

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077188.D
 Acq On : 24 Mar 2023 21:18
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 25 06:00:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 25 05:52:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	406555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	701807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	61990	9.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.460%#
35) Dibromofluoromethane	8.166	113	47280	9.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.780%#
50) Toluene-d8	10.571	98	169352	9.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.940%#
62) 4-Bromofluorobenzene	12.854	95	52035	8.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.560%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	38845	8.606	ug/l	97
3) Chloromethane	2.378	50	53864	8.951	ug/l	95
4) Vinyl Chloride	2.525	62	60789	9.132	ug/l	99
5) Bromomethane	2.966	94	55963	10.621	ug/l	100
6) Chloroethane	3.131	64	70767	12.169	ug/l	98
7) Trichlorofluoromethane	3.513	101	106301	11.413	ug/l	97
8) Diethyl Ether	3.972	74	26933	8.598	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.384	101	42137	9.317	ug/l	98
10) Methyl Iodide	4.601	142	43221	8.585	ug/l	97
11) Tert butyl alcohol	5.525	59	39388	44.722	ug/l	99
12) 1,1-Dichloroethene	4.354	96	39972	9.494	ug/l	94
13) Acrolein	4.195	56	60641	49.907	ug/l	98
14) Allyl chloride	5.037	41	73110	8.912	ug/l	99
15) Acrylonitrile	5.725	53	125930	46.087	ug/l	97
16) Acetone	4.437	43	111914	46.038	ug/l	100
17) Carbon Disulfide	4.731	76	104443	8.668	ug/l	99
18) Methyl Acetate	5.037	43	88947	9.219	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	133808	8.855	ug/l	99
20) Methylene Chloride	5.289	84	49131	8.836	ug/l	91
21) trans-1,2-Dichloroethene	5.801	96	43304	9.253	ug/l	95
22) Diisopropyl ether	6.683	45	154749	9.218	ug/l	96
23) Vinyl Acetate	6.619	43	467014	37.960	ug/l	99
24) 1,1-Dichloroethane	6.578	63	87788	9.025	ug/l	98
25) 2-Butanone	7.495	43	171658	46.625	ug/l	99
26) 2,2-Dichloropropane	7.495	77	60569	9.176	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	47871	8.805	ug/l	94
28) Bromochloromethane	7.819	49	57355	11.706	ug/l	97
29) Tetrahydrofuran	7.848	42	112626	46.909	ug/l	100
30) Chloroform	7.972	83	88529	9.222	ug/l	92
31) Cyclohexane	8.260	56	86470	9.714	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	75778	9.206	ug/l	97
36) 1,1-Dichloropropene	8.377	75	61042	9.096	ug/l	98
37) Ethyl Acetate	7.572	43	67513	9.075	ug/l	98
38) Carbon Tetrachloride	8.366	117	61370	8.899	ug/l	98
39) Methylcyclohexane	9.607	83	67793	8.890	ug/l	98
40) Benzene	8.613	78	194488	9.440	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36968	9.050	ug/l	98
42) 1,2-Dichloroethane	8.677	62	72782	9.330	ug/l	100
43) Isopropyl Acetate	8.695	43	111707	9.390	ug/l	99
44) Trichloroethene	9.354	130	44051	9.154	ug/l	95
45) 1,2-Dichloropropane	9.624	63	51134	9.358	ug/l	99
46) Dibromomethane	9.713	93	32590	9.339	ug/l	96
47) Bromodichloromethane	9.895	83	66355	9.218	ug/l	98
48) Methyl methacrylate	9.683	41	52070	9.053	ug/l	96
49) 1,4-Dioxane	9.701	88	18145	192.436	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	351669	48.279	ug/l	97
52) Toluene	10.630	92	115299	9.340	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	59844	8.406	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	69593	8.916	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	45978	9.634	ug/l	93
56) Ethyl methacrylate	10.877	69	59265	9.083	ug/l	96
57) 1,3-Dichloropropane	11.166	76	81229	9.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	130047	50.479	ug/l	99
59) 2-Hexanone	11.201	43	243054	47.084	ug/l	96
60) Dibromochloromethane	11.360	129	43544	8.729	ug/l	96
61) 1,2-Dibromoethane	11.471	107	43640	9.016	ug/l	96
64) Tetrachloroethene	11.107	164	37558	9.516	ug/l	95
65) Chlorobenzene	11.895	112	117864	9.036	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.960	131	41944	8.935	ug/l	98
67) Ethyl Benzene	11.965	91	204800	9.001	ug/l	99
68) m/p-Xylenes	12.077	106	158988	18.960	ug/l	95
69) o-Xylene	12.407	106	74169	8.972	ug/l	98
70) Styrene	12.413	104	121349	9.778	ug/l	96
71) Bromoform	12.583	173	29292	8.581	ug/l #	100
73) Isopropylbenzene	12.701	105	191013	9.455	ug/l	98
74) N-amyl acetate	12.495	43	80013	9.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	67828	9.863	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	81276	12.863	ug/l	56
77) Bromobenzene	12.977	156	43630	9.014	ug/l	96
78) n-propylbenzene	13.036	91	212399	9.275	ug/l	99
79) 2-Chlorotoluene	13.124	91	136319	9.424	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	155848	9.550	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	16045	8.563	ug/l	88
82) 4-Chlorotoluene	13.224	91	128291	9.182	ug/l	99
83) tert-Butylbenzene	13.442	119	128552	8.923	ug/l	93
84) 1,2,4-Trimethylbenzene	13.489	105	150738	9.426	ug/l	99
85) sec-Butylbenzene	13.618	105	183243	9.249	ug/l	99
86) p-Isopropyltoluene	13.730	119	144760	9.928	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	79436	8.936	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78635	8.666	ug/l	97
89) n-Butylbenzene	14.059	91	108127	9.336	ug/l	99
90) Hexachloroethane	14.336	117	27868	8.802	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	78347	8.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	11489	9.203	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	25385	8.991	ug/l	96
94) Hexachlorobutadiene	15.501	225	19846	9.037	ug/l	98
95) Naphthalene	15.648	128	65581	8.377	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	25296	9.047	ug/l	93

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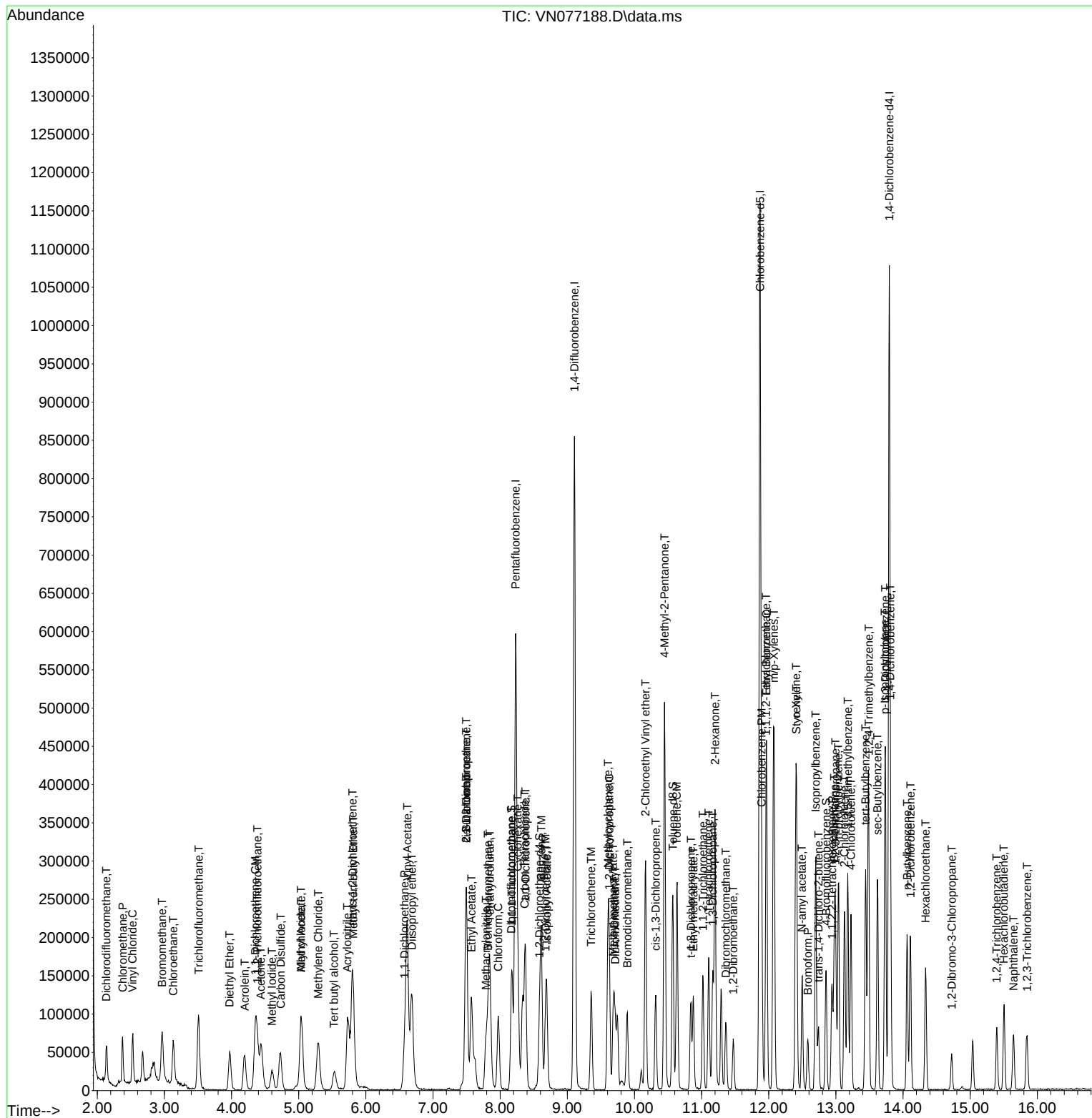
Quant Time: Mar 25 06:00:35 2023
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QLast Update : Sat Mar 25 05:52:26 2023
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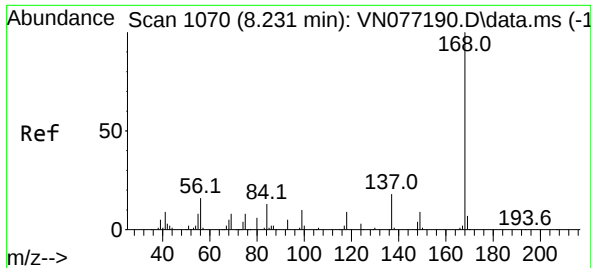
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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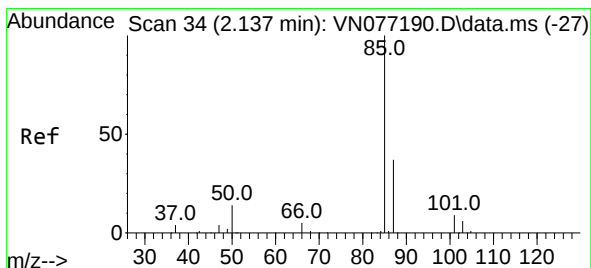
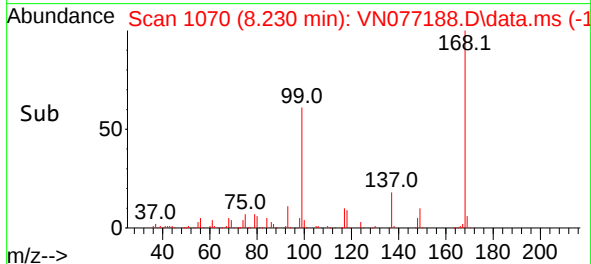
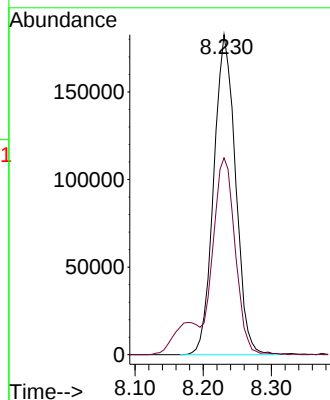
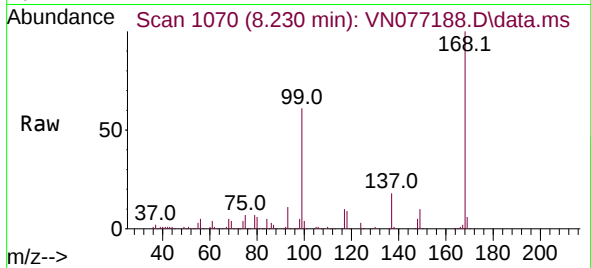




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077188.D
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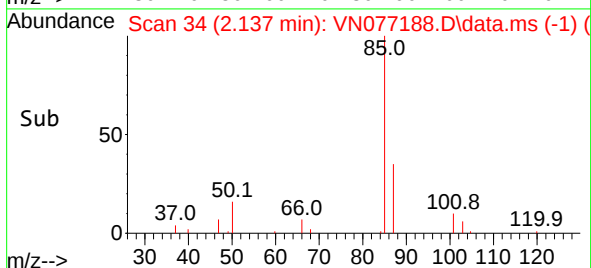
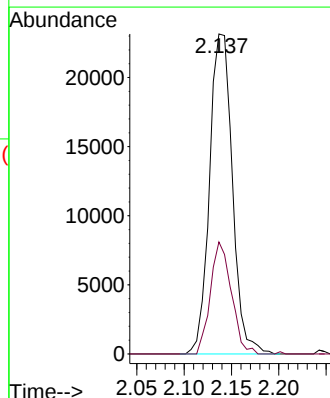
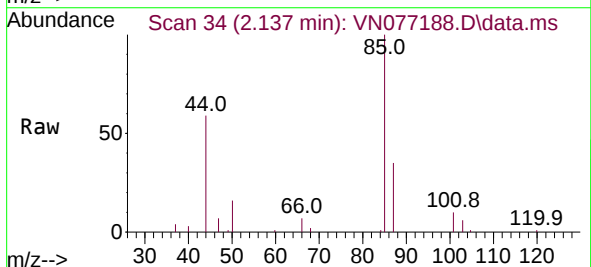
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

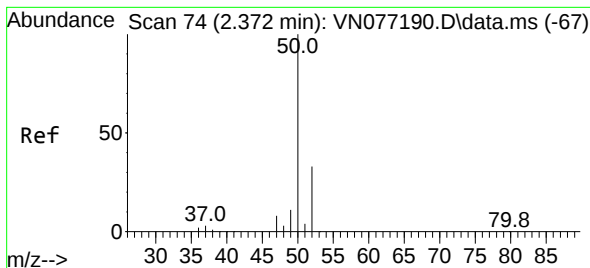
Tgt Ion:168 Resp: 406555
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 8.606 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 85 Resp: 38845
Ion Ratio Lower Upper
85 100
87 35.0 18.5 55.5





#3

Chloromethane

Concen: 8.951 ug/l

RT: 2.378 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

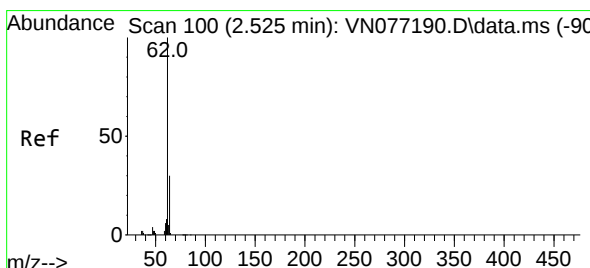
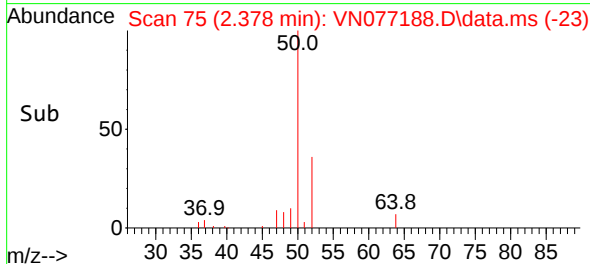
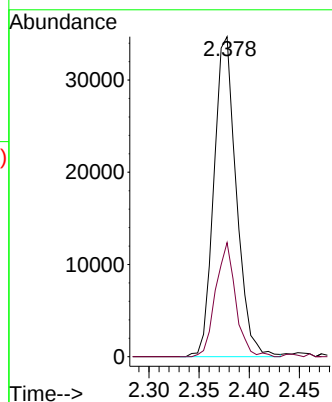
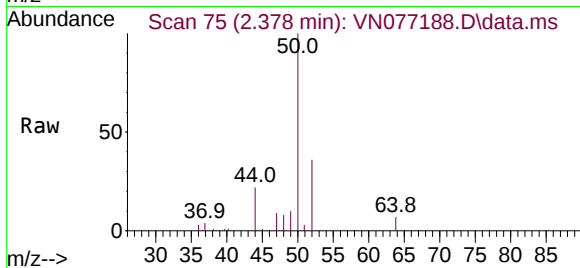
VSTDIC010

Tgt Ion: 50 Resp: 53864

Ion Ratio Lower Upper

50 100

52 35.6 26.2 39.4



#4

Vinyl Chloride

Concen: 9.132 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN077188.D

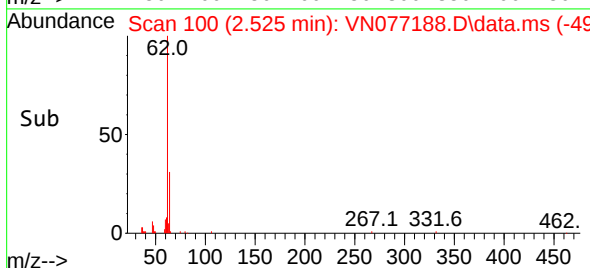
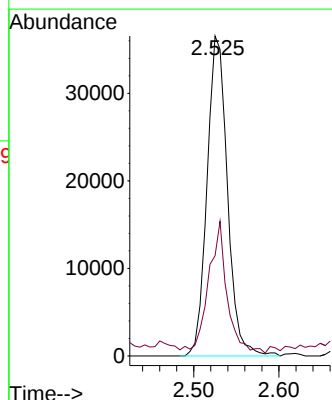
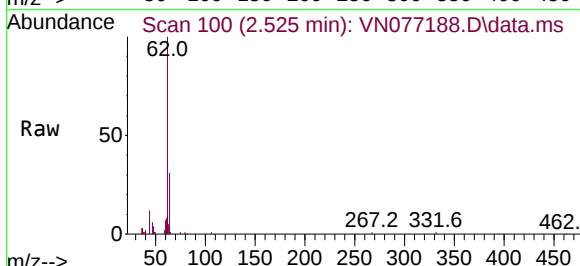
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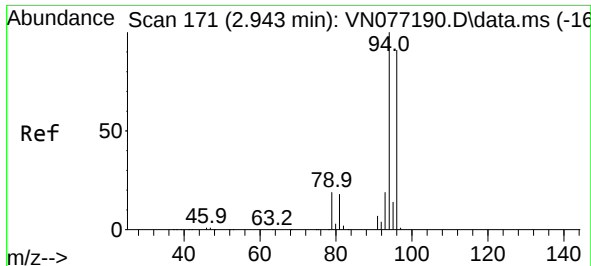
Tgt Ion: 62 Resp: 60789

Ion Ratio Lower Upper

62 100

64 29.7 24.4 36.6

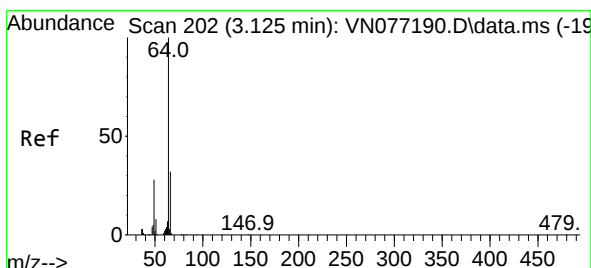
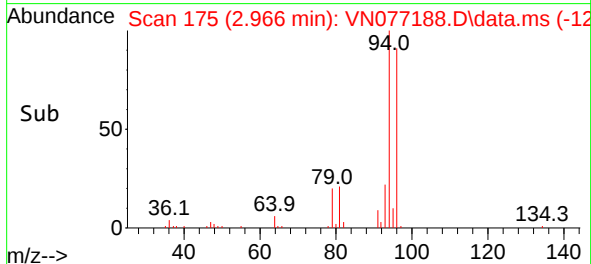
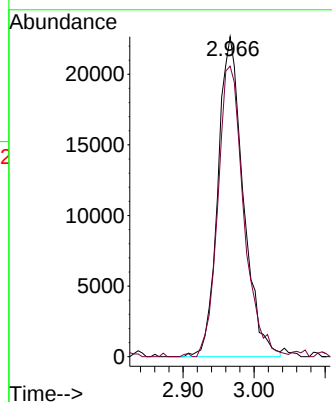
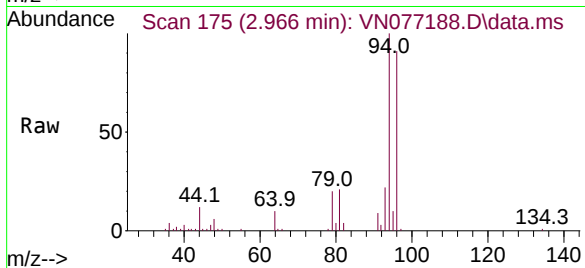




#5
Bromomethane
Concen: 10.621 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077188.D
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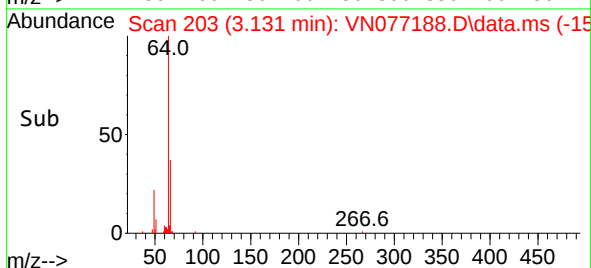
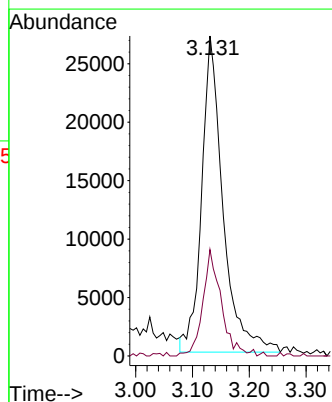
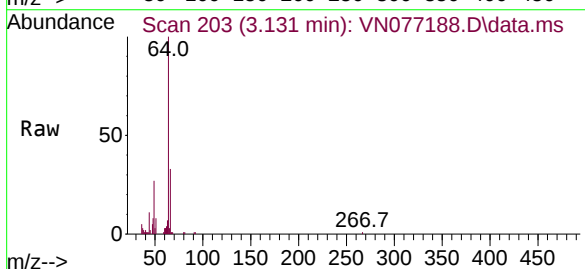
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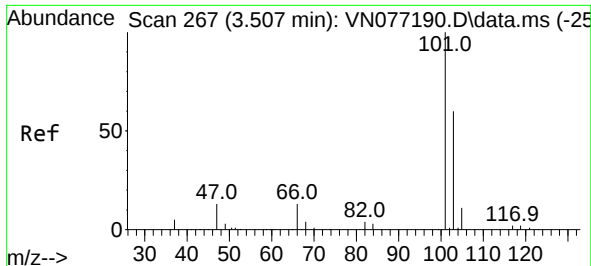
Tgt Ion: 94 Resp: 55963
Ion Ratio Lower Upper
94 100
96 90.8 72.5 108.7



#6
Chloroethane
Concen: 12.169 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 64 Resp: 70767
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

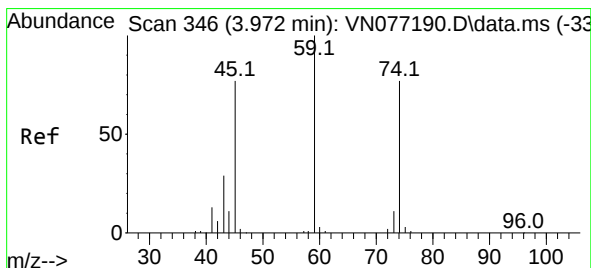
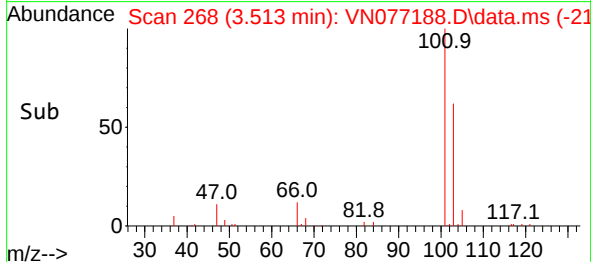
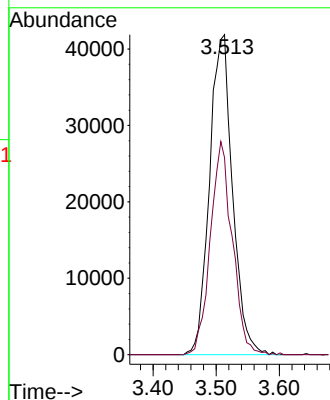
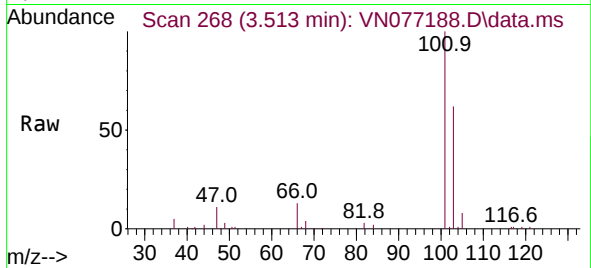




#7
 Trichlorofluoromethane
 Concen: 11.413 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

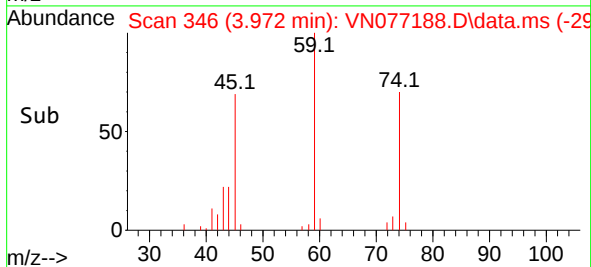
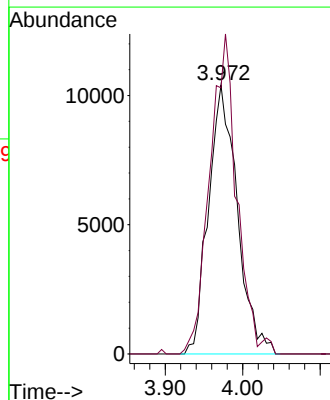
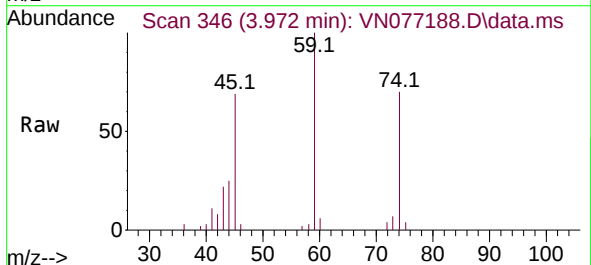
Instrument :
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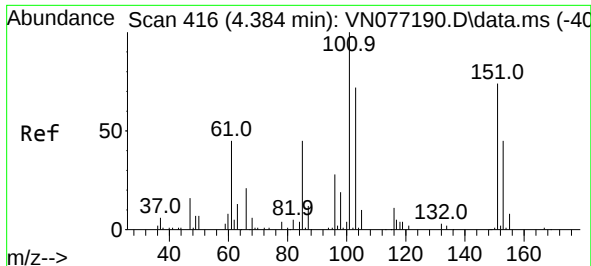
Tgt Ion:101 Resp: 106301
 Ion Ratio Lower Upper
 101 100
 103 61.6 47.6 71.4



