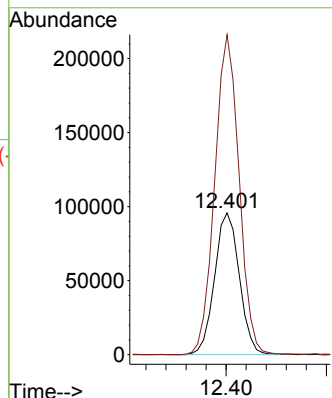
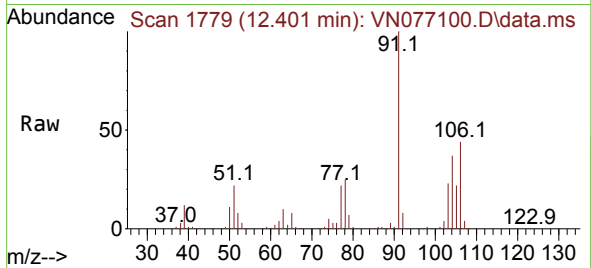




#69
o-Xylene
Concen: 19.898 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

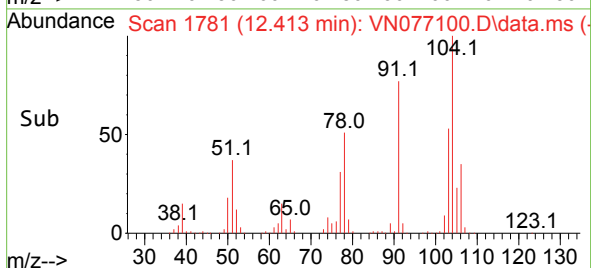
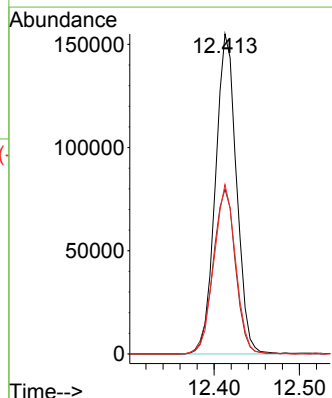
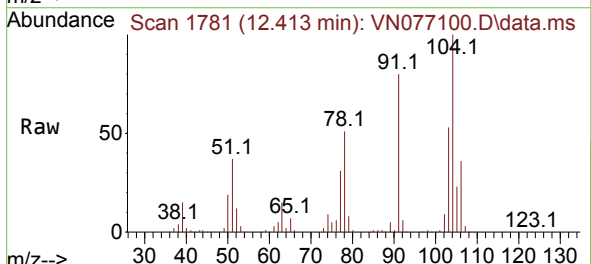
Instrument :
MSVOA_N
ClientSampleId :

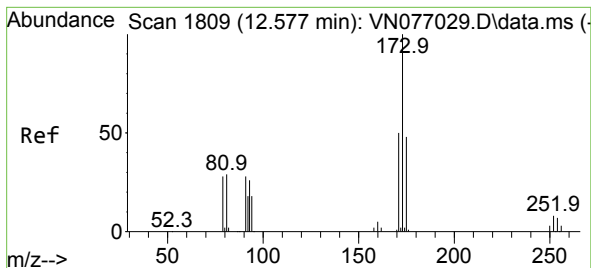
Tgt Ion:106 Resp: 163942
Ion Ratio Lower Upper
106 100
91 222.5 110.3 330.9



#70
Styrene
Concen: 20.743 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:104 Resp: 266083
Ion Ratio Lower Upper
104 100
78 54.6 41.8 62.8
103 54.6 43.8 65.6





#71

Bromoform

Concen: 20.433 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077100.D

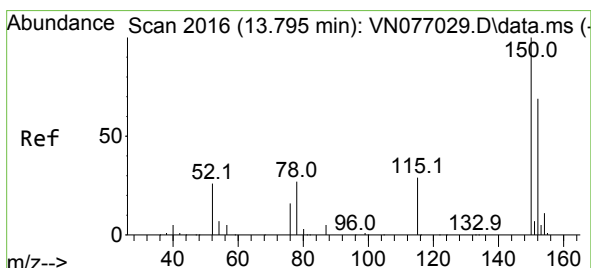
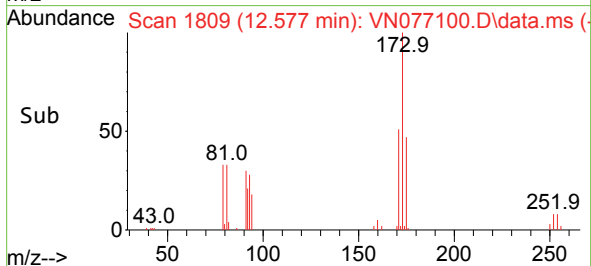
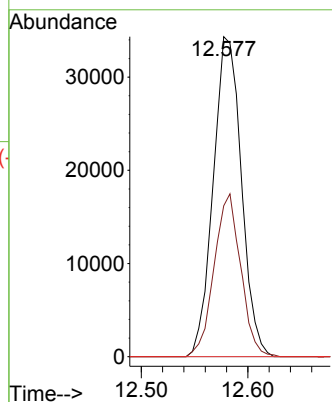
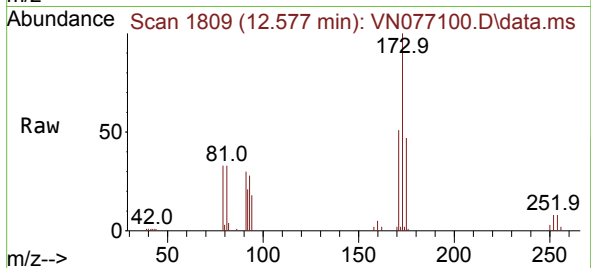
Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 63064
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.5 73.5
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

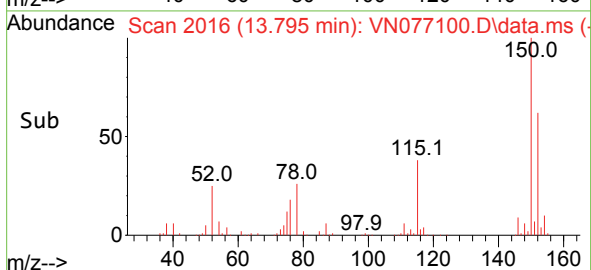
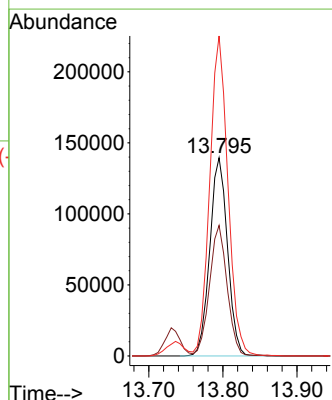
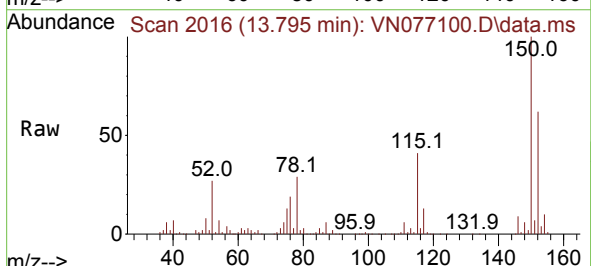
RT: 13.795 min Scan# 2016

