

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077187.D
 Acq On : 24 Mar 2023 20:54
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 05:59:48 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	394986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	620803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	247459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	32680	5.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.560%#		
35) Dibromofluoromethane	8.172	113	25134	5.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	10.572	98	89335	4.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.960%#		
62) 4-Bromofluorobenzene	12.854	95	27285	4.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	24267	5.534	ug/l	100
3) Chloromethane	2.372	50	31889	5.454	ug/l	98
4) Vinyl Chloride	2.525	62	35278	5.455	ug/l	99
5) Bromomethane	2.943	94	29846	5.831	ug/l	91
6) Chloroethane	3.125	64	28245	3.798	ug/l	93
7) Trichlorofluoromethane	3.507	101	50033	5.529	ug/l	86
8) Diethyl Ether	3.978	74	15048	4.945	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	24529	5.583	ug/l	99
10) Methyl Iodide	4.601	142	21453	4.386	ug/l #	97
11) Tert butyl alcohol	5.537	59	23152	27.057	ug/l	96
12) 1,1-Dichloroethene	4.354	96	21548	5.268	ug/l	87
13) Acrolein	4.190	56	31261	26.481	ug/l	99
14) Allyl chloride	5.031	41	41887	5.256	ug/l	98
15) Acrylonitrile	5.731	53	71080	26.775	ug/l	96
16) Acetone	4.448	43	63825	27.025	ug/l	97
17) Carbon Disulfide	4.725	76	59906	5.117	ug/l #	94
18) Methyl Acetate	5.048	43	51061	5.447	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	71642	4.880	ug/l	98
20) Methylene Chloride	5.290	84	29823	5.521	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	24640	5.419	ug/l #	85
22) Diisopropyl ether	6.678	45	82634	5.066	ug/l	92
23) Vinyl Acetate	6.613	43	255937	21.413	ug/l	99
24) 1,1-Dichloroethane	6.578	63	50142	5.306	ug/l	98
25) 2-Butanone	7.495	43	92223	25.783	ug/l	98
26) 2,2-Dichloropropane	7.501	77	33956	5.295	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	26836	5.080	ug/l	99
28) Bromochloromethane	7.819	49	23121	4.857	ug/l	97
29) Tetrahydrofuran	7.854	42	59936	25.695	ug/l	98
30) Chloroform	7.978	83	48974	5.251	ug/l	99
31) Cyclohexane	8.260	56	51804	5.990	ug/l #	95
32) 1,1,1-Trichloroethane	8.178	97	40081	5.012	ug/l #	90
36) 1,1-Dichloropropene	8.372	75	33945	5.046	ug/l	96
37) Ethyl Acetate	7.566	43	39086	5.242	ug/l	98
38) Carbon Tetrachloride	8.366	117	34849	5.042	ug/l	91
39) Methylcyclohexane	9.601	83	36842	4.820	ug/l	93
40) Benzene	8.613	78	105076	5.088	ug/l	93

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 05:59:48 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)
41) Methacrylonitrile	7.789	41	21177	5.172	ug/l	97
42) 1,2-Dichloroethane	8.678	62	41887	5.357	ug/l	98
43) Isopropyl Acetate	8.695	43	57364	4.811	ug/l #	91
44) Trichloroethene	9.354	130	23543	4.881	ug/l	95
45) 1,2-Dichloropropane	9.625	63	28561	5.215	ug/l #	81
46) Dibromomethane	9.713	93	18839	5.386	ug/l	98
47) Bromodichloromethane	9.889	83	35436	4.912	ug/l #	94
48) Methyl methacrylate	9.683	41	27152	4.710	ug/l	99
49) 1,4-Dioxane	9.695	88	10540	111.521	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	183895	25.187	ug/l	99
52) Toluene	10.630	92	60397	4.881	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	33754	4.730	ug/l #	85
54) cis-1,3-Dichloropropene	10.313	75	37123	4.745	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	25094	5.246	ug/l	96
56) Ethyl methacrylate	10.877	69	31394	5.791	ug/l	94
57) 1,3-Dichloropropane	11.160	76	44731	5.166	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	63537	30.277	ug/l	98
59) 2-Hexanone	11.201	43	131795	25.471	ug/l	95
60) Dibromochloromethane	11.366	129	23982	4.796	ug/l	100
61) 1,2-Dibromoethane	11.471	107	24564	5.063	ug/l	96
64) Tetrachloroethene	11.107	164	19766	5.072	ug/l	93
65) Chlorobenzene	11.895	112	64350	4.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	23323	5.032	ug/l	100
67) Ethyl Benzene	11.966	91	112369	5.002	ug/l	100
68) m/p-Xylenes	12.071	106	80867	9.767	ug/l	96
69) o-Xylene	12.401	106	38778	4.751	ug/l	99
70) Styrene	12.413	104	59547	5.960	ug/l	98
71) Bromoform	12.577	173	16214	4.811	ug/l #	96
73) Isopropylbenzene	12.695	105	99243	5.171	ug/l	98
74) N-amyl acetate	12.495	43	42123	5.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	39440	5.701	ug/l	95
76) 1,2,3-Trichloropropane	13.001	75	44878	7.476	ug/l	57
77) Bromobenzene	12.983	156	24221	5.267	ug/l	97
78) n-propylbenzene	13.036	91	111247	5.113	ug/l	97
79) 2-Chlorotoluene	13.130	91	73296	5.333	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	78912	5.090	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	8015	4.503	ug/l #	75
82) 4-Chlorotoluene	13.224	91	66575	5.015	ug/l	100
83) tert-Butylbenzene	13.436	119	68320	4.991	ug/l	94
84) 1,2,4-Trimethylbenzene	13.489	105	74769	4.921	ug/l	99
85) sec-Butylbenzene	13.618	105	92793	4.930	ug/l	100
86) p-Isopropyltoluene	13.736	119	70529	6.248	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	42265	5.005	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	42899	4.976	ug/l	95
89) n-Butylbenzene	14.060	91	54523	6.277	ug/l	97
90) Hexachloroethane	14.336	117	14554	4.839	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	43629	5.187	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	5982	5.044	ug/l	92
93) 1,2,4-Trichlorobenzene	15.401	180	11970	6.267	ug/l	97
94) Hexachlorobutadiene	15.501	225	11424	5.476	ug/l	96
95) Naphthalene	15.642	128	27495	6.094	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	10679	5.973	ug/l	95

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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

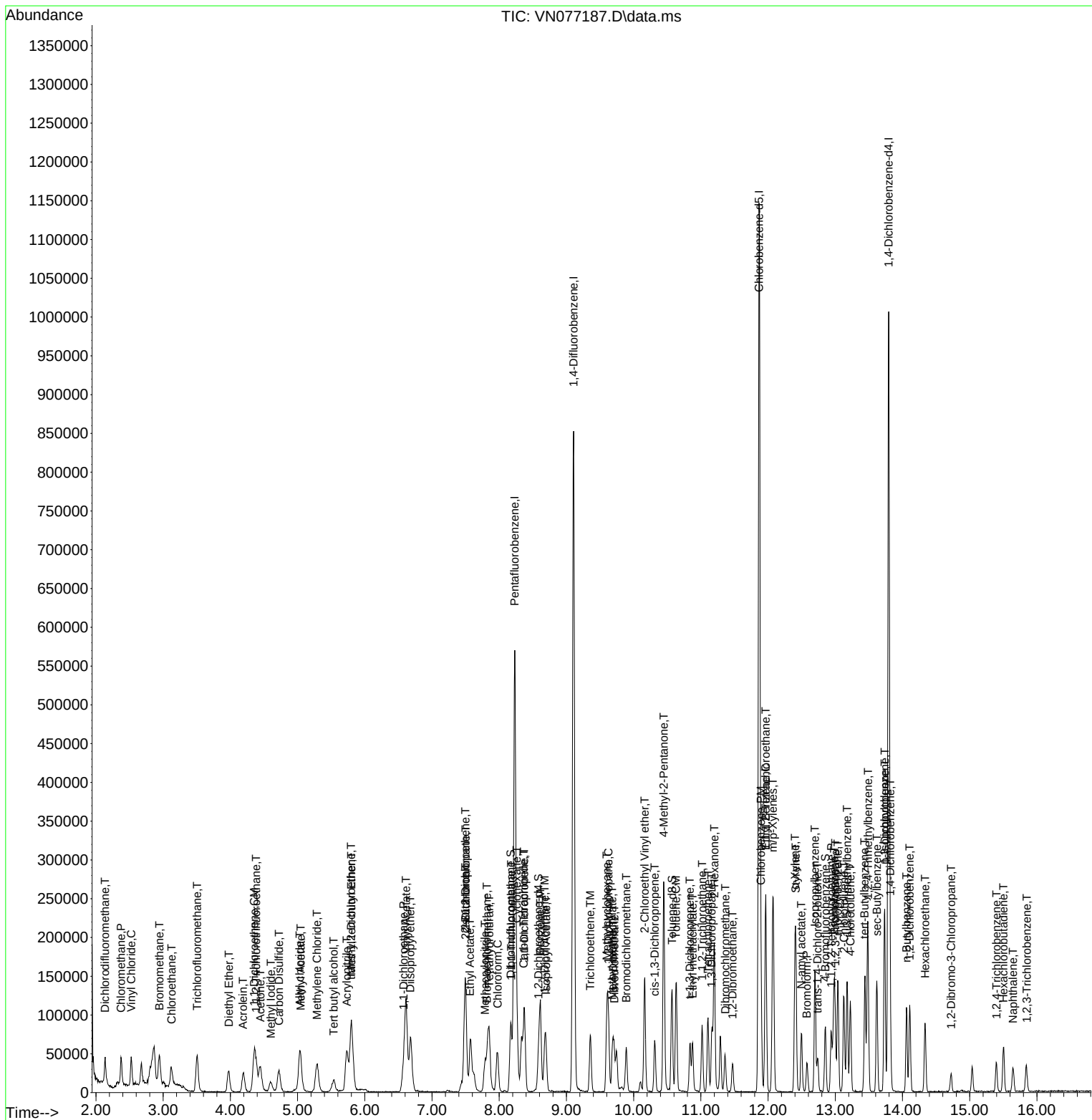
Instrument :
MSVOA_N
ClientSampleId :

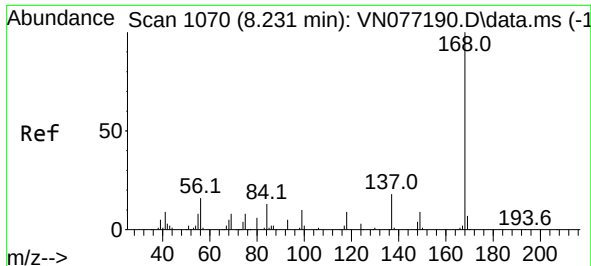
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Quant Title : SW846 8260
QLast Update : Sat Mar 25 05:52:26 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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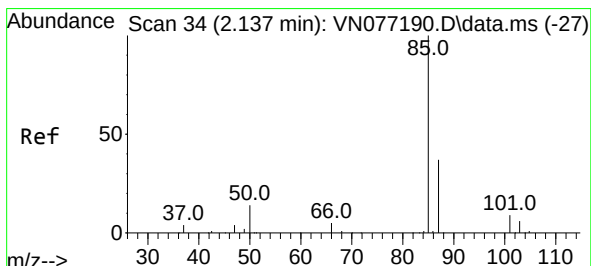
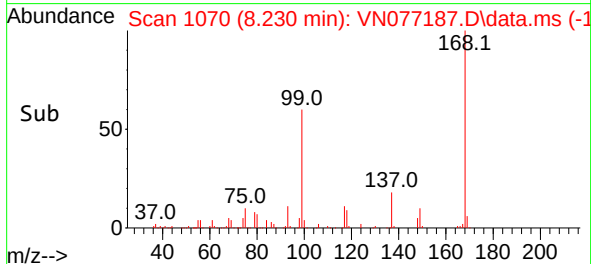
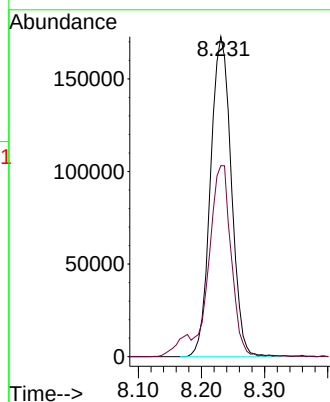
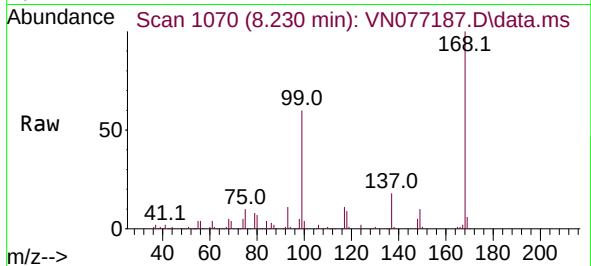




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077187.D
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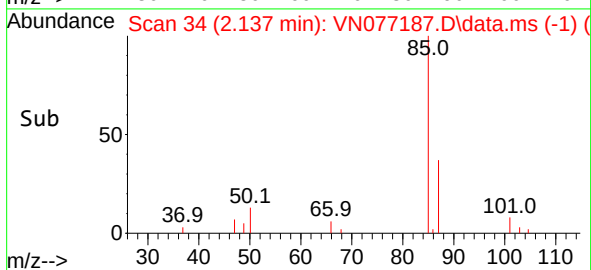
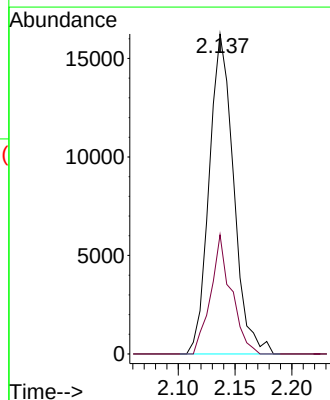
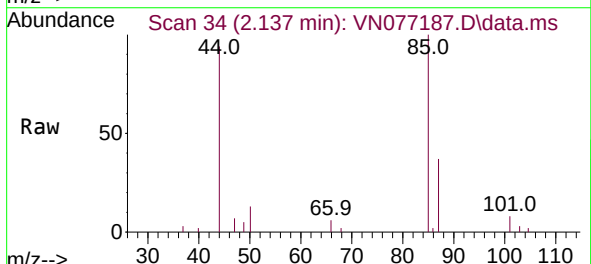
Instrument :
MSVOA_N
ClientSampleId :

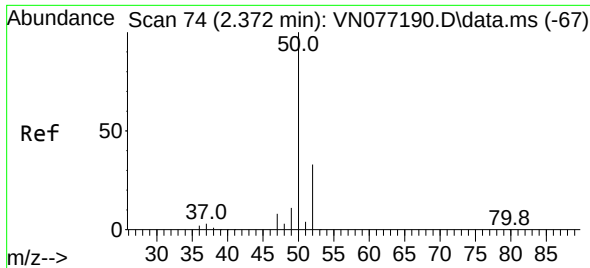
Tgt Ion:168 Resp: 394986
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 5.534 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 85 Resp: 24267
Ion Ratio Lower Upper
85 100
87 37.2 18.5 55.5

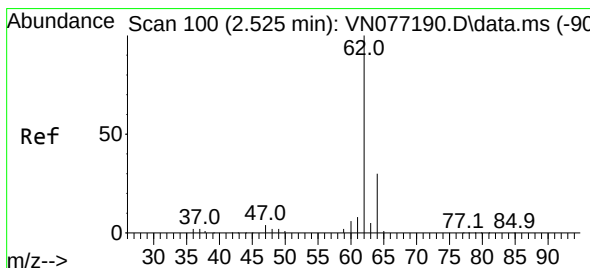
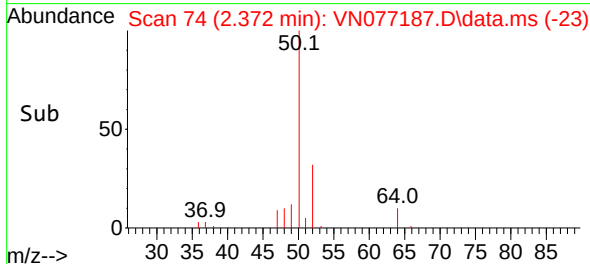
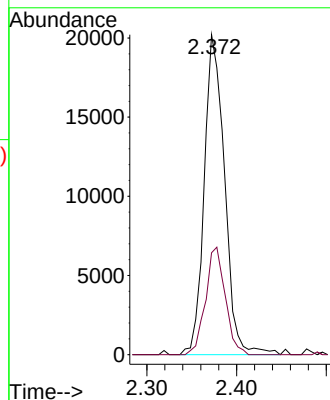
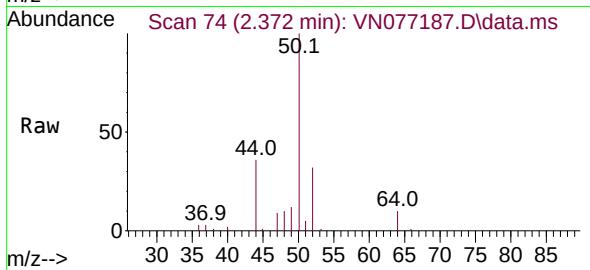




#3
Chloromethane
Concen: 5.454 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

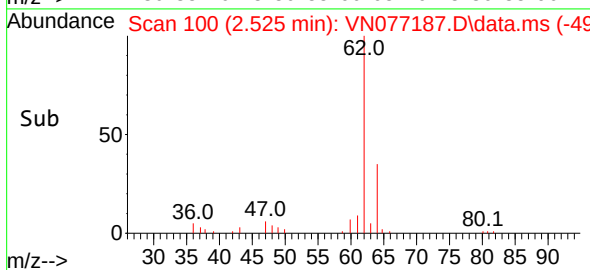
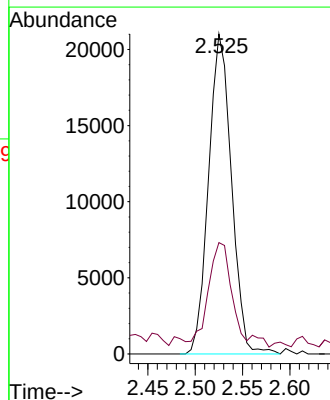
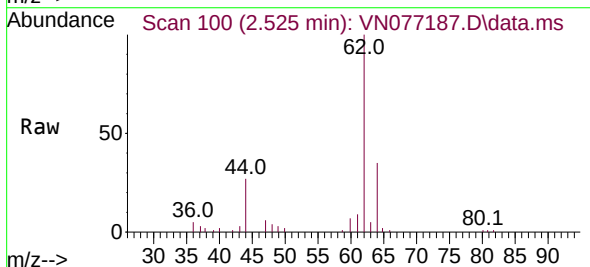
Instrument :
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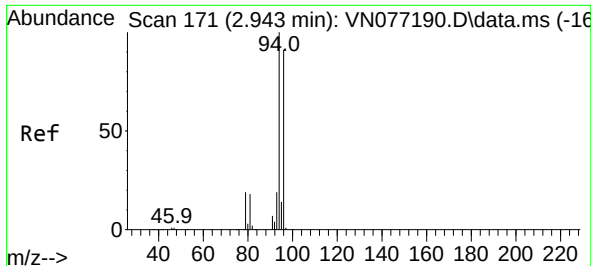
Tgt Ion: 50 Resp: 31889
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4



#4
Vinyl Chloride
Concen: 5.455 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 62 Resp: 35278
Ion Ratio Lower Upper
62 100
64 31.1 24.4 36.6