#8
 Diethyl Ether
 Concen: 8.598 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077188.D
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Tgt Ion: 74 Resp: 26933
 Ion Ratio Lower Upper
 74 100
 45 110.6 51.1 153.4

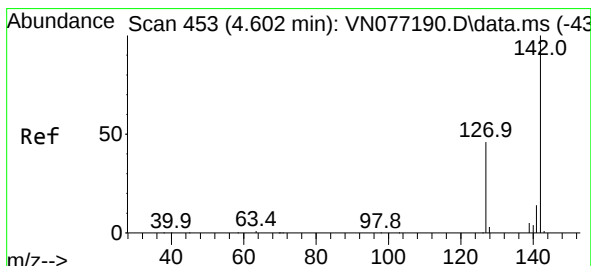
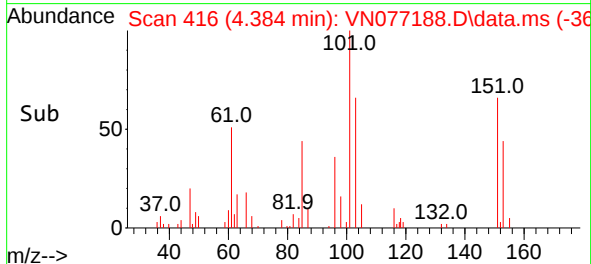
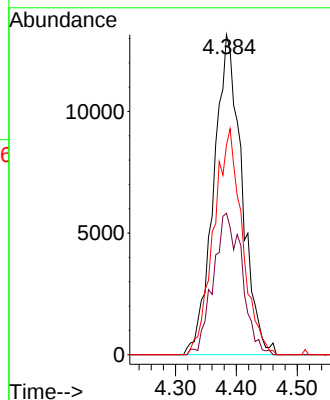
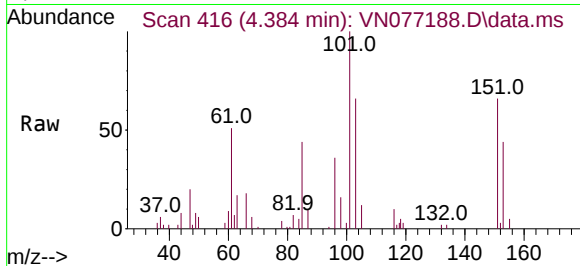




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.317 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

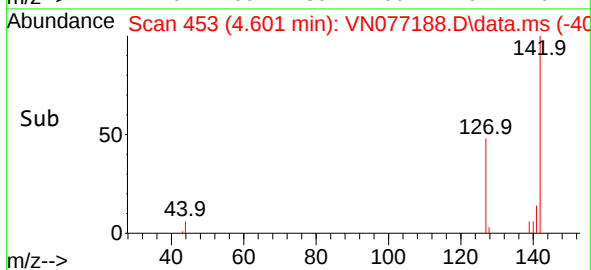
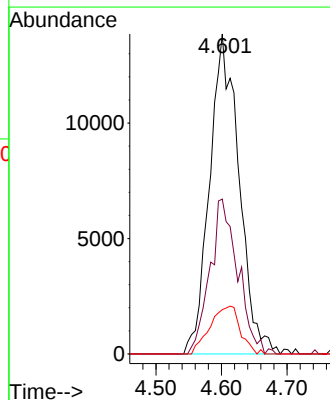
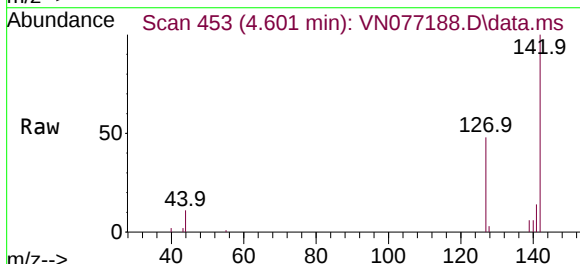
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

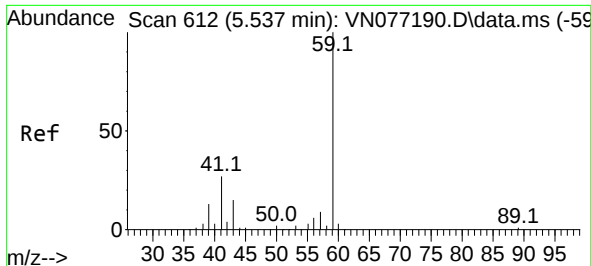
Tgt Ion:101 Resp: 42137
Ion Ratio Lower Upper
101 100
85 45.4 37.9 56.9
151 71.6 58.1 87.1



#10
Methyl Iodide
Concen: 8.585 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:142 Resp: 43221
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 13.9 11.0 16.4

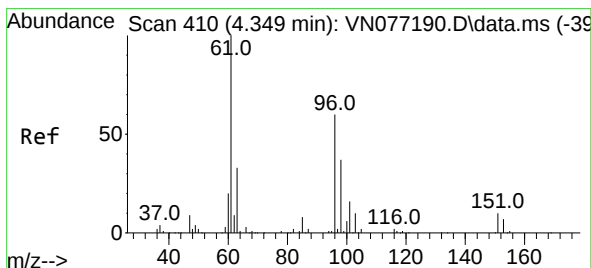
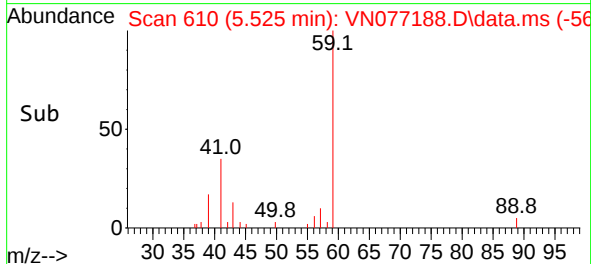
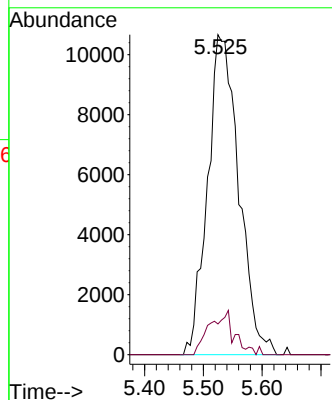
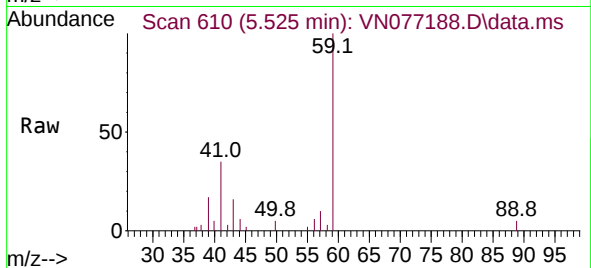




#11
Tert butyl alcohol
Concen: 44.722 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

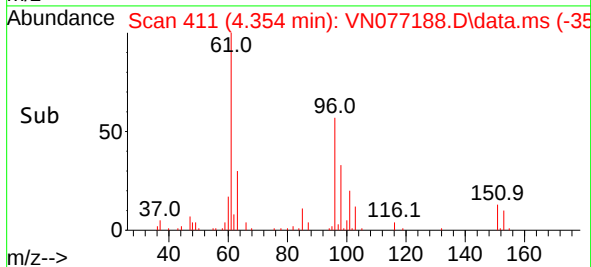
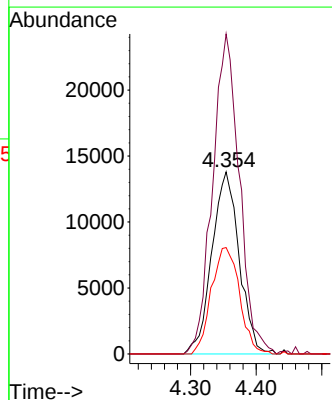
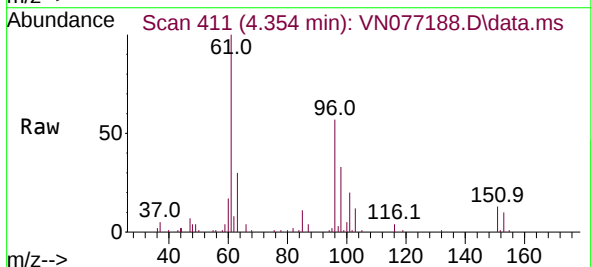
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

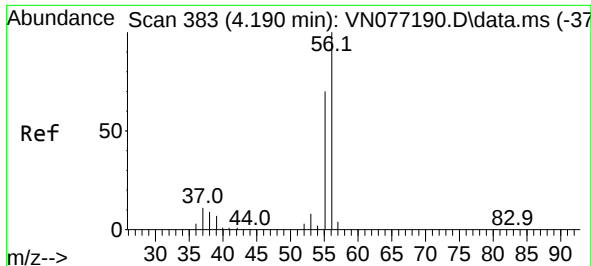
Tgt Ion: 59 Resp: 39388
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2



#12
1,1-Dichloroethene
Concen: 9.494 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 96 Resp: 39972
Ion Ratio Lower Upper
96 100
61 175.7 134.4 201.6
98 58.4 50.1 75.1

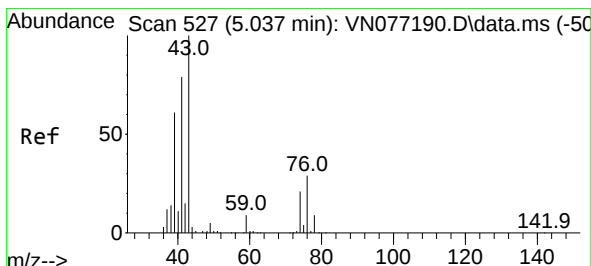
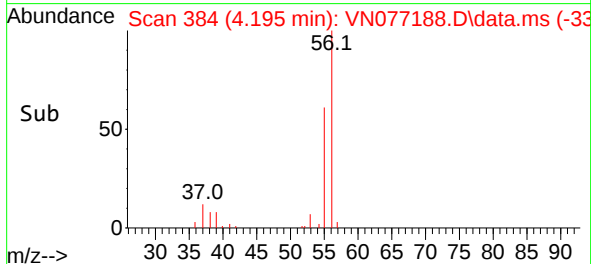
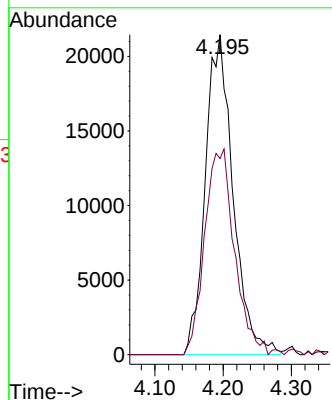
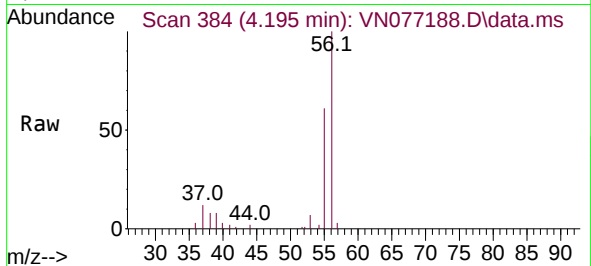




#13
Acrolein
Concen: 49.907 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

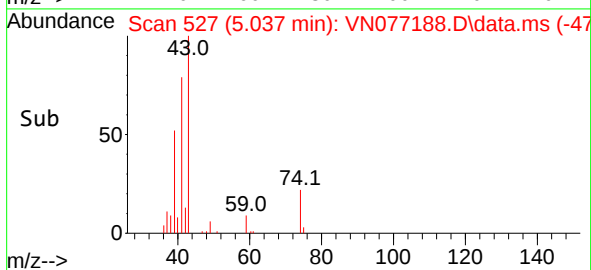
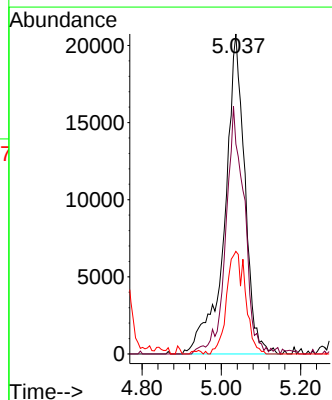
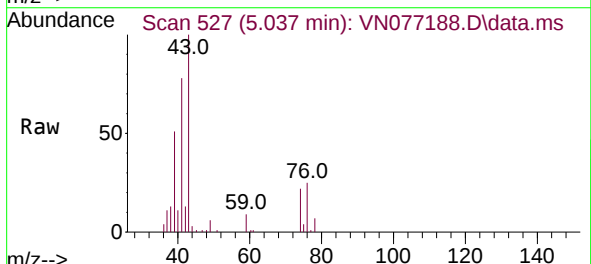
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

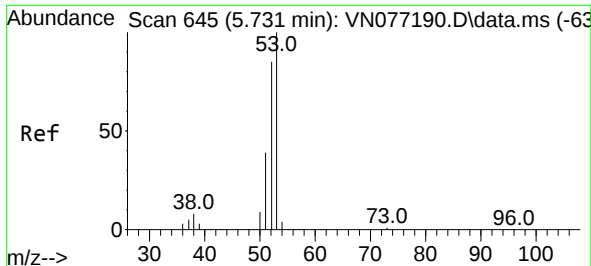
Tgt Ion: 56 Resp: 60641
Ion Ratio Lower Upper
56 100
55 69.2 56.8 85.2



#14
Allyl chloride
Concen: 8.912 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 41 Resp: 73110
Ion Ratio Lower Upper
41 100
39 70.8 56.8 85.2
76 30.0 25.0 37.6

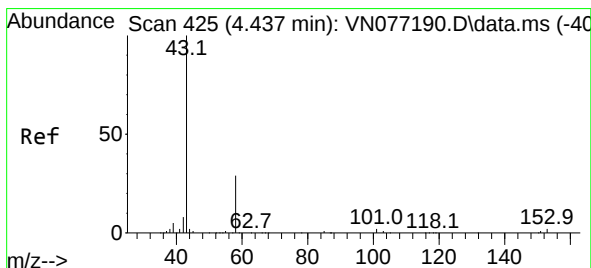
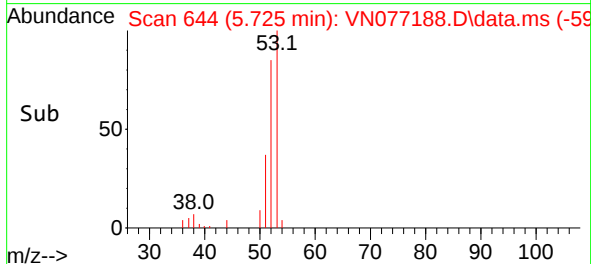
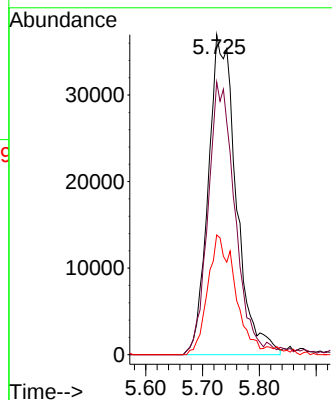
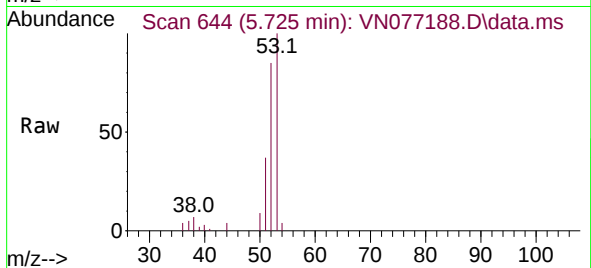




#15
Acrylonitrile
Concen: 46.087 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

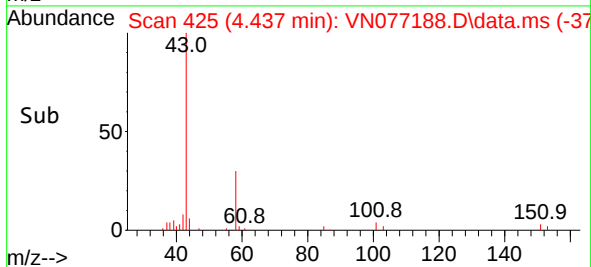
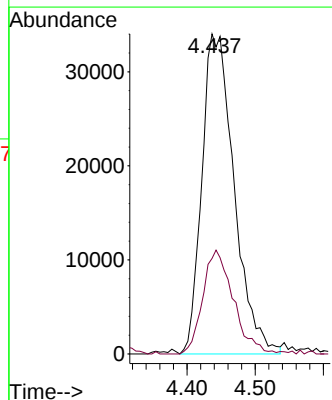
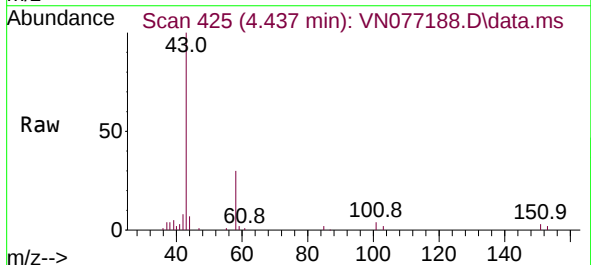
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

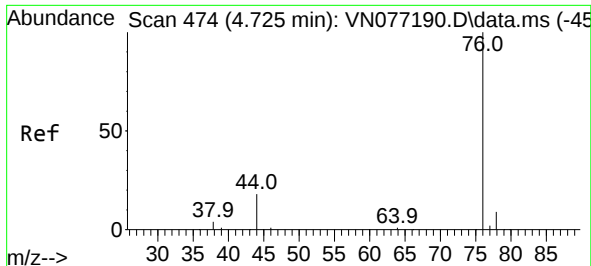
Tgt Ion: 53 Resp: 125930
Ion Ratio Lower Upper
53 100
52 81.4 67.6 101.4
51 36.9 29.8 44.6



#16
Acetone
Concen: 46.038 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 111914
Ion Ratio Lower Upper
43 100
58 29.9 23.7 35.5

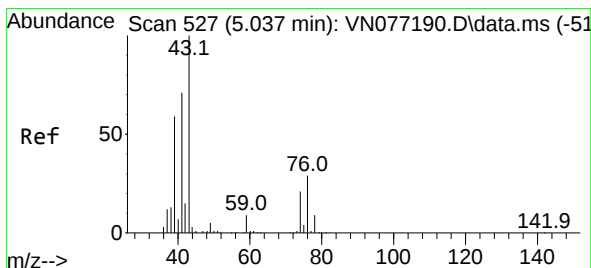
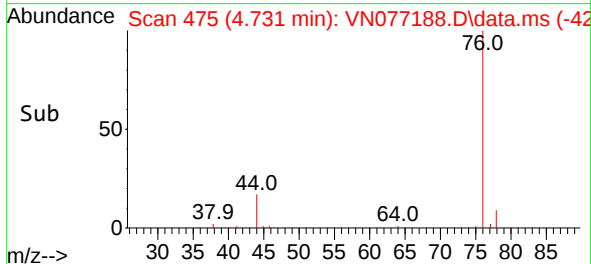
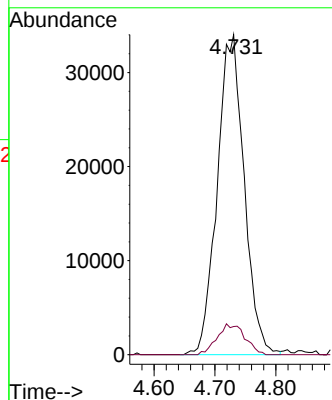
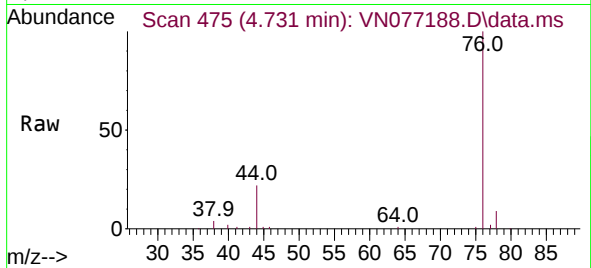




#17
Carbon Disulfide
Concen: 8.668 ug/l
RT: 4.731 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

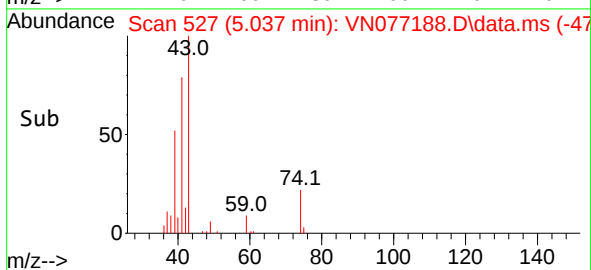
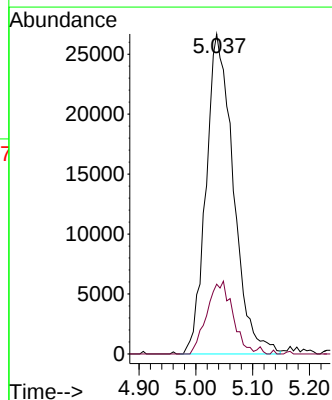
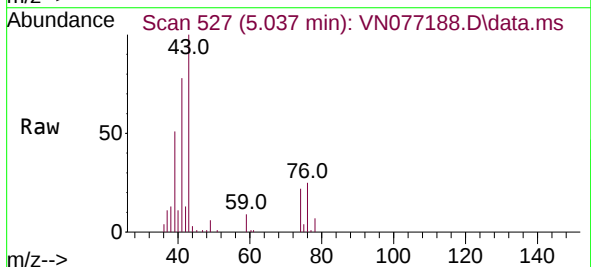
Instrument :
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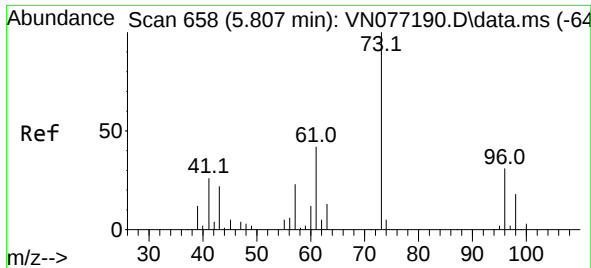
Tgt Ion: 76 Resp: 104443
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 9.219 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 88947
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3

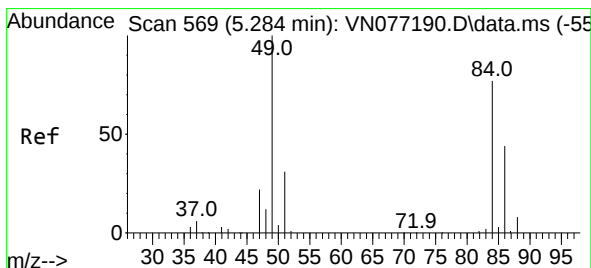
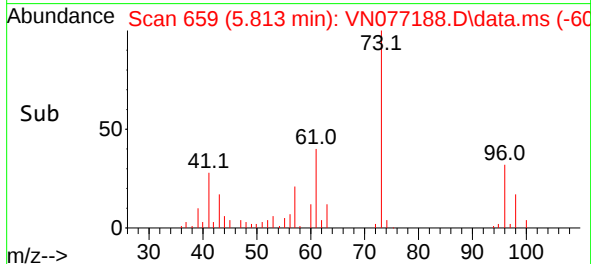
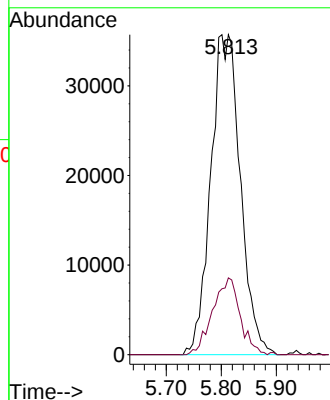
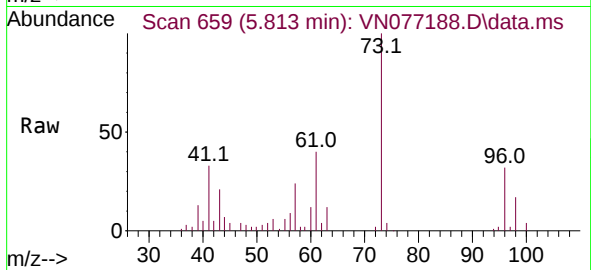




#19
Methyl tert-butyl Ether
Concen: 8.855 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

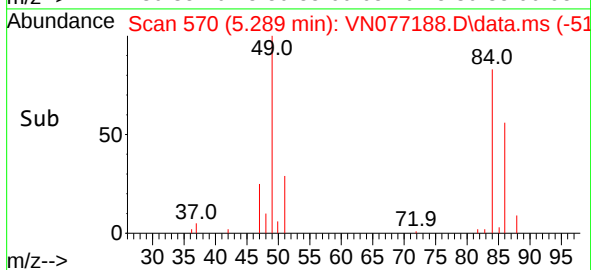
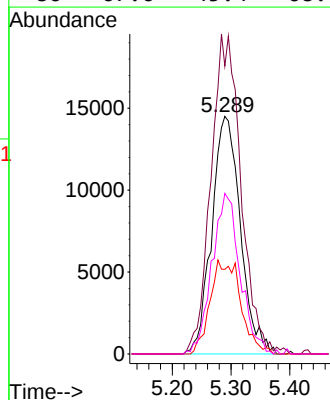
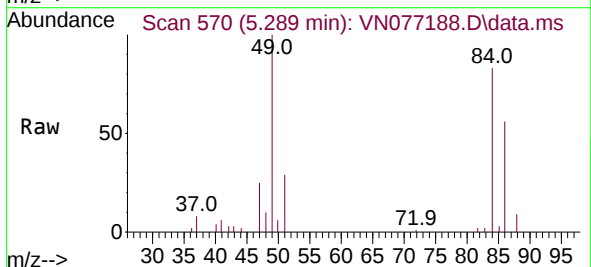
Instrument :
MSVOA_N
ClientSampleId :
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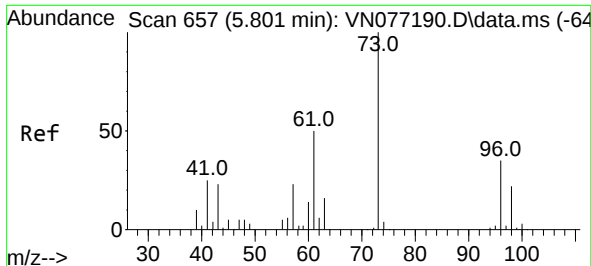
Tgt Ion: 73 Resp: 133808
Ion Ratio Lower Upper
73 100
57 24.0 18.7 28.1



#20
Methylene Chloride
Concen: 8.836 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 84 Resp: 49131
Ion Ratio Lower Upper
84 100
49 121.2 103.4 155.0
51 35.6 31.6 47.4
86 67.6 45.4 68.0