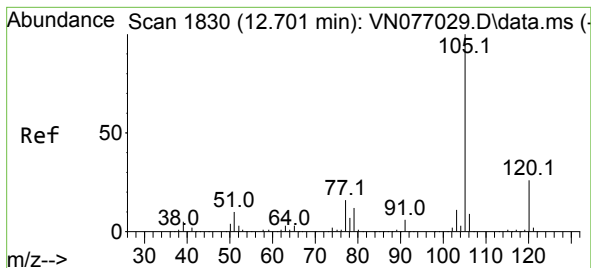
Delta R.T. -0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Tgt Ion:152 Resp: 232354
 Ion Ratio Lower Upper
 152 100
 115 65.4 31.9 95.7
 150 164.7 0.0 348.0





#73

Isopropylbenzene

Concen: 20.365 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

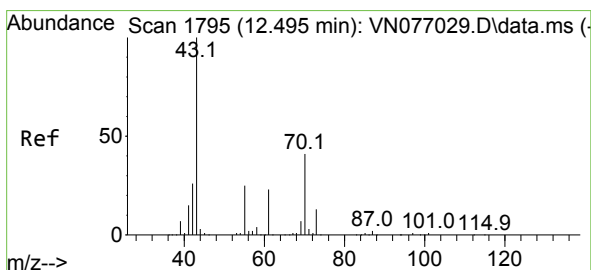
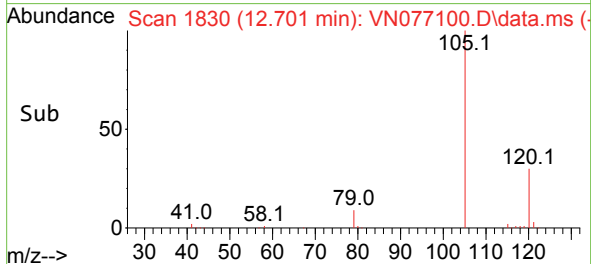
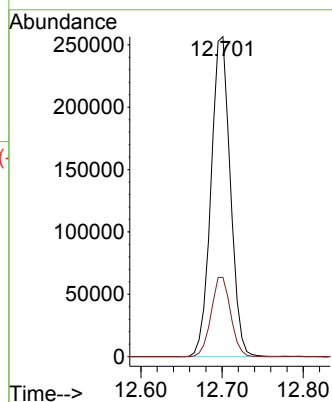
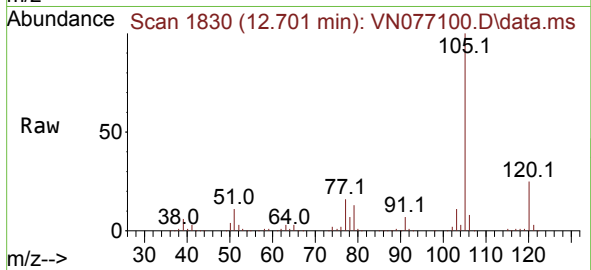
ClientSampleId :

Tgt Ion:105 Resp: 424054

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



#74

N-ethyl acetate

Concen: 22.270 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Tgt Ion: 43 Resp: 200718

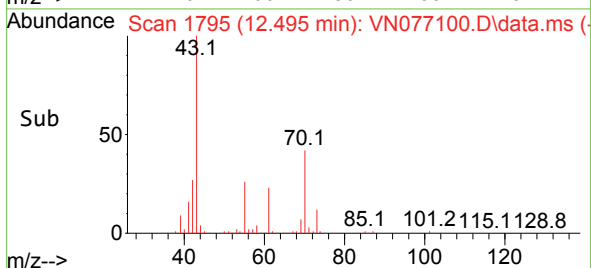
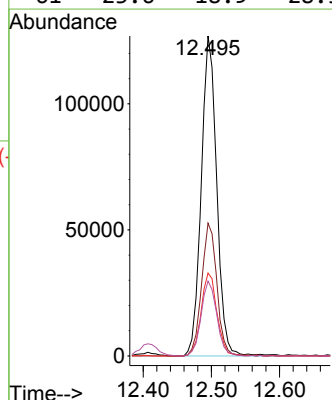
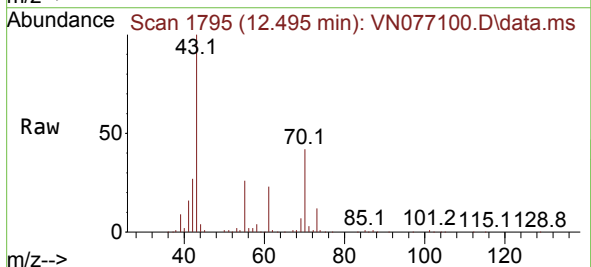
Ion Ratio Lower Upper

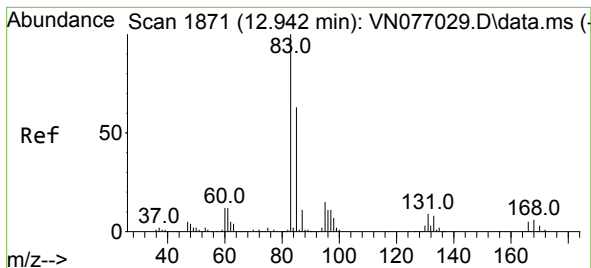
43 100

70 41.0 33.6 50.4

55 26.6 20.3 30.5

61 23.6 18.9 28.3

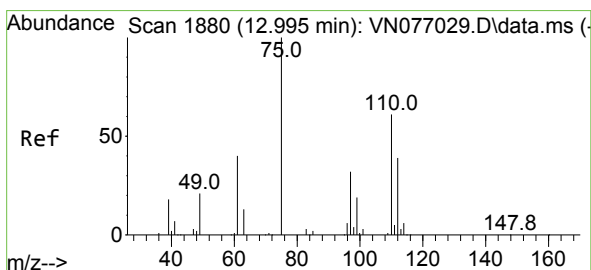
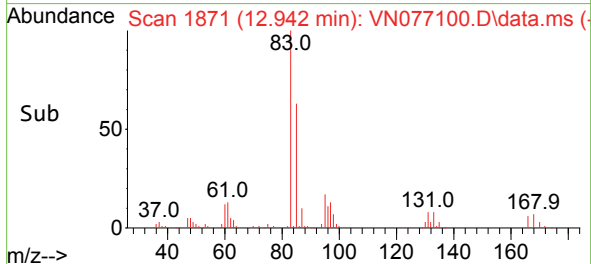
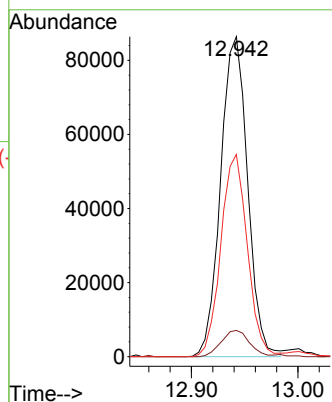
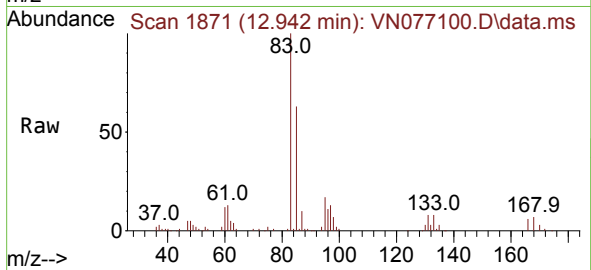