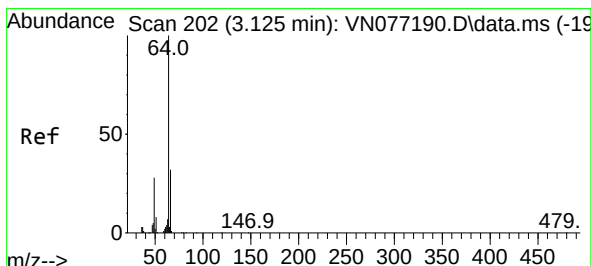
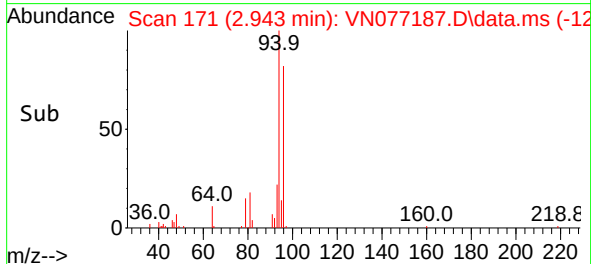
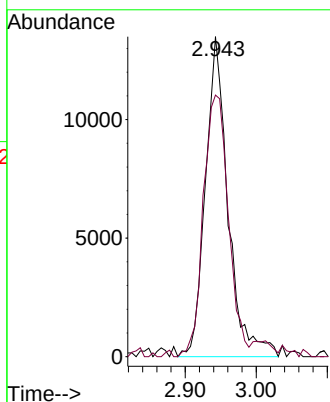
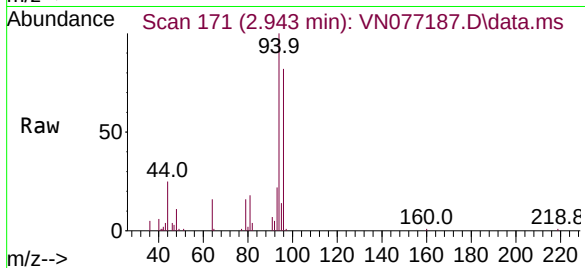




#5
Bromomethane
Concen: 5.831 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

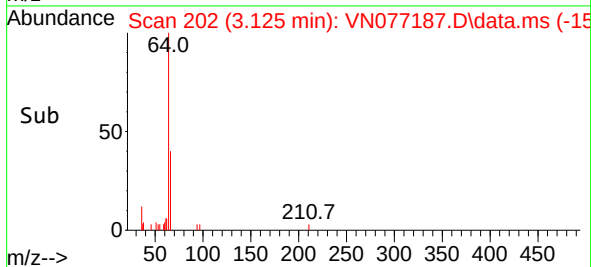
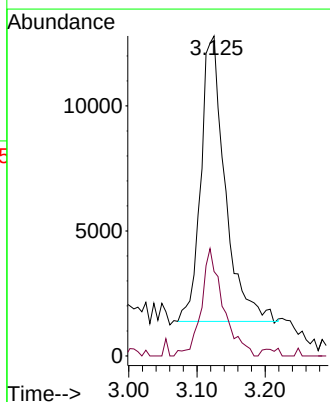
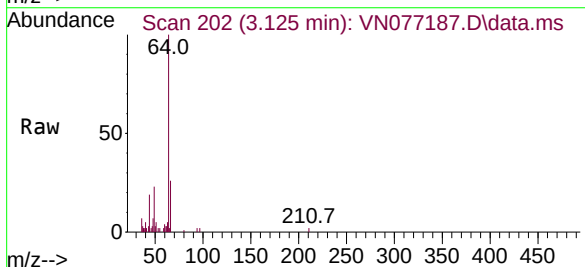
Instrument :
MSVOA_N
ClientSampleId :

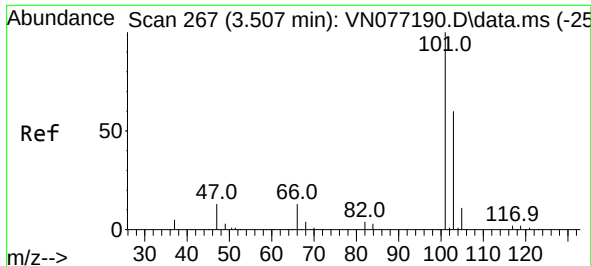
Tgt Ion: 94 Resp: 29846
Ion Ratio Lower Upper
94 100
96 81.8 72.5 108.7



#6
Chloroethane
Concen: 3.798 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

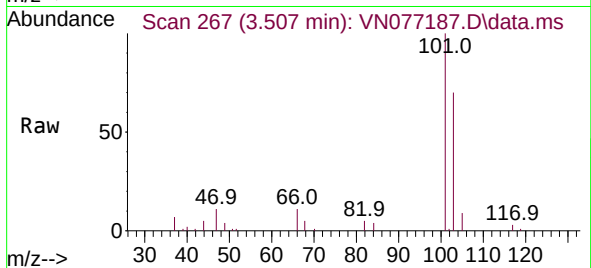
Tgt Ion: 64 Resp: 28245
Ion Ratio Lower Upper
64 100
66 27.7 25.1 37.7



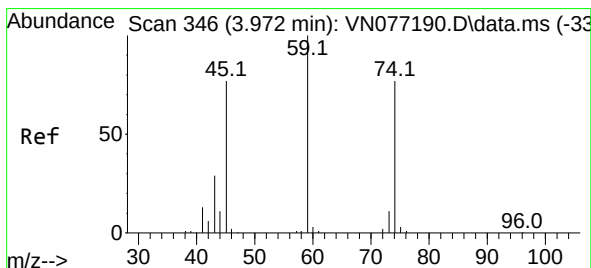
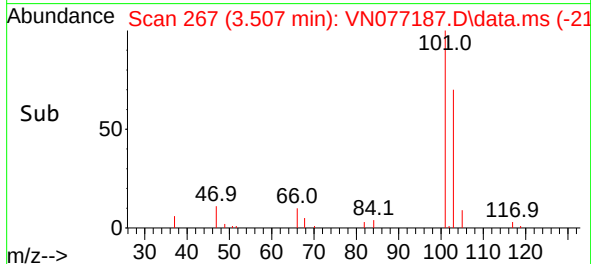
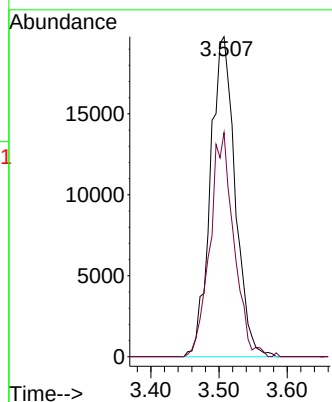


#7
 Trichlorofluoromethane
 Concen: 5.529 ug/l
 RT: 3.507 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Instrument :
 MSVOA_N
 ClientSampleId :

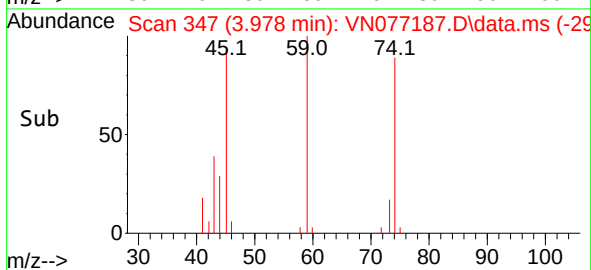
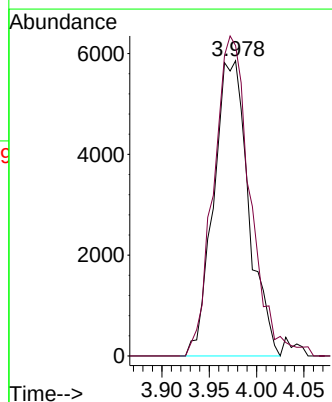
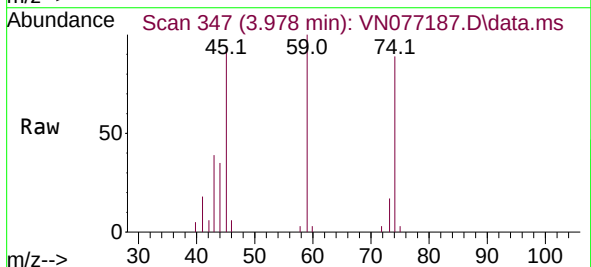


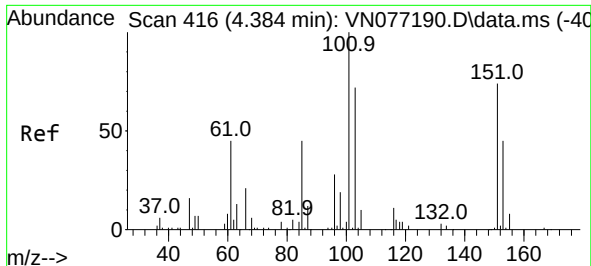
Tgt Ion:101 Resp: 50033
 Ion Ratio Lower Upper
 101 100
 103 70.0 47.6 71.4



#8
 Diethyl Ether
 Concen: 4.945 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Tgt Ion: 74 Resp: 15048
 Ion Ratio Lower Upper
 74 100
 45 113.3 51.1 153.4

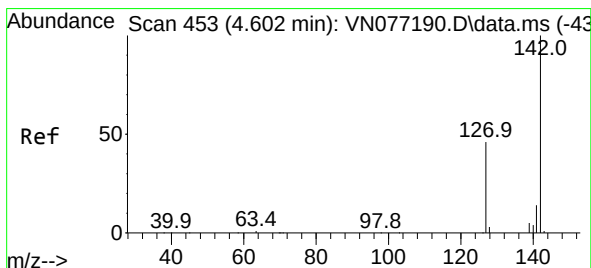
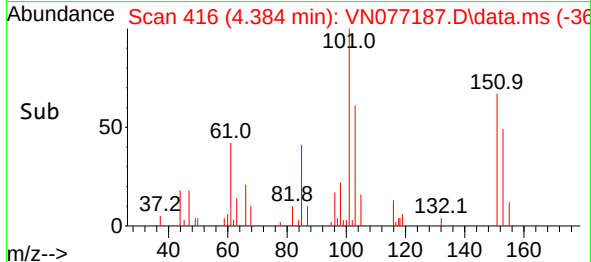
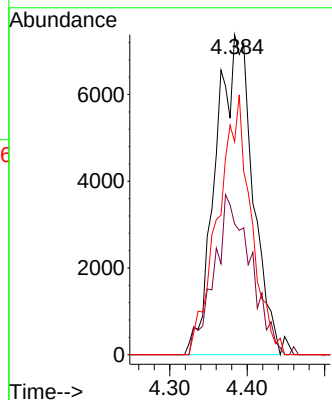
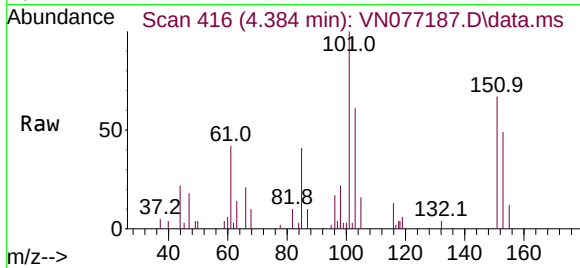




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.583 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077187.D
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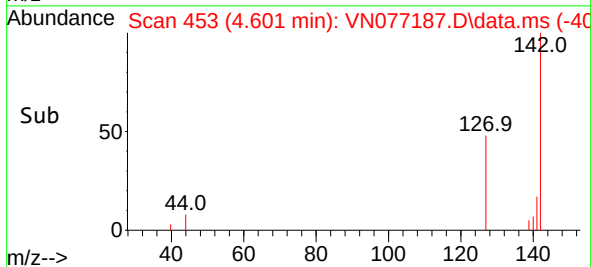
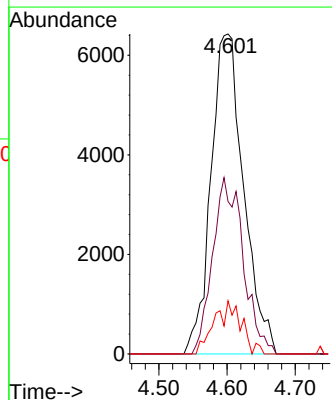
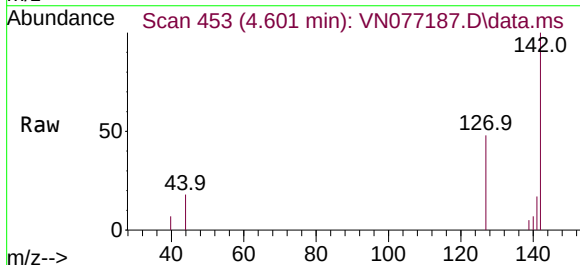
Instrument :
MSVOA_N
ClientSampleId :

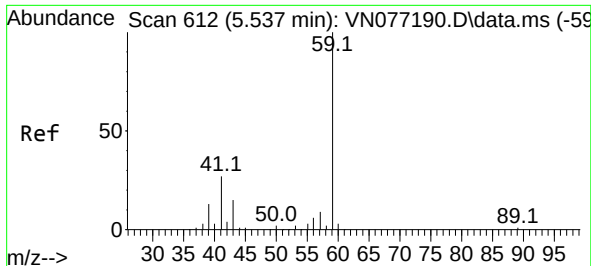
Tgt Ion:101 Resp: 24529
Ion Ratio Lower Upper
101 100
85 49.1 37.9 56.9
151 72.2 58.1 87.1



#10
Methyl Iodide
Concen: 4.386 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:142 Resp: 21453
Ion Ratio Lower Upper
142 100
127 47.7 37.0 55.4
141 16.6 11.0 16.4#

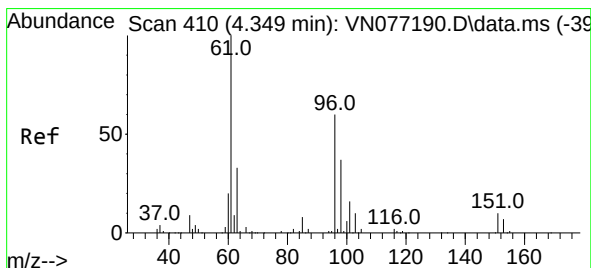
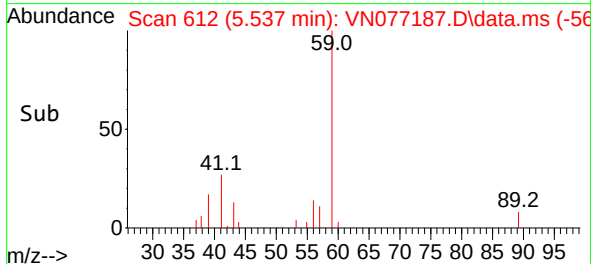
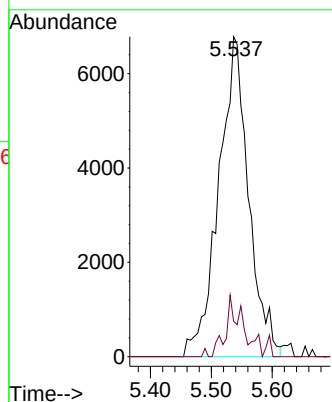
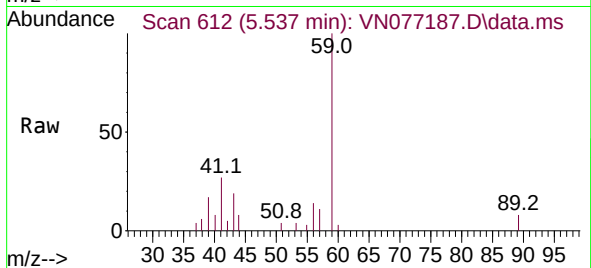




#11
Tert butyl alcohol
Concen: 27.057 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

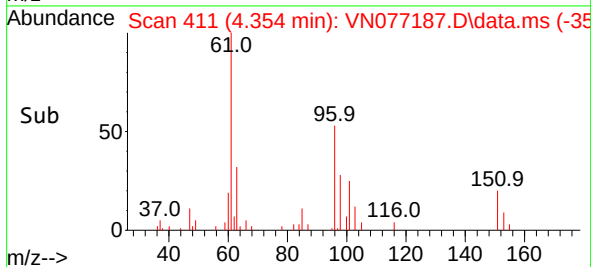
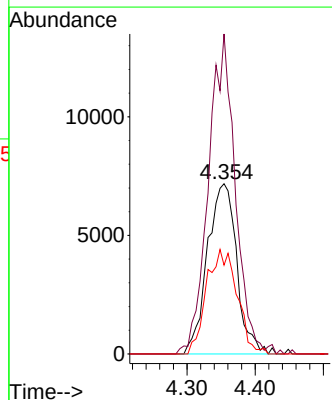
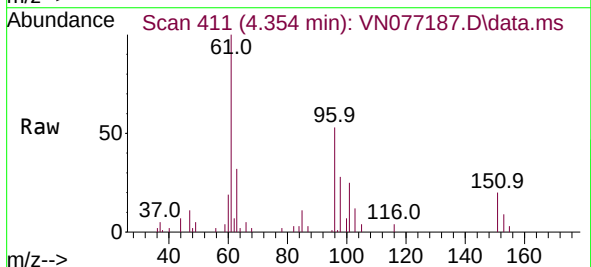
Instrument :
MSVOA_N
ClientSampleId :

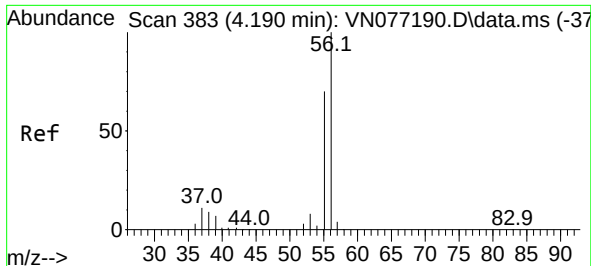
Tgt Ion: 59 Resp: 23152
Ion Ratio Lower Upper
59 100
57 9.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 5.268 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 96 Resp: 21548
Ion Ratio Lower Upper
96 100
61 185.6 134.4 201.6
98 52.1 50.1 75.1

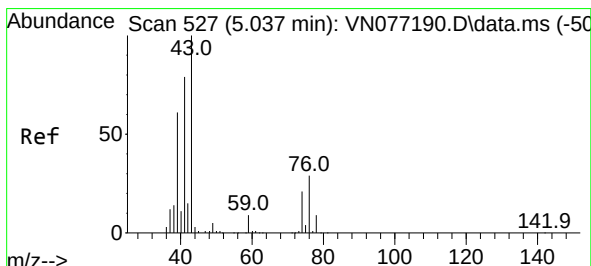
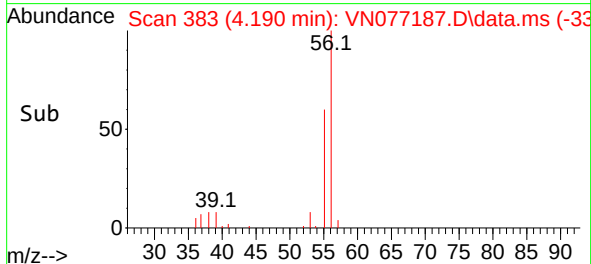
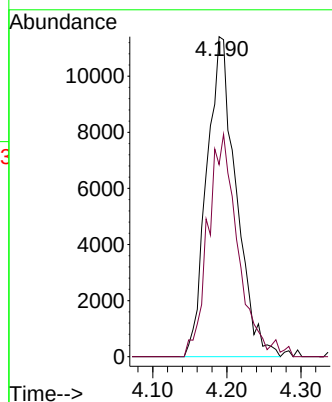
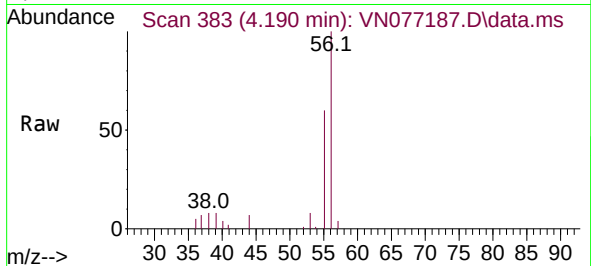




#13
Acrolein
Concen: 26.481 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

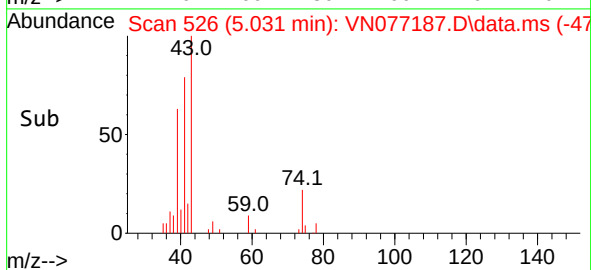
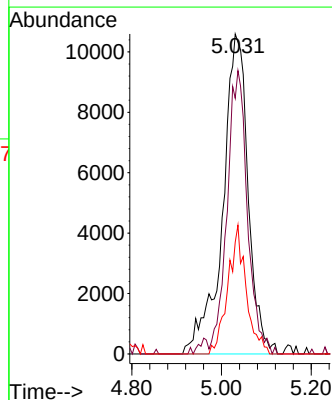
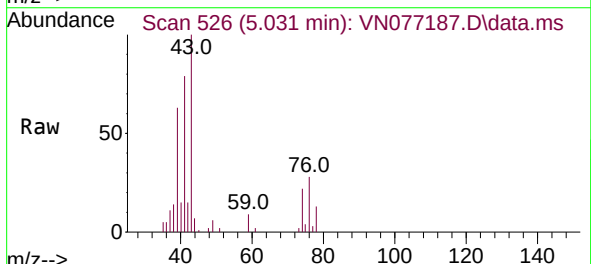
Instrument :
MSVOA_N
ClientSampleId :