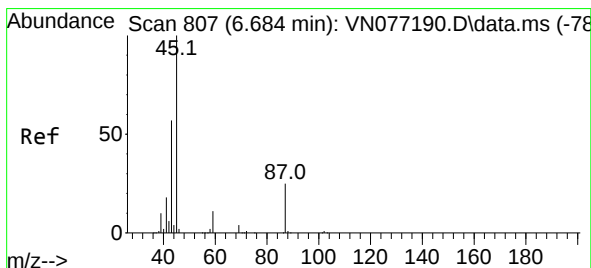
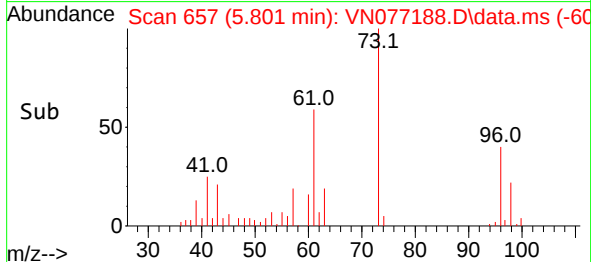
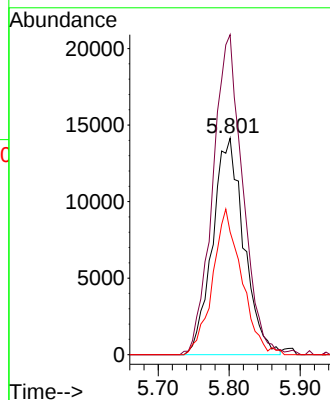
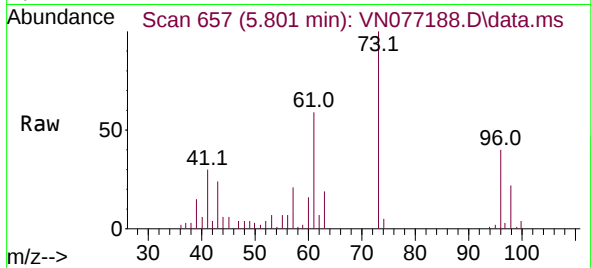




#21
trans-1,2-Dichloroethene
Concen: 9.253 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

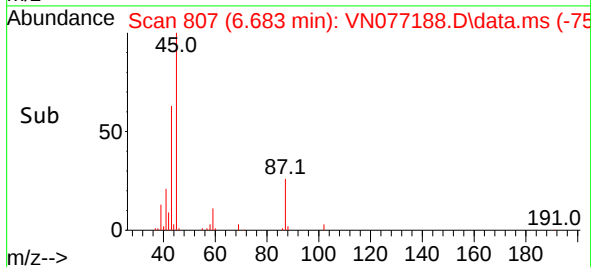
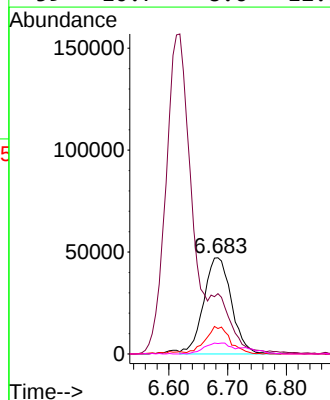
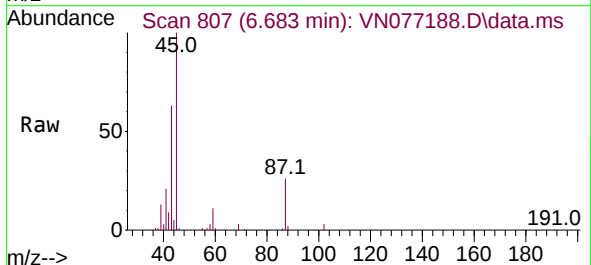
Instrument :
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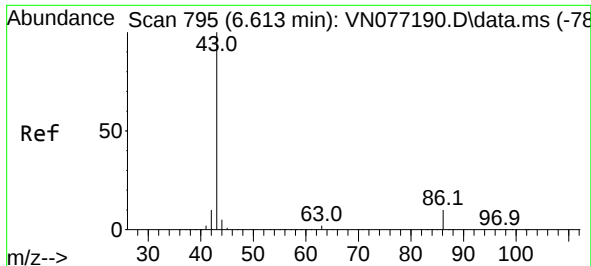
Tgt Ion: 96 Resp: 43304
Ion Ratio Lower Upper
96 100
61 147.8 116.0 174.0
98 56.7 51.7 77.5



#22
Diisopropyl ether
Concen: 9.218 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 45 Resp: 154749
Ion Ratio Lower Upper
45 100
43 60.9 45.5 68.3
87 26.4 20.2 30.4
59 10.7 8.6 12.8

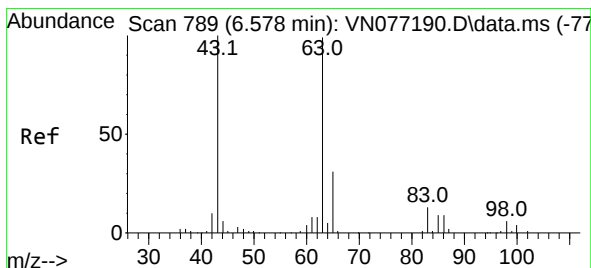
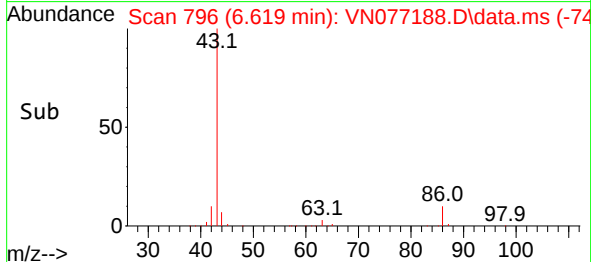
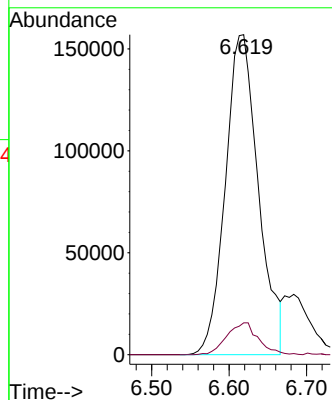
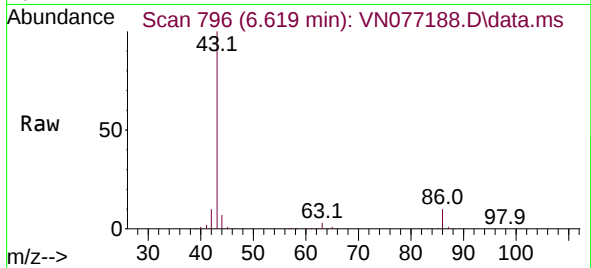




#23
 Vinyl Acetate
 Concen: 37.960 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

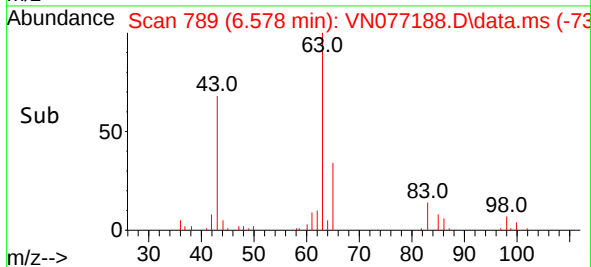
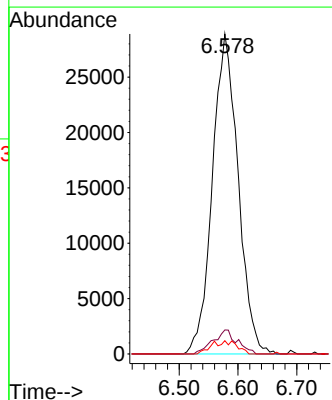
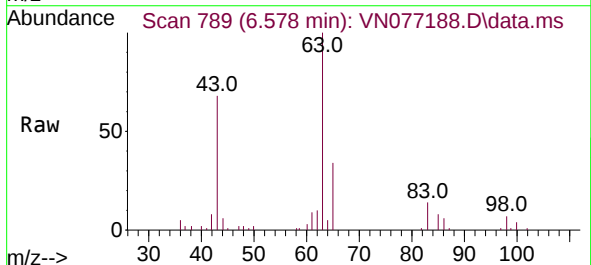
Instrument :
 MSVOA_N
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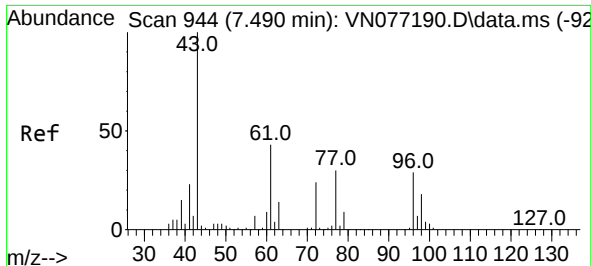
Tgt Ion: 43 Resp: 467014
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 9.025 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion: 63 Resp: 87788
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.1 2.1 6.5

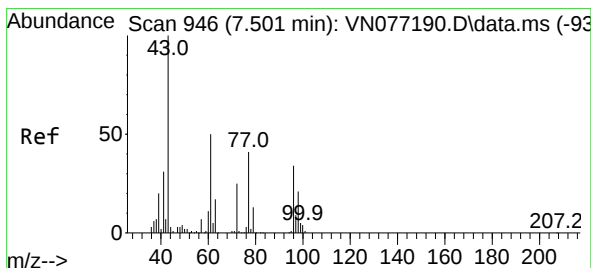
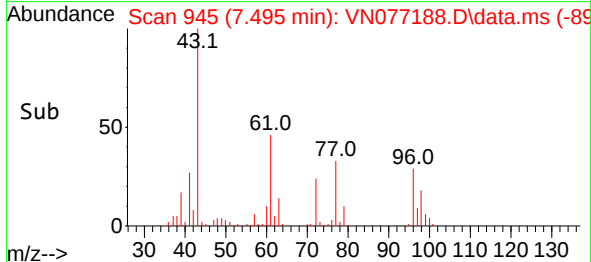
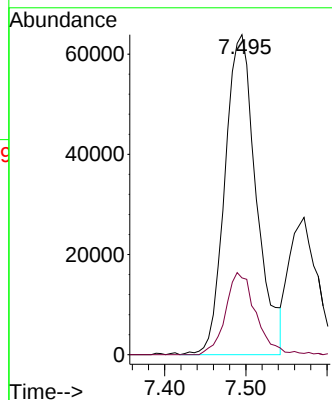
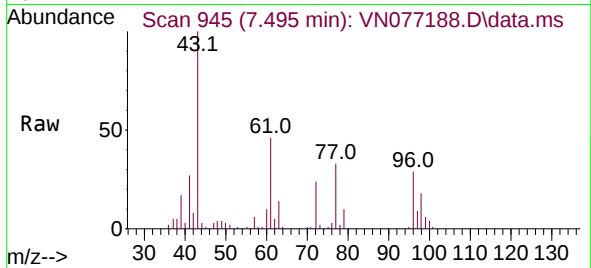




#25
2-Butanone
Concen: 46.625 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

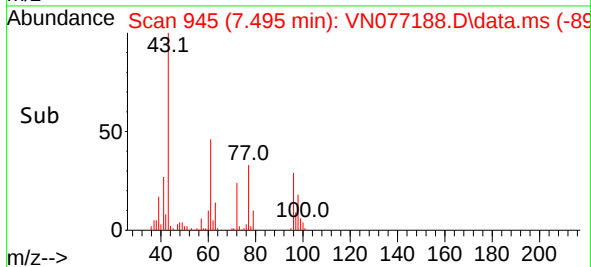
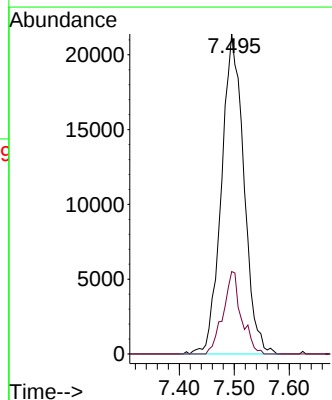
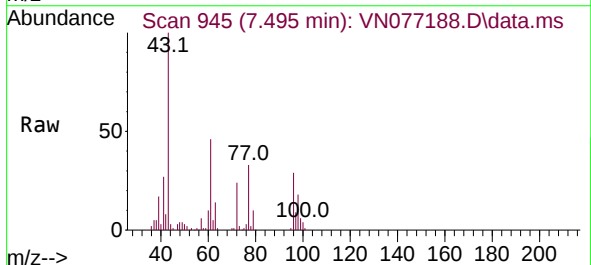
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ClientSampleId :
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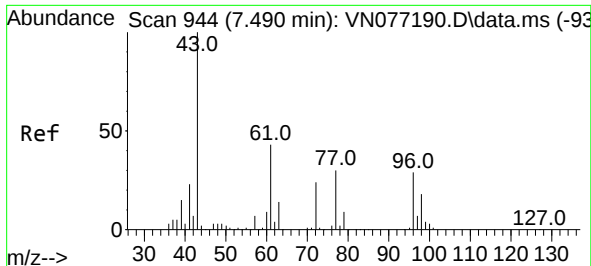
Tgt Ion: 43 Resp: 171658
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.4



#26
2,2-Dichloropropane
Concen: 9.176 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 77 Resp: 60569
Ion Ratio Lower Upper
77 100
97 20.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 8.805 ug/l

RT: 7.495 min Scan# 944

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

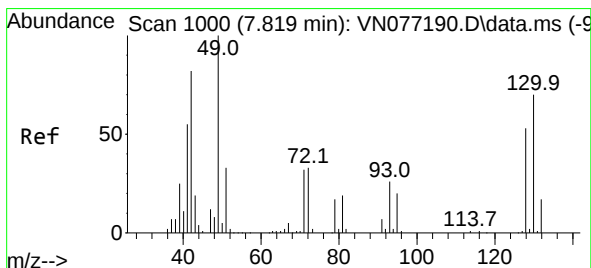
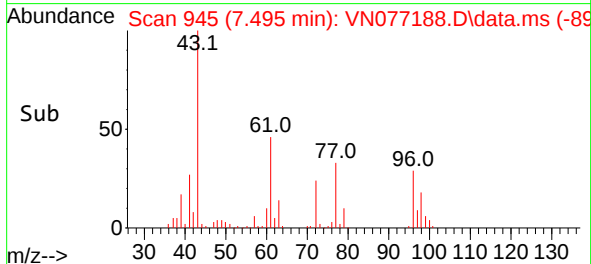
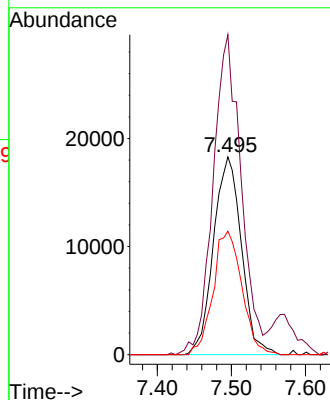
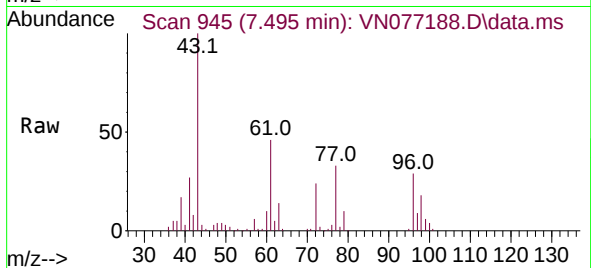
Tgt Ion: 96 Resp: 47871

Ion Ratio Lower Upper

96 100

61 161.4 0.0 303.6

98 64.3 0.0 126.0



#28

Bromochloromethane

Concen: 11.706 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

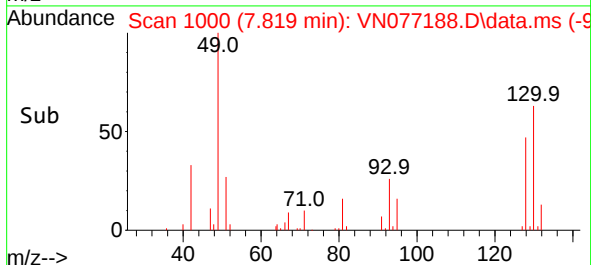
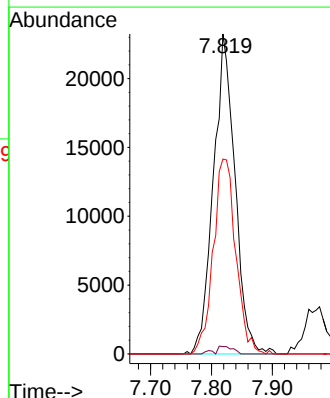
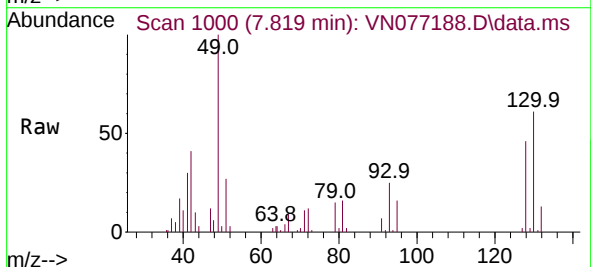
Tgt Ion: 49 Resp: 57355

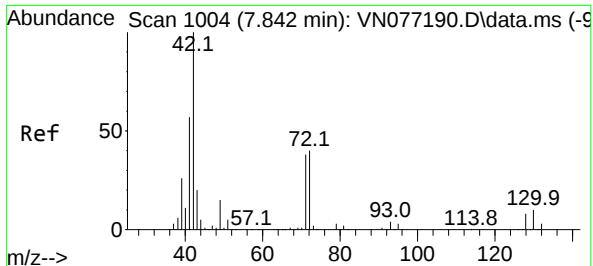
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 63.2 52.5 78.7





#29

Tetrahydrofuran

Concen: 46.909 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

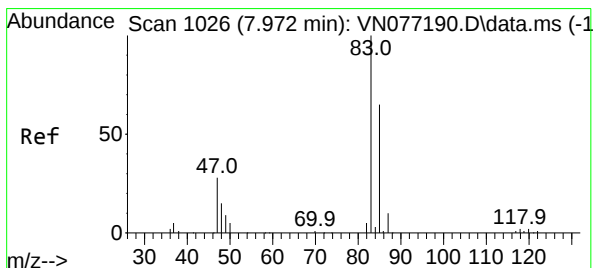
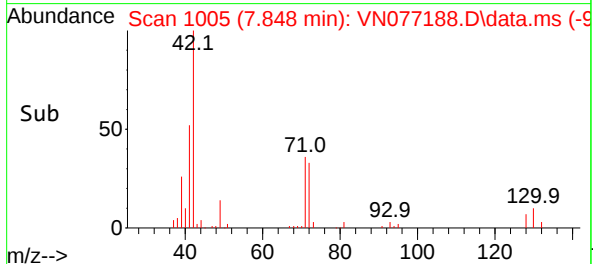
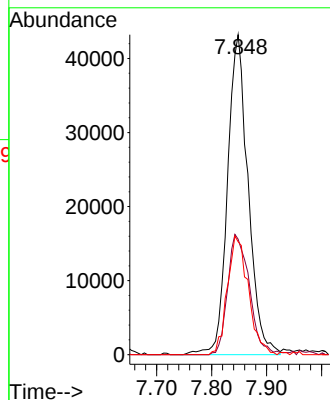
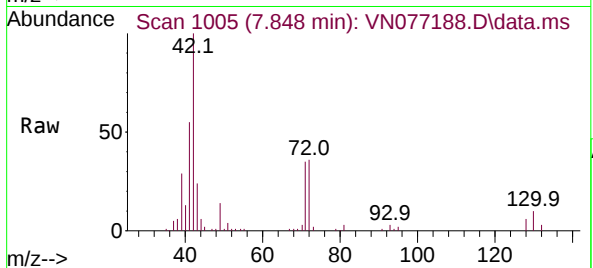
Tgt Ion: 42 Resp: 112626

Ion Ratio Lower Upper

42 100

72 39.7 32.1 48.1

71 37.7 30.2 45.4



#30

Chloroform

Concen: 9.222 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077188.D

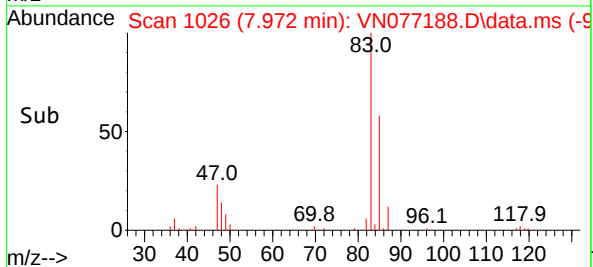
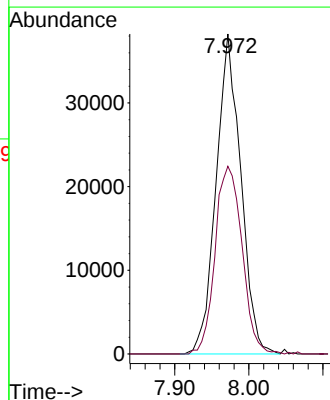
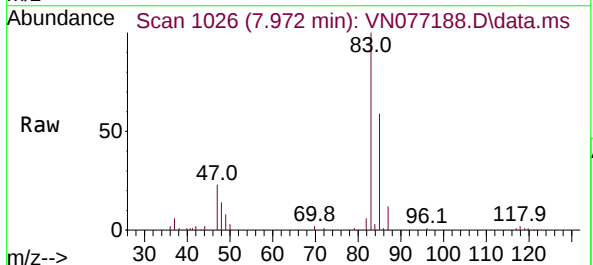
Acq: 24 Mar 2023 21:18

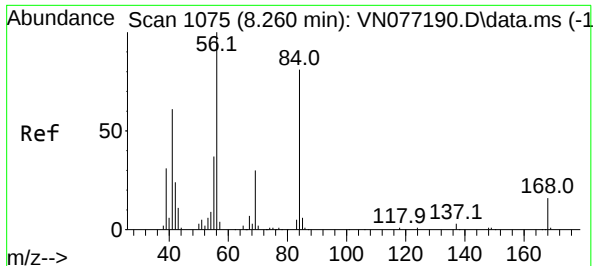
Tgt Ion: 83 Resp: 88529

Ion Ratio Lower Upper

83 100

85 58.6 52.2 78.4

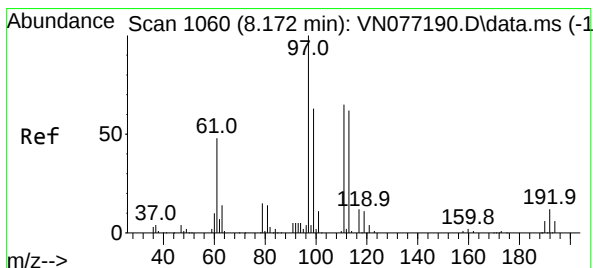
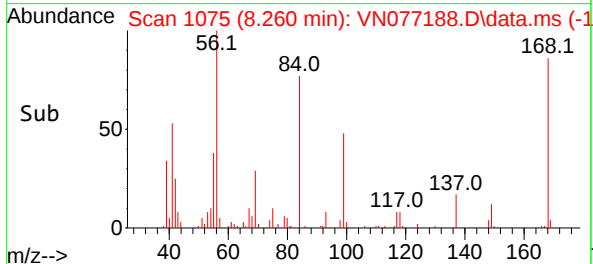
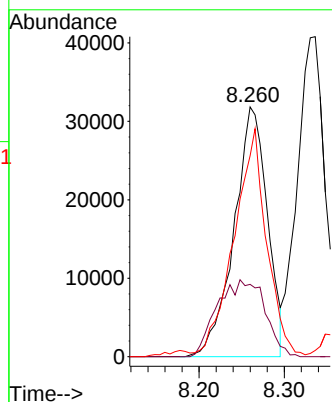
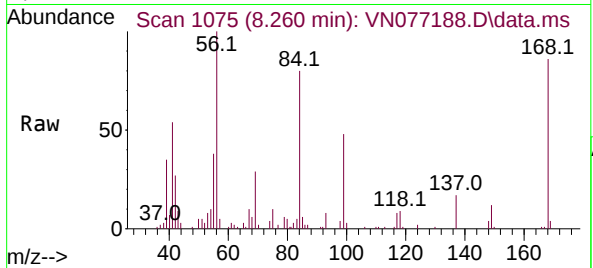




#31
Cyclohexane
Concen: 9.714 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

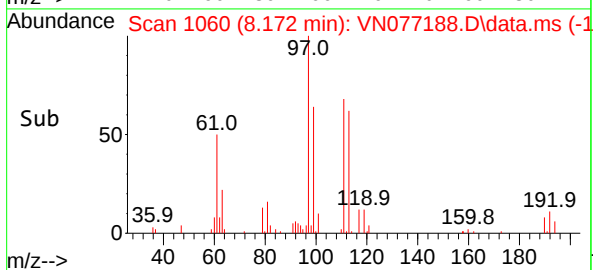
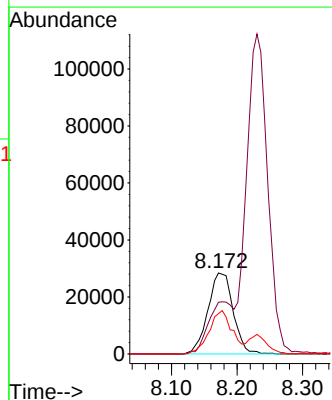
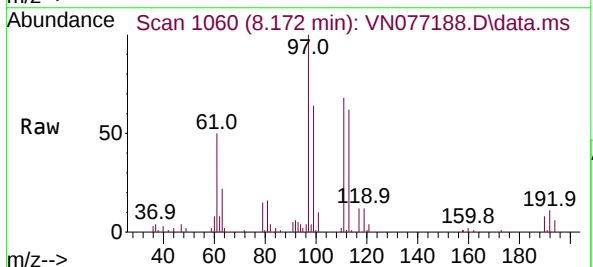
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

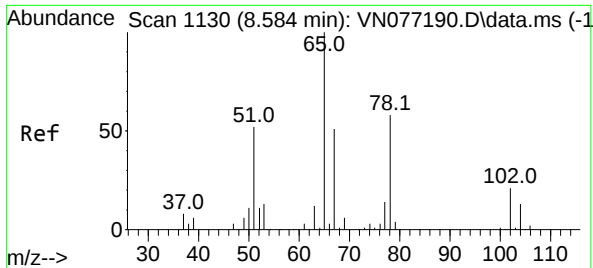
Tgt Ion: 56 Resp: 86470
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 77.9 64.8 97.2



#32
1,1,1-Trichloroethane
Concen: 9.206 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 97 Resp: 75778
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 48.4 42.1 63.1

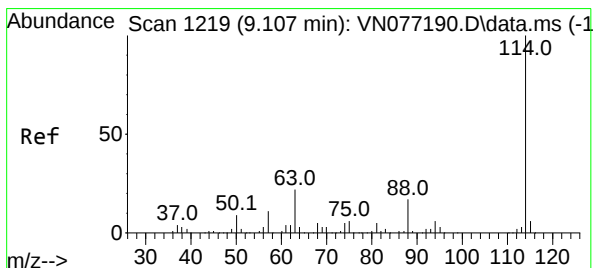
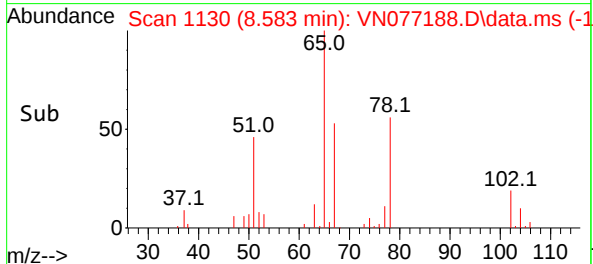
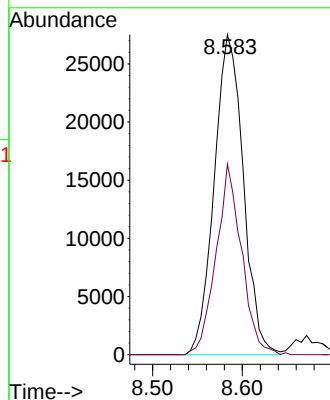
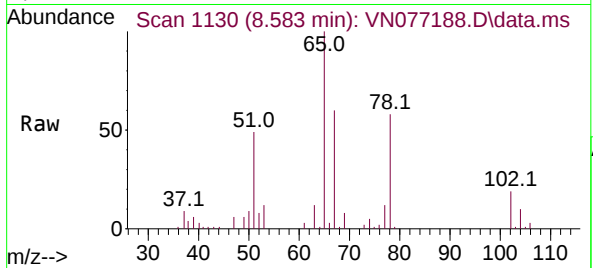