#75
1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

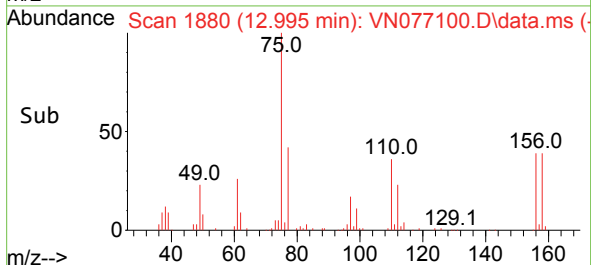
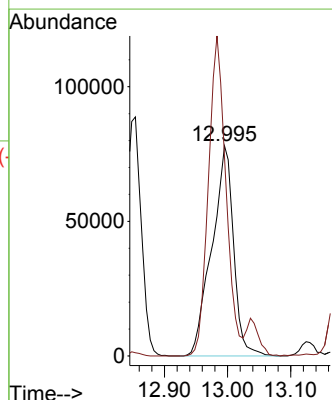
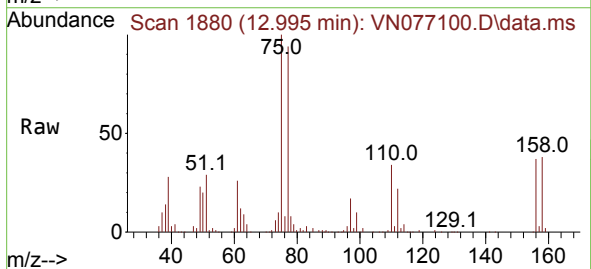
Instrument :
MSVOA_N
ClientSampleId :

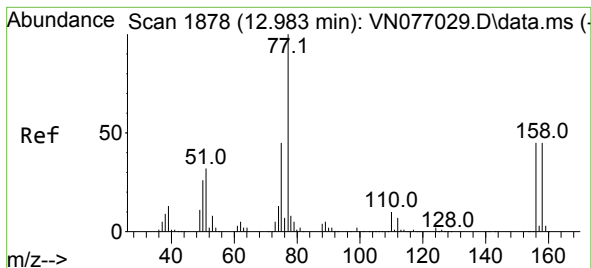
Tgt Ion: 83 Resp: 151980
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 62.0 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 31.099 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 75 Resp: 186912
Ion Ratio Lower Upper
75 100
77 123.2 107.3 322.0





#77

Bromobenzene

Concen: 19.100 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

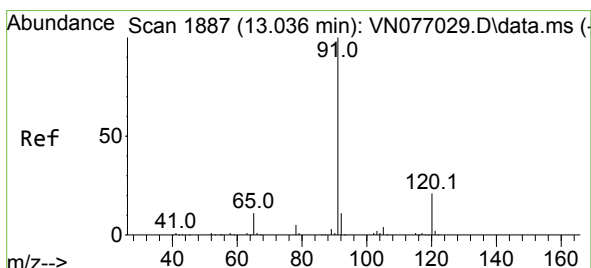
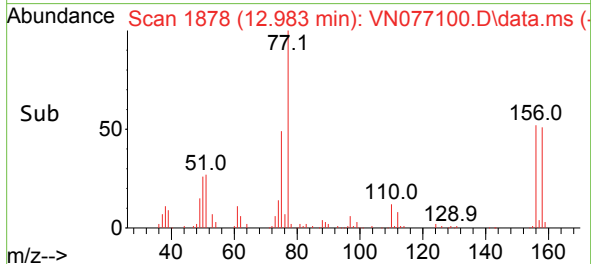
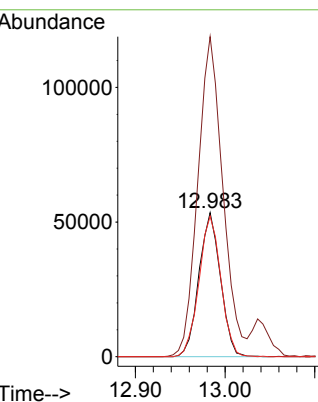
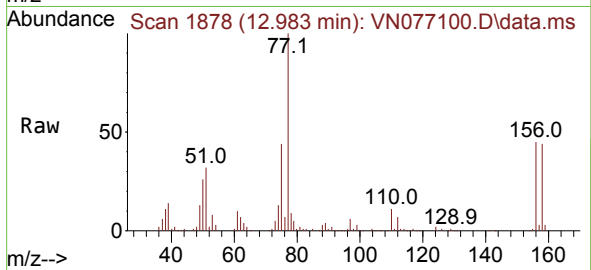
Tgt Ion:156 Resp: 89093

Ion Ratio Lower Upper

156 100

77 258.5 124.8 374.3

158 99.2 48.6 145.9



#78

n-propylbenzene

Concen: 20.910 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077100.D

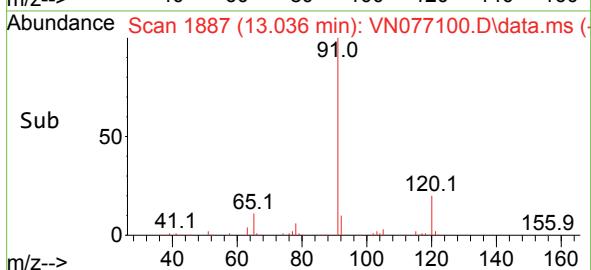
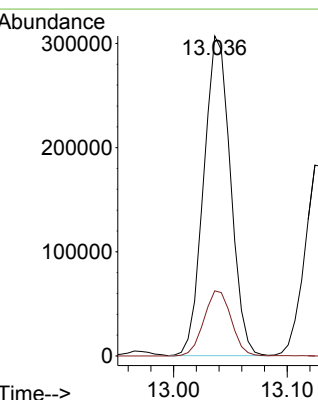
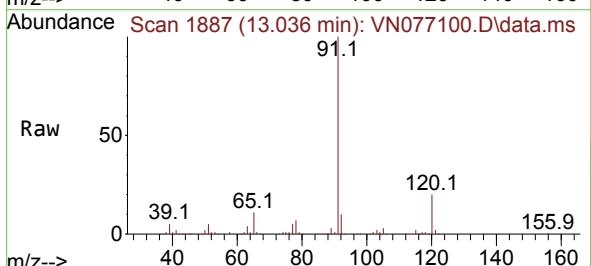
Acq: 22 Mar 2023 12:04