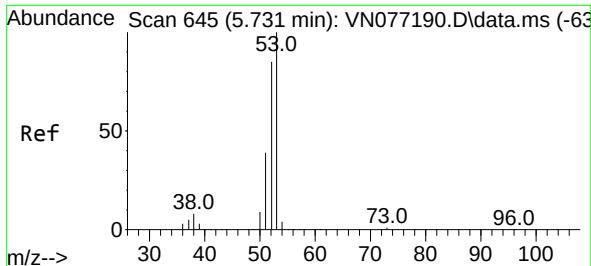
Tgt Ion: 56 Resp: 31261
Ion Ratio Lower Upper
56 100
55 70.2 56.8 85.2



#14
Allyl chloride
Concen: 5.256 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

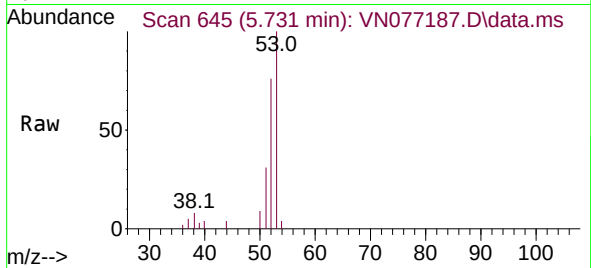
Tgt Ion: 41 Resp: 41887
Ion Ratio Lower Upper
41 100
39 70.6 56.8 85.2
76 28.8 25.0 37.6



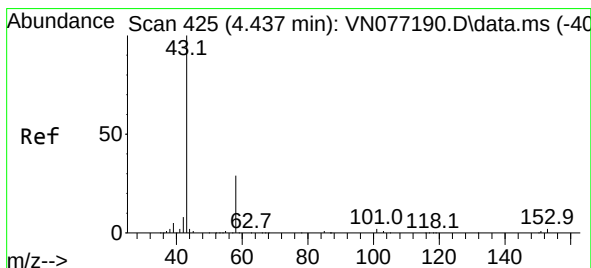
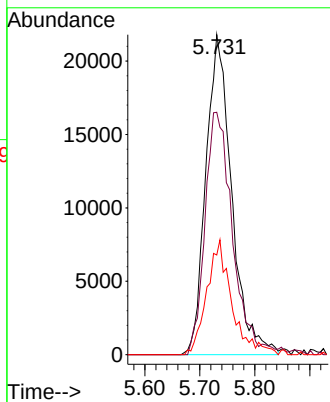
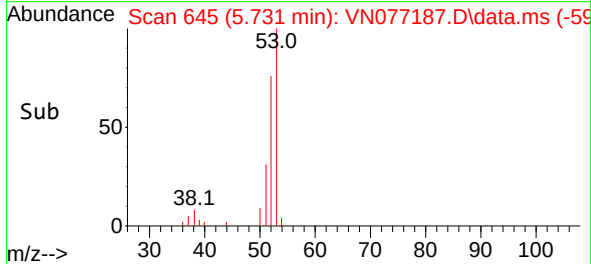


#15
Acrylonitrile
Concen: 26.775 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Instrument :
MSVOA_N
ClientSampleId :

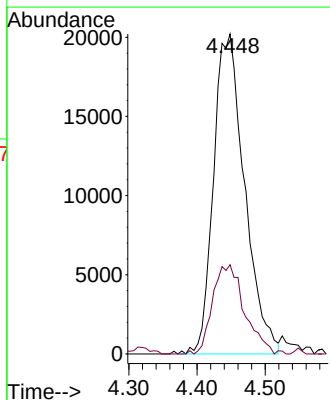
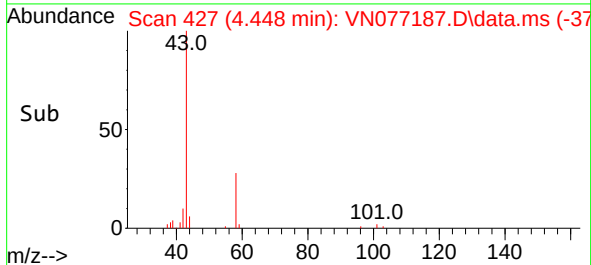
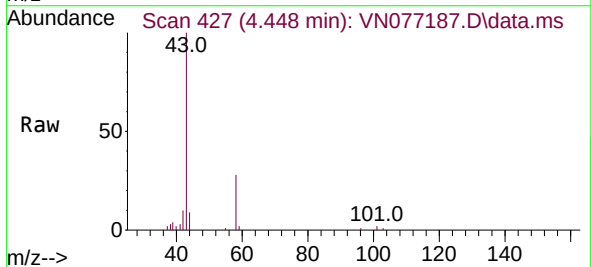


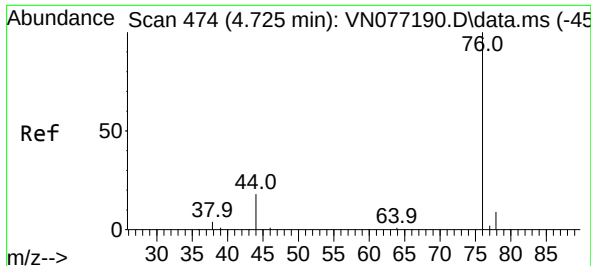
Tgt Ion: 53 Resp: 71080
Ion Ratio Lower Upper
53 100
52 81.0 67.6 101.4
51 34.8 29.8 44.6



#16
Acetone
Concen: 27.025 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

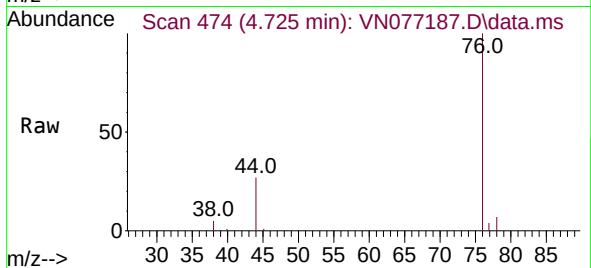
Tgt Ion: 43 Resp: 63825
Ion Ratio Lower Upper
43 100
58 27.9 23.7 35.5



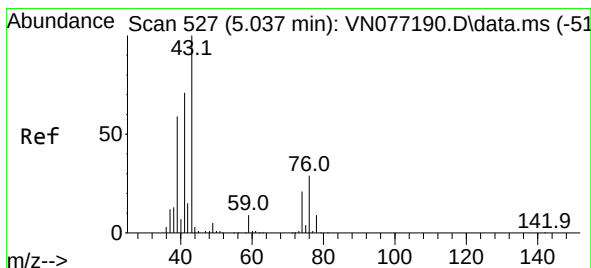
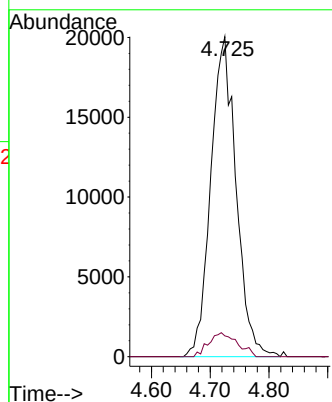
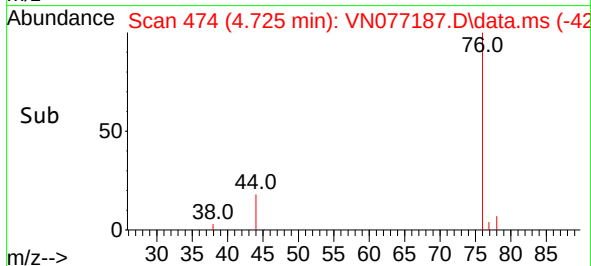


#17
Carbon Disulfide
Concen: 5.117 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Instrument :
MSVOA_N
ClientSampleId :

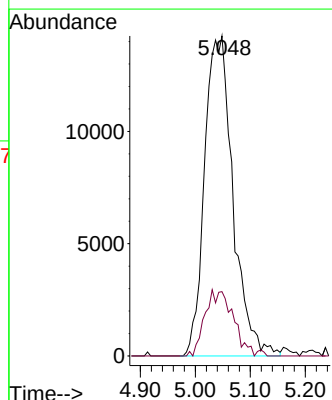
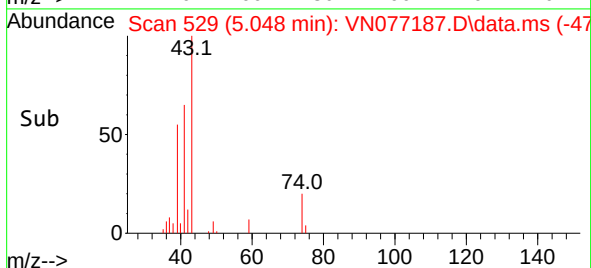
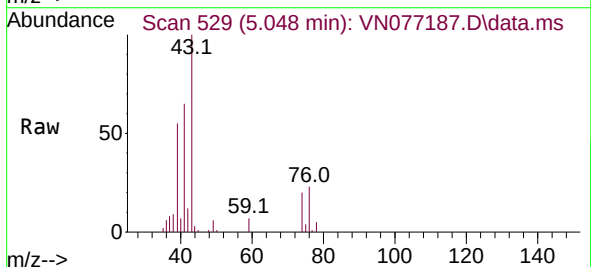


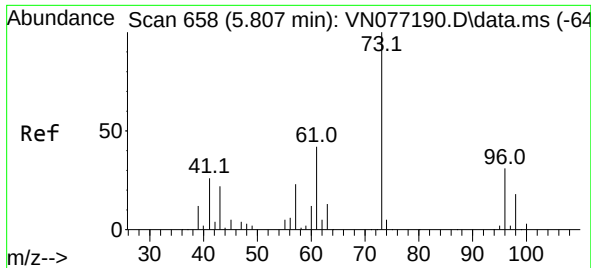
Tgt Ion: 76 Resp: 59906
Ion Ratio Lower Upper
76 100
78 6.5 6.9 10.3#



#18
Methyl Acetate
Concen: 5.447 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 43 Resp: 51061
Ion Ratio Lower Upper
43 100
74 20.4 17.5 26.3

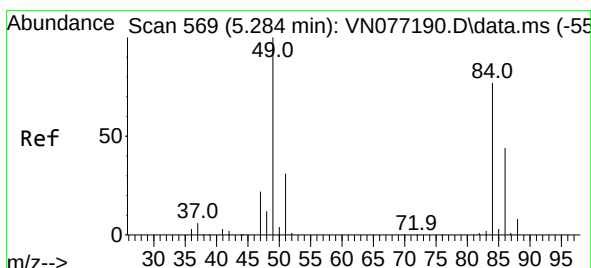
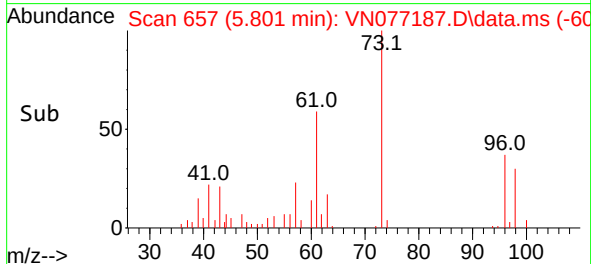
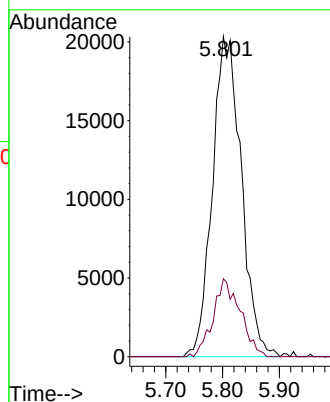
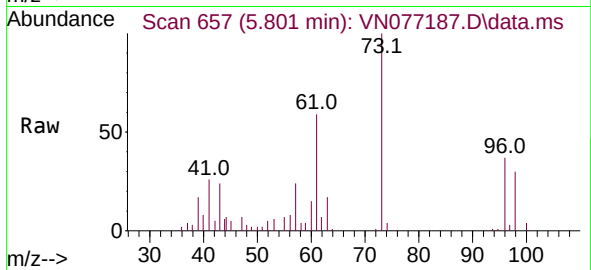




#19
Methyl tert-butyl Ether
Concen: 4.880 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

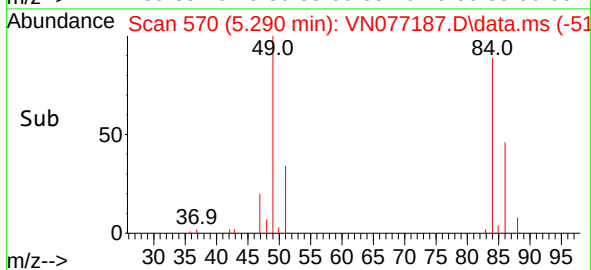
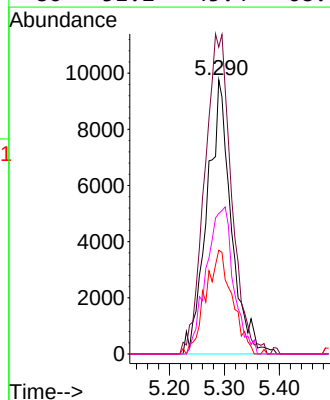
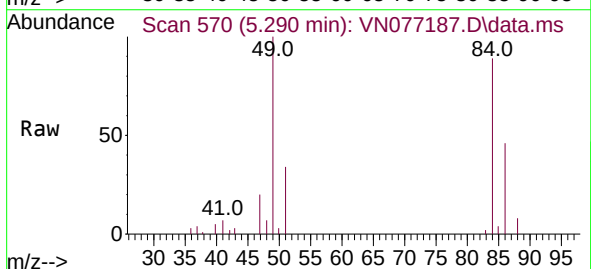
Instrument :
MSVOA_N
ClientSampleId :

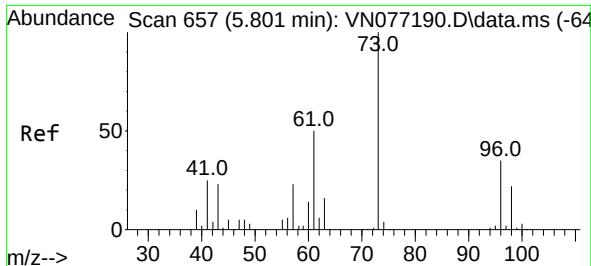
Tgt Ion: 73 Resp: 71642
Ion Ratio Lower Upper
73 100
57 24.3 18.7 28.1



#20
Methylene Chloride
Concen: 5.521 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 84 Resp: 29823
Ion Ratio Lower Upper
84 100
49 112.0 103.4 155.0
51 37.8 31.6 47.4
86 51.2 45.4 68.0

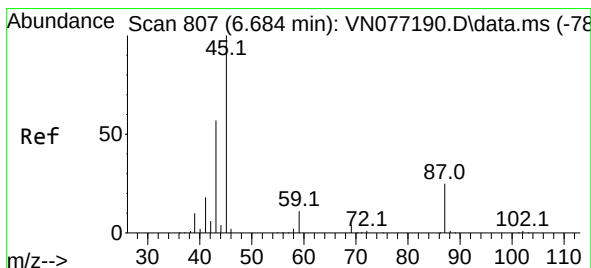
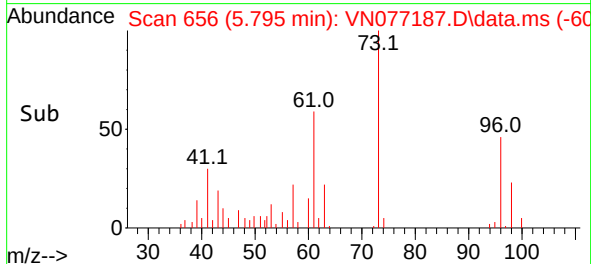
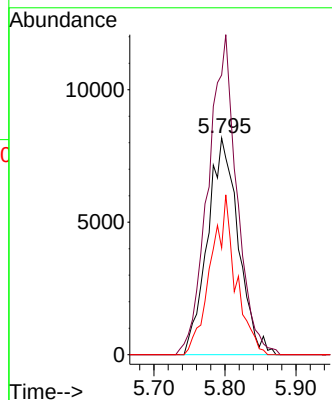
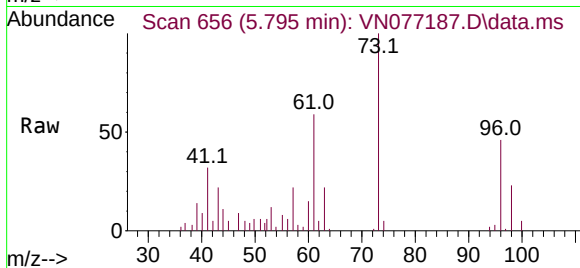




#21
trans-1,2-Dichloroethene
Concen: 5.419 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

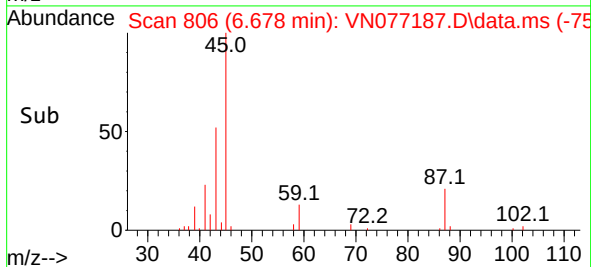
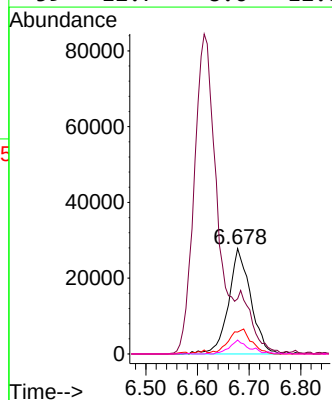
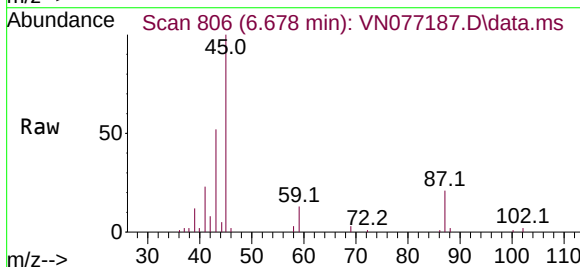
Instrument :
MSVOA_N
ClientSampleId :

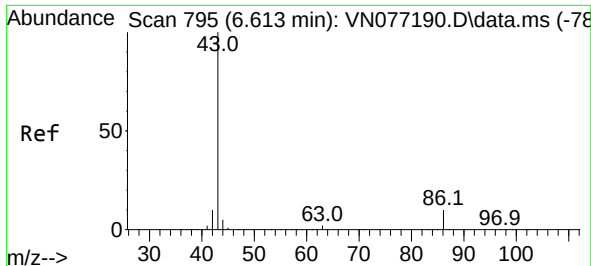
Tgt Ion: 96 Resp: 24640
Ion Ratio Lower Upper
96 100
61 129.1 116.0 174.0
98 49.2 51.7 77.5#



#22
Diisopropyl ether
Concen: 5.066 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 45 Resp: 82634
Ion Ratio Lower Upper
45 100
43 50.8 45.5 68.3
87 20.8 20.2 30.4
59 12.7 8.6 12.8