#33
 1,2-Dichloroethane-d4
 Concen: 9.730 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

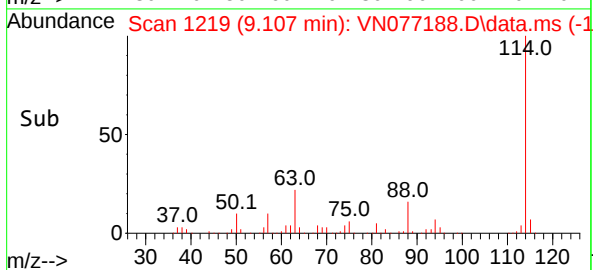
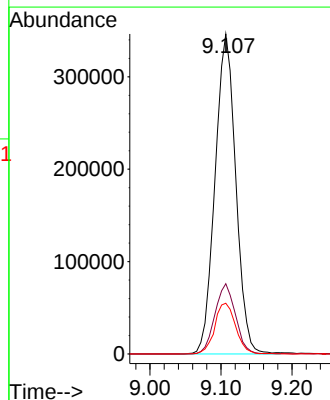
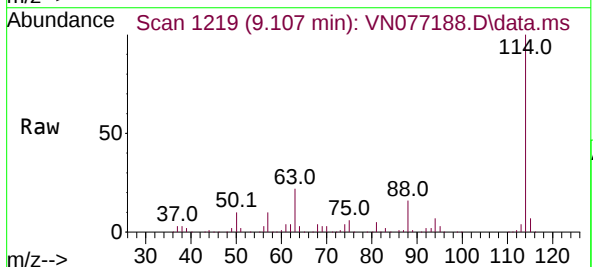
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

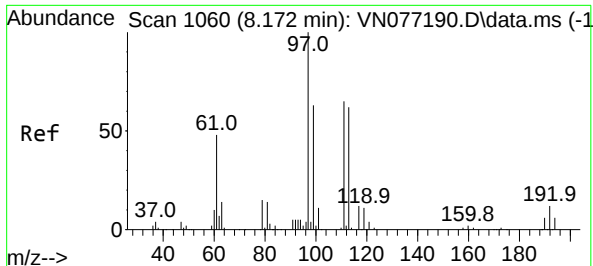
Tgt Ion: 65 Resp: 61990
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion: 114 Resp: 701807
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 15.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 9.889 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

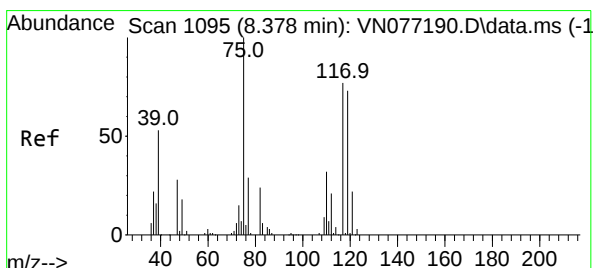
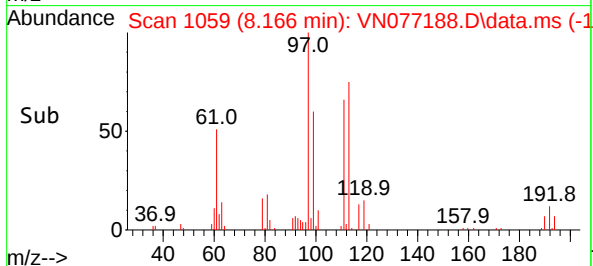
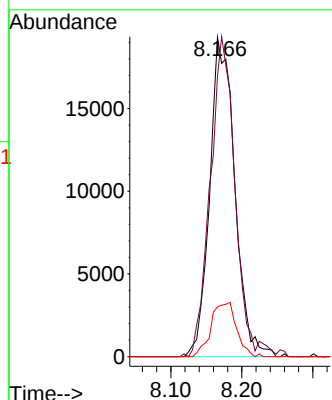
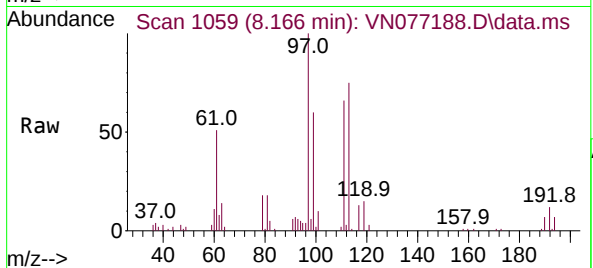
Tgt Ion:113 Resp: 47280

Ion Ratio Lower Upper

113 100

111 99.0 82.6 123.8

192 17.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 9.096 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

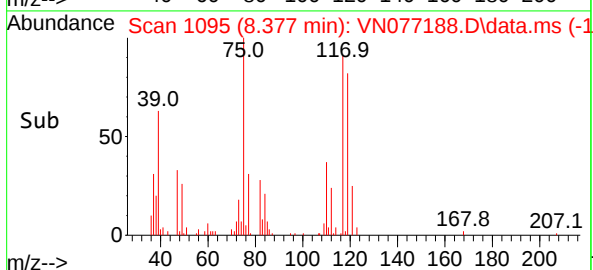
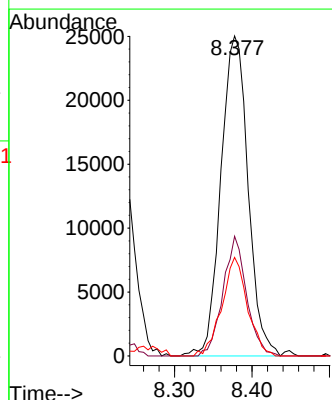
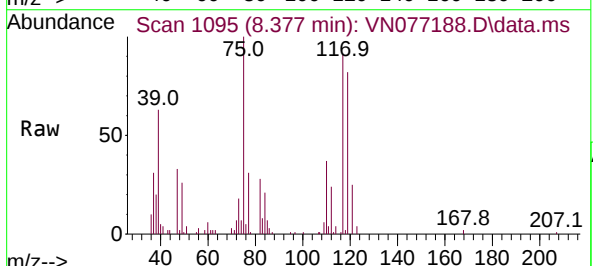
Tgt Ion: 75 Resp: 61042

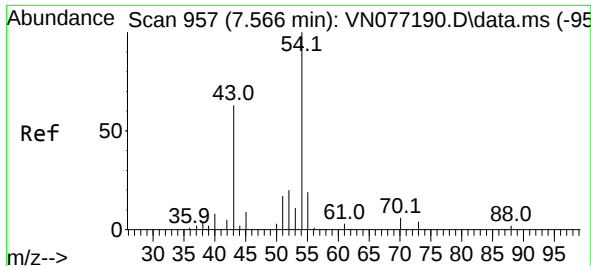
Ion Ratio Lower Upper

75 100

110 32.6 16.3 48.9

77 29.0 24.7 37.1

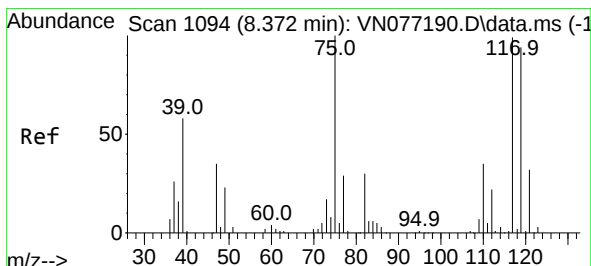
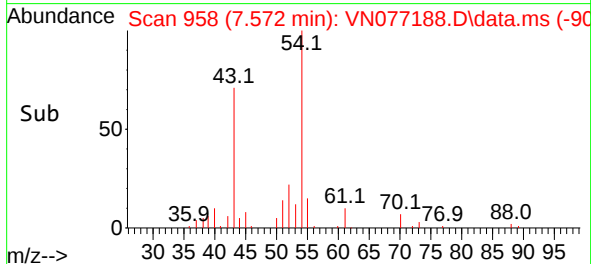
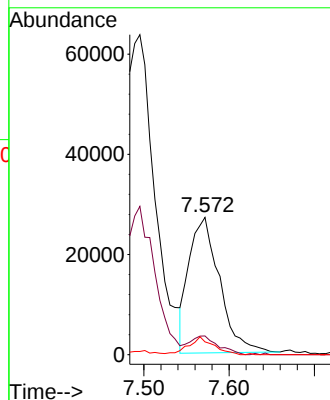
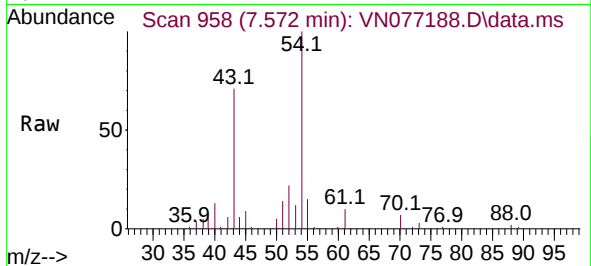




#37
Ethyl Acetate
Concen: 9.075 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

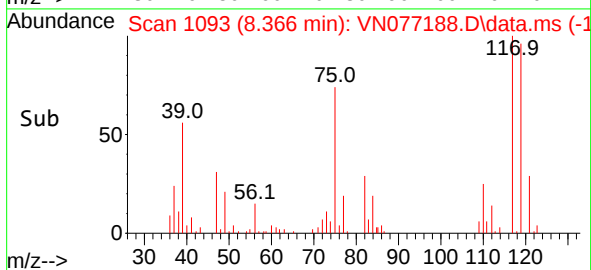
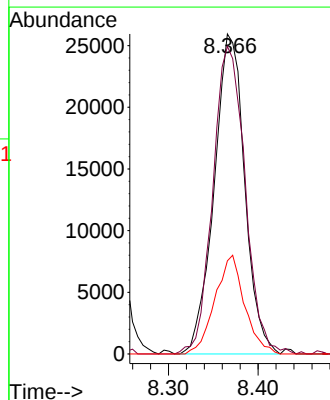
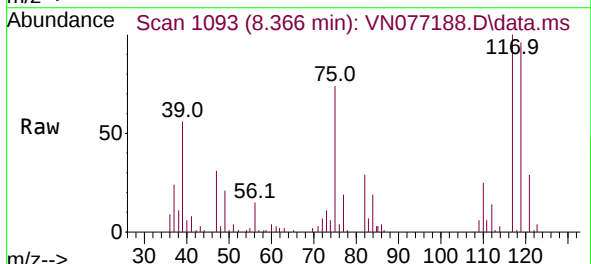
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

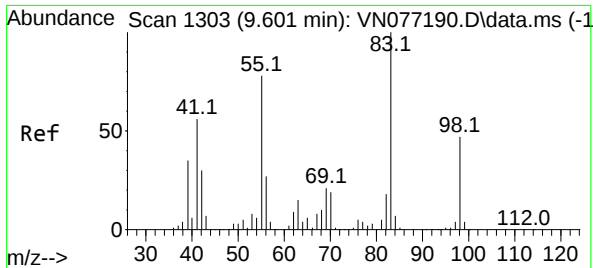
Tgt Ion: 43 Resp: 67513
Ion Ratio Lower Upper
43 100
61 12.0 9.9 14.9
70 10.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 8.899 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 117 Resp: 61370
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
121 29.1 25.7 38.5





#39

Methylcyclohexane

Concen: 8.890 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

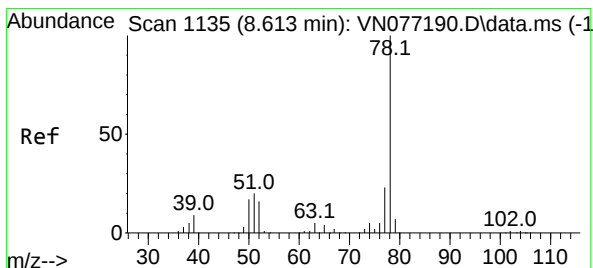
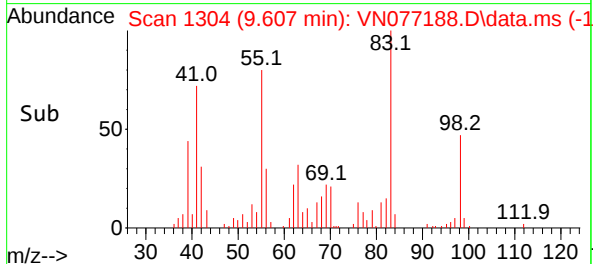
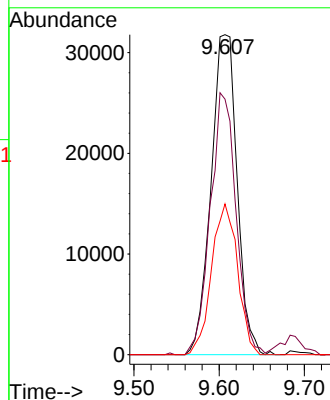
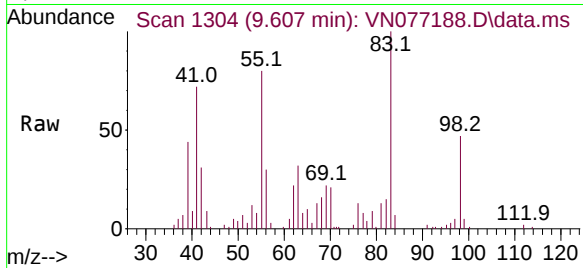
Tgt Ion: 83 Resp: 67793

Ion Ratio Lower Upper

83 100

55 79.8 62.5 93.7

98 47.1 37.3 55.9



#40

Benzene

Concen: 9.440 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077188.D

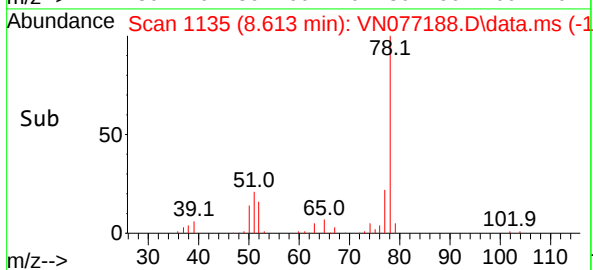
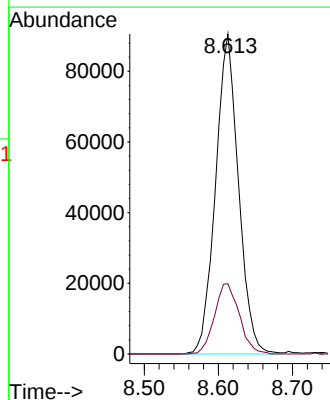
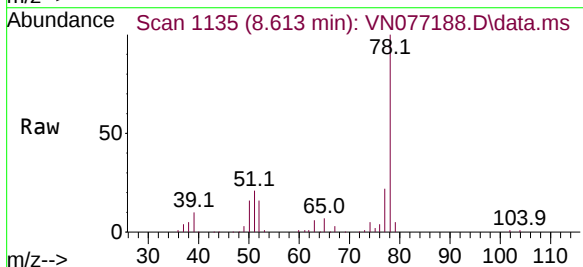
Acq: 24 Mar 2023 21:18

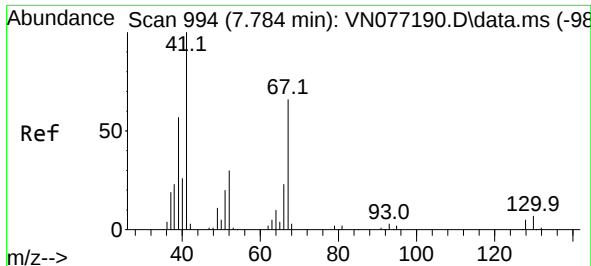
Tgt Ion: 78 Resp: 194488

Ion Ratio Lower Upper

78 100

77 22.0 18.6 28.0

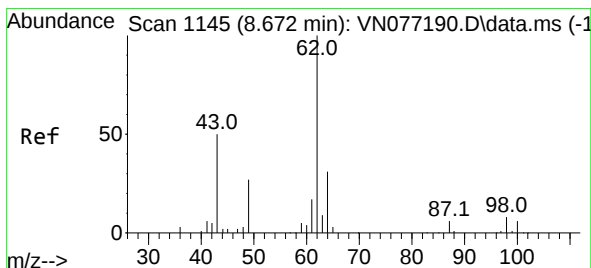
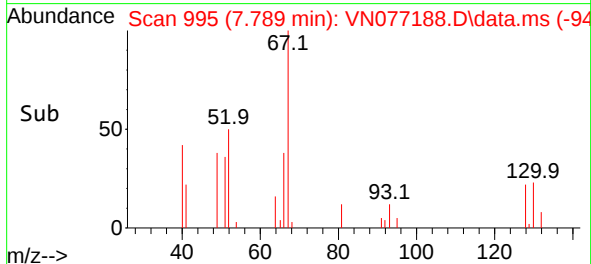
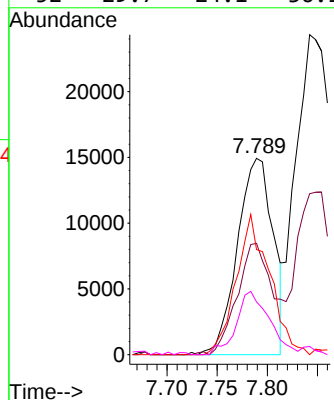
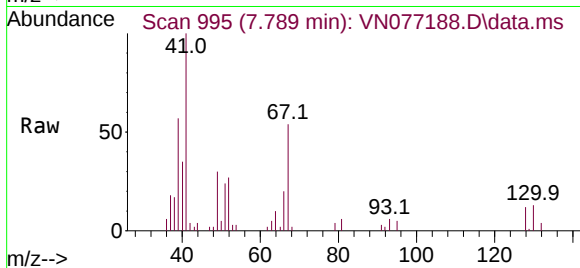




#41
Methacrylonitrile
Concen: 9.050 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

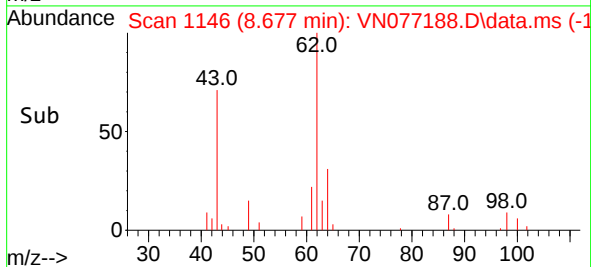
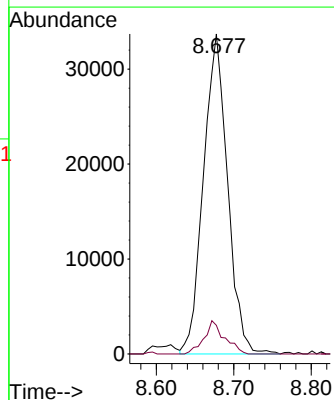
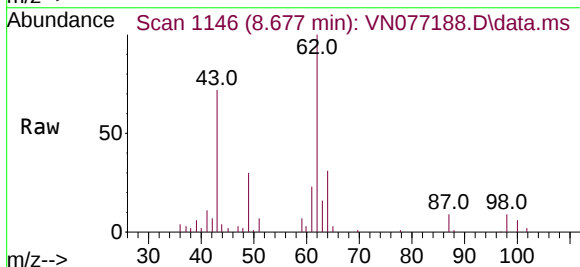
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

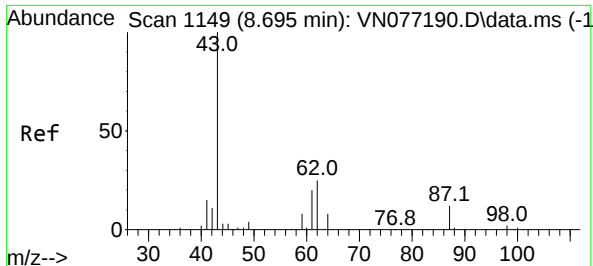
Tgt Ion:	41	Resp:	36968
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.4	68.2
67	66.7	54.0	81.0
52	29.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 9.330 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:	62	Resp:	72782
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

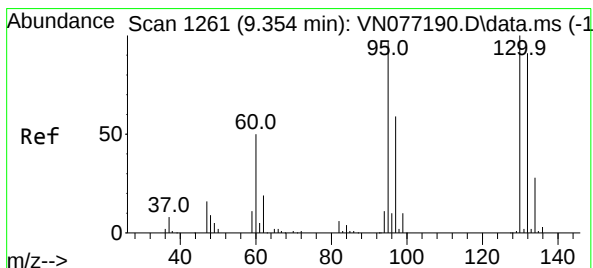
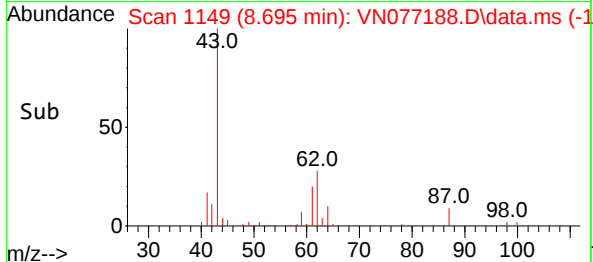
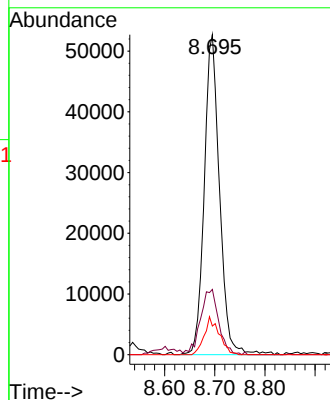
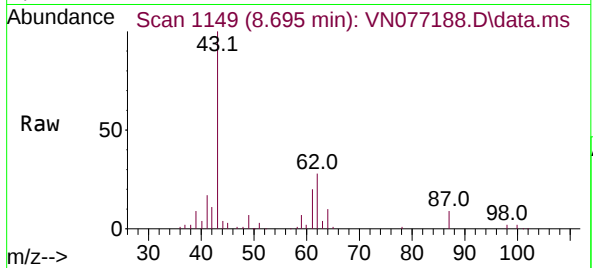




#43
Isopropyl Acetate
Concen: 9.390 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

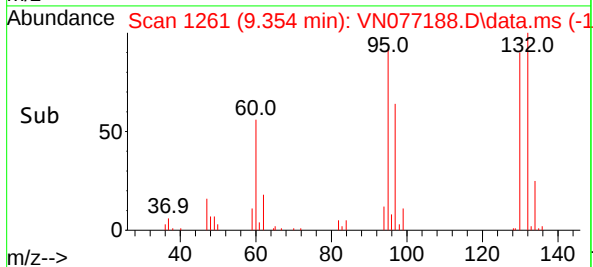
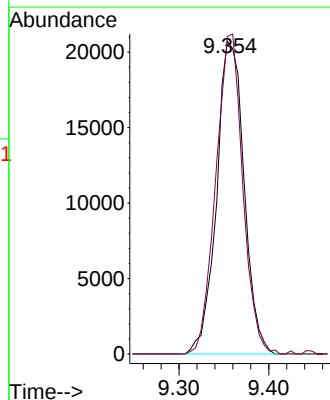
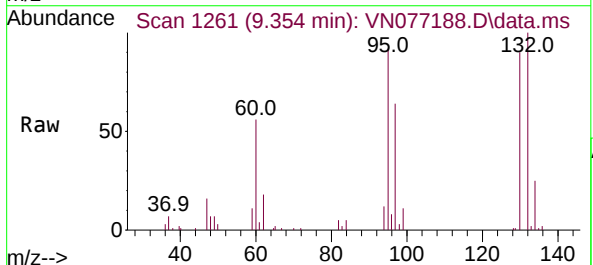
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

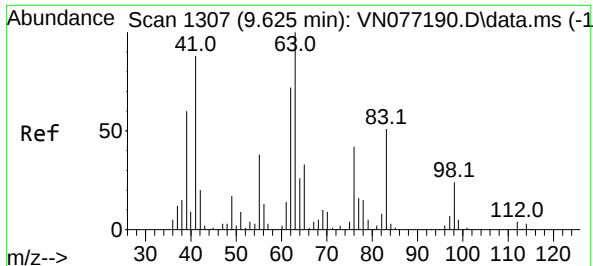
Tgt Ion: 43 Resp: 111707
Ion Ratio Lower Upper
43 100
61 24.3 19.4 29.2
87 11.5 9.8 14.8



#44
Trichloroethene
Concen: 9.154 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:130 Resp: 44051
Ion Ratio Lower Upper
130 100
95 101.6 0.0 193.4





#45

1,2-Dichloropropane

Concen: 9.358 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

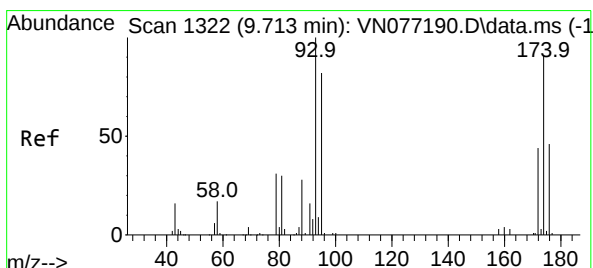
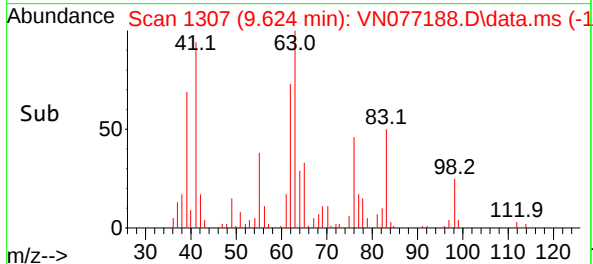
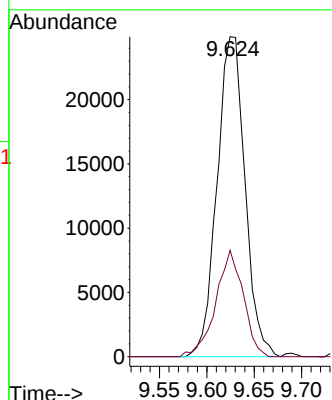
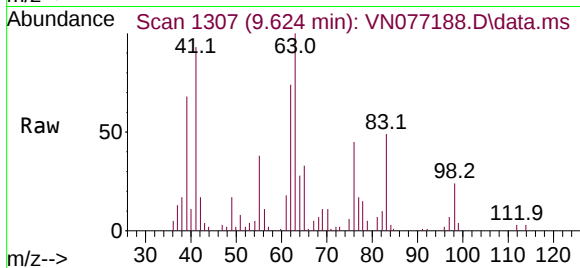
VSTDIC010