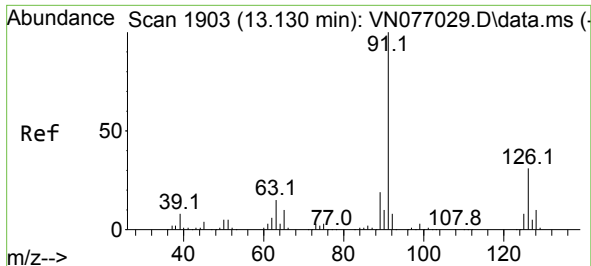
Tgt Ion: 91 Resp: 502640

Ion Ratio Lower Upper

91 100

120 20.8 10.8 32.3

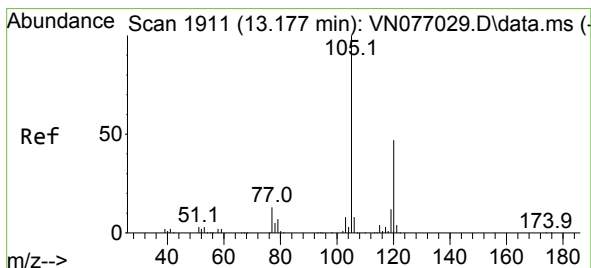
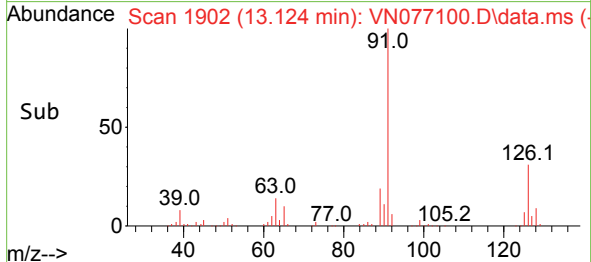
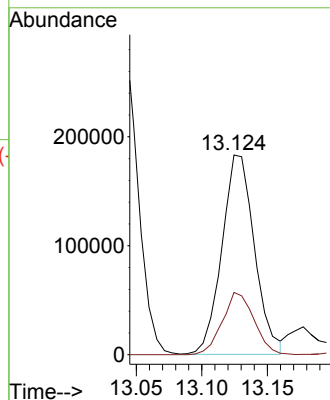
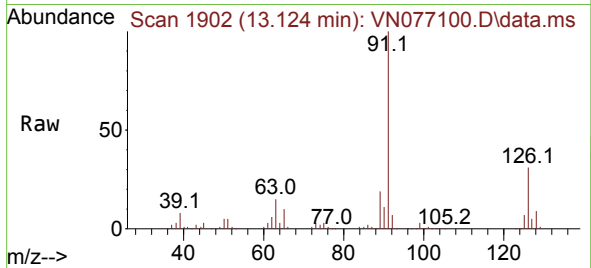




#79
2-Chlorotoluene
Concen: 20.674 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

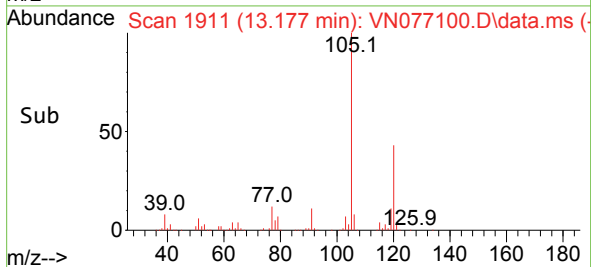
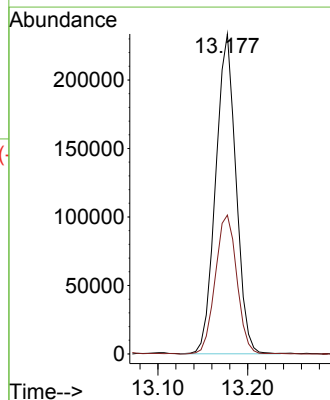
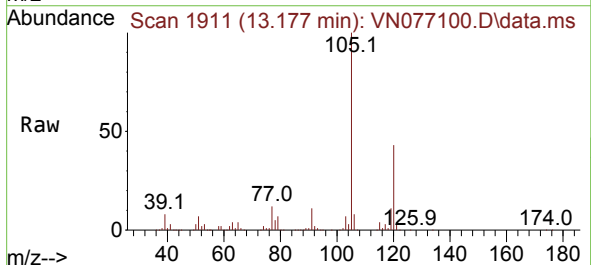
Instrument :
MSVOA_N
ClientSampleId :

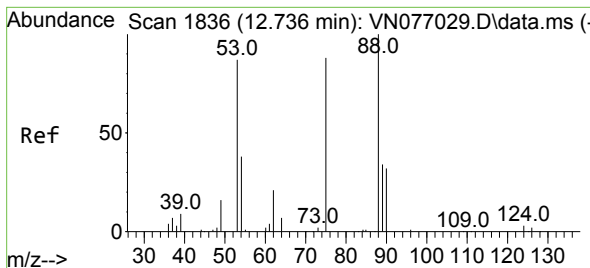
Tgt Ion: 91 Resp: 316658
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 21.097 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:105 Resp: 366778
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.2

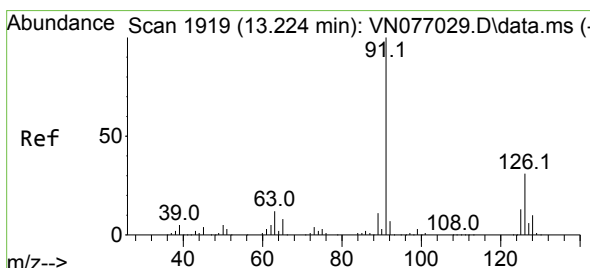
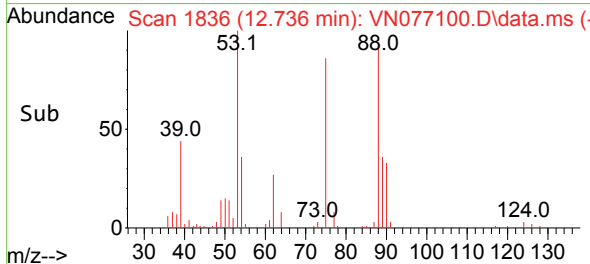
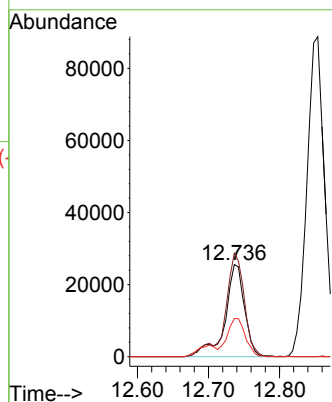
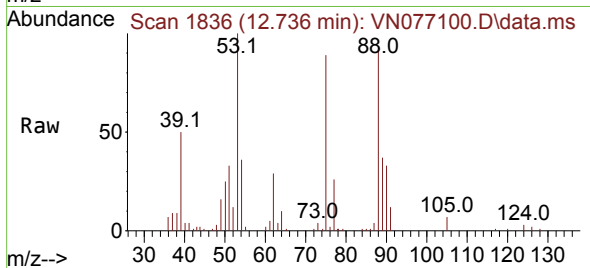




#81
trans-1,4-Dichloro-2-butene
Concen: 22.280 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

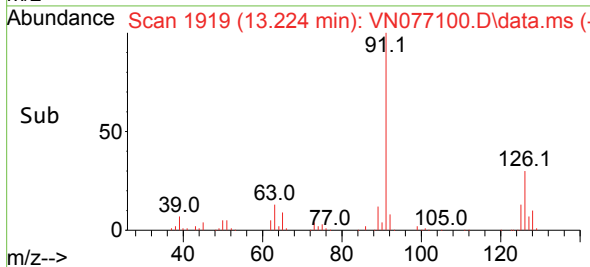
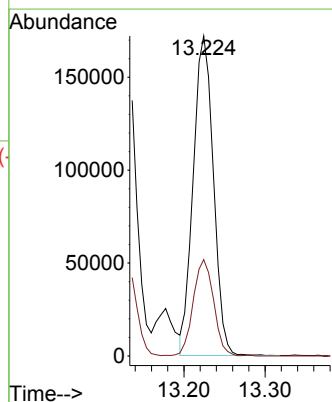
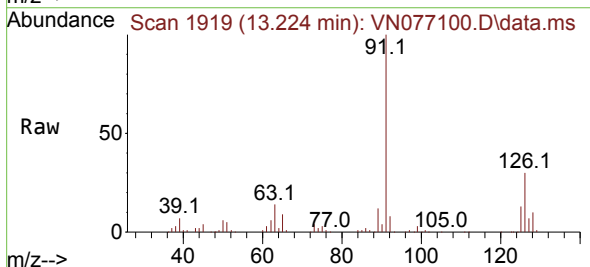
Instrument :
MSVOA_N
ClientSampleId :