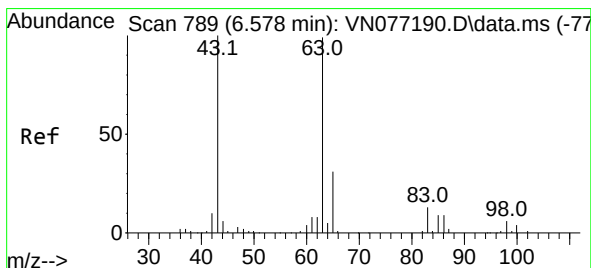
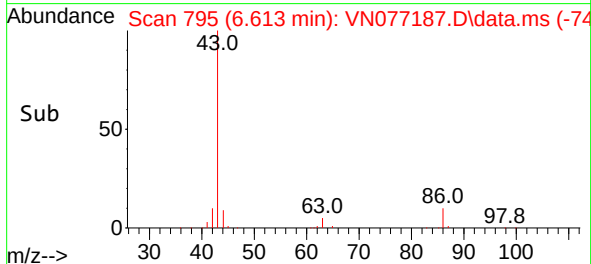
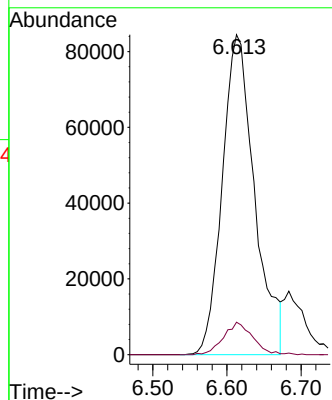
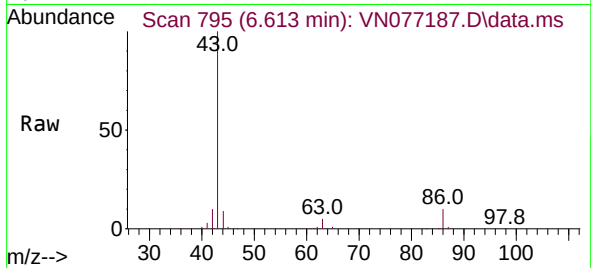




#23
 Vinyl Acetate
 Concen: 21.413 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

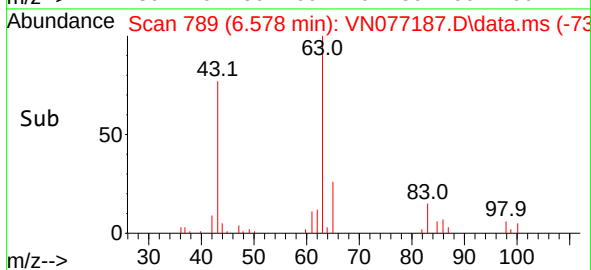
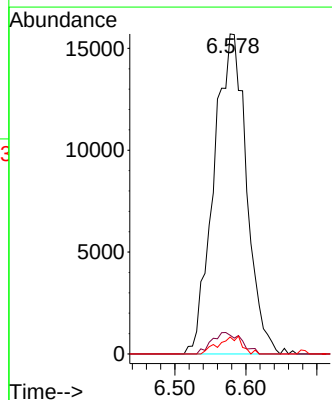
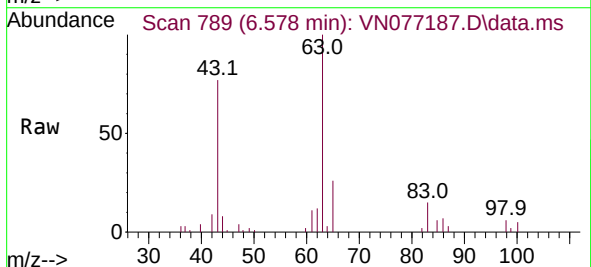
Instrument :
 MSVOA_N
 ClientSampleId :

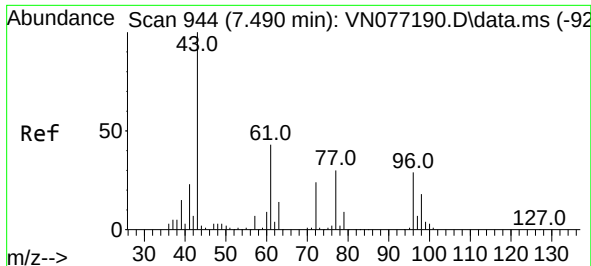
Tgt Ion: 43 Resp: 255937
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 5.306 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Tgt Ion: 63 Resp: 50142
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 5.3 2.1 6.5

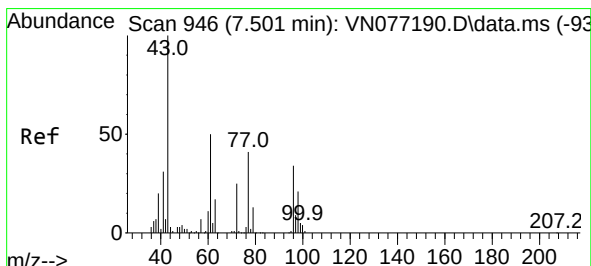
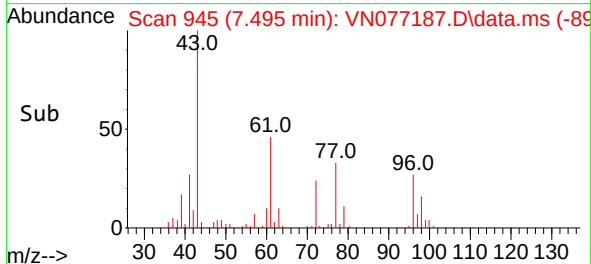
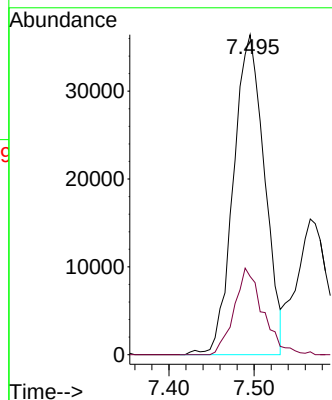
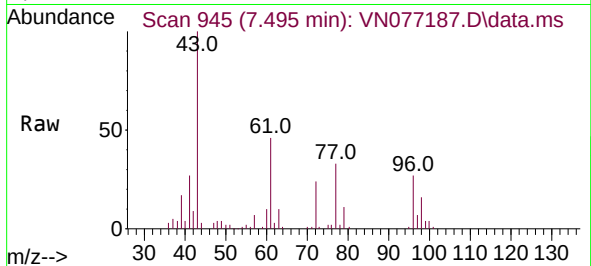




#25
2-Butanone
Concen: 25.783 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

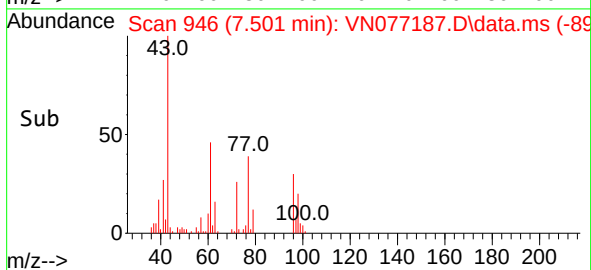
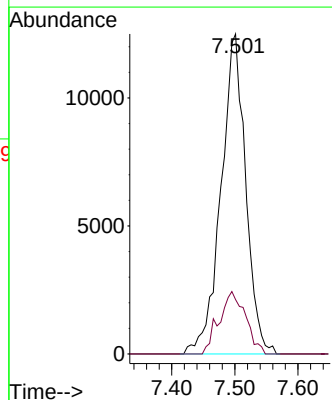
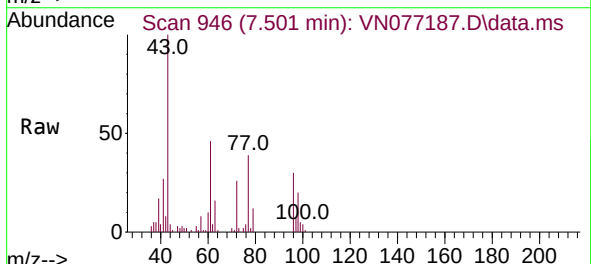
Instrument :
MSVOA_N
ClientSampleId :

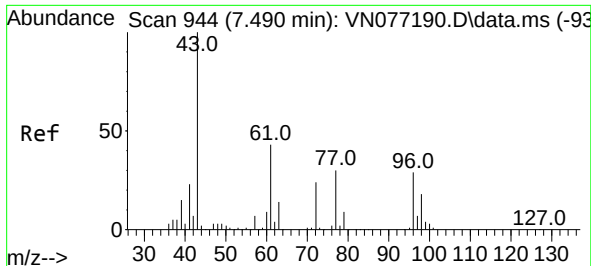
Tgt Ion: 43 Resp: 92223
Ion Ratio Lower Upper
43 100
72 24.5 19.0 28.4



#26
2,2-Dichloropropane
Concen: 5.295 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 77 Resp: 33956
Ion Ratio Lower Upper
77 100
97 20.9 11.1 33.1

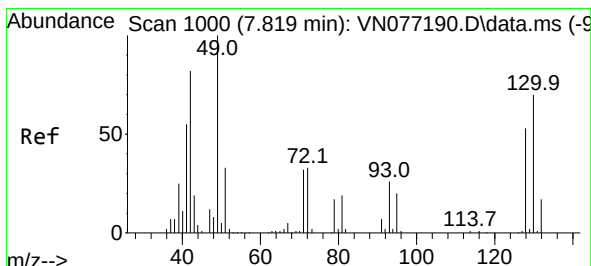
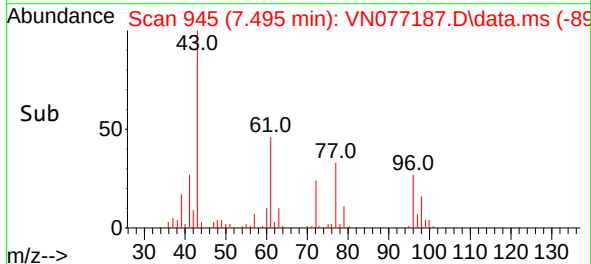
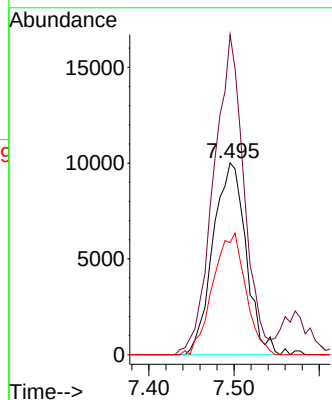
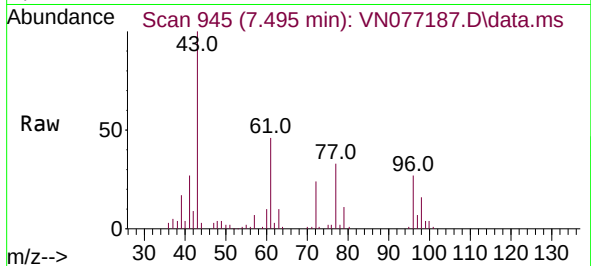




#27
 cis-1,2-Dichloroethene
 Concen: 5.080 ug/l
 RT: 7.495 min Scan# 944
 Delta R.T. 0.006 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

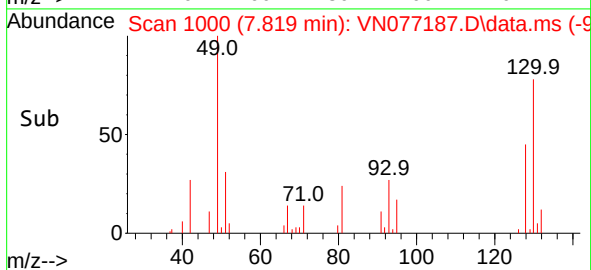
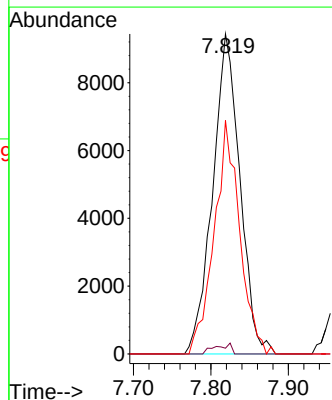
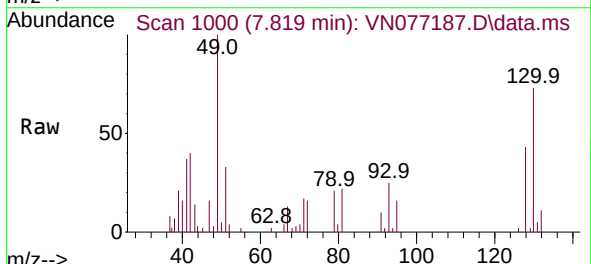
Instrument :
 MSVOA_N
 ClientSampleId :

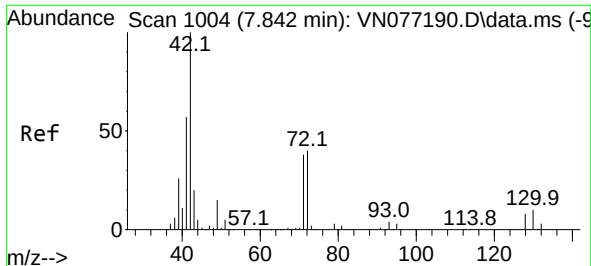
Tgt Ion: 96 Resp: 26836
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 303.6
 98 63.3 0.0 126.0



#28
 Bromochloromethane
 Concen: 4.857 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Tgt Ion: 49 Resp: 23121
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.1 52.5 78.7





#29

Tetrahydrofuran

Concen: 25.695 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077187.D

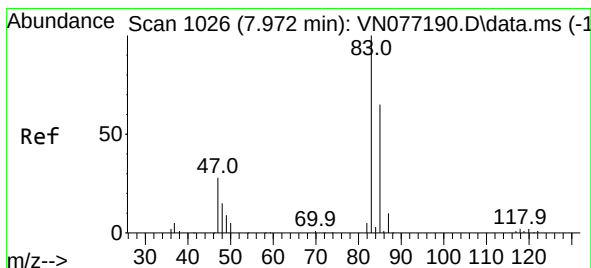
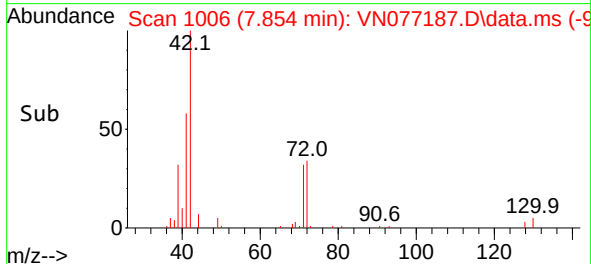
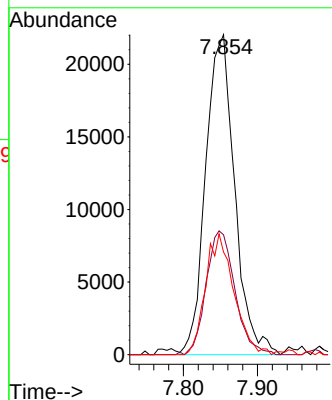
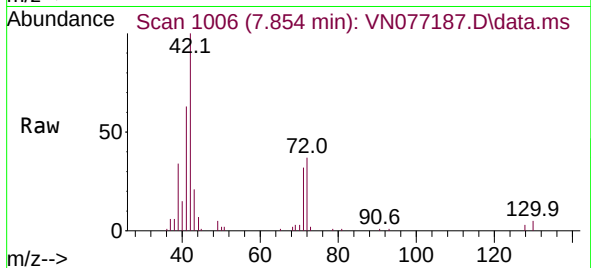
Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 59936
Ion Ratio	Lower Upper
42	100
72	38.4 32.1 48.1
71	36.7 30.2 45.4



#30

Chloroform

Concen: 5.251 ug/l

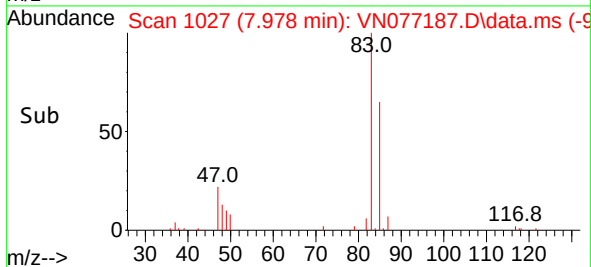
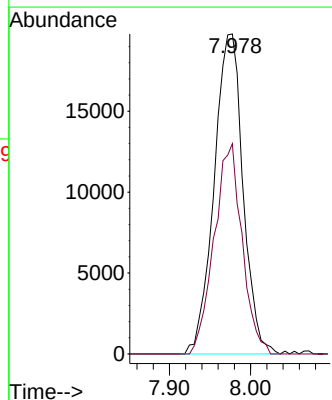
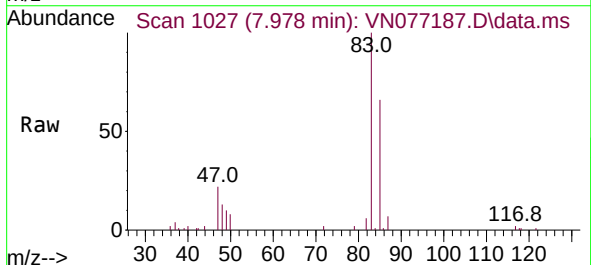
RT: 7.978 min Scan# 1027

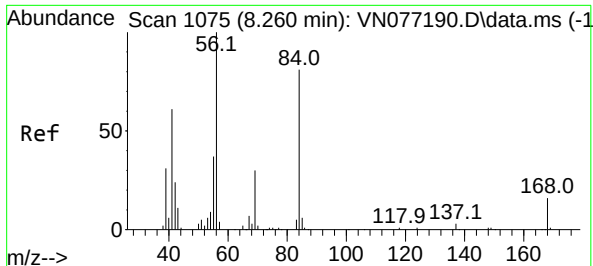
Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion: 83	Resp: 48974
Ion Ratio	Lower Upper
83	100
85	65.7 52.2 78.4





#31

Cyclohexane

Concen: 5.990 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

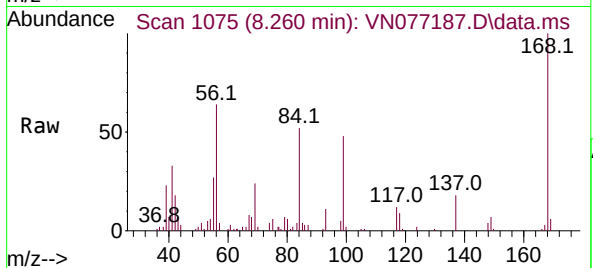
Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

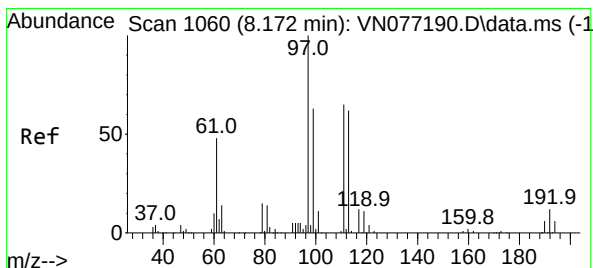
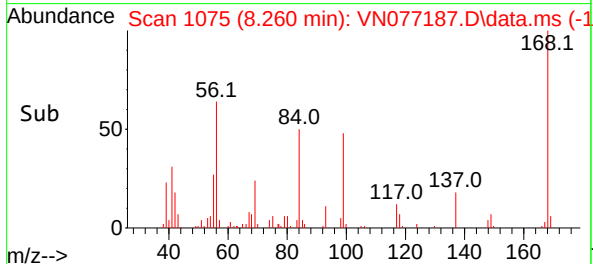
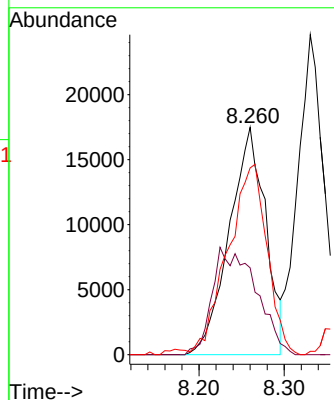
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 51804
Ion Ratio	Lower Upper
56	100
69	38.2 23.7 35.5#
84	80.1 64.8 97.2