Tgt Ion: 63 Resp: 51134

Ion Ratio Lower Upper

63 100

65 33.2 26.2 39.4



#46

Dibromomethane

Concen: 9.339 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

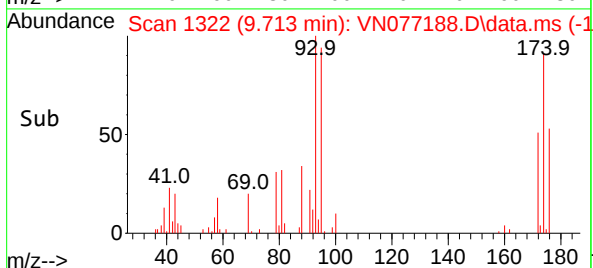
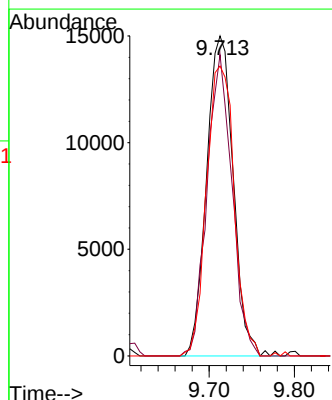
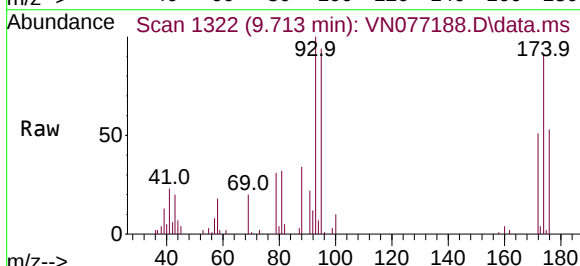
Tgt Ion: 93 Resp: 32590

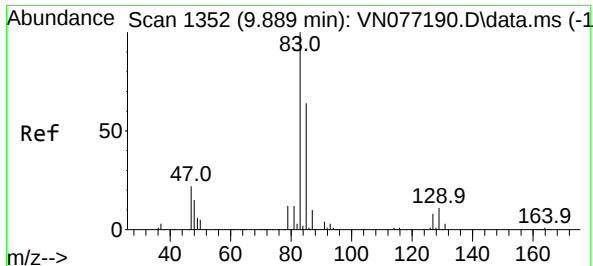
Ion Ratio Lower Upper

93 100

95 88.1 65.7 98.5

174 93.8 73.2 109.8





#47

Bromodichloromethane

Concen: 9.218 ug/l

RT: 9.895 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

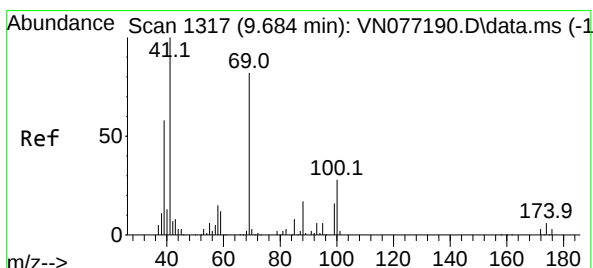
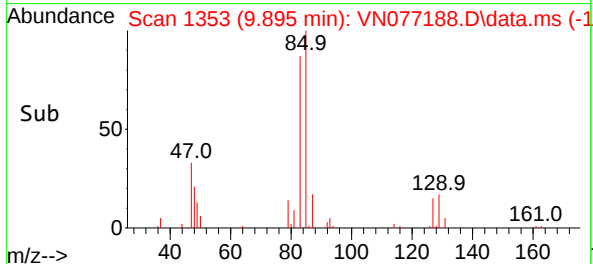
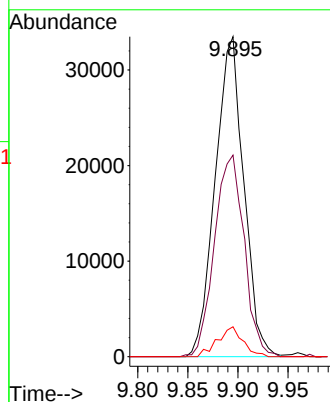
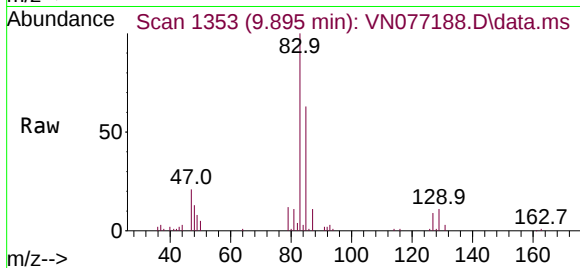
Tgt Ion: 83 Resp: 66355

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 9.3 6.5 9.7



#48

Methyl methacrylate

Concen: 9.053 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

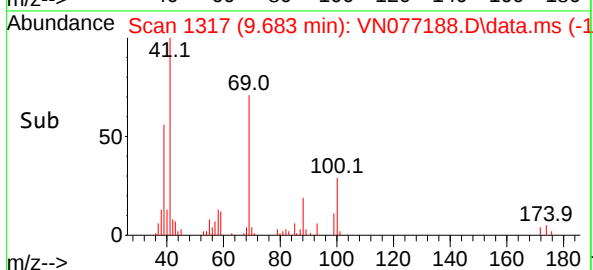
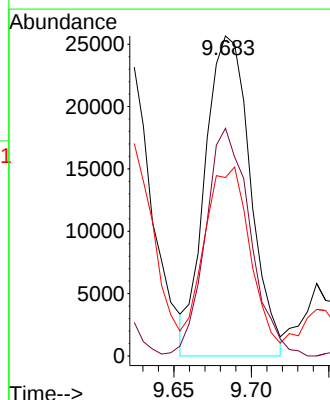
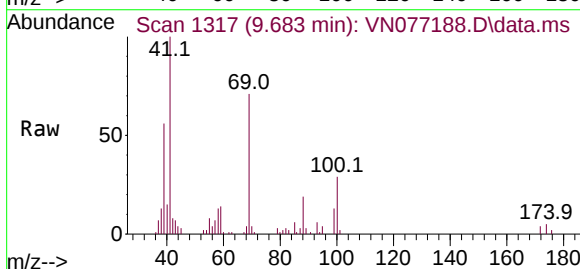
Tgt Ion: 41 Resp: 52070

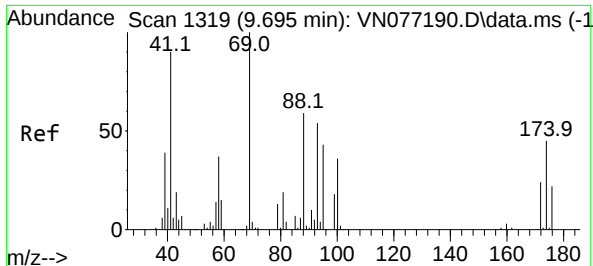
Ion Ratio Lower Upper

41 100

69 70.3 60.9 91.3

39 61.0 49.3 73.9





#49

1,4-Dioxane

Concen: 192.436 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

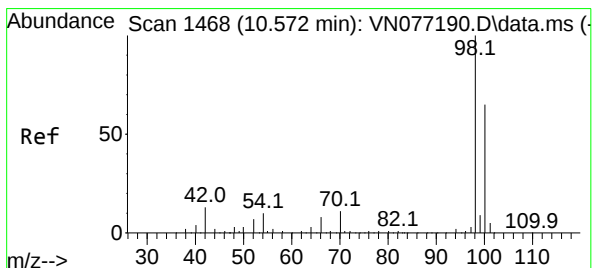
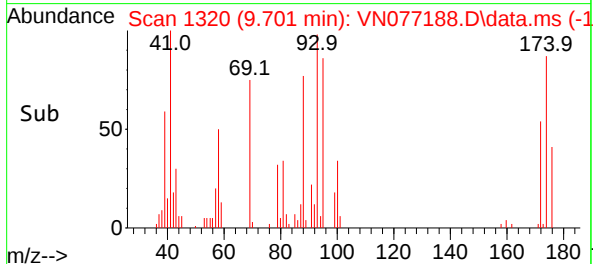
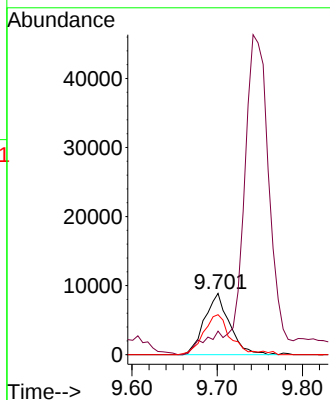
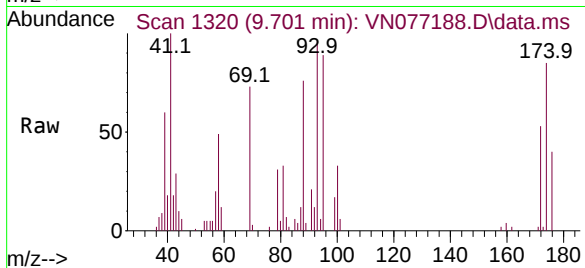
Tgt Ion: 88 Resp: 18145

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 69.0 56.2 84.2



#50

Toluene-d8

Concen: 9.466 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077188.D

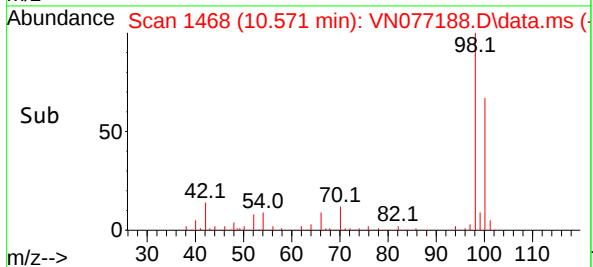
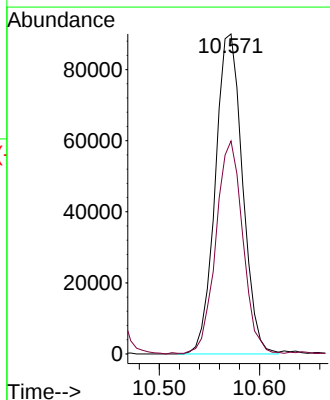
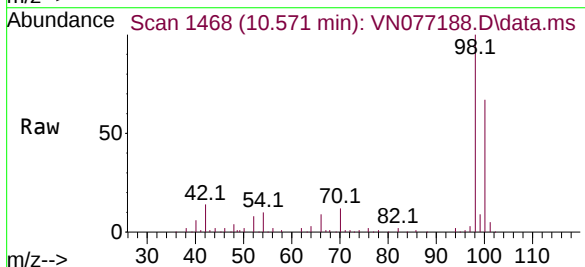
Acq: 24 Mar 2023 21:18

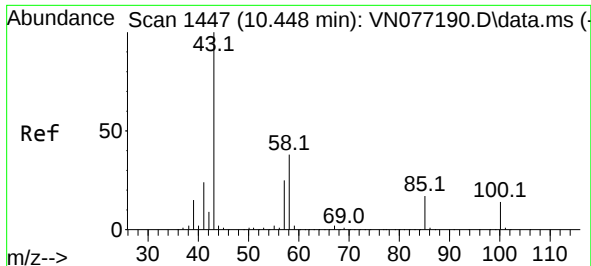
Tgt Ion: 98 Resp: 169352

Ion Ratio Lower Upper

98 100

100 66.0 51.7 77.5

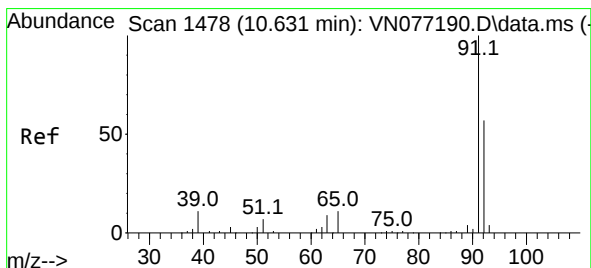
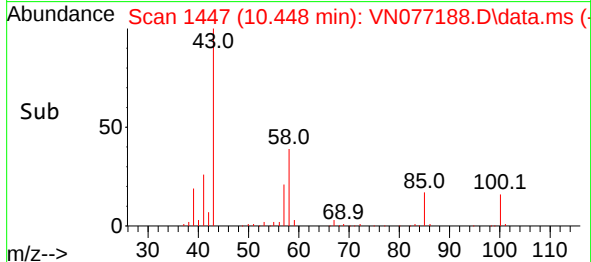
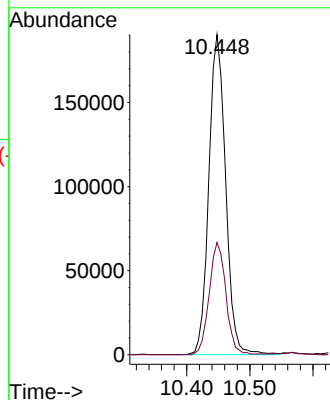
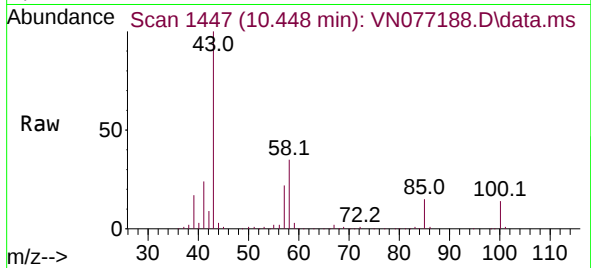




#51
4-Methyl-2-Pentanone
Concen: 48.279 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

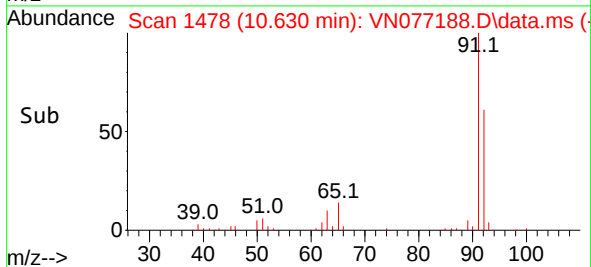
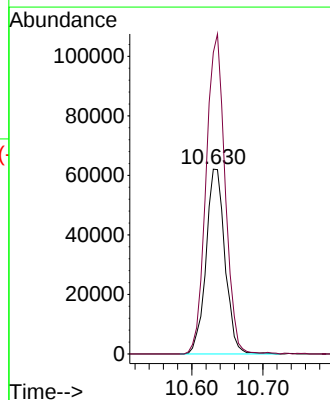
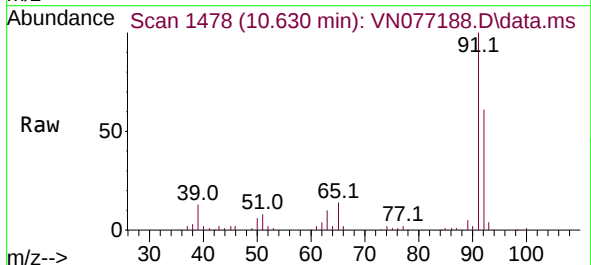
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

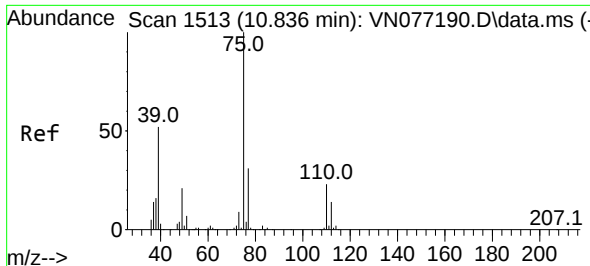
Tgt Ion: 43 Resp: 351669
Ion Ratio Lower Upper
43 100
58 34.9 29.5 44.3



#52
Toluene
Concen: 9.340 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 92 Resp: 115299
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4

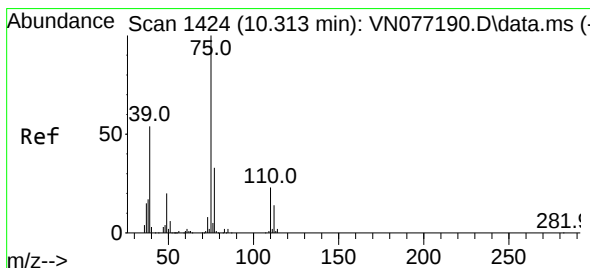
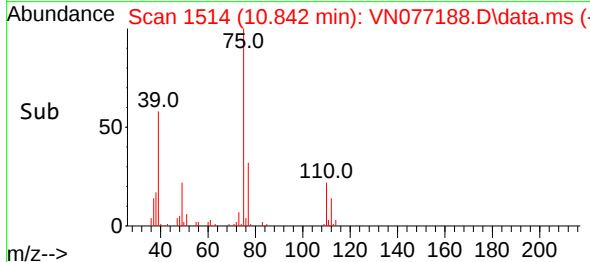
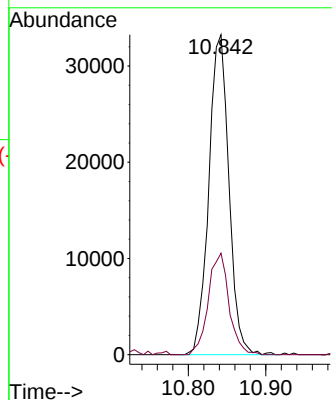
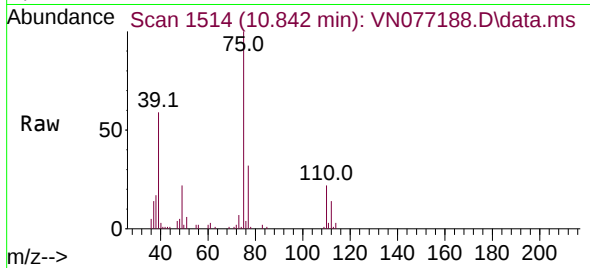




#53
t-1,3-Dichloropropene
Concen: 8.406 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

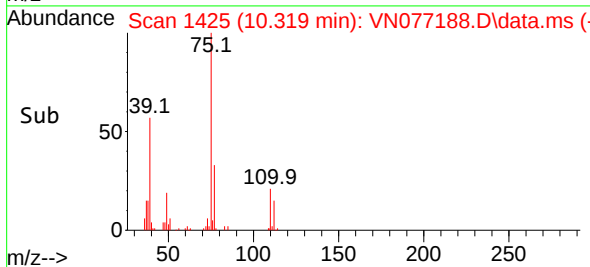
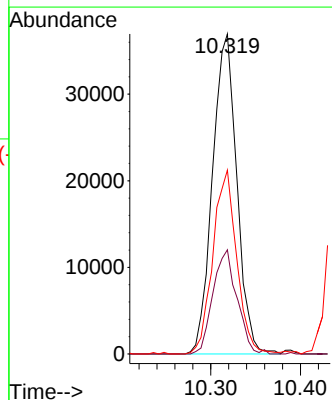
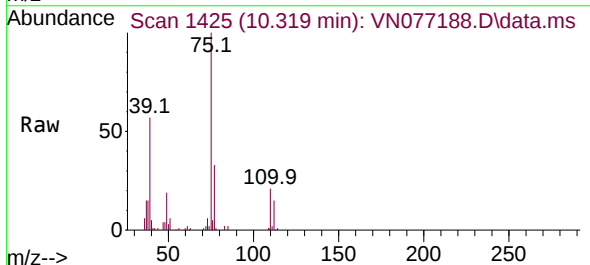
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

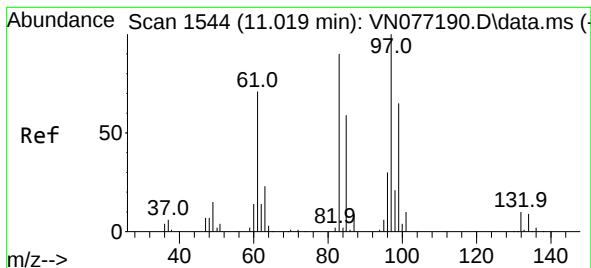
Tgt Ion: 75 Resp: 59844
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 8.916 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 69593
Ion Ratio Lower Upper
75 100
77 32.6 26.6 40.0
39 57.5 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 9.634 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 45978

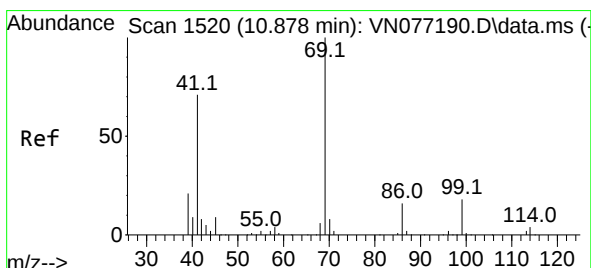
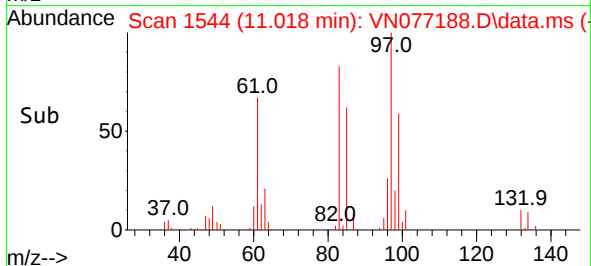
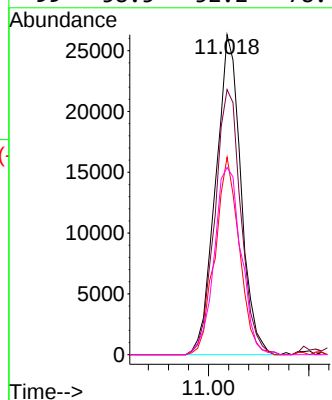
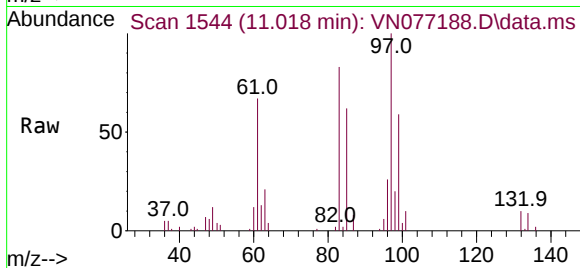
Ion Ratio Lower Upper

97 100

83 82.9 72.4 108.6

85 61.7 46.9 70.3

99 58.5 52.2 78.4



#56

Ethyl methacrylate

Concen: 9.083 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

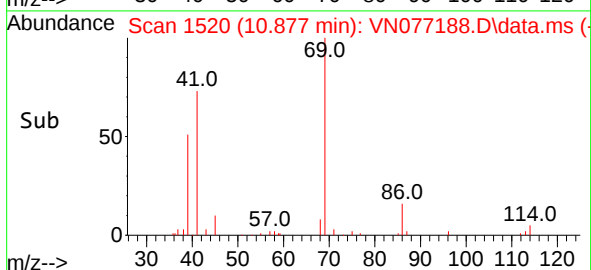
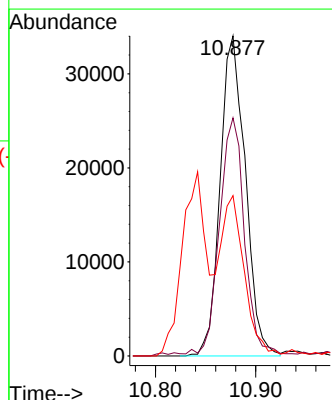
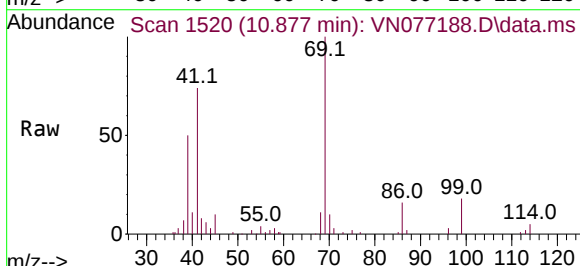
Tgt Ion: 69 Resp: 59265

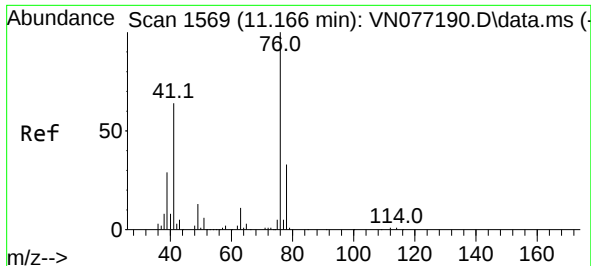
Ion Ratio Lower Upper

69 100

41 71.8 59.8 89.8

39 44.4 32.5 48.7





#57

1,3-Dichloropropane

Concen: 9.403 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

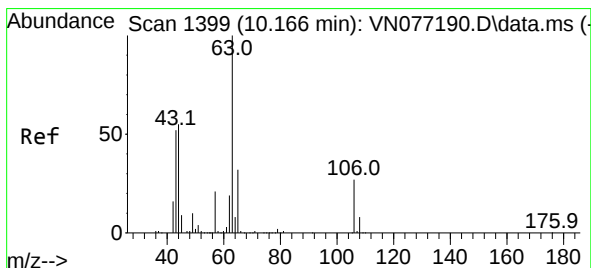
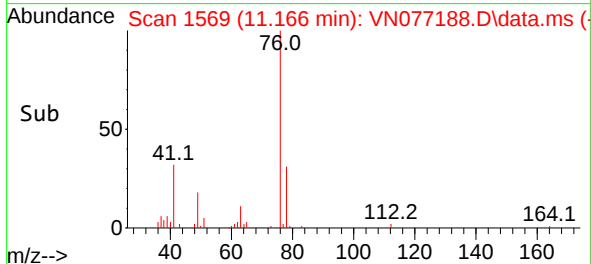
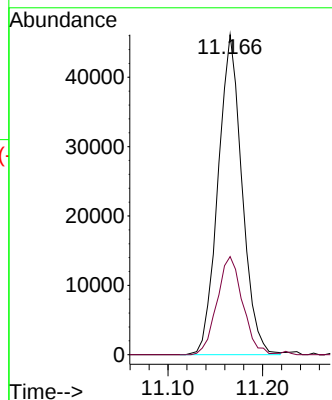
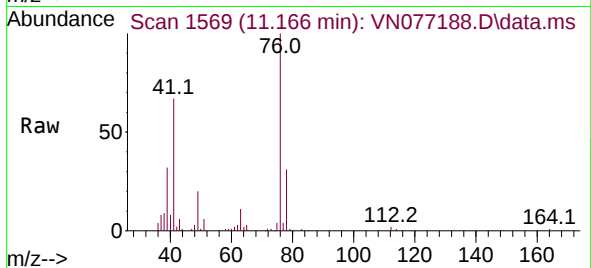
VSTDIC010

Tgt Ion: 76 Resp: 81229

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 50.479 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077188.D

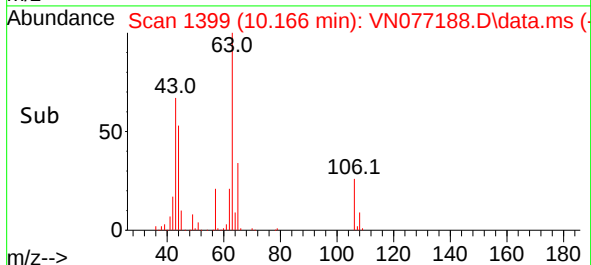
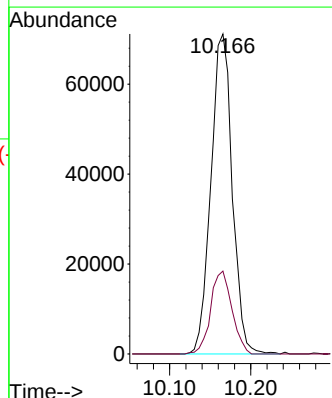
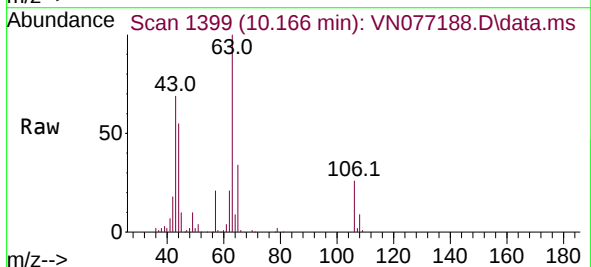
Acq: 24 Mar 2023 21:18