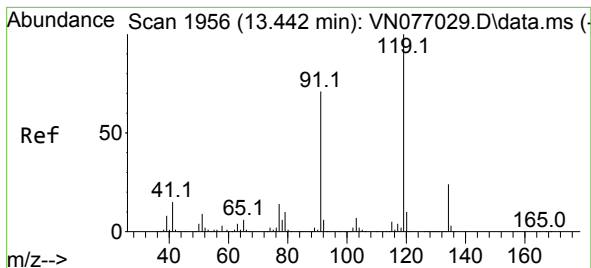
Tgt Ion: 75 Resp: 48648
Ion Ratio Lower Upper
75 100
53 110.7 80.8 121.2
89 38.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 20.418 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion: 91 Resp: 297384
Ion Ratio Lower Upper
91 100
126 30.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 20.702 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN077100.D

Acq: 22 Mar 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

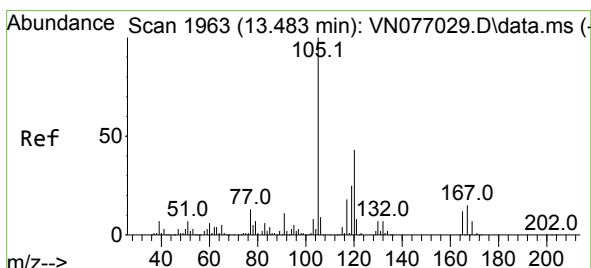
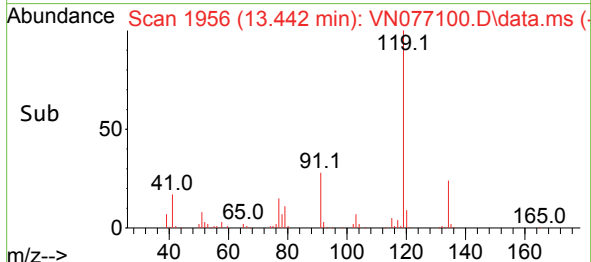
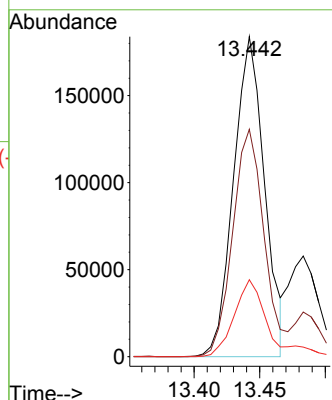
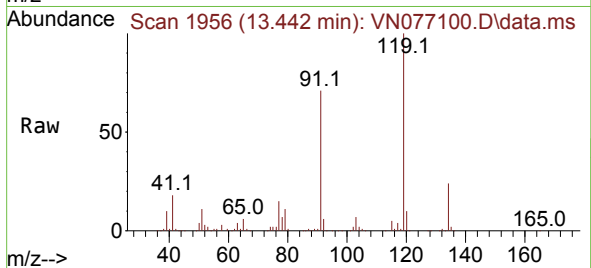
Tgt Ion:119 Resp: 302181

Ion Ratio Lower Upper

119 100

91 72.7 35.8 107.3

134 26.1 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.888 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077100.D

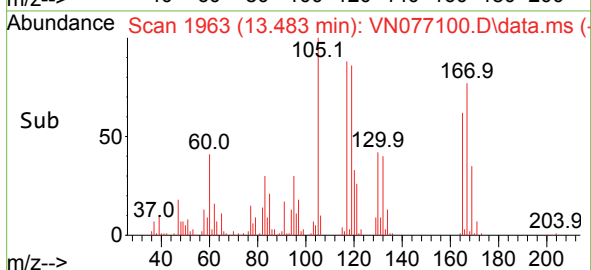
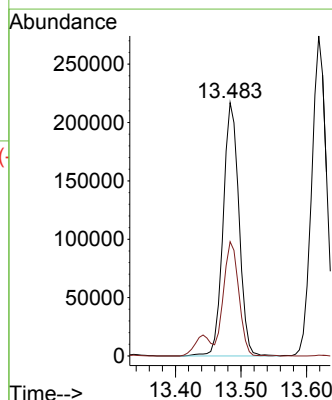
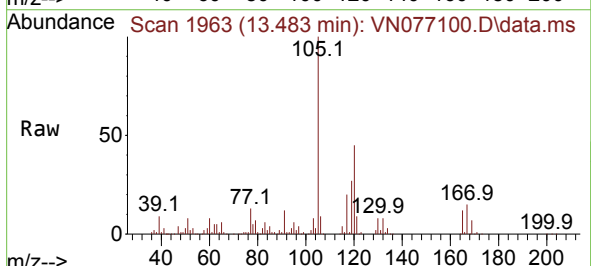
Acq: 22 Mar 2023 12:04

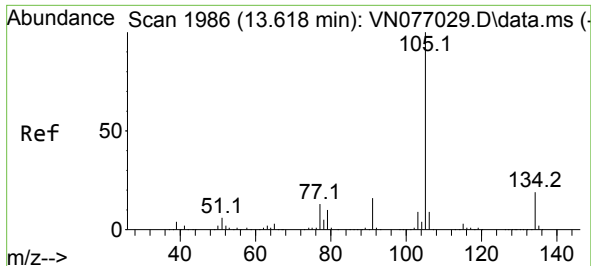
Tgt Ion:105 Resp: 362392

Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.3

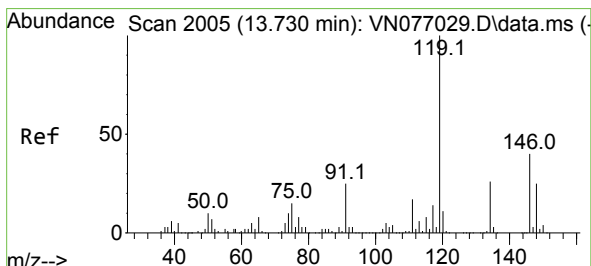
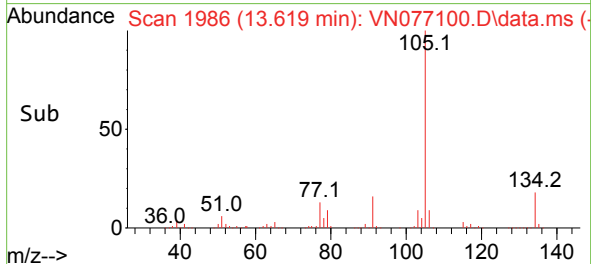
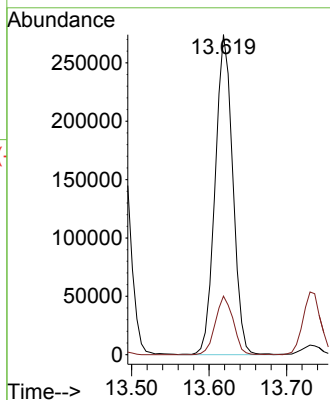
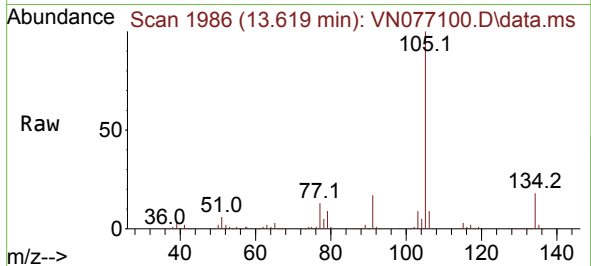




#85
 sec-Butylbenzene
 Concen: 20.892 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