#32

1,1,1-Trichloroethane

Concen: 5.012 ug/l

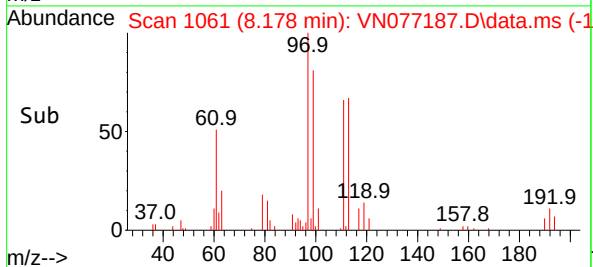
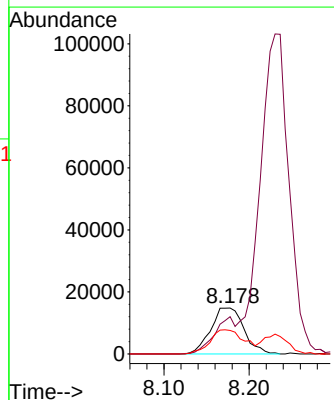
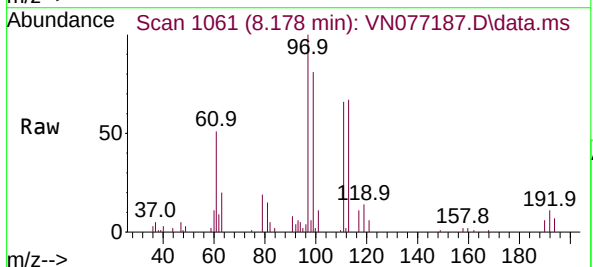
RT: 8.178 min Scan# 1061

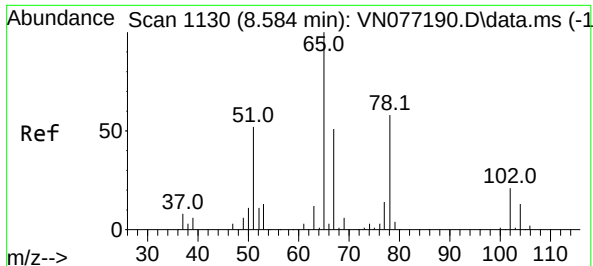
Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion: 97	Resp: 40081
Ion Ratio	Lower Upper
97	100
99	51.0 51.4 77.2#
61	53.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 5.280 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

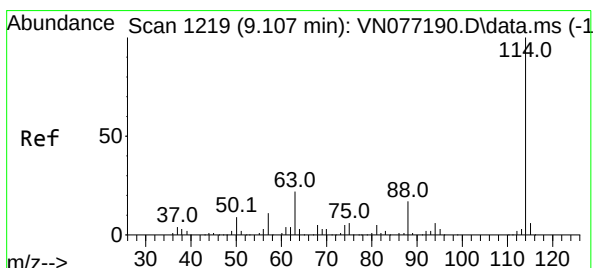
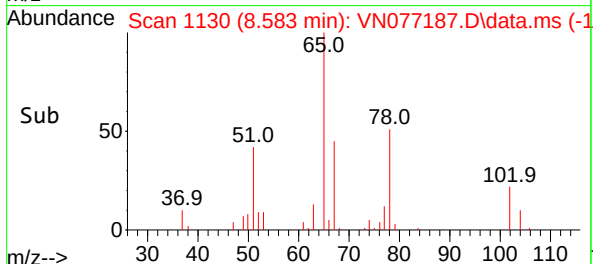
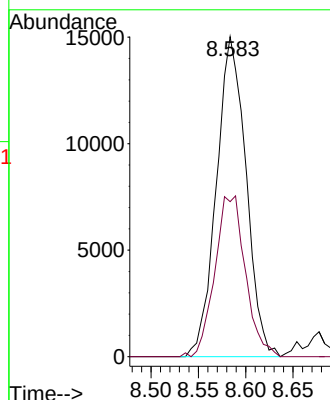
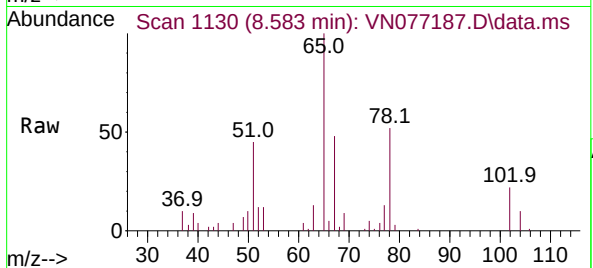
ClientSampleId :

Tgt Ion: 65 Resp: 32680

Ion Ratio Lower Upper

65 100

67 51.8 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: VN077187.D

Acq: 24 Mar 2023 20:54

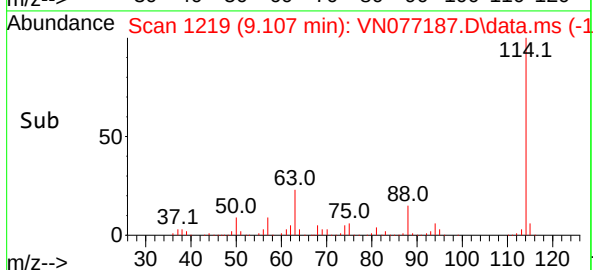
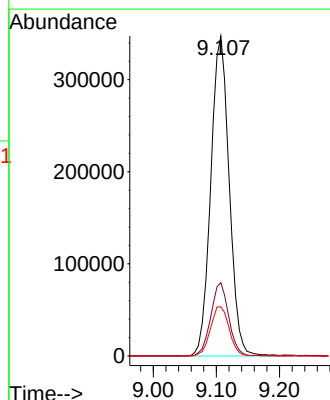
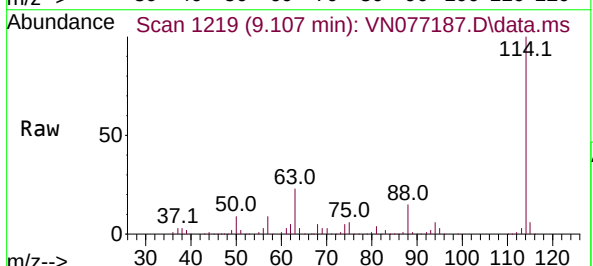
Tgt Ion: 114 Resp: 703448

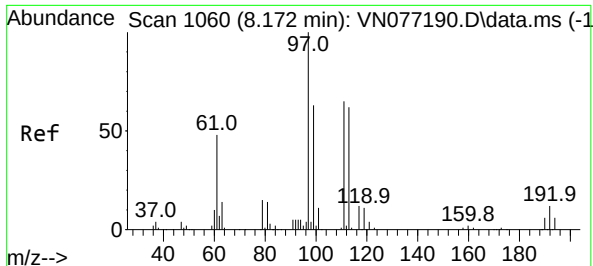
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.0

88 15.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 5.245 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

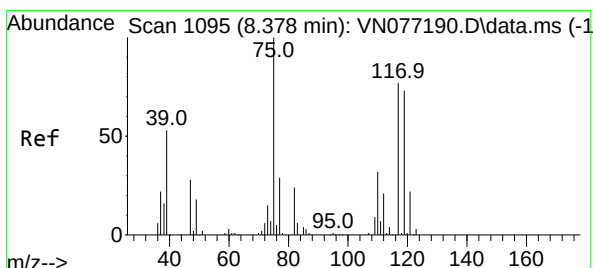
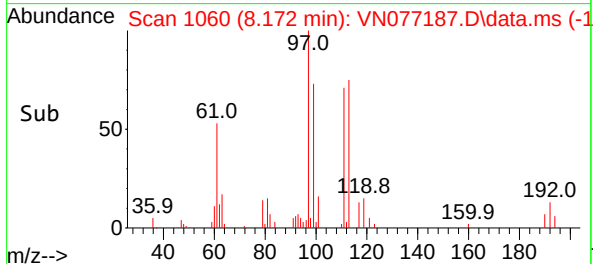
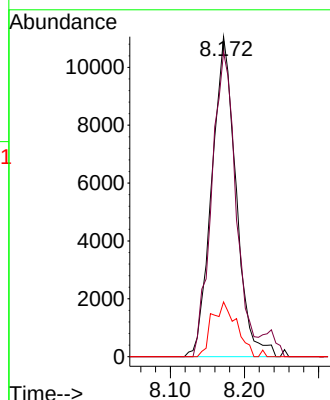
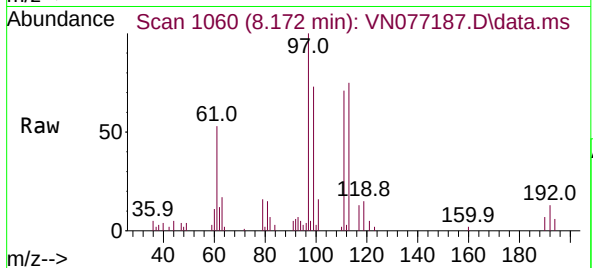
Tgt Ion:113 Resp: 25134

Ion Ratio Lower Upper

113 100

111 95.6 82.6 123.8

192 17.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.046 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

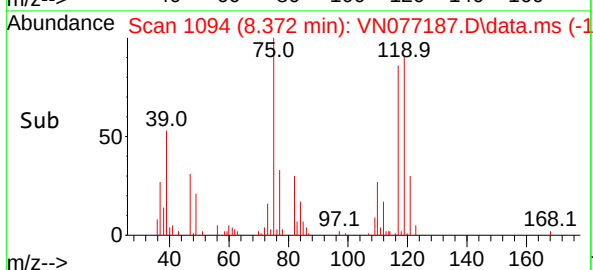
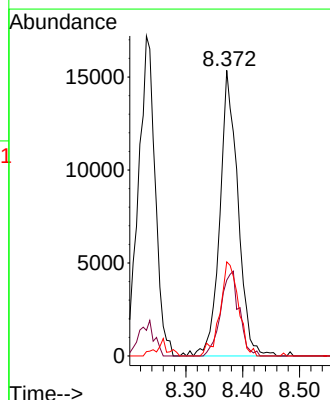
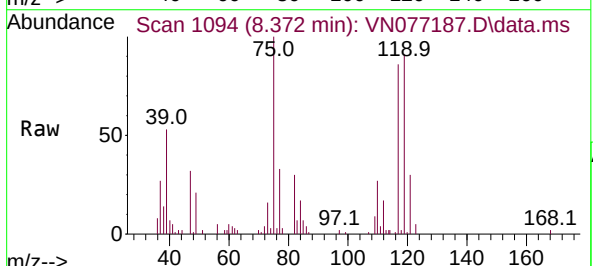
Tgt Ion: 75 Resp: 33945

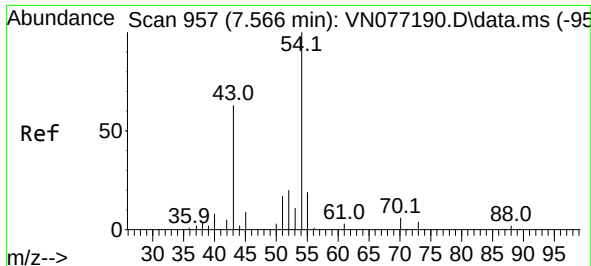
Ion Ratio Lower Upper

75 100

110 30.2 16.3 48.9

77 33.3 24.7 37.1

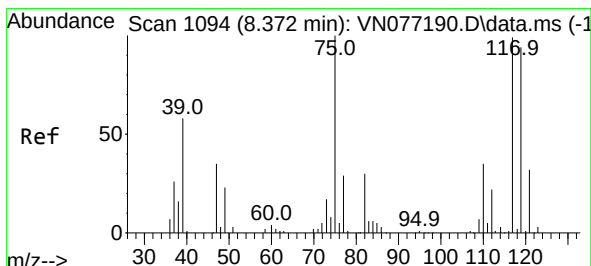
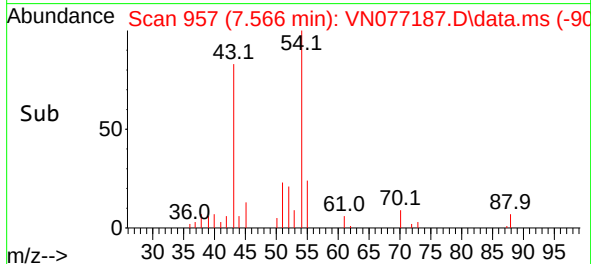
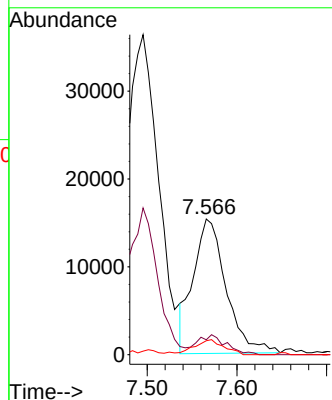
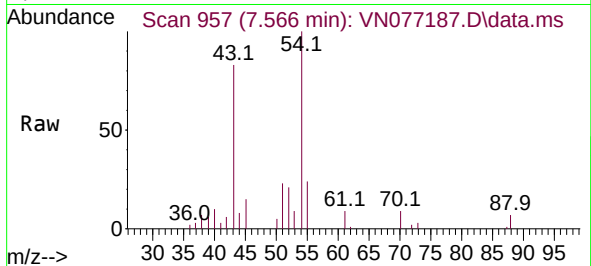




#37
Ethyl Acetate
Concen: 5.242 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

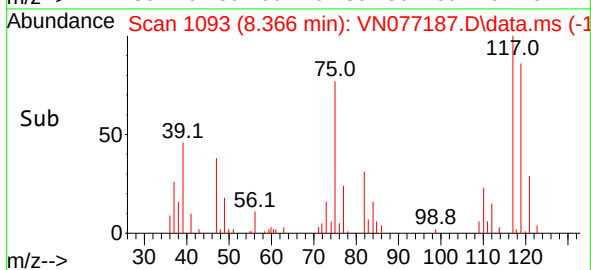
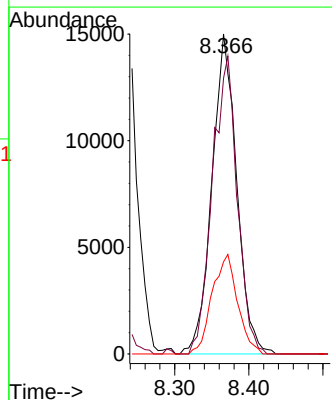
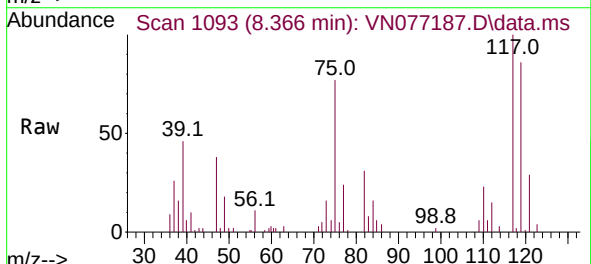
Instrument :
MSVOA_N
ClientSampleId :

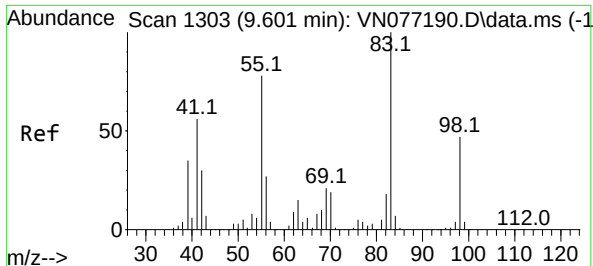
Tgt Ion:	43	Resp:	39086
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	10.3	7.6	11.4



#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:	117	Resp:	34849
Ion	Ratio	Lower	Upper
117	100		
119	86.2	76.6	114.8
121	28.8	25.7	38.5





#39

Methylcyclohexane

Concen: 4.820 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

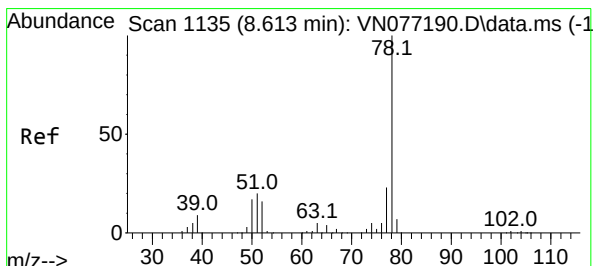
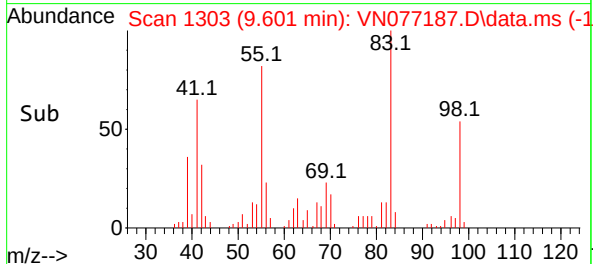
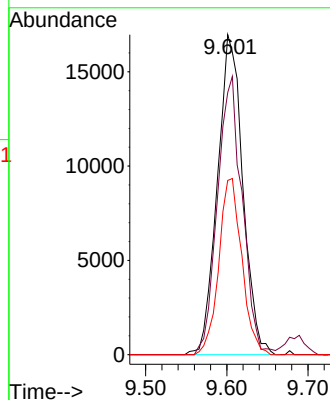
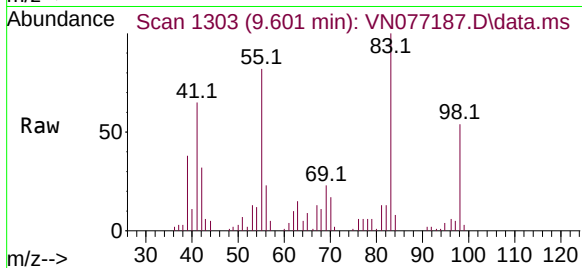
Tgt Ion: 83 Resp: 36842

Ion Ratio Lower Upper

83 100

55 81.9 62.5 93.7

98 54.5 37.3 55.9



#40

Benzene

Concen: 5.088 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077187.D

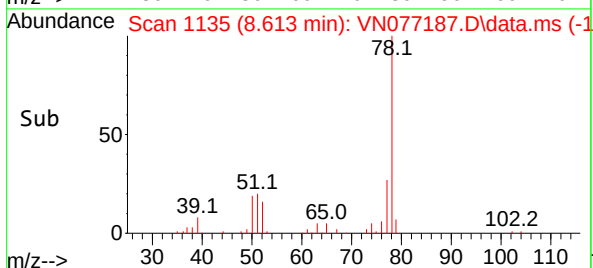
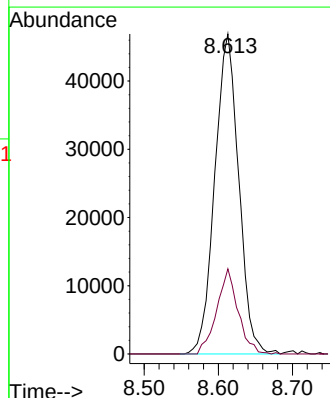
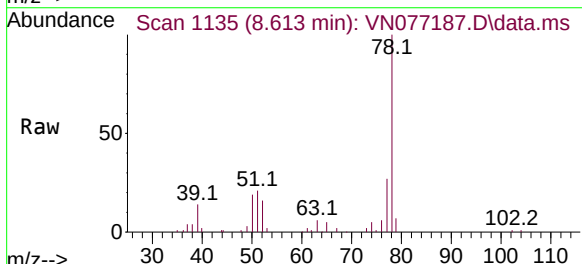
Acq: 24 Mar 2023 20:54