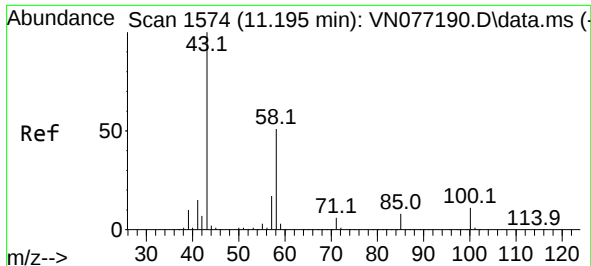
Tgt Ion: 63 Resp: 130047

Ion Ratio Lower Upper

63 100

106 25.8 20.9 31.3





#59

2-Hexanone

Concen: 47.084 ug/l

RT: 11.201 min Scan# 1575

Delta R.T. 0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

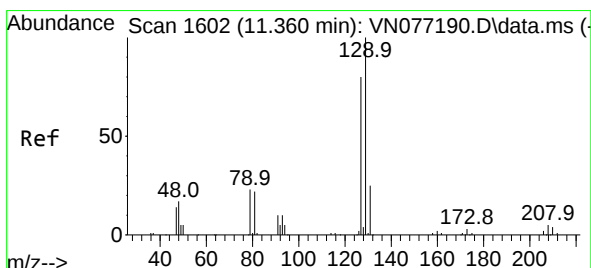
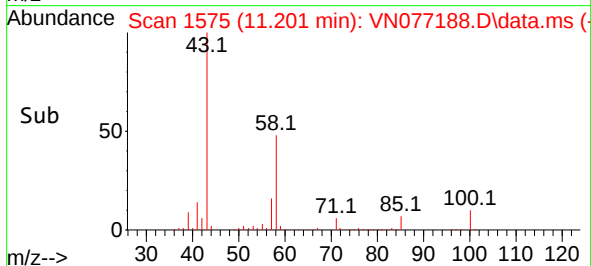
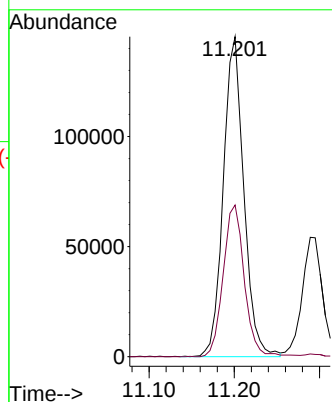
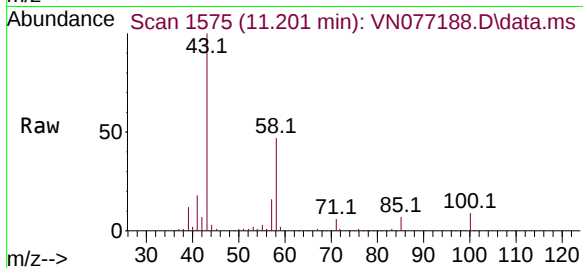
VSTDIC010

Tgt Ion: 43 Resp: 243054

Ion Ratio Lower Upper

43 100

58 49.0 25.8 77.4



#60

Dibromochloromethane

Concen: 8.729 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077188.D

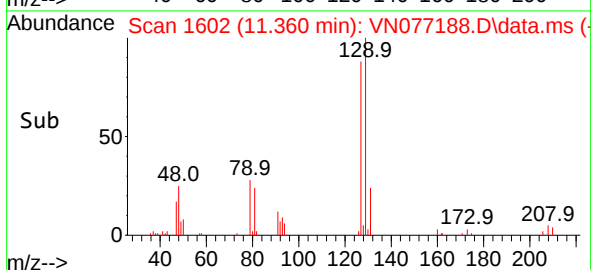
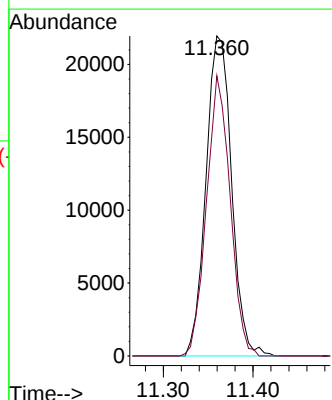
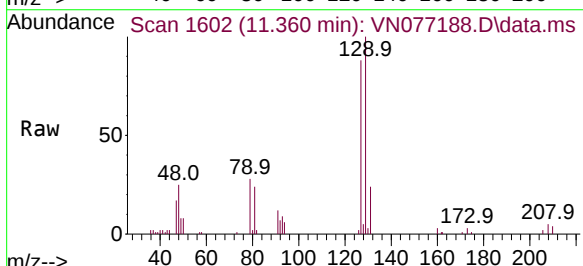
Acq: 24 Mar 2023 21:18

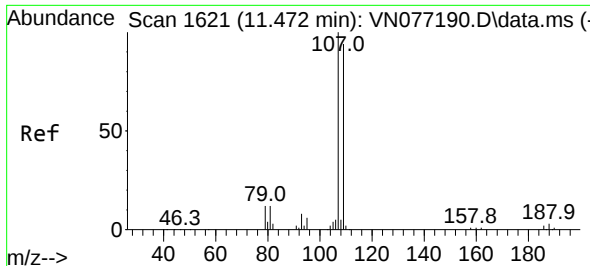
Tgt Ion:129 Resp: 43544

Ion Ratio Lower Upper

129 100

127 80.8 38.6 115.7

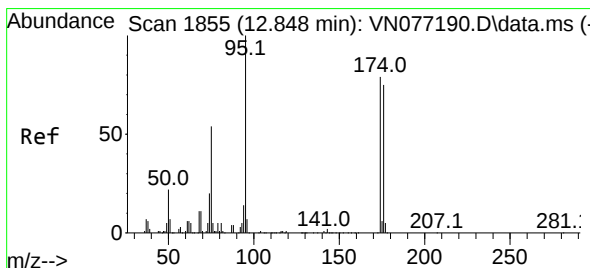
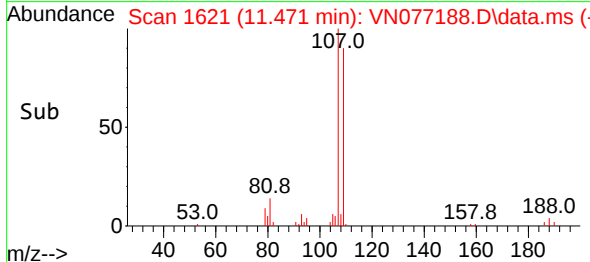
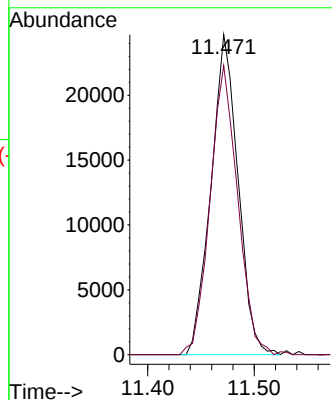
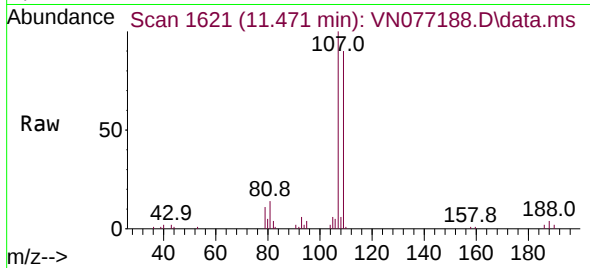




#61
1,2-Dibromoethane
Concen: 9.016 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

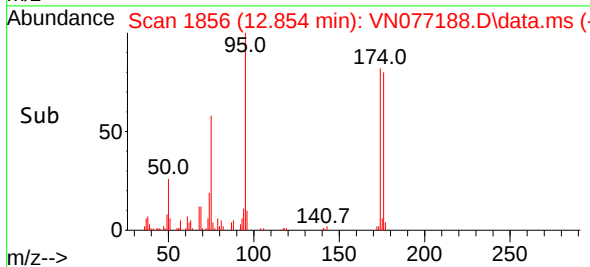
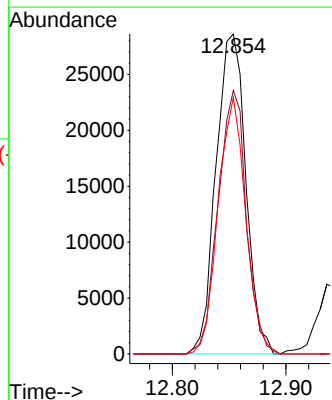
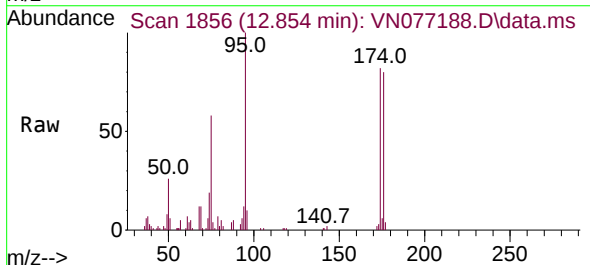
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

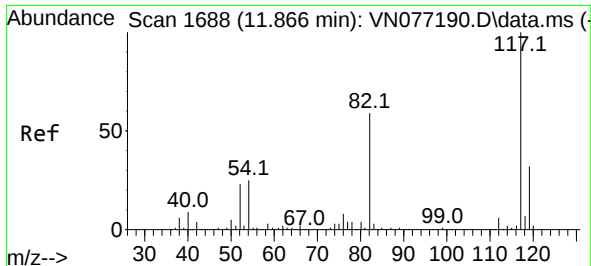
Tgt Ion:107 Resp: 43640
Ion Ratio Lower Upper
107 100
109 92.3 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 8.782 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 95 Resp: 52035
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.0
176 74.6 0.0 150.8

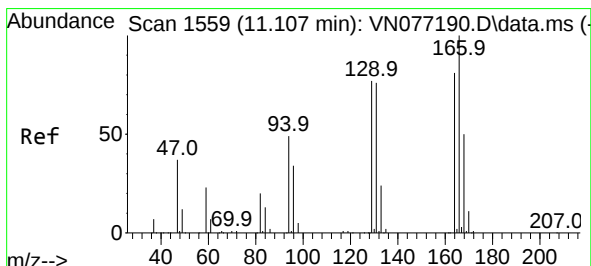
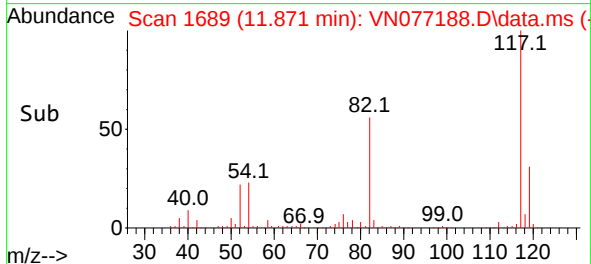
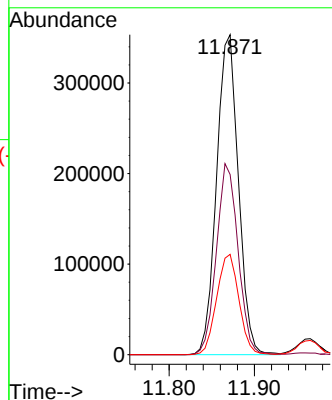
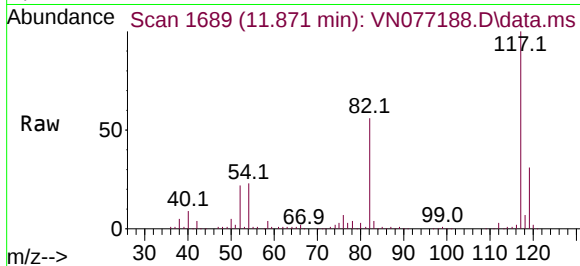




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

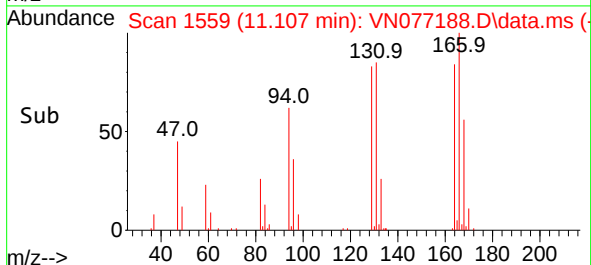
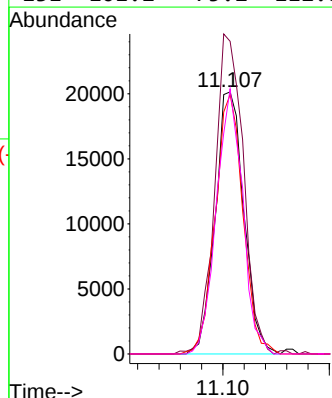
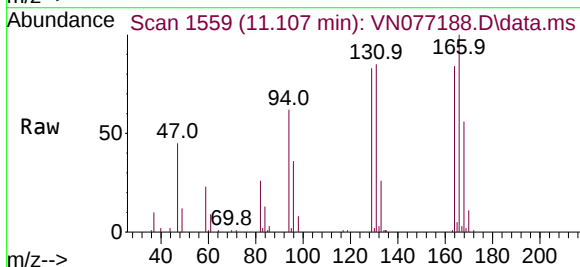
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

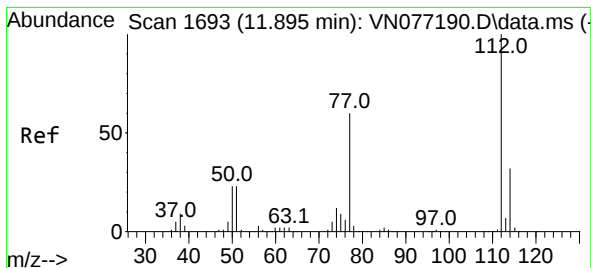
Tgt Ion:117 Resp: 628743
Ion Ratio Lower Upper
117 100
82 56.3 47.0 70.6
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 9.516 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:164 Resp: 37558
Ion Ratio Lower Upper
164 100
166 118.3 99.4 149.0
129 99.0 76.6 114.8
131 101.2 75.2 112.8





#65

Chlorobenzene

Concen: 9.036 ug/l

RT: 11.895 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

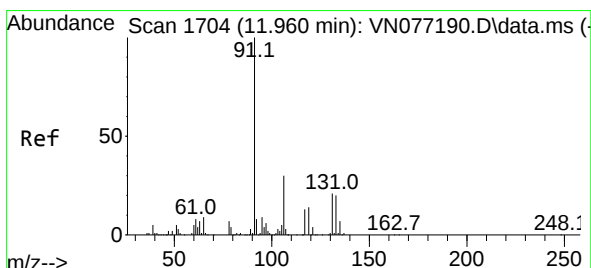
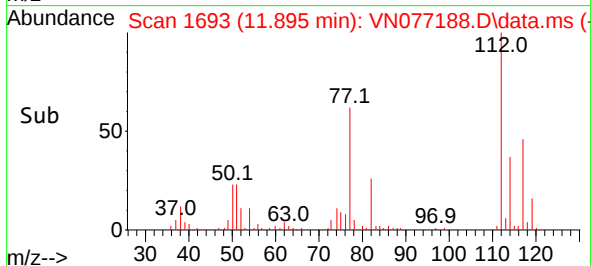
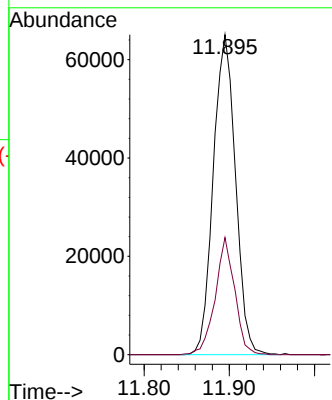
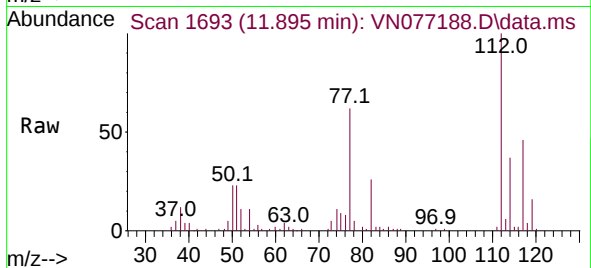
VSTDIC010

Tgt Ion:112 Resp: 117864

Ion Ratio Lower Upper

112 100

114 36.6 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 8.935 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

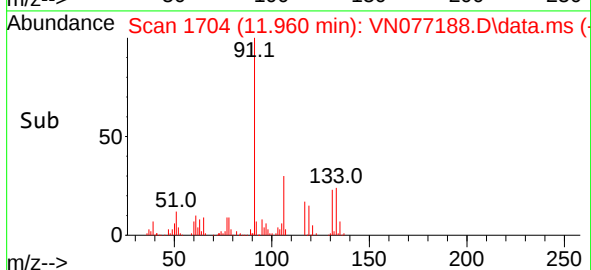
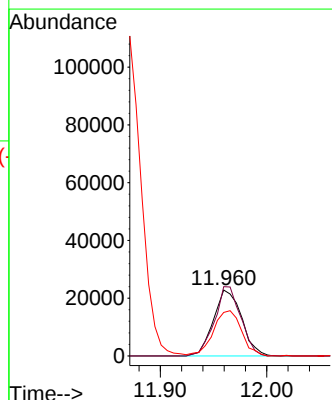
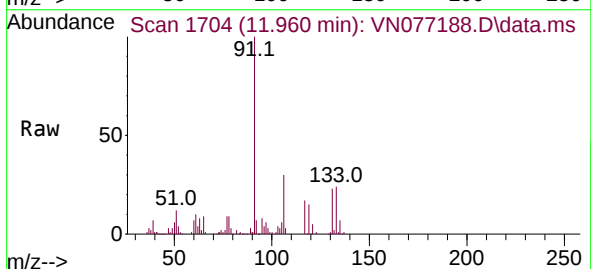
Tgt Ion:131 Resp: 41944

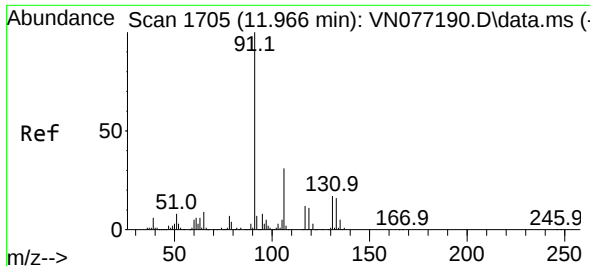
Ion Ratio Lower Upper

131 100

133 97.7 47.6 142.8

119 68.8 33.5 100.5

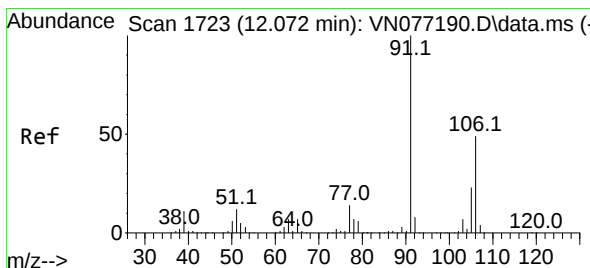
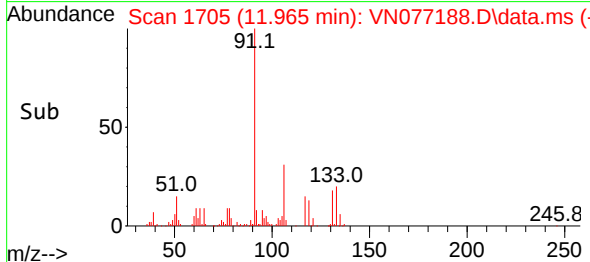
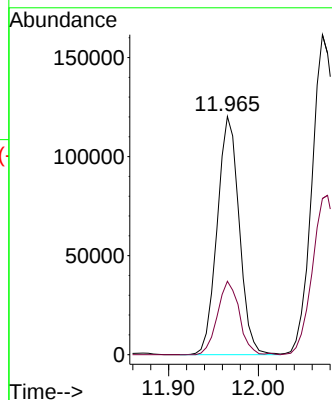
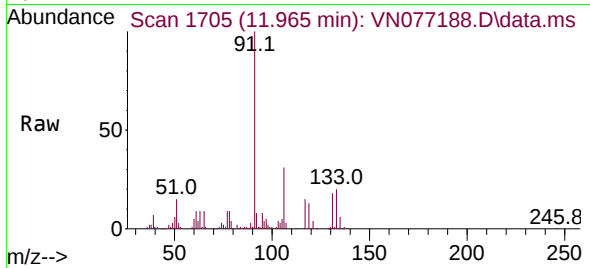




#67
Ethyl Benzene
Concen: 9.001 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

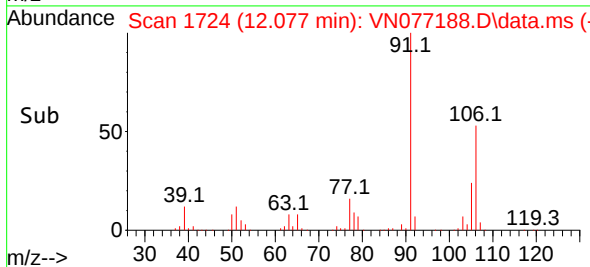
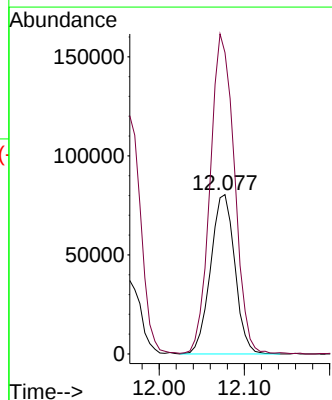
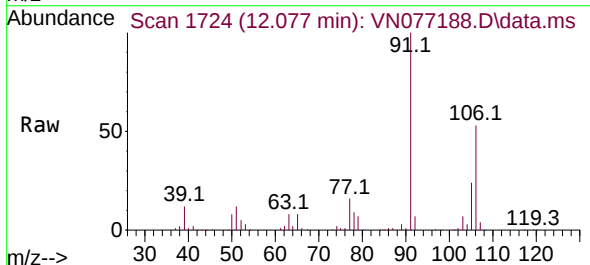
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

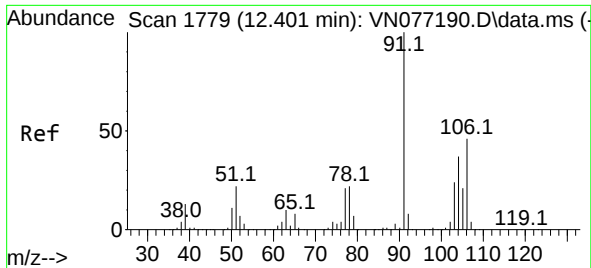
Tgt Ion: 91 Resp: 204800
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#68
m/p-Xylenes
Concen: 18.960 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:106 Resp: 158988
Ion Ratio Lower Upper
106 100
91 200.3 165.8 248.8

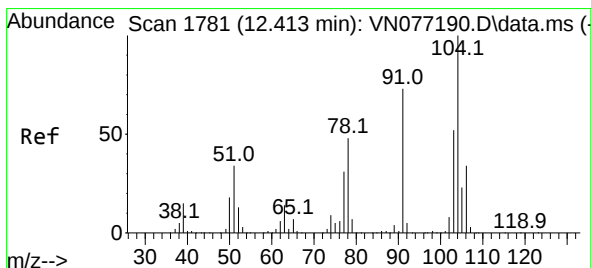
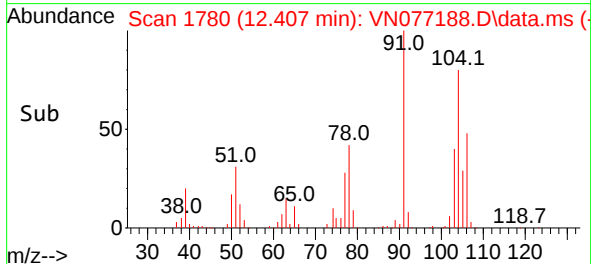
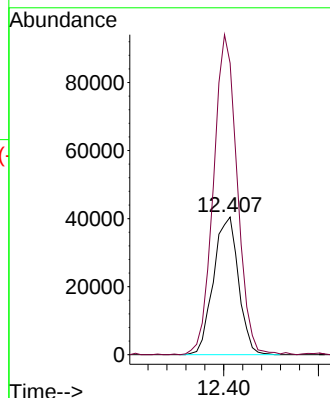
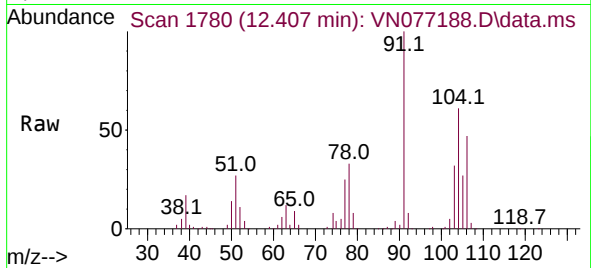




#69
o-Xylene
Concen: 8.972 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

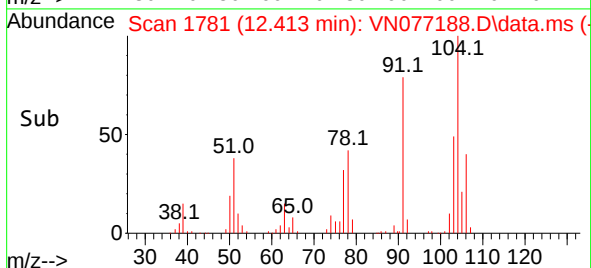
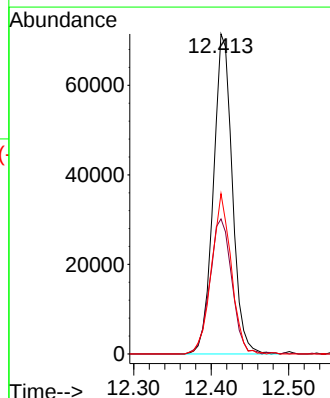
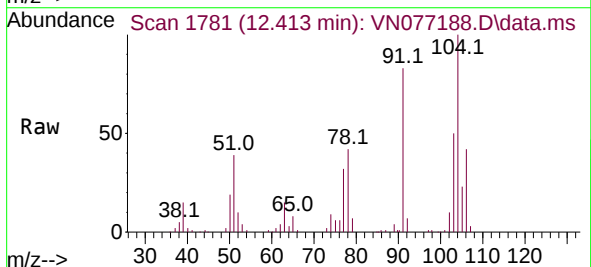
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

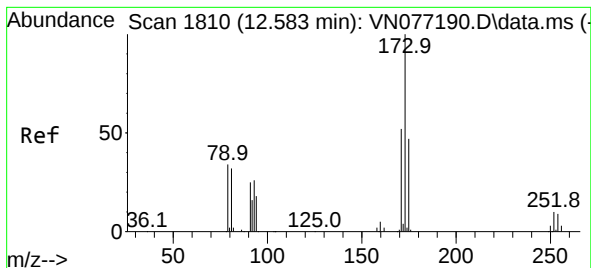
Tgt Ion:106 Resp: 74169
Ion Ratio Lower Upper
106 100
91 221.3 108.7 326.1



#70
Styrene
Concen: 9.778 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:104 Resp: 121349
Ion Ratio Lower Upper
104 100
78 48.8 41.2 61.8
103 52.1 44.1 66.1