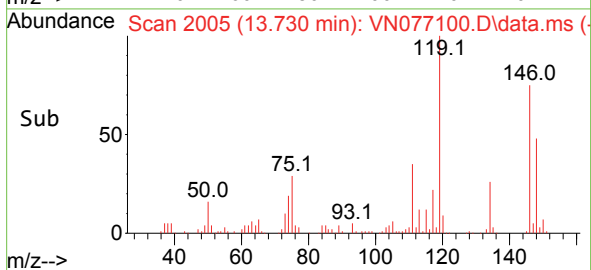
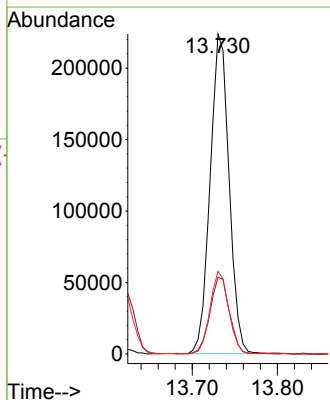
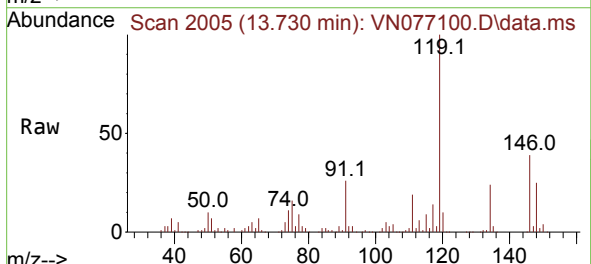
Instrument :
 MSVOA_N
 ClientSampleId :

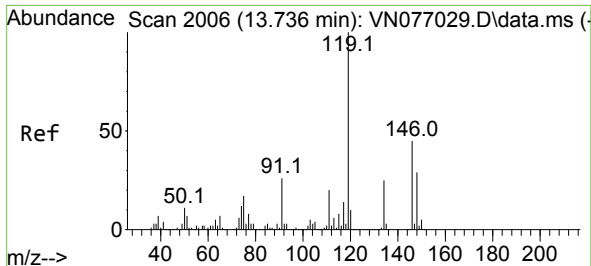
Tgt Ion:105 Resp: 433796
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 20.743 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion:119 Resp: 345879
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 25.6 12.7 38.1

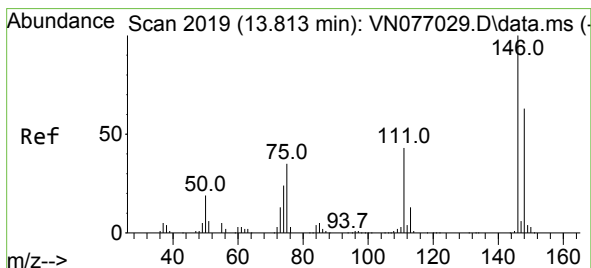
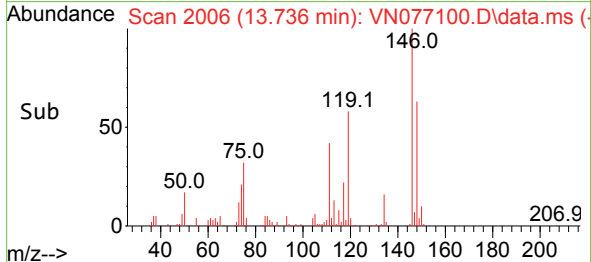
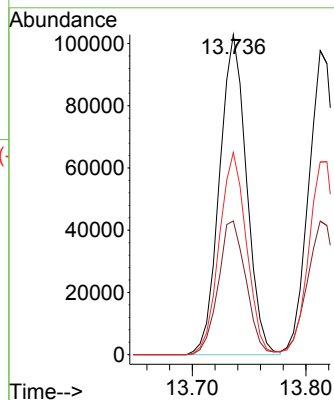
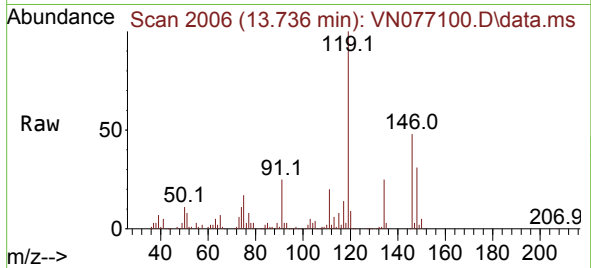




#87
1,3-Dichlorobenzene
Concen: 19.294 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

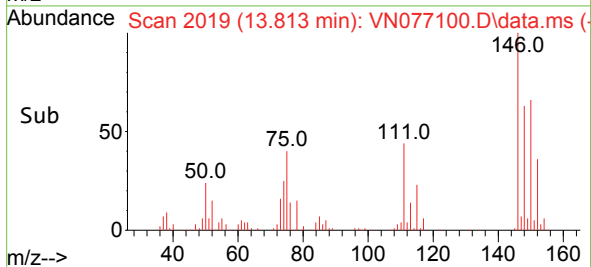
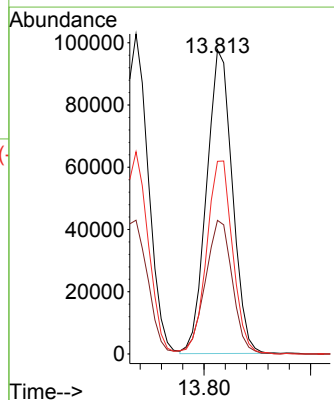
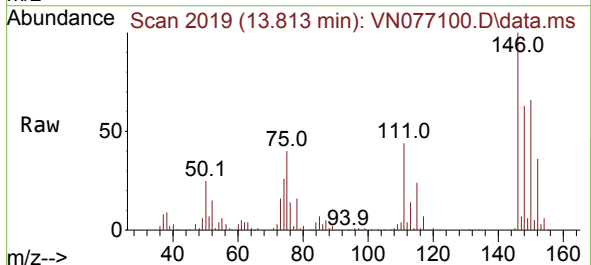
Instrument :
MSVOA_N
ClientSampleId :

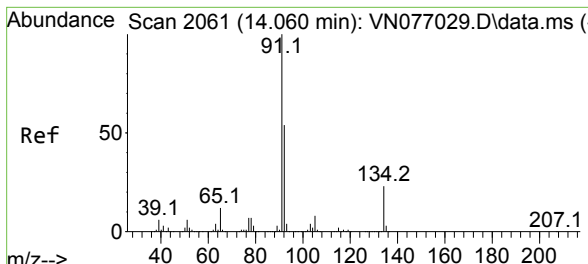
Tgt Ion:146 Resp: 170100
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 63.4 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 18.748 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:146 Resp: 164449
Ion Ratio Lower Upper
146 100
111 46.1 21.5 64.5
148 64.3 31.9 95.9

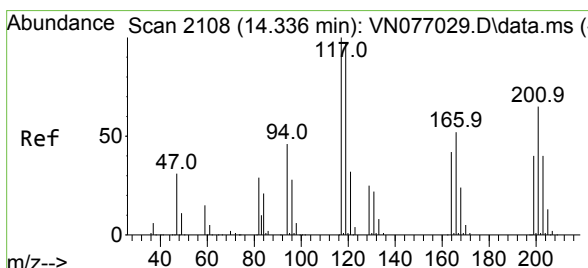
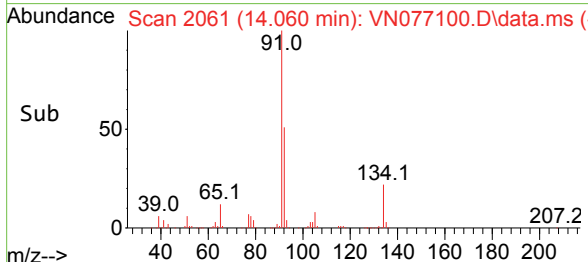
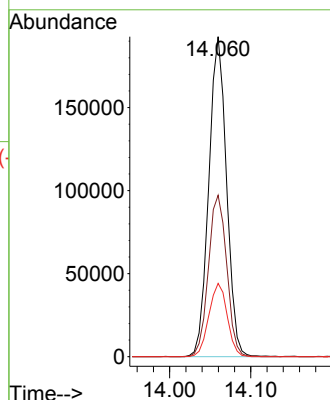
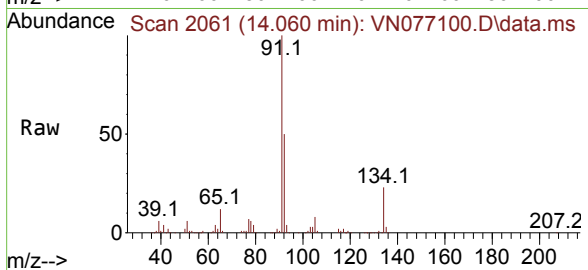