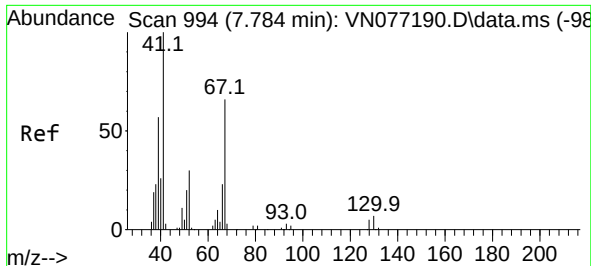
Tgt Ion: 78 Resp: 105076

Ion Ratio Lower Upper

78 100

77 26.6 18.6 28.0

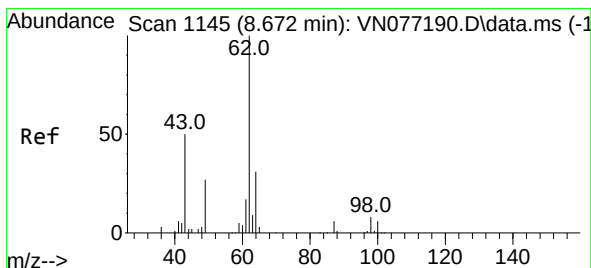
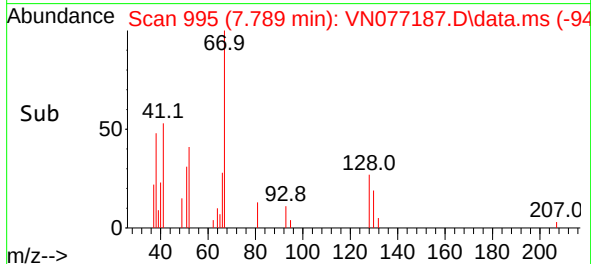
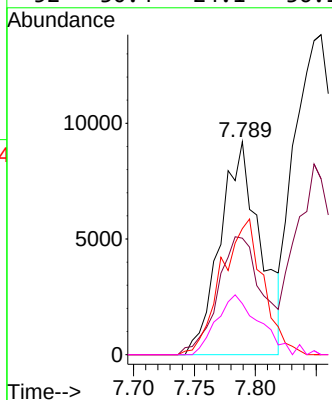
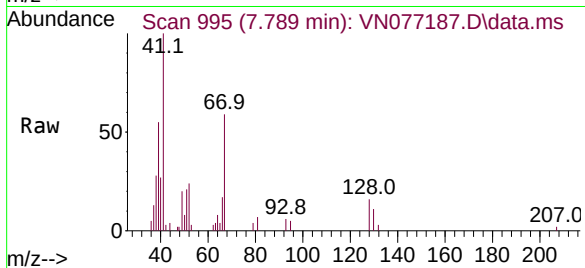




#41
Methacrylonitrile
Concen: 5.172 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

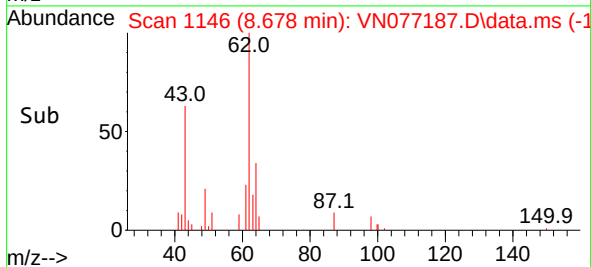
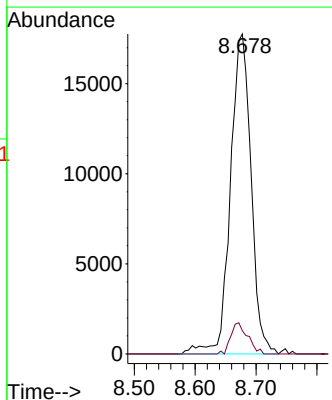
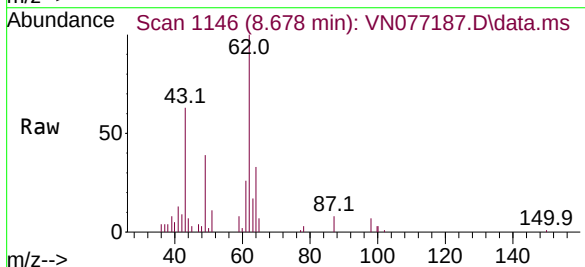
Instrument :
MSVOA_N
ClientSampleId :

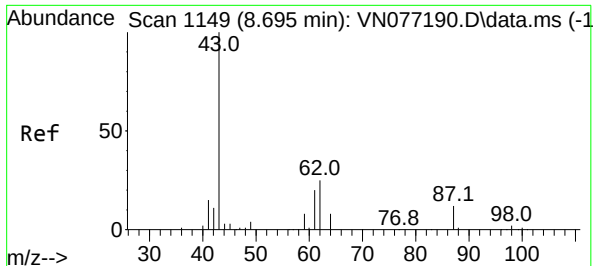
Tgt Ion: 41 Resp: 21177
Ion Ratio Lower Upper
41 100
39 61.0 45.4 68.2
67 65.7 54.0 81.0
52 30.4 24.1 36.1



#42
1,2-Dichloroethane
Concen: 5.357 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 62 Resp: 41887
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4

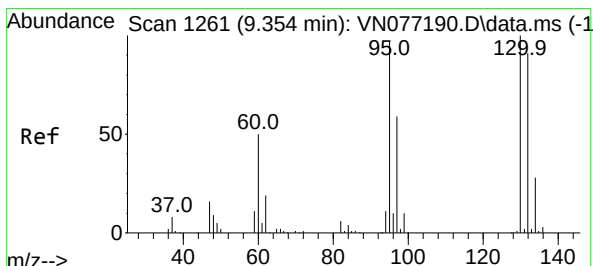
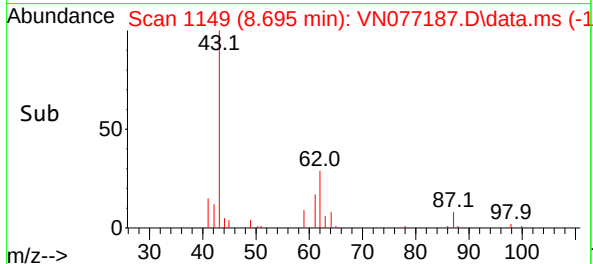
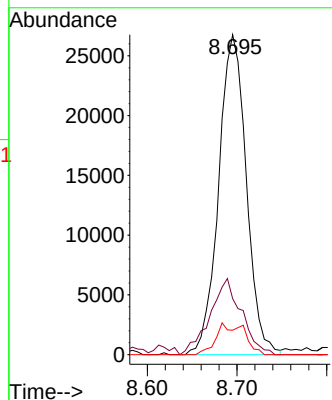
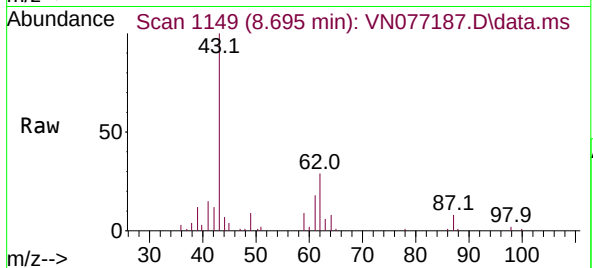




#43
Isopropyl Acetate
Concen: 4.811 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

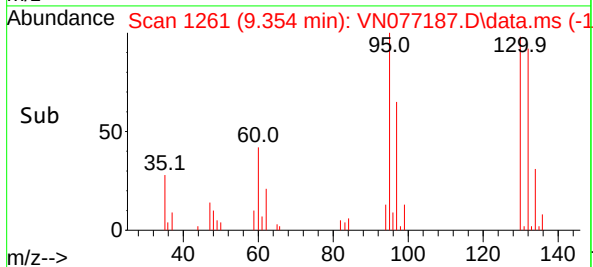
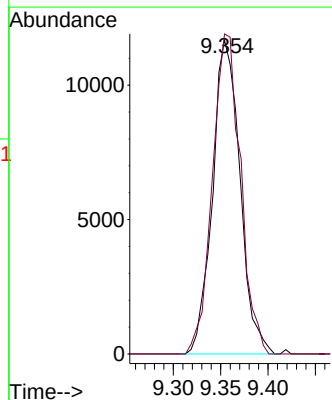
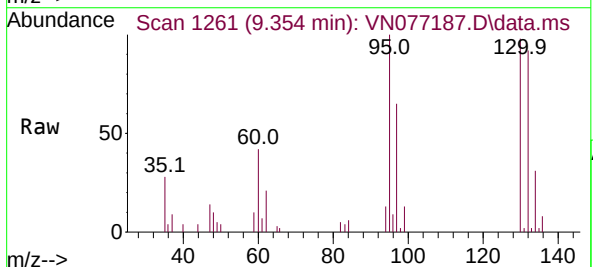
Instrument :
MSVOA_N
ClientSampleId :

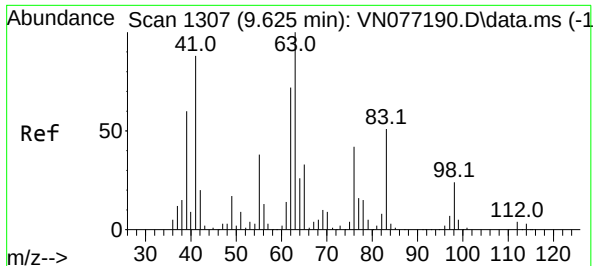
Tgt Ion: 43 Resp: 57364
Ion Ratio Lower Upper
43 100
61 27.1 19.4 29.2
87 5.9 9.8 14.8#



#44
Trichloroethene
Concen: 4.881 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:130 Resp: 23543
Ion Ratio Lower Upper
130 100
95 102.0 0.0 193.4





#45

1,2-Dichloropropane

Concen: 5.215 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

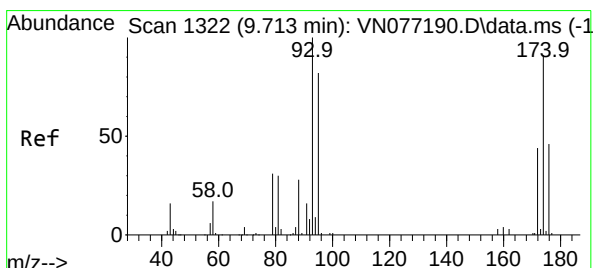
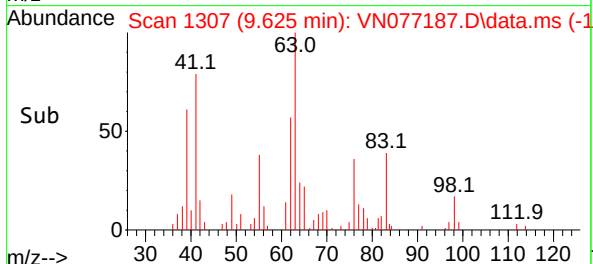
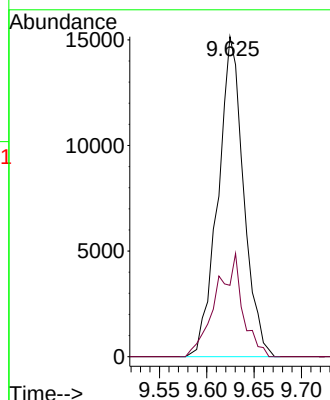
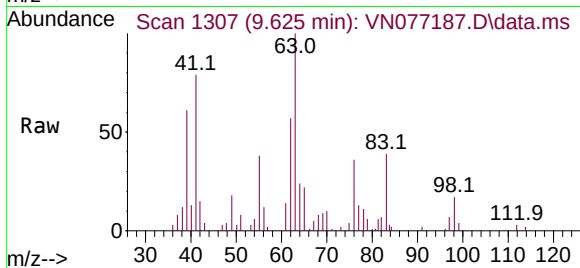
ClientSampleId :

Tgt Ion: 63 Resp: 28561

Ion Ratio Lower Upper

63 100

65 22.3 26.2 39.4#



#46

Dibromomethane

Concen: 5.386 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

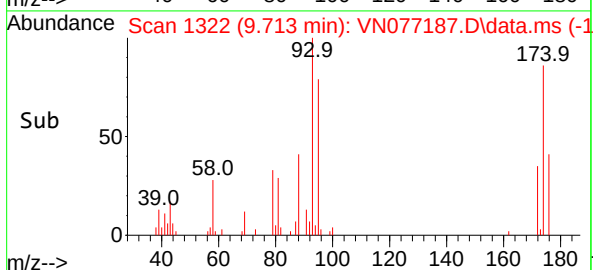
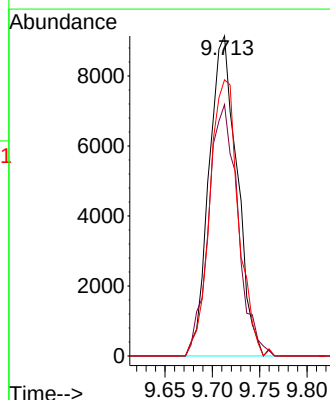
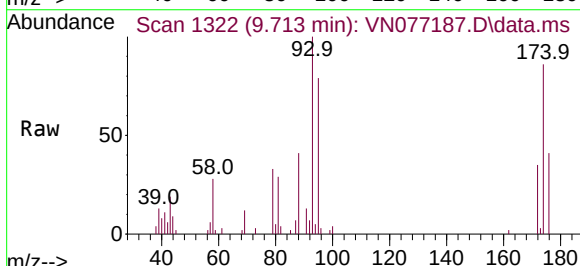
Tgt Ion: 93 Resp: 18839

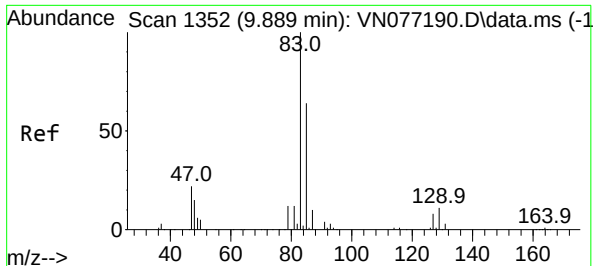
Ion Ratio Lower Upper

93 100

95 81.7 65.7 98.5

174 87.7 73.2 109.8





#47

Bromodichloromethane

Concen: 4.912 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077187.D

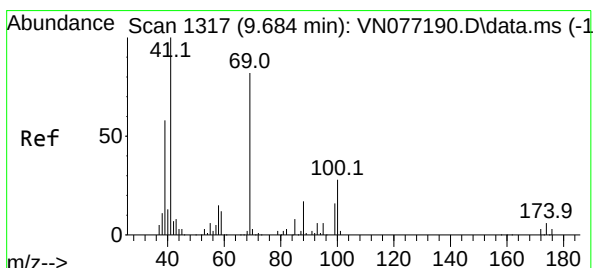
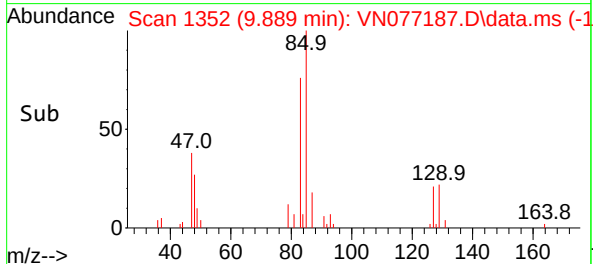
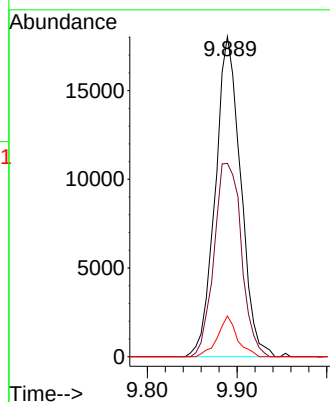
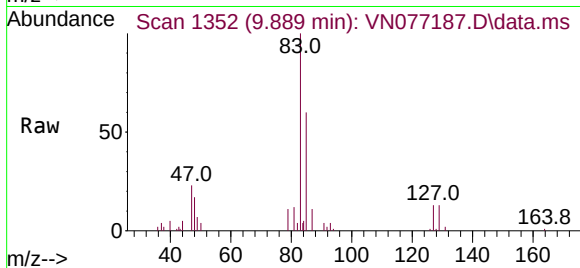
Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	35436
Ion Ratio	Lower	Upper	
83	100		
85	60.4	51.4	77.0
127	12.7	6.5	9.7#



#48

Methyl methacrylate

Concen: 4.710 ug/l

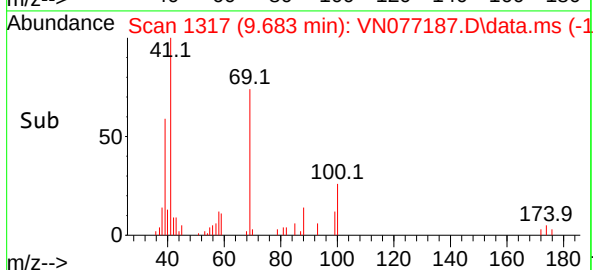
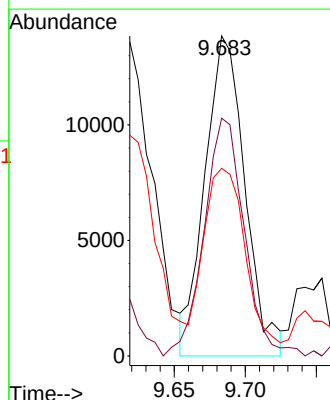
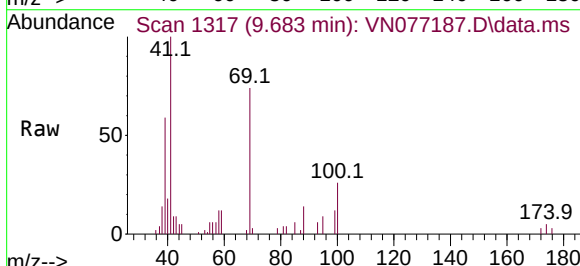
RT: 9.683 min Scan# 1317

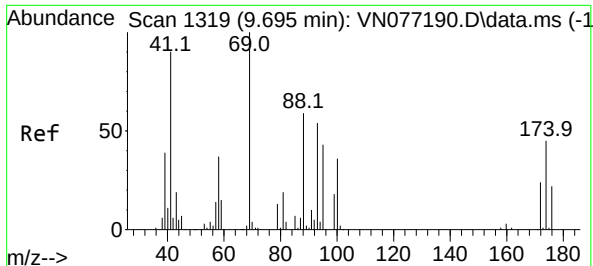
Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion:	41	Resp:	27152
Ion Ratio	Lower	Upper	
41	100		
69	74.3	60.9	91.3
39	62.2	49.3	73.9





#49

1,4-Dioxane

Concen: 111.521 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

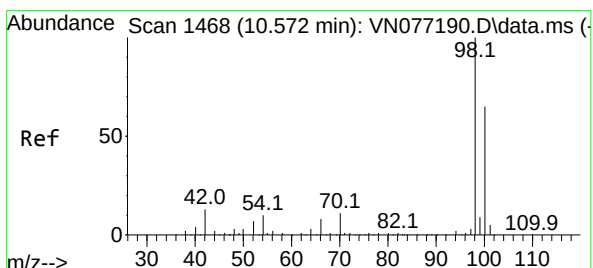
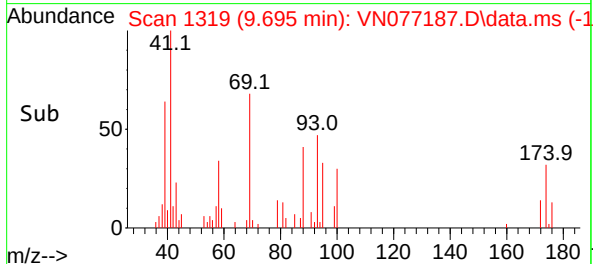
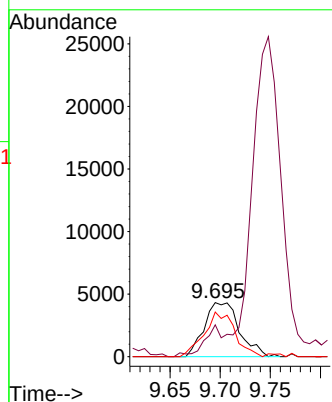
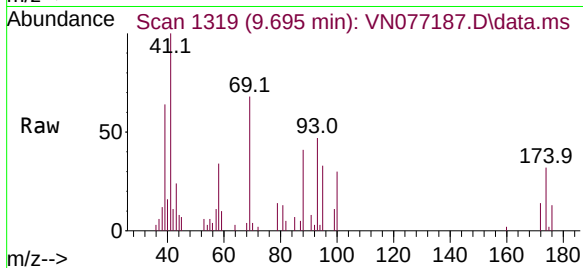
Tgt Ion: 88 Resp: 10540