#71

Bromoform

Concen: 8.581 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

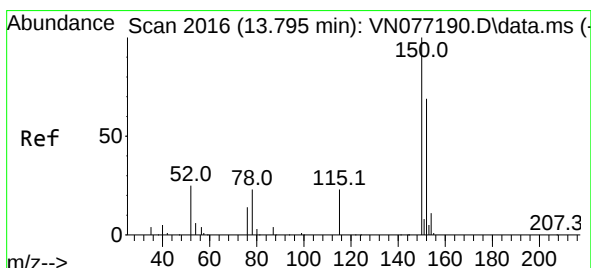
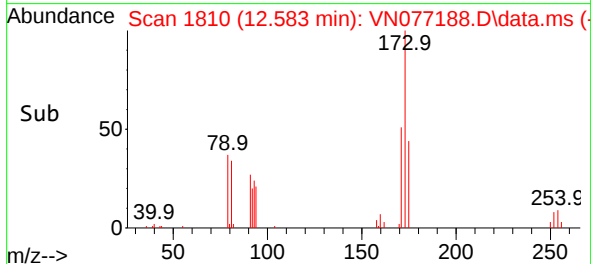
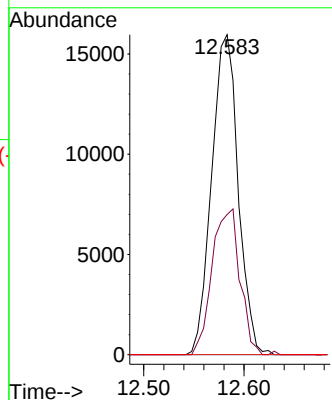
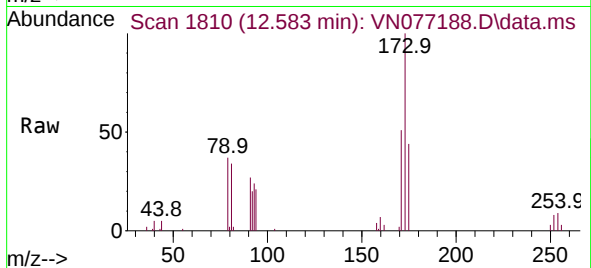
Tgt Ion:173 Resp: 29292

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

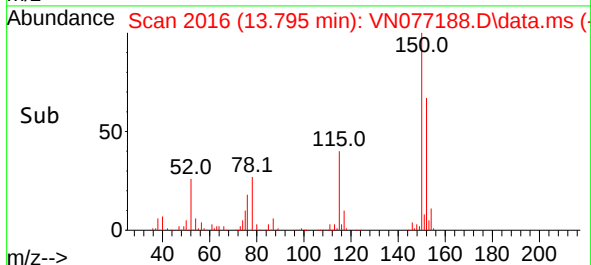
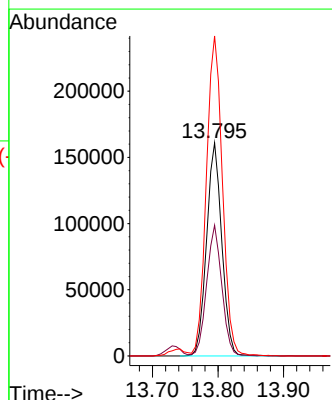
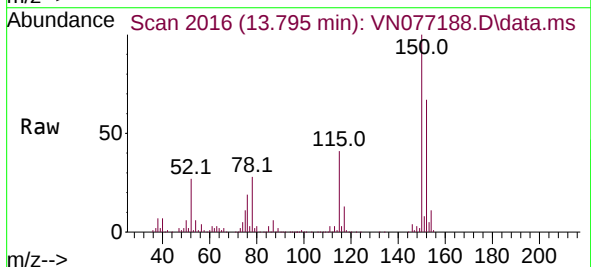
Tgt Ion:152 Resp: 260473

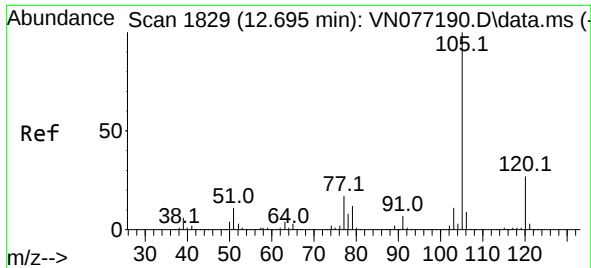
Ion Ratio Lower Upper

152 100

115 61.1 30.4 91.2

150 158.0 0.0 345.6

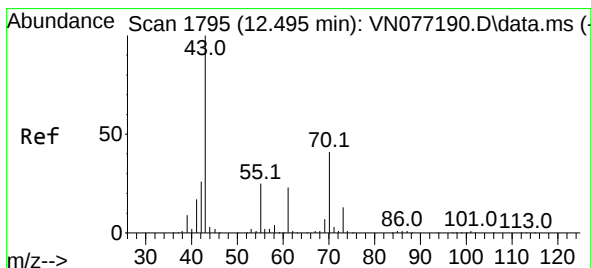
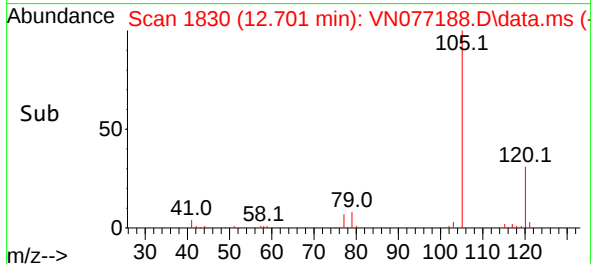
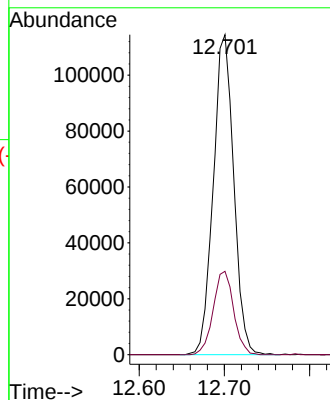
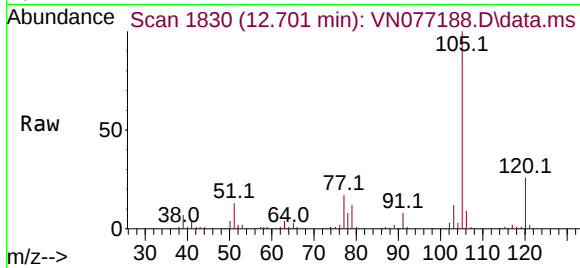




#73
Isopropylbenzene
Concen: 9.455 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

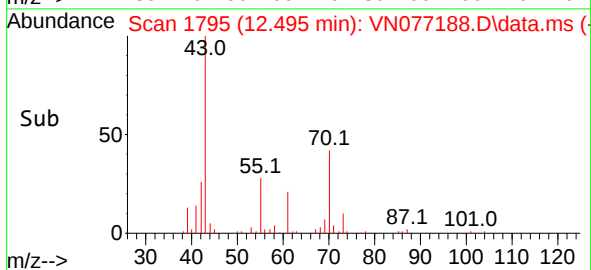
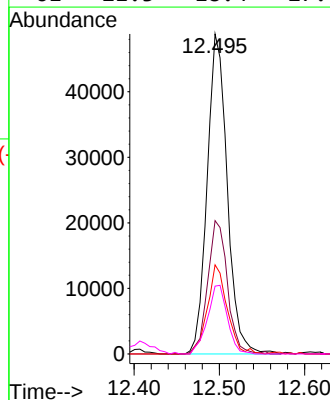
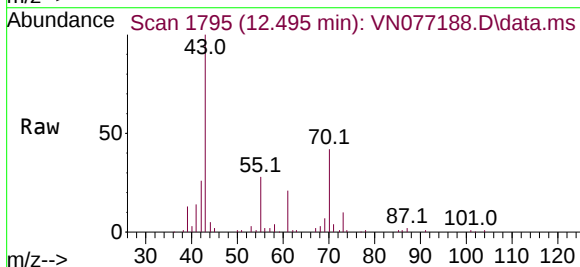
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

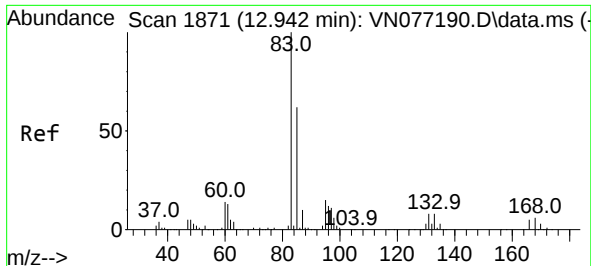
Tgt Ion:105 Resp: 191013
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4



#74
N-ethyl acetate
Concen: 9.064 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 43 Resp: 80013
Ion Ratio Lower Upper
43 100
70 41.0 32.8 49.2
55 27.3 20.2 30.2
61 21.3 18.4 27.6

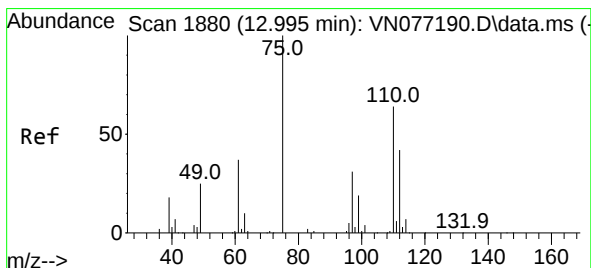
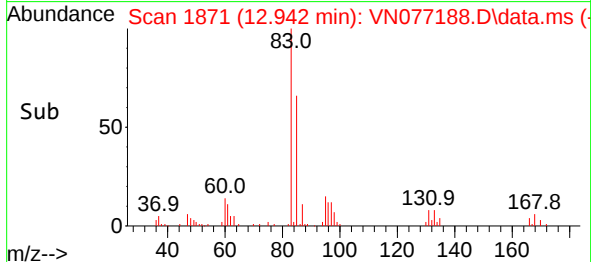
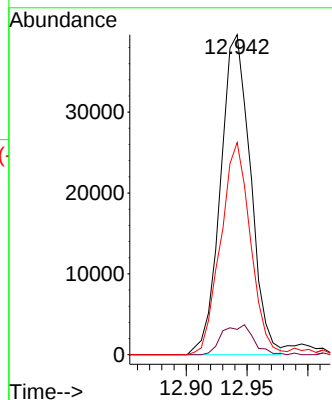
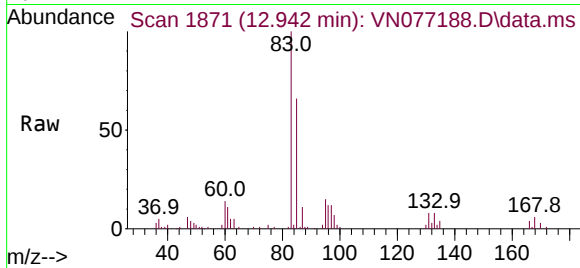




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.863 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

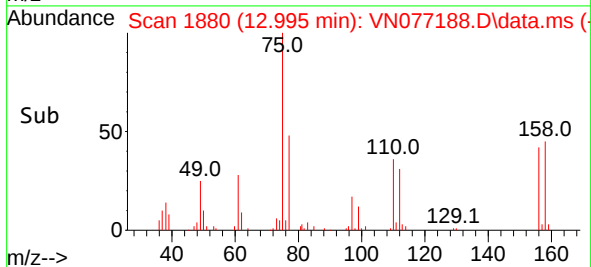
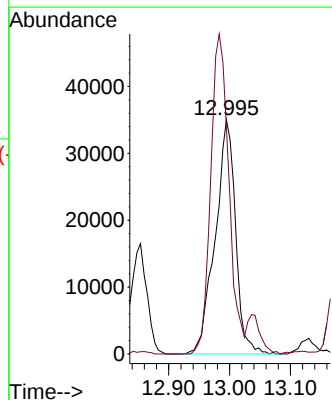
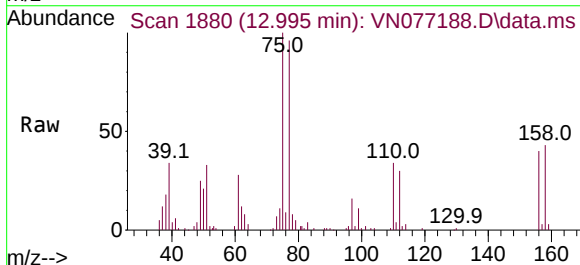
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

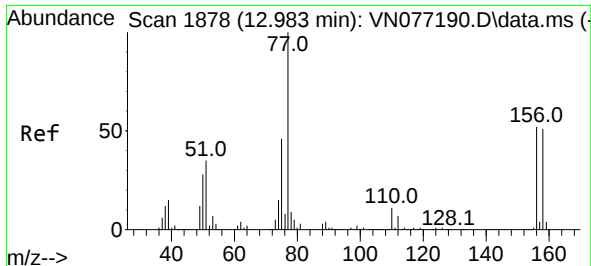
Tgt Ion: 83 Resp: 67828
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 65.7 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 12.863 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 81276
 Ion Ratio Lower Upper
 75 100
 77 121.6 92.5 277.3

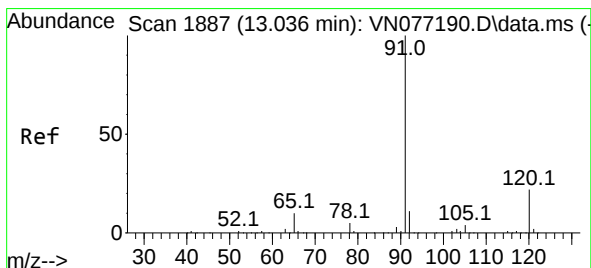
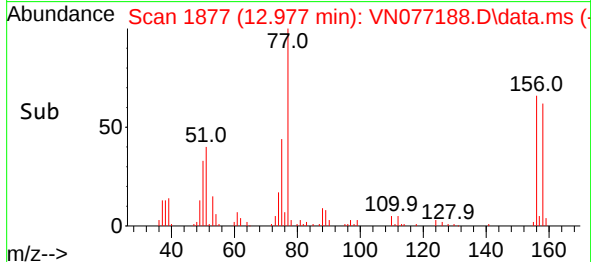
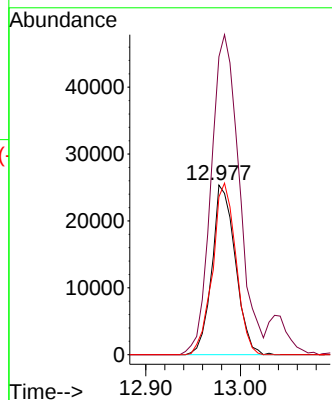
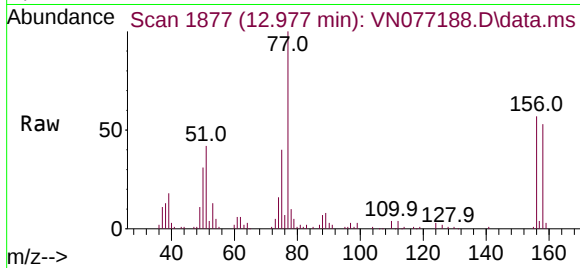




#77
Bromobenzene
Concen: 9.014 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

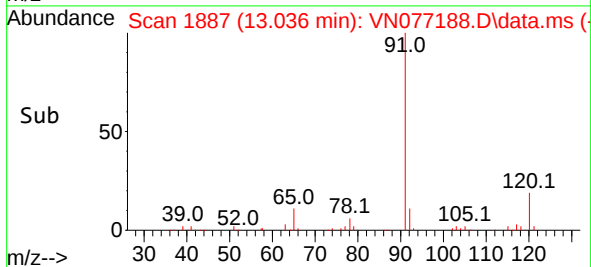
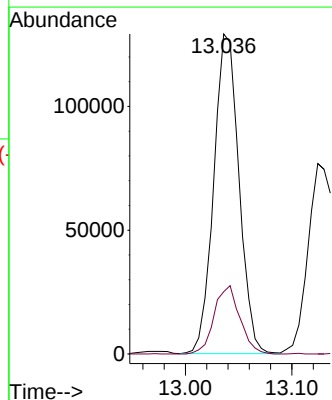
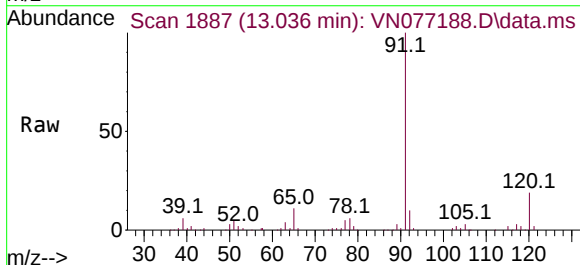
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

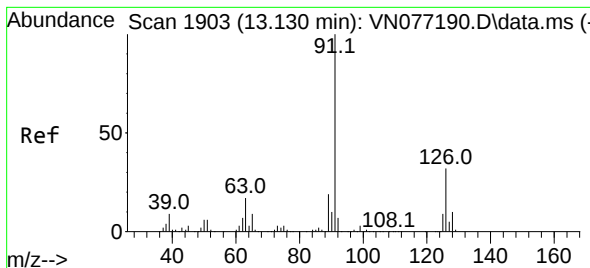
Tgt Ion:156 Resp: 43630
Ion Ratio Lower Upper
156 100
77 226.5 110.3 330.9
158 100.7 48.8 146.4



#78
n-propylbenzene
Concen: 9.275 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 91 Resp: 212399
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.3





#79

2-Chlorotoluene

Concen: 9.424 ug/l

RT: 13.124 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

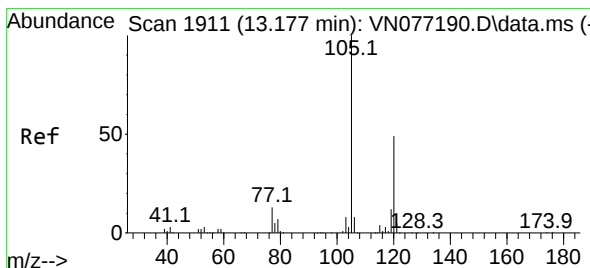
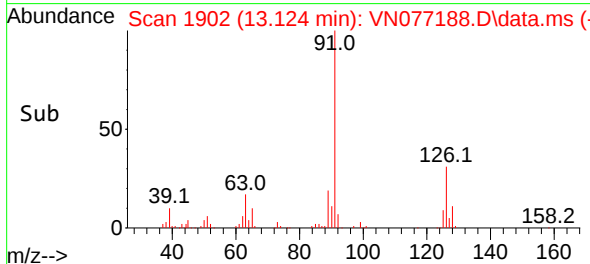
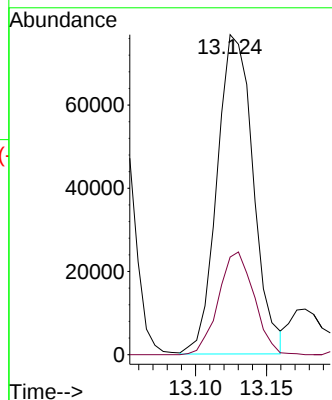
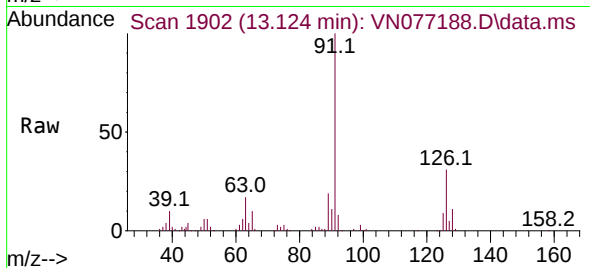
VSTDIC010

Tgt Ion: 91 Resp: 136319

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 9.550 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077188.D

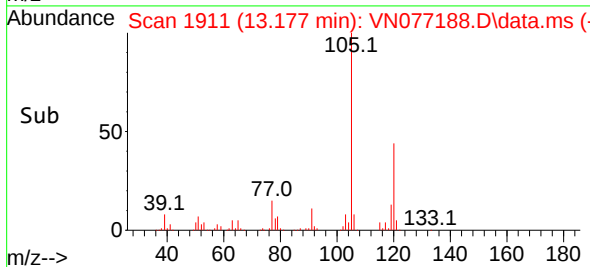
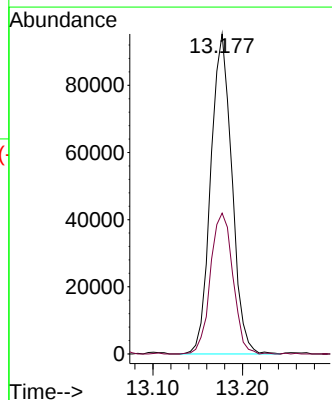
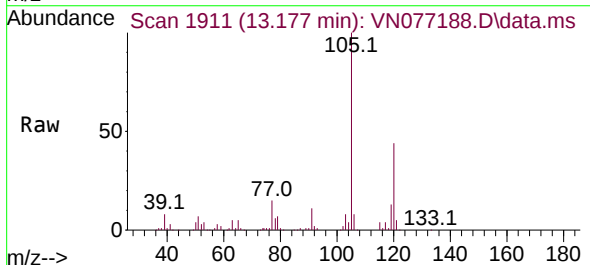
Acq: 24 Mar 2023 21:18

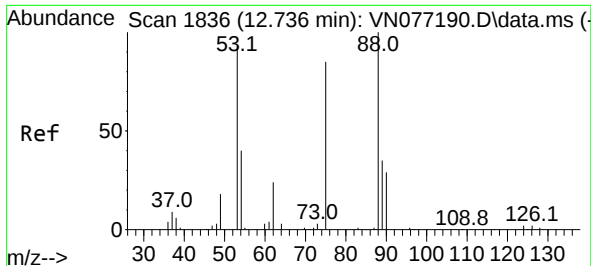
Tgt Ion: 105 Resp: 155848

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.2

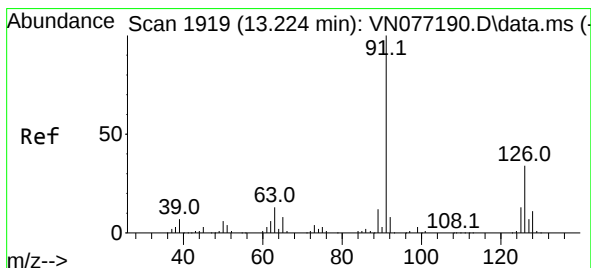
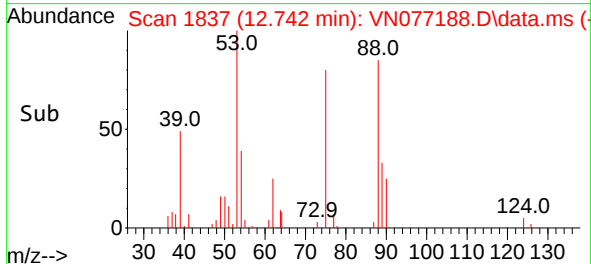
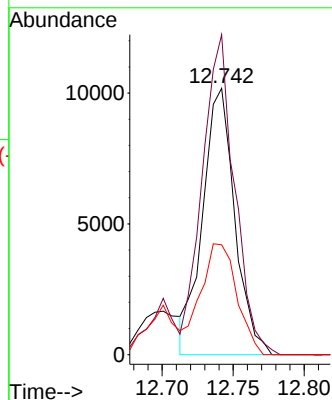
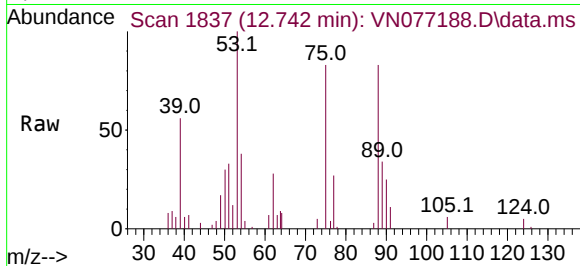




#81
trans-1,4-Dichloro-2-butene
Concen: 8.563 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

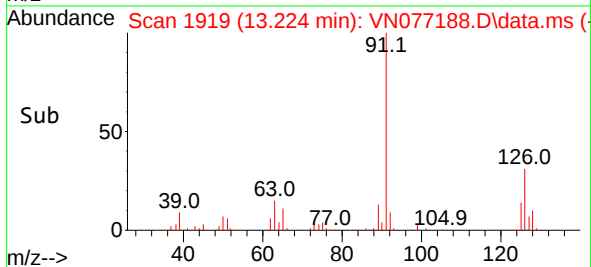
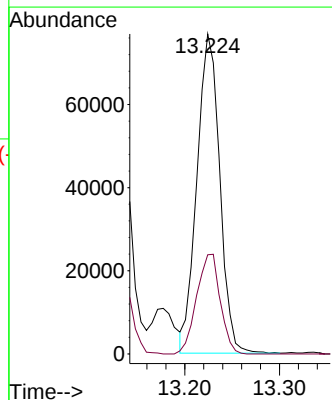
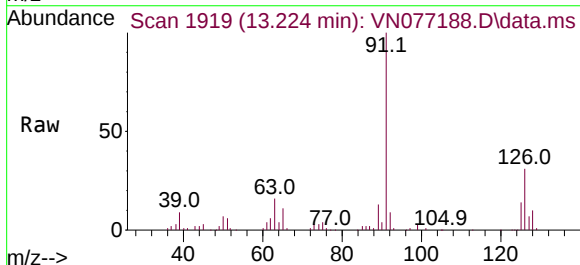
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

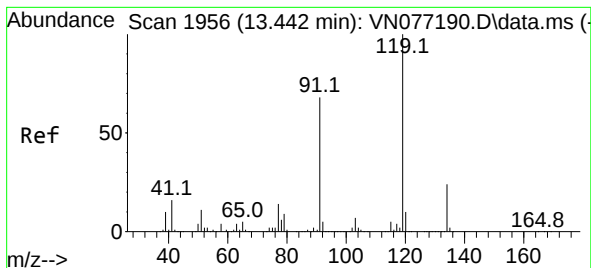
Tgt Ion: 75 Resp: 16045
Ion Ratio Lower Upper
75 100
53 120.7 84.8 127.2
89 47.2 33.8 50.6



#82
4-Chlorotoluene
Concen: 9.182 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 91 Resp: 128291
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.7





#83

tert-Butylbenzene

Concen: 8.923 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077188.D

Acq: 24 Mar 2023 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

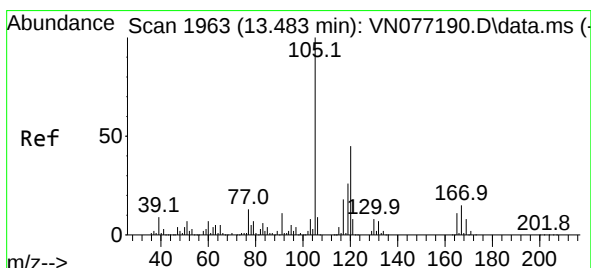
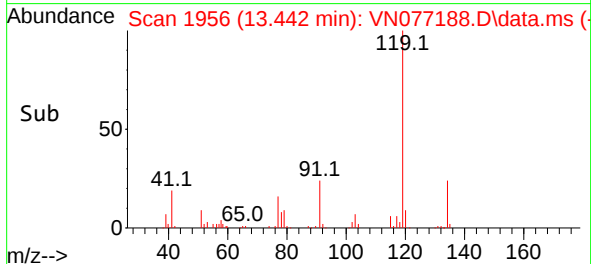
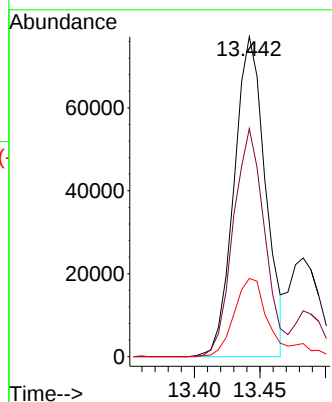
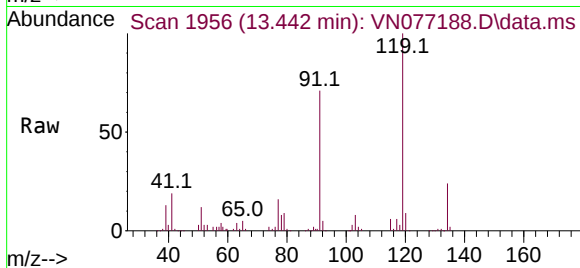
Tgt Ion:119 Resp: 128552