#89
 n-Butylbenzene
 Concen: 19.984 ug/l
 RT: 14.060 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

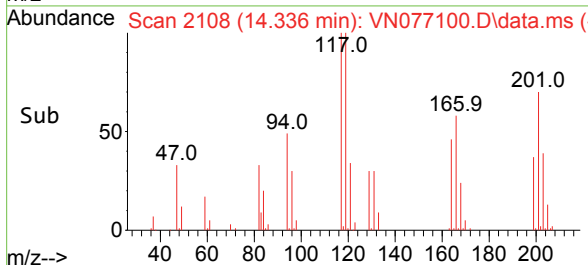
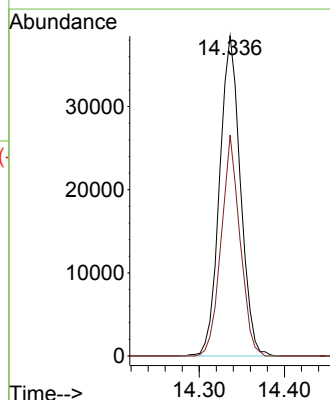
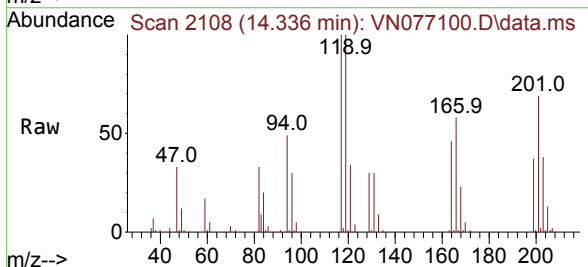
Instrument :
 MSVOA_N
 ClientSampleId :

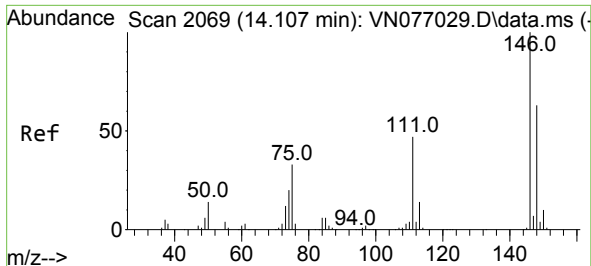
Tgt Ion: 91 Resp: 292323
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.5 79.5
 134 23.7 11.7 35.1



#90
 Hexachloroethane
 Concen: 19.286 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion: 117 Resp: 65384
 Ion Ratio Lower Upper
 117 100
 201 62.3 32.5 97.4

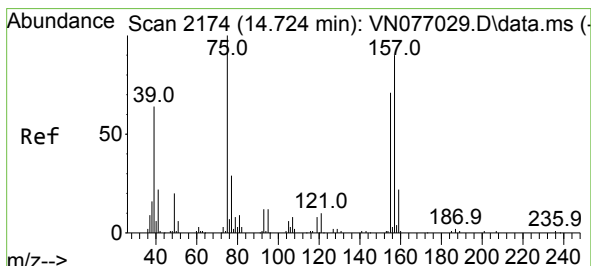
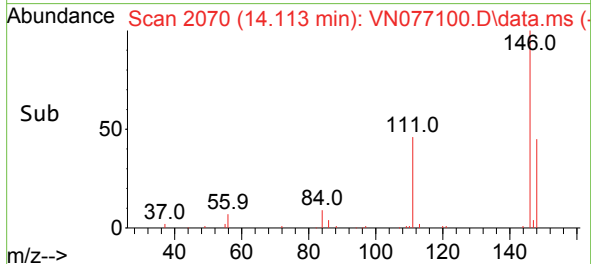
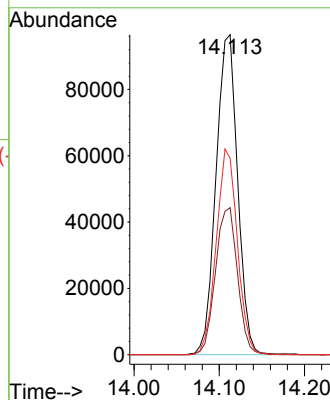
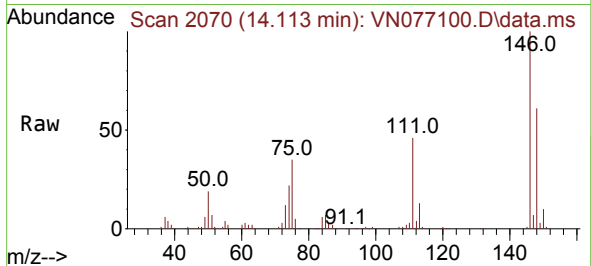




#91
 1,2-Dichlorobenzene
 Concen: 19.371 ug/l
 RT: 14.113 min Scan# 2069
 Delta R.T. 0.006 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

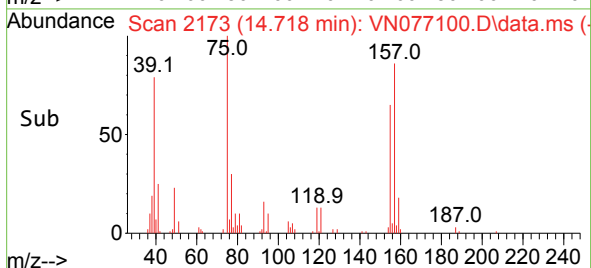
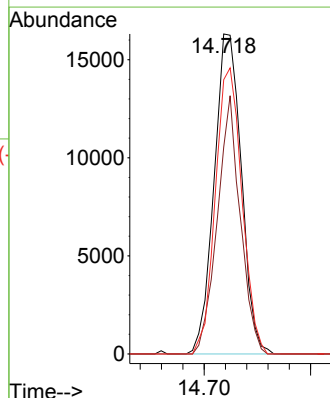
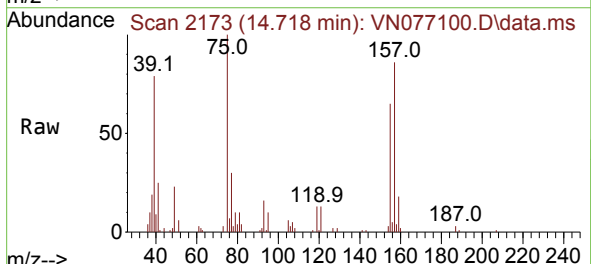
Instrument :
 MSVOA_N
 ClientSampleId :