Ion Ratio Lower Upper

88 100

43 39.5 24.2 36.4#

58 71.9 56.2 84.2



#50

Toluene-d8

Concen: 4.982 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077187.D

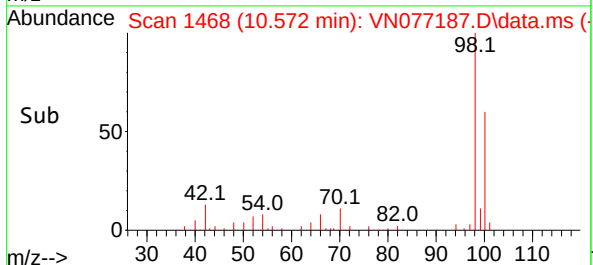
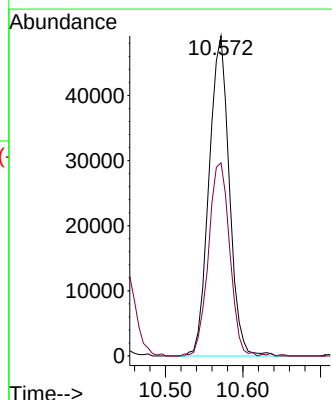
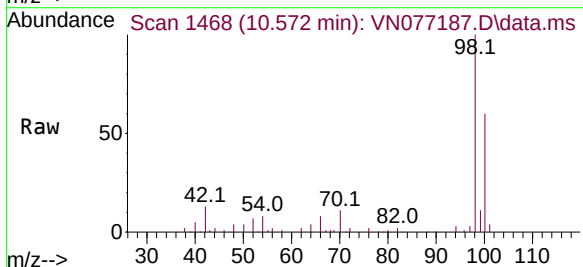
Acq: 24 Mar 2023 20:54

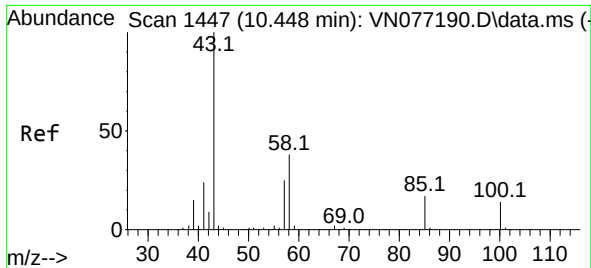
Tgt Ion: 98 Resp: 89335

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5

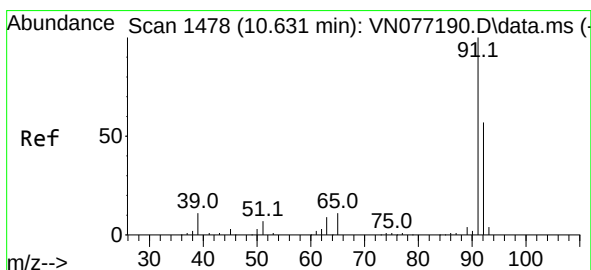
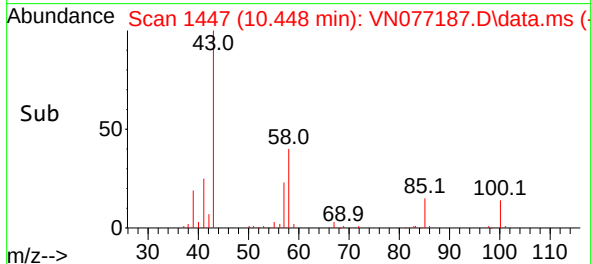
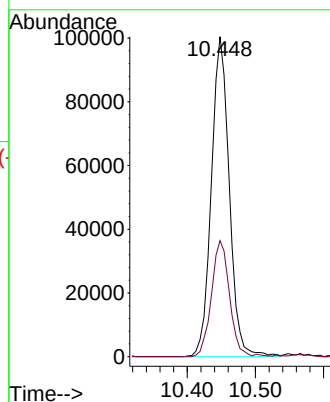
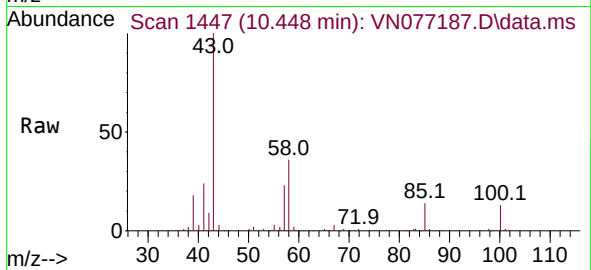




#51
4-Methyl-2-Pentanone
Concen: 25.187 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

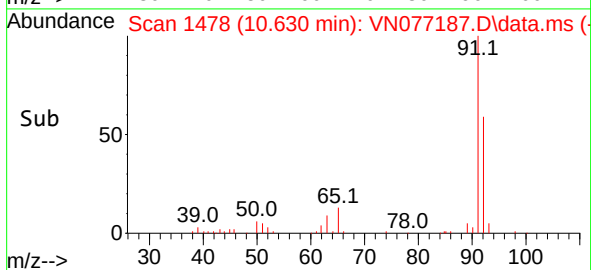
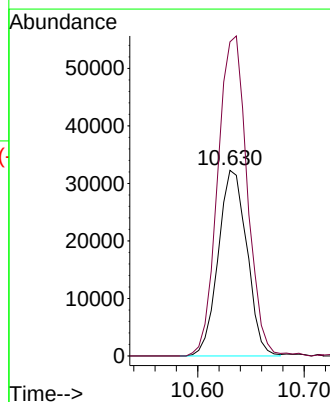
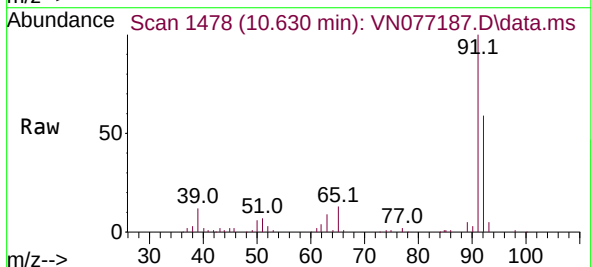
Instrument :
MSVOA_N
ClientSampleId :

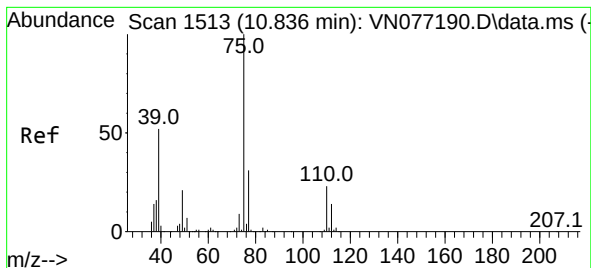
Tgt Ion: 43 Resp: 183895
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3



#52
Toluene
Concen: 4.881 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 92 Resp: 60397
Ion Ratio Lower Upper
92 100
91 177.2 137.6 206.4

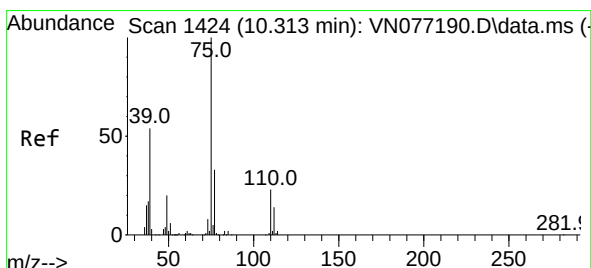
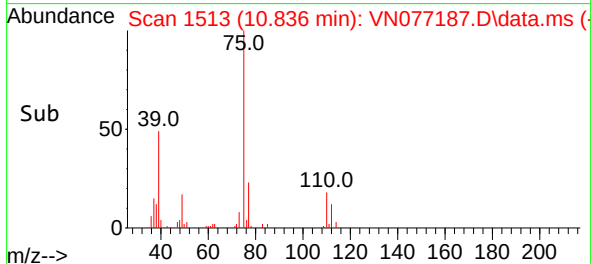
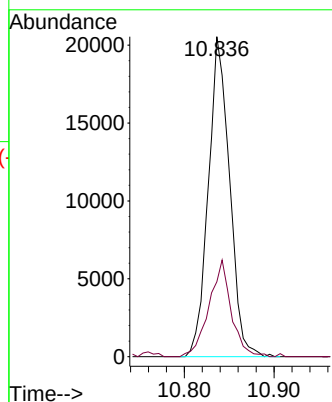
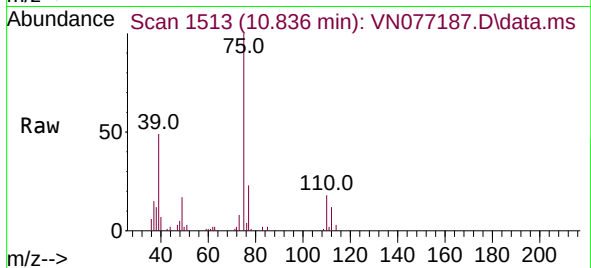




#53
t-1,3-Dichloropropene
Concen: 4.730 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

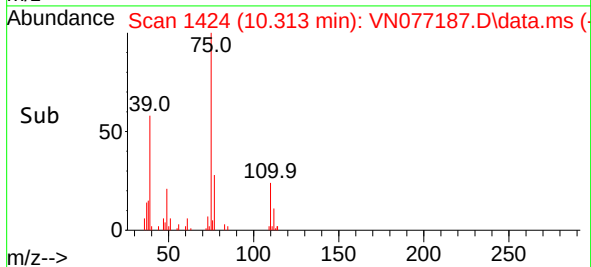
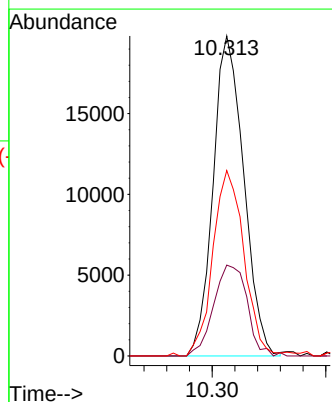
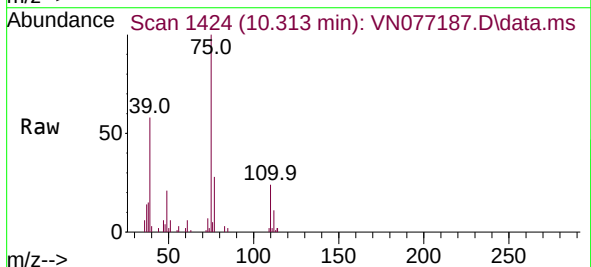
Instrument :
MSVOA_N
ClientSampleId :

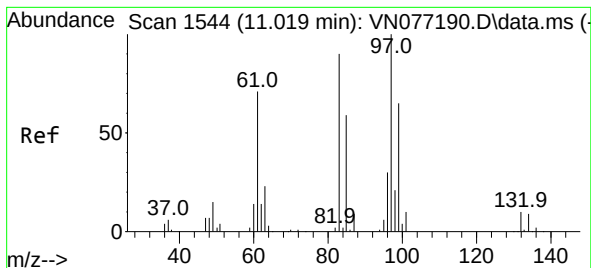
Tgt Ion: 75 Resp: 33754
Ion Ratio Lower Upper
75 100
77 23.4 25.2 37.8#



#54
cis-1,3-Dichloropropene
Concen: 4.745 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 75 Resp: 37123
Ion Ratio Lower Upper
75 100
77 28.4 26.6 40.0
39 58.0 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 5.246 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 25094

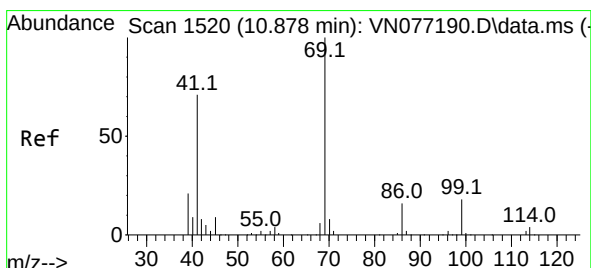
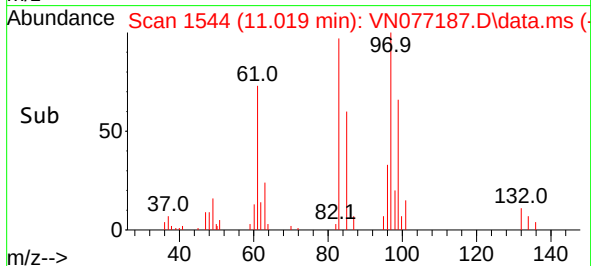
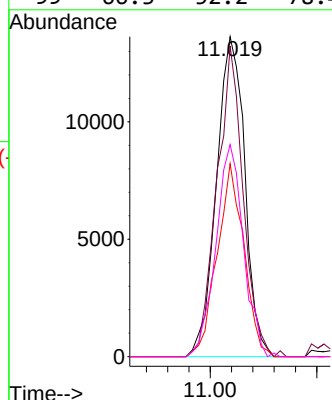
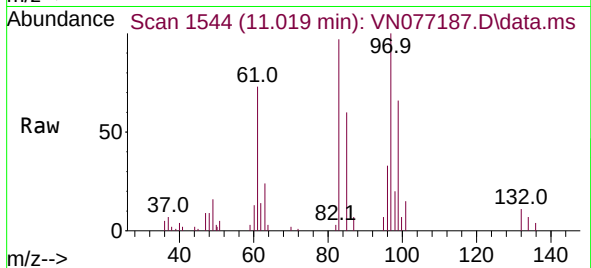
Ion Ratio Lower Upper

97 100

83 97.1 72.4 108.6

85 60.3 46.9 70.3

99 66.3 52.2 78.4



#56

Ethyl methacrylate

Concen: 5.791 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

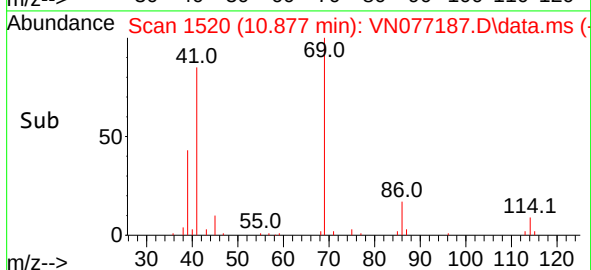
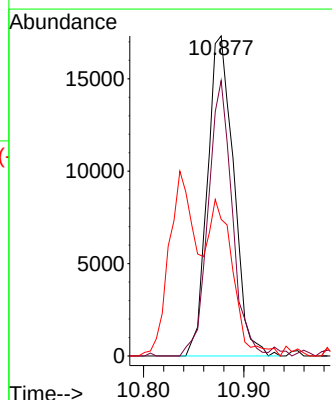
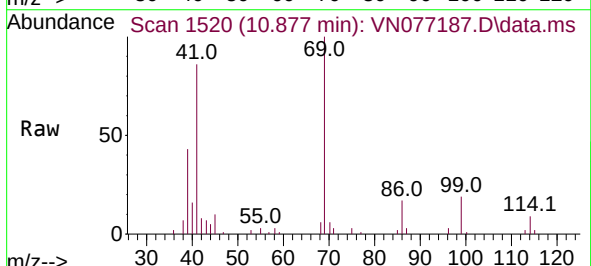
Tgt Ion: 69 Resp: 31394

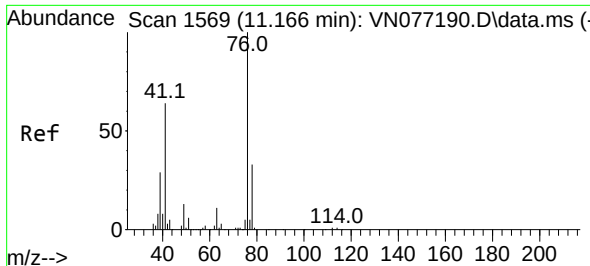
Ion Ratio Lower Upper

69 100

41 79.2 59.8 89.8

39 44.8 32.5 48.7





#57

1,3-Dichloropropane

Concen: 5.166 ug/l

RT: 11.160 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

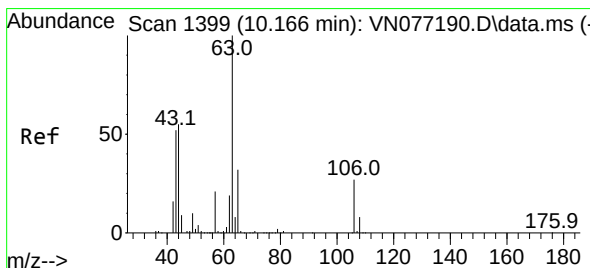
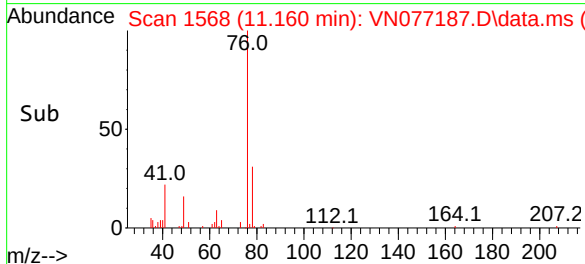
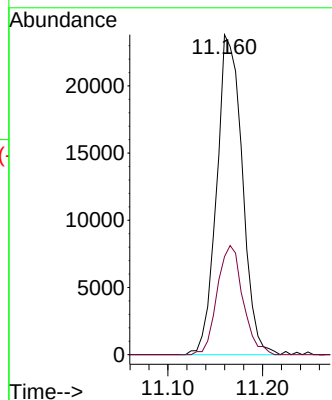
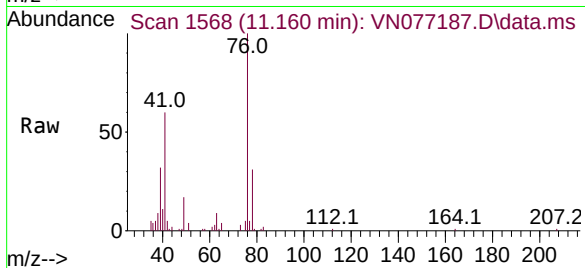
ClientSampleId :

Tgt Ion: 76 Resp: 44731

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 30.277 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077187.D

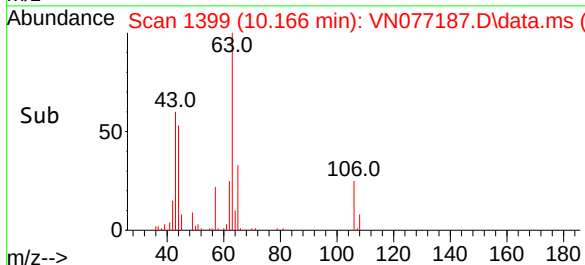
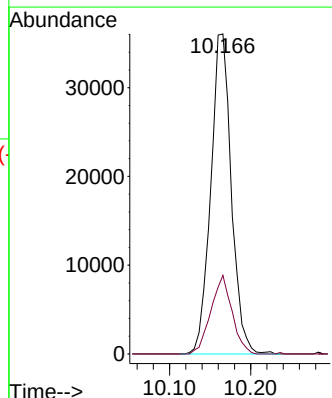
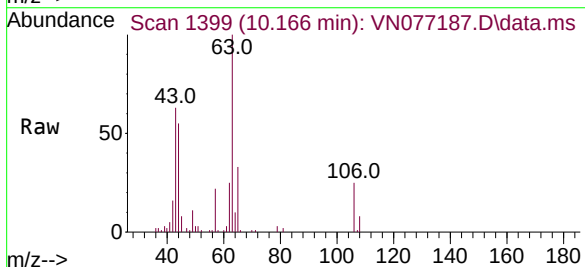
Acq: 24 Mar 2023 20:54