Ion Ratio Lower Upper

119 100

91 72.0 33.0 99.0

134 28.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 9.426 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077188.D

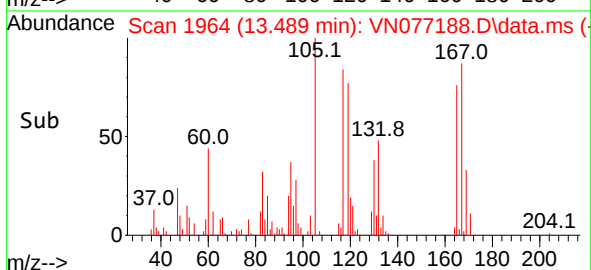
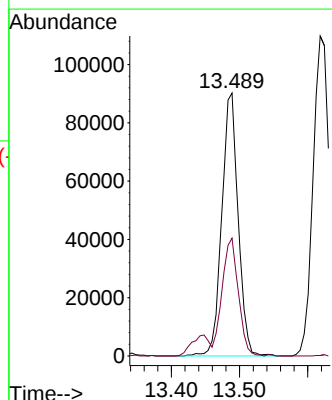
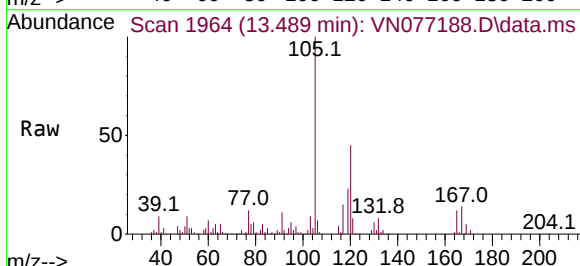
Acq: 24 Mar 2023 21:18

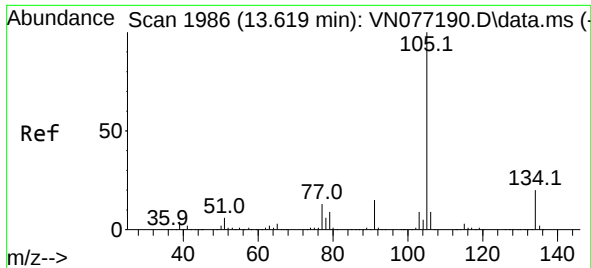
Tgt Ion:105 Resp: 150738

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8

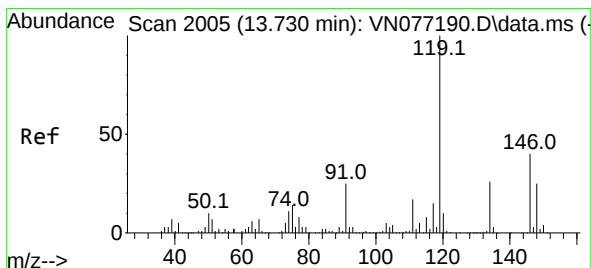
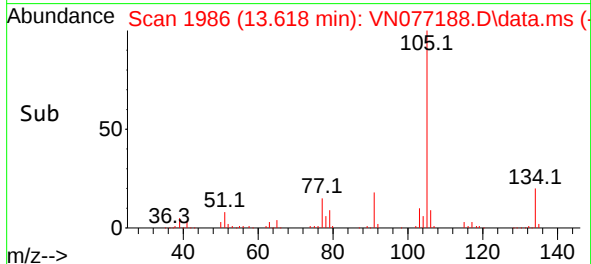
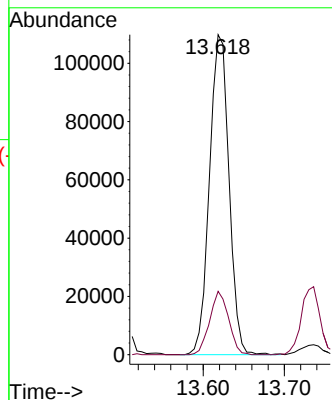
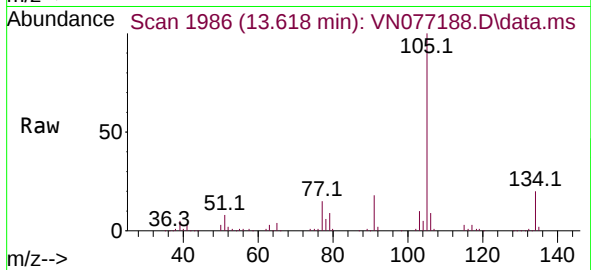




#85
 sec-Butylbenzene
 Concen: 9.249 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

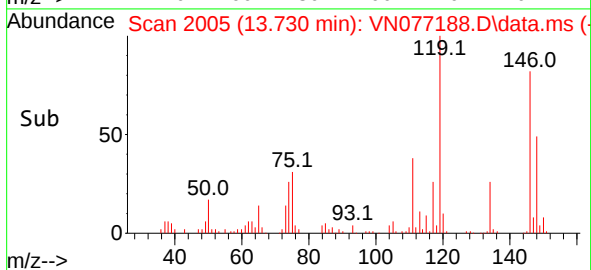
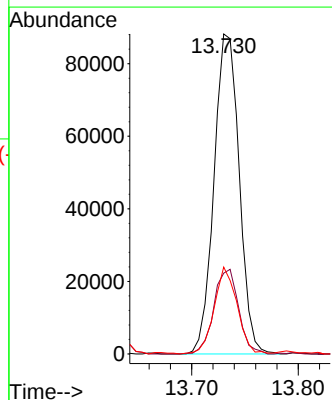
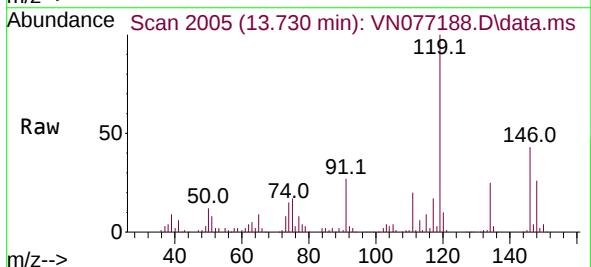
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

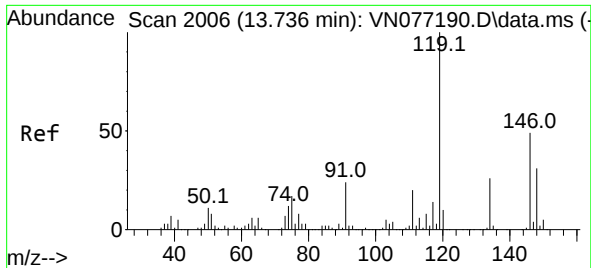
Tgt Ion:105 Resp: 183243
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 9.928 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion:119 Resp: 144760
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.8 12.3 36.9

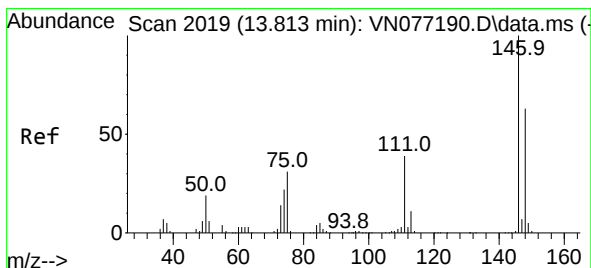
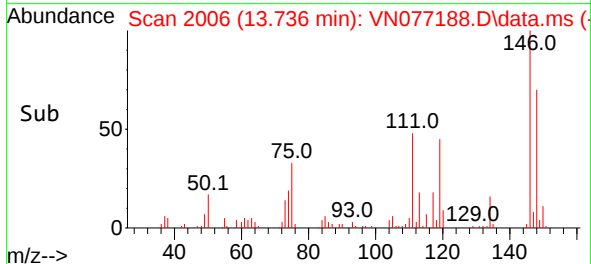
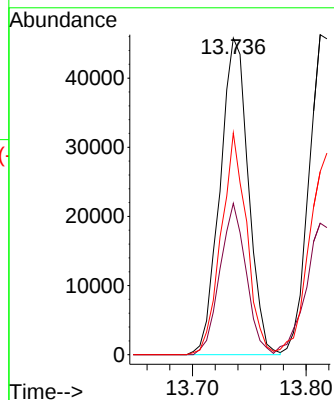
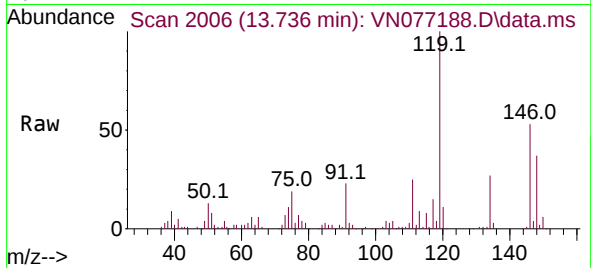




#87
 1,3-Dichlorobenzene
 Concen: 8.936 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

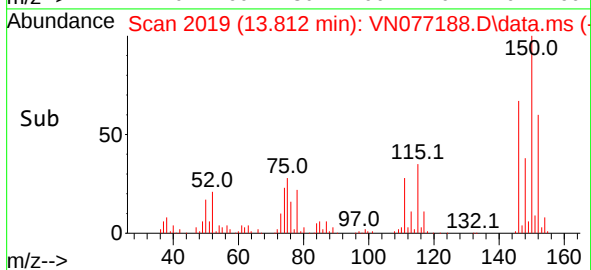
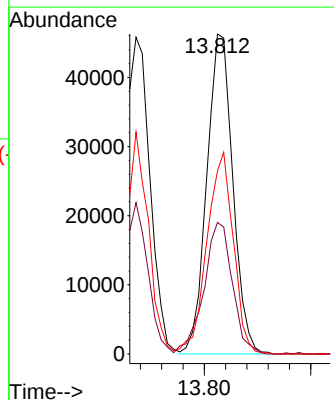
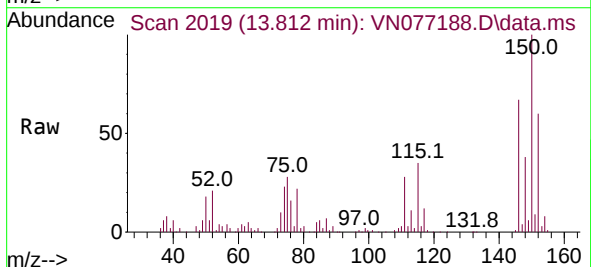
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

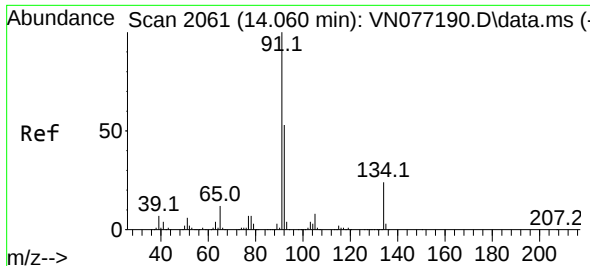
Tgt Ion:146 Resp: 79436
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.9 62.7
 148 62.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 8.666 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion:146 Resp: 78635
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.2 60.6
 148 64.1 32.0 96.0

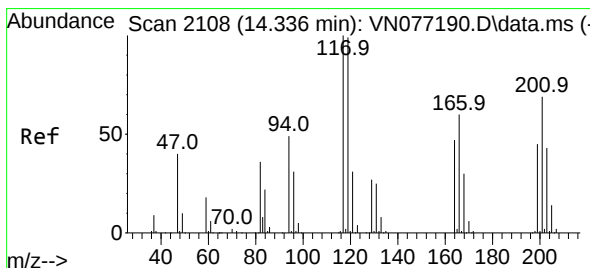
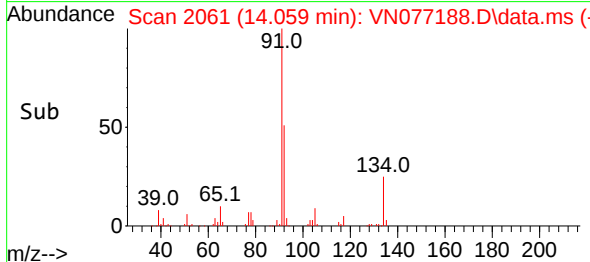
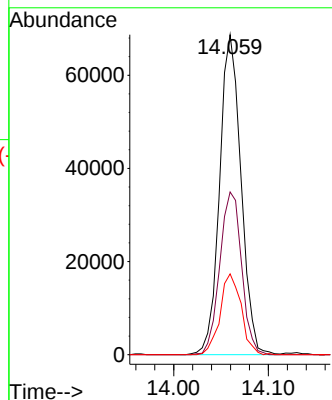
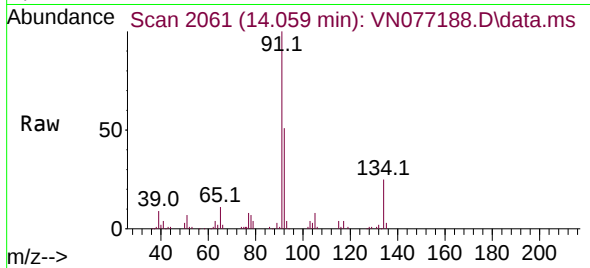




#89
n-Butylbenzene
Concen: 9.336 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

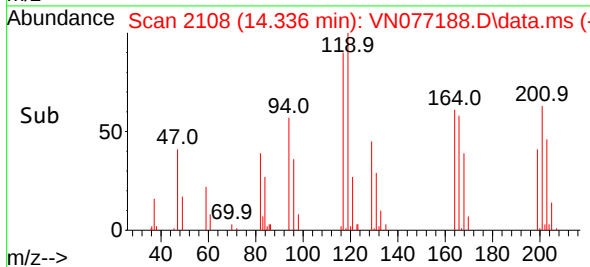
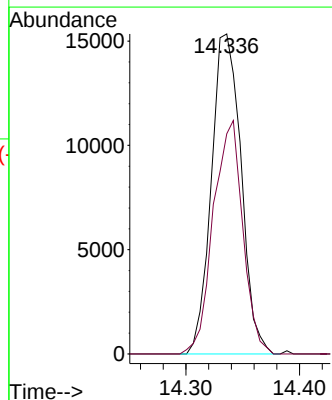
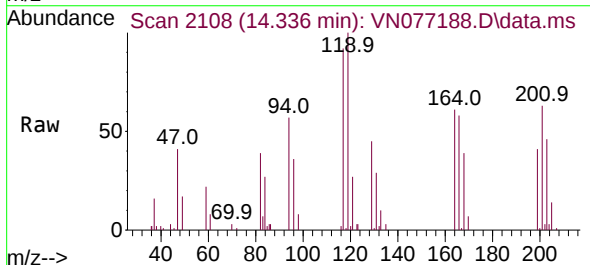
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

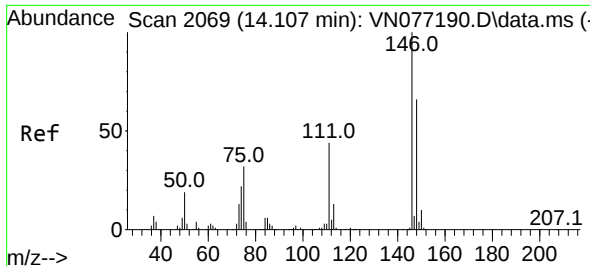
Tgt Ion: 91 Resp: 108127
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 24.9 12.1 36.3



#90
Hexachloroethane
Concen: 8.802 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 117 Resp: 27868
Ion Ratio Lower Upper
117 100
201 72.4 35.1 105.5

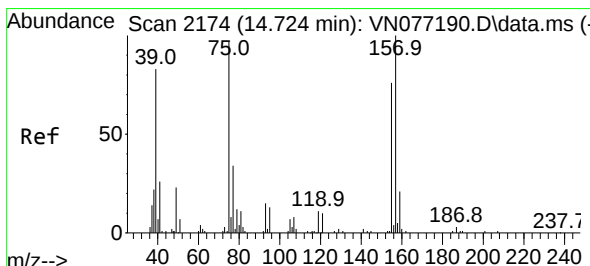
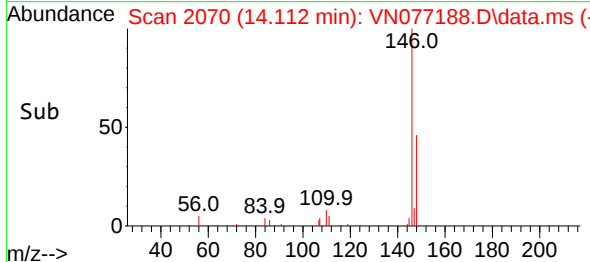
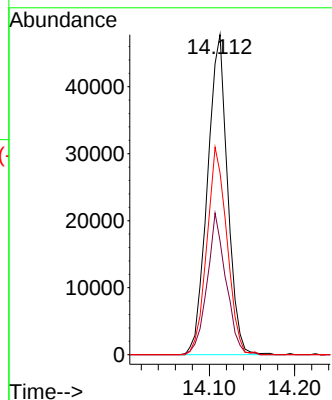
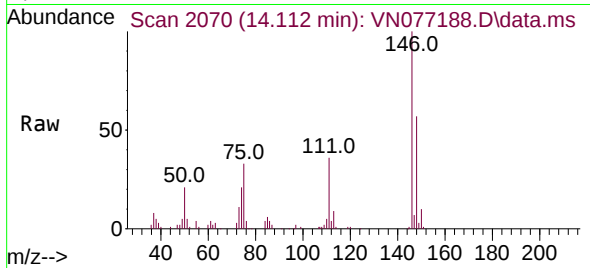




#91
1,2-Dichlorobenzene
Concen: 8.850 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

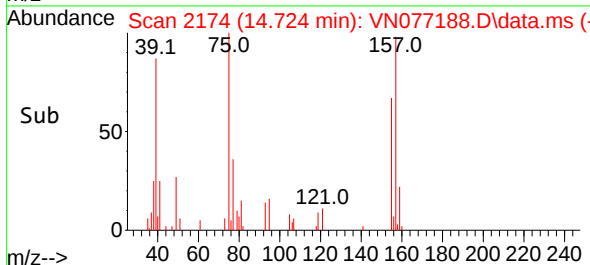
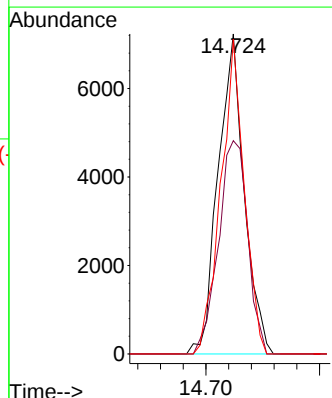
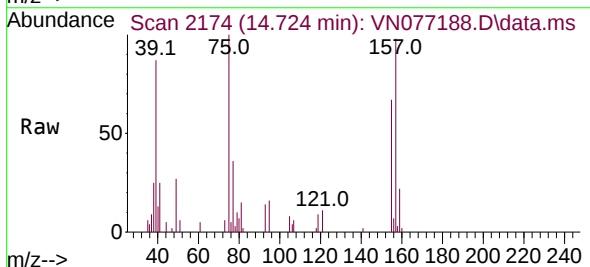
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

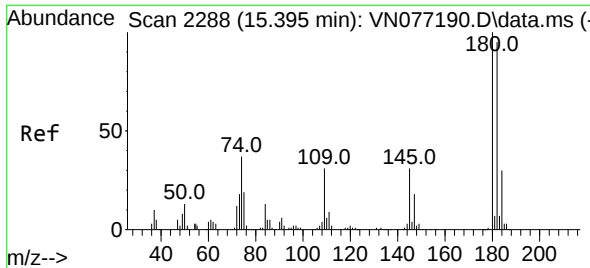
Tgt Ion:146 Resp: 78347
Ion Ratio Lower Upper
146 100
111 41.5 21.6 65.0
148 64.8 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.203 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion: 75 Resp: 11489
Ion Ratio Lower Upper
75 100
155 74.8 38.9 116.6
157 88.8 51.8 155.5

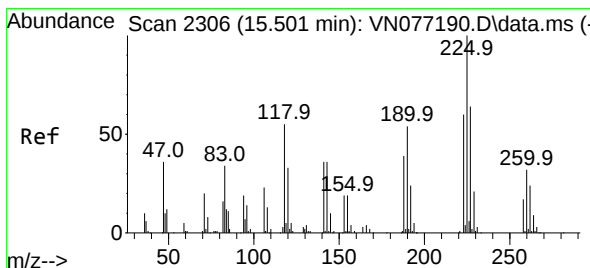
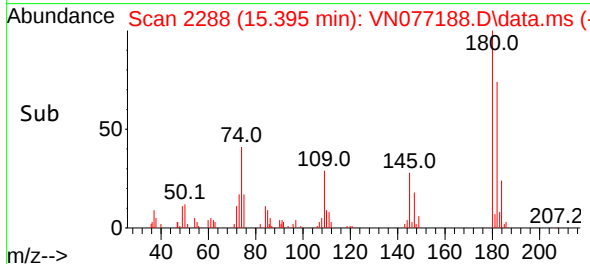
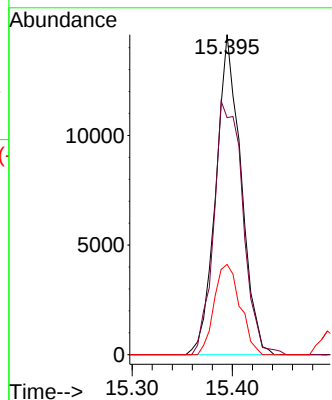
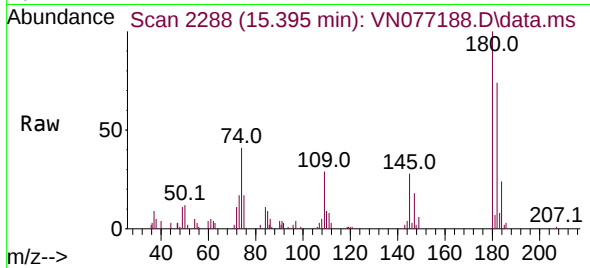




#93
 1,2,4-Trichlorobenzene
 Concen: 8.991 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

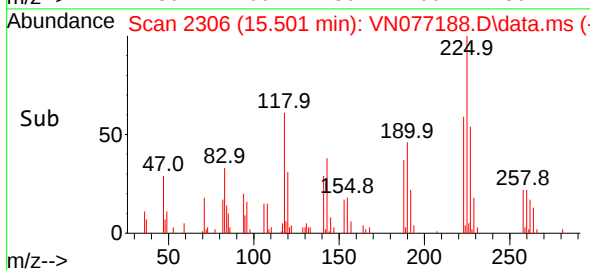
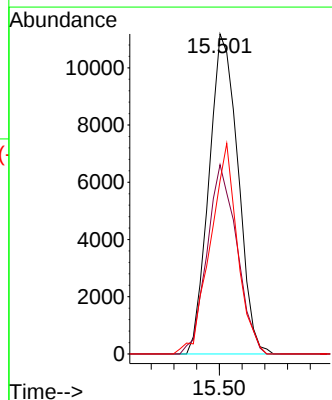
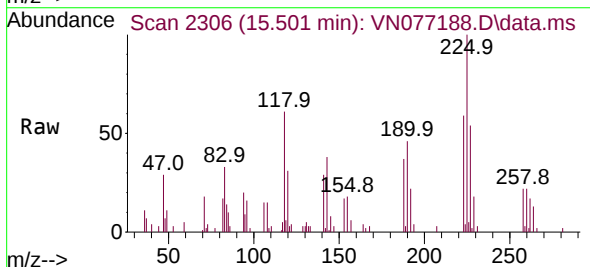
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

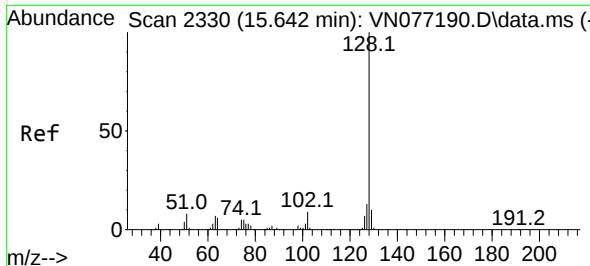
Tgt Ion:180 Resp: 25385
 Ion Ratio Lower Upper
 180 100
 182 91.0 47.8 143.3
 145 29.0 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 9.037 ug/l
 RT: 15.501 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: VN077188.D
 Acq: 24 Mar 2023 21:18

Tgt Ion:225 Resp: 19846
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.4 94.3
 227 61.2 31.1 93.2

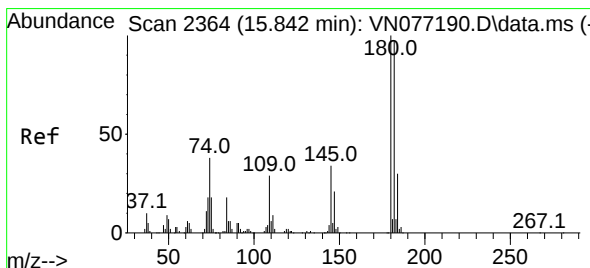
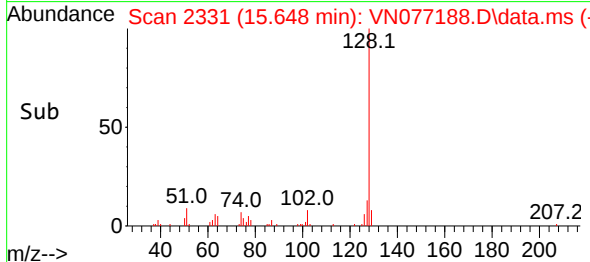
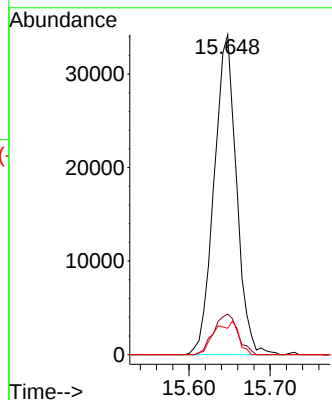
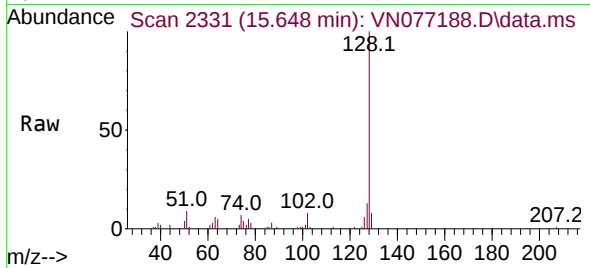




#95
Naphthalene
Concen: 8.377 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 65581
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.2 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 9.047 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077188.D
Acq: 24 Mar 2023 21:18

Tgt Ion:180 Resp: 25296
Ion Ratio Lower Upper
180 100
182 89.7 48.3 144.8
145 30.3 16.9 50.6