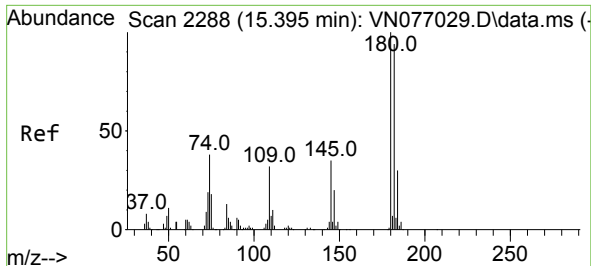
Tgt Ion:146 Resp: 170227
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.6 67.7
 148 62.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.687 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077100.D
 Acq: 22 Mar 2023 12:04

Tgt Ion: 75 Resp: 28918
 Ion Ratio Lower Upper
 75 100
 155 68.0 36.1 108.3
 157 87.3 45.8 137.3

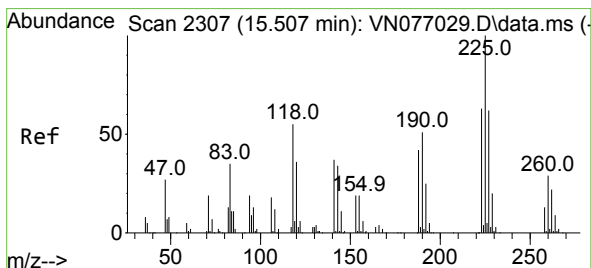
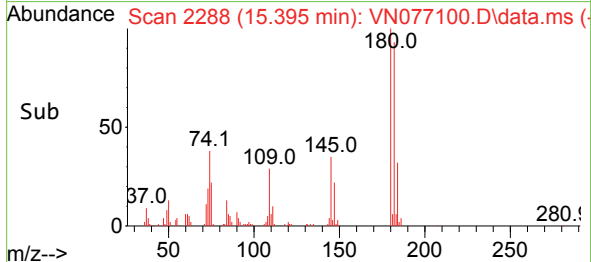
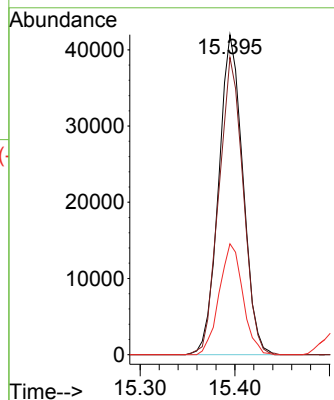
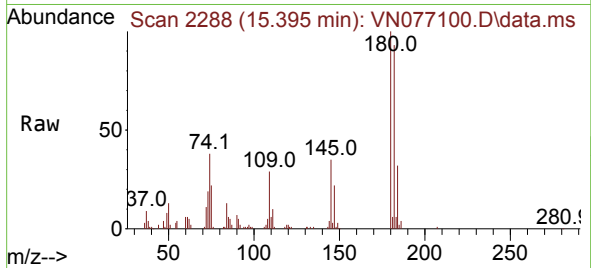




#93
1,2,4-Trichlorobenzene
Concen: 18.811 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

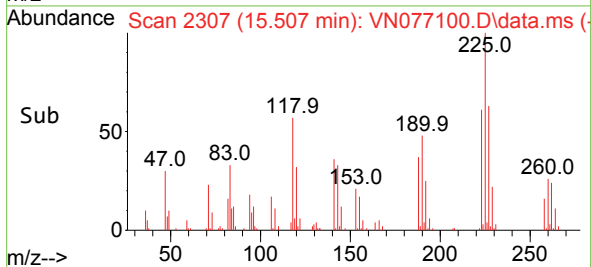
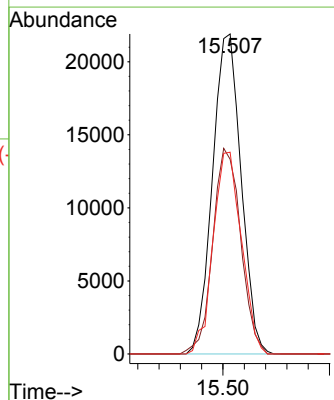
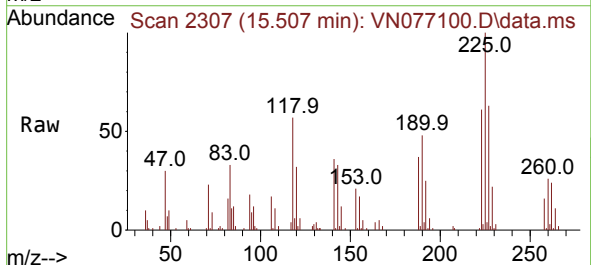
Instrument :
MSVOA_N
ClientSampleId :

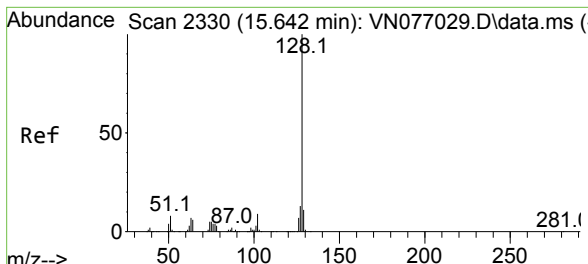
Tgt Ion:180 Resp: 74728
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.9
145 33.8 16.9 50.7



#94
Hexachlorobutadiene
Concen: 18.649 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:225 Resp: 40800
Ion Ratio Lower Upper
225 100
223 62.9 31.6 95.0
227 62.5 31.3 93.8

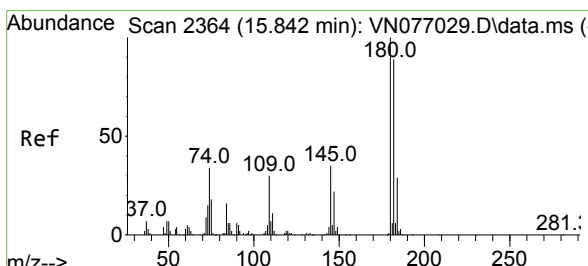
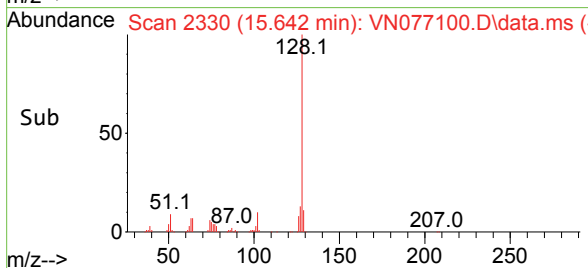
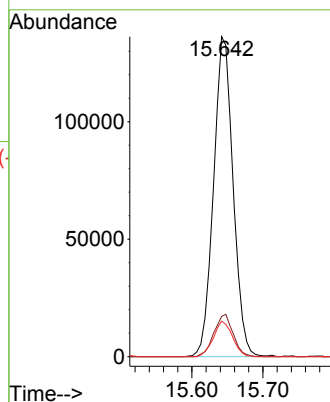
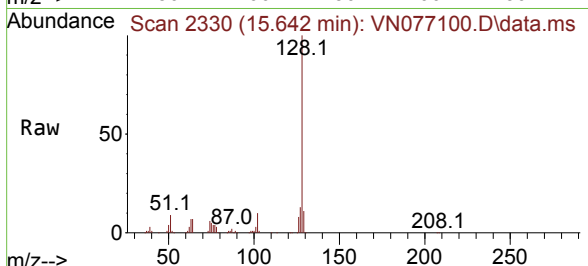




#95
Naphthalene
Concen: 18.125 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 260238
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.888 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077100.D
Acq: 22 Mar 2023 12:04

Tgt Ion:180 Resp: 75290
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.2
145 37.1 17.9 53.8