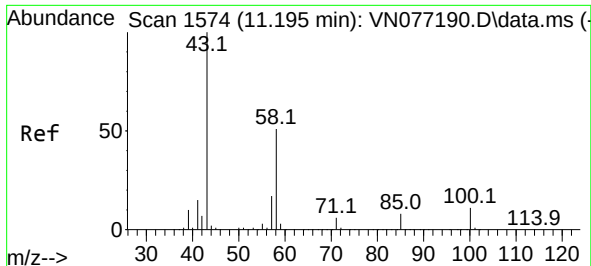
Tgt Ion: 63 Resp: 63537

Ion Ratio Lower Upper

63 100

106 25.3 20.9 31.3

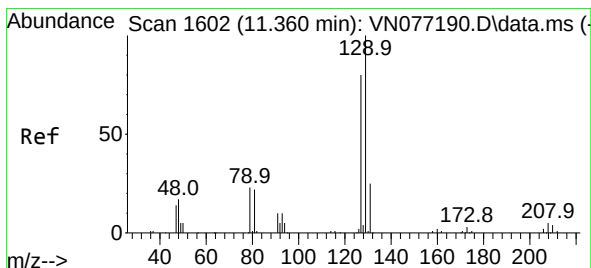
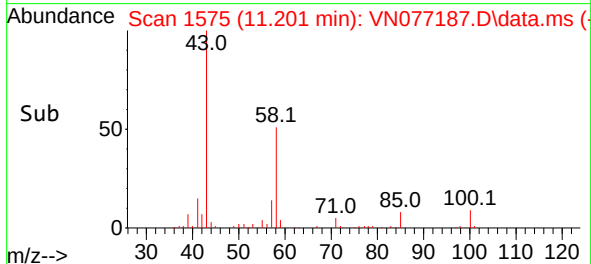
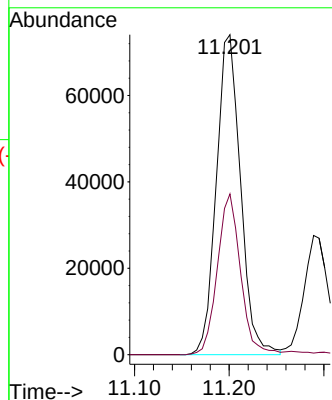
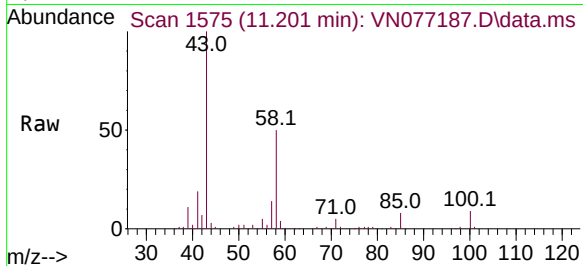




#59
2-Hexanone
Concen: 25.471 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

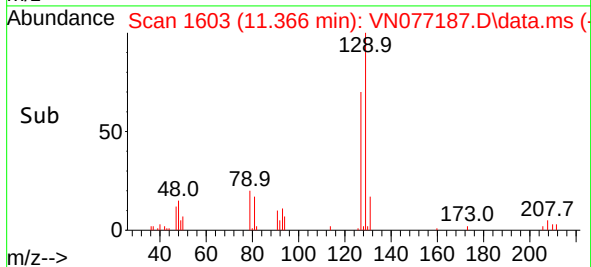
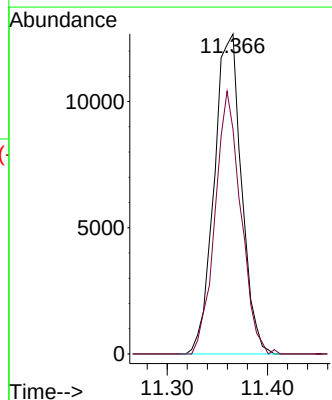
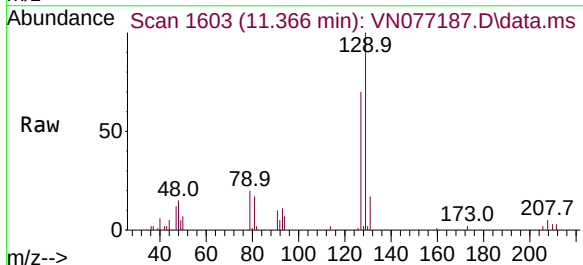
Instrument :
MSVOA_N
ClientSampleId :

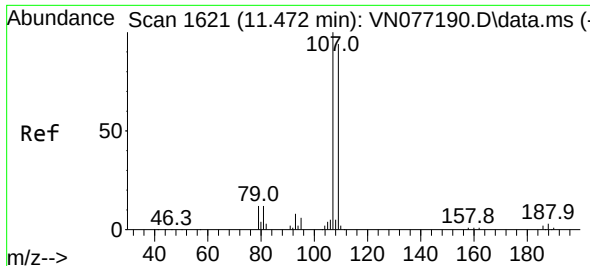
Tgt Ion: 43 Resp: 131795
Ion Ratio Lower Upper
43 100
58 48.2 25.8 77.4



#60
Dibromochloromethane
Concen: 4.796 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:129 Resp: 23982
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

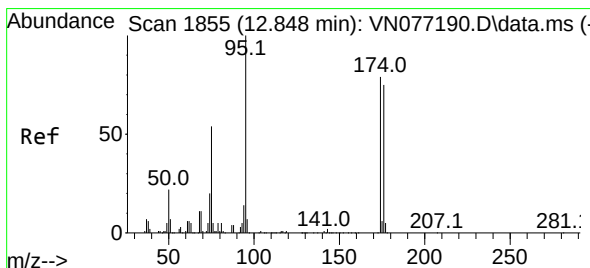
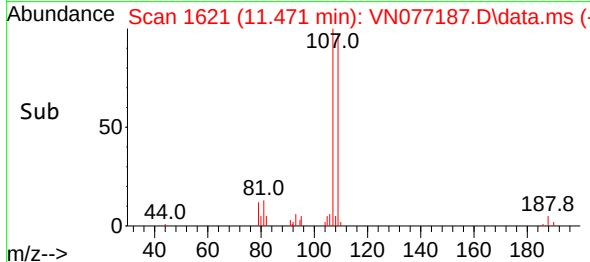
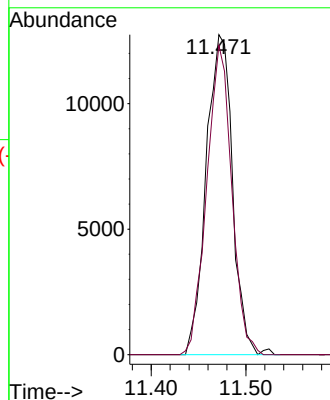
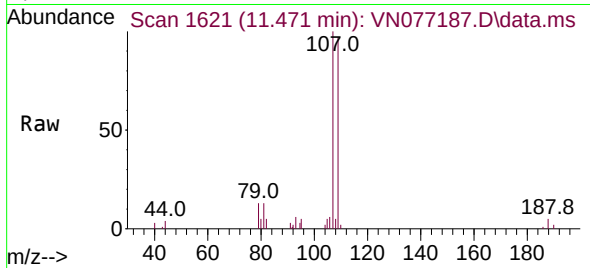




#61
1,2-Dibromoethane
Concen: 5.063 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

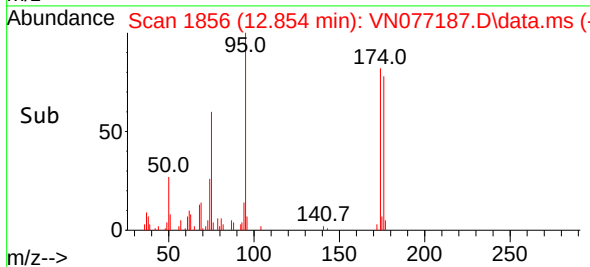
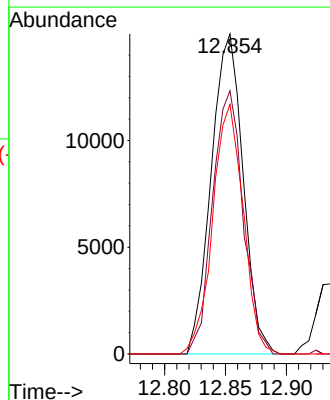
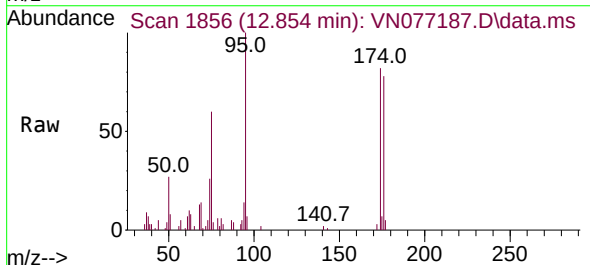
Instrument :
MSVOA_N
ClientSampleId :

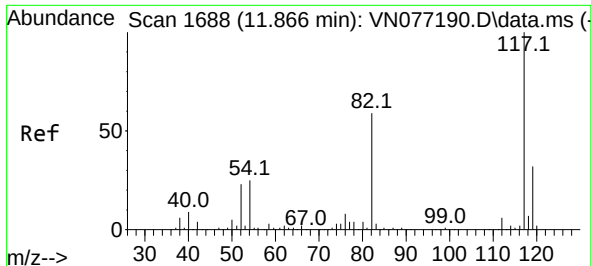
Tgt Ion:107 Resp: 24564
Ion Ratio Lower Upper
107 100
109 92.0 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 4.594 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 95 Resp: 27285
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.0
176 74.7 0.0 150.8

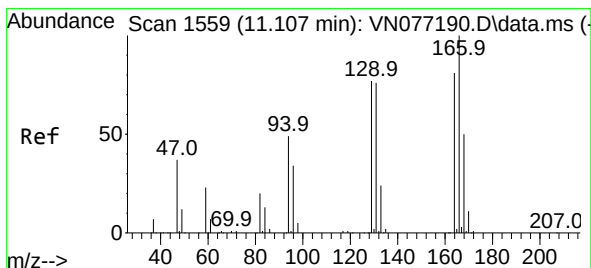
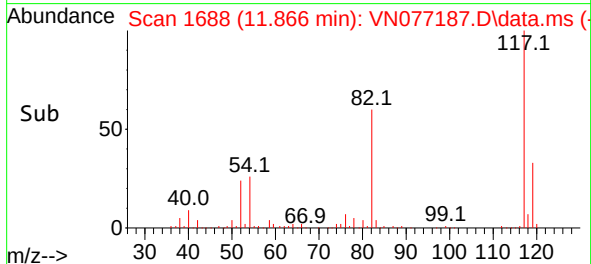
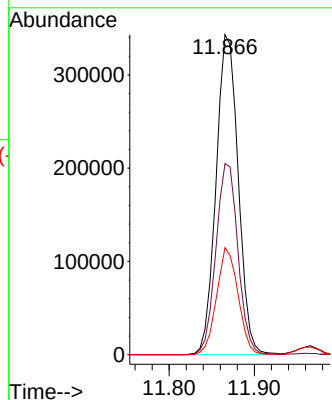
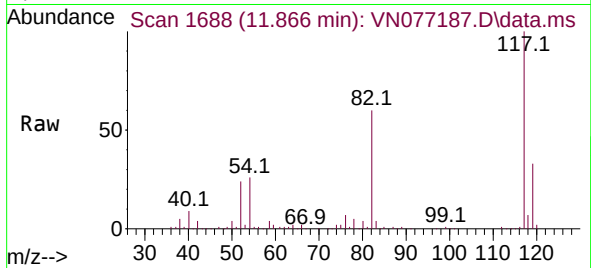




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

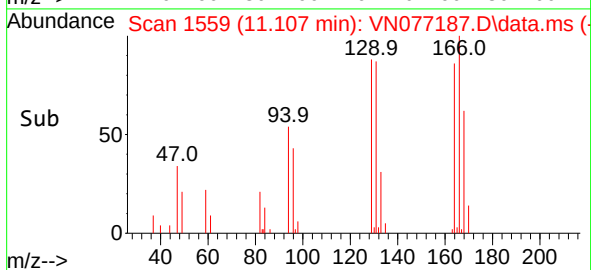
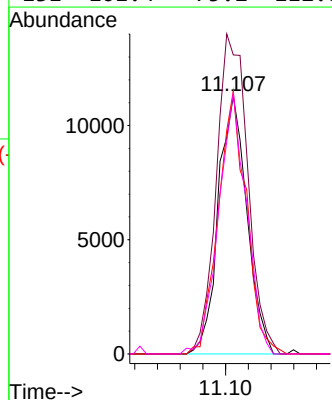
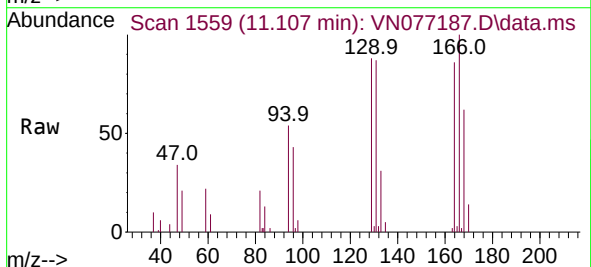
Instrument :
MSVOA_N
ClientSampleId :

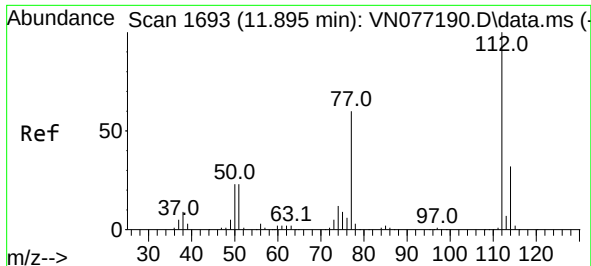
Tgt Ion:117 Resp: 620803
Ion Ratio Lower Upper
117 100
82 59.7 47.0 70.6
119 33.5 25.7 38.5



#64
Tetrachloroethene
Concen: 5.072 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:164 Resp: 19766
Ion Ratio Lower Upper
164 100
166 116.0 99.4 149.0
129 102.1 76.6 114.8
131 101.4 75.2 112.8

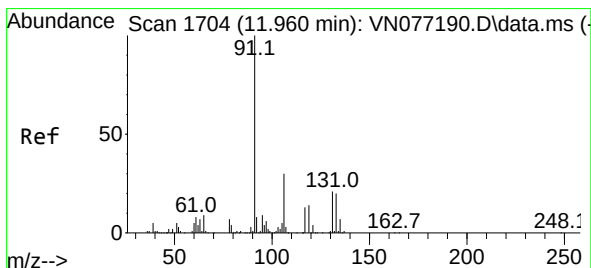
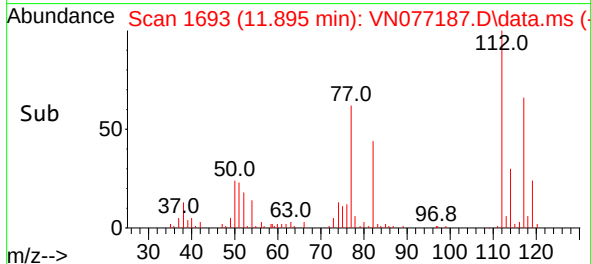
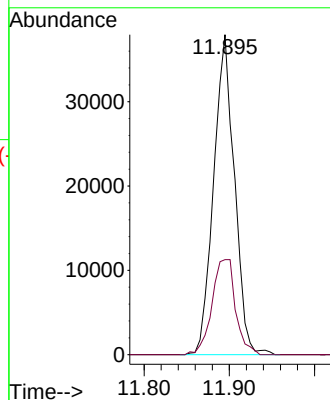
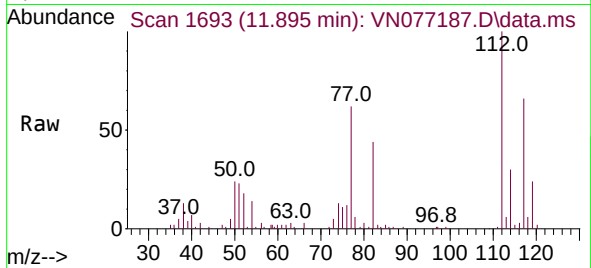




#65
Chlorobenzene
Concen: 4.996 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

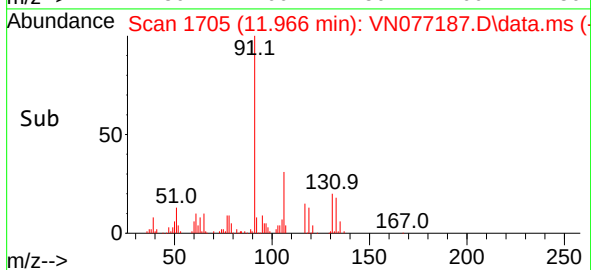
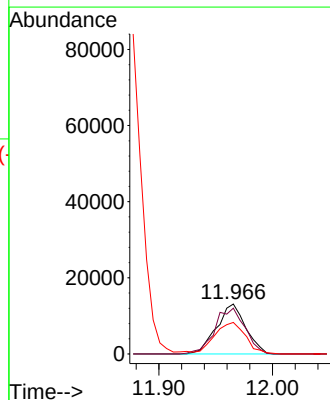
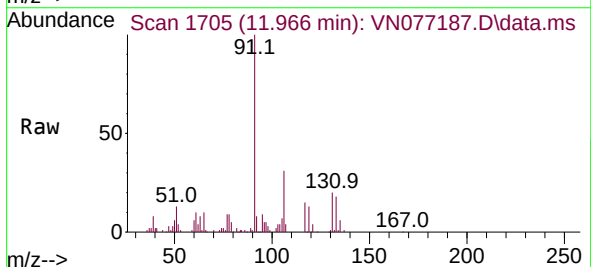
Instrument :
MSVOA_N
ClientSampleId :

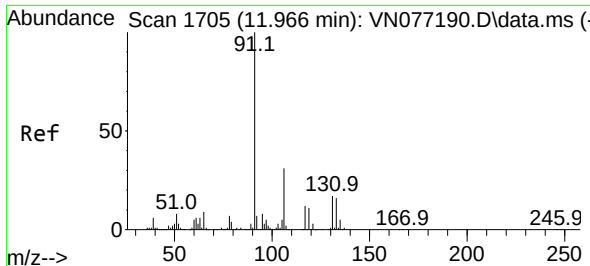
Tgt Ion:112 Resp: 64350
Ion Ratio Lower Upper
112 100
114 29.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.032 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:131 Resp: 23323
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 67.0 33.5 100.5





#67

Ethyl Benzene

Concen: 5.002 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

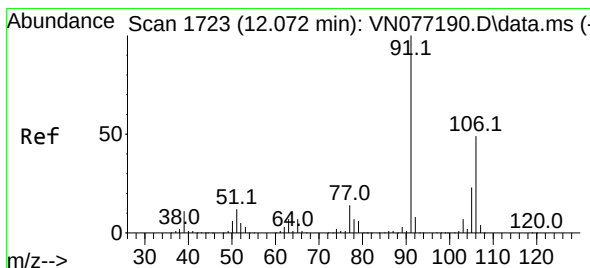
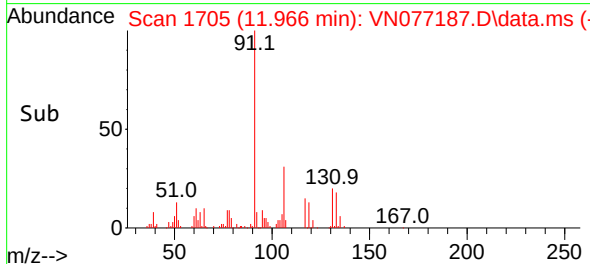
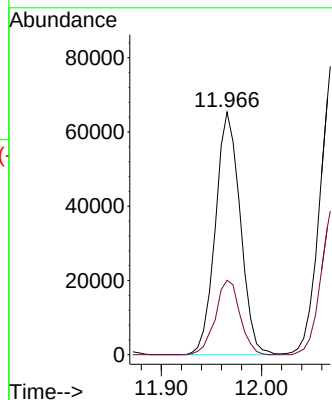
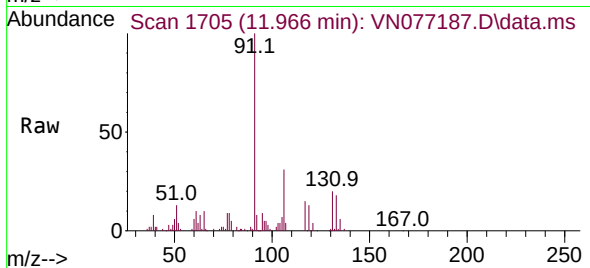
ClientSampleId :

Tgt Ion: 91 Resp: 112369

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



#68

m/p-Xylenes

Concen: 9.767 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.001 min

Lab File: VN077187.D

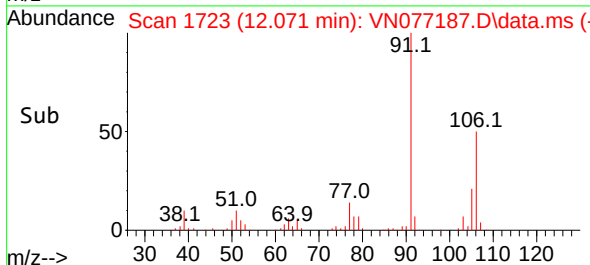
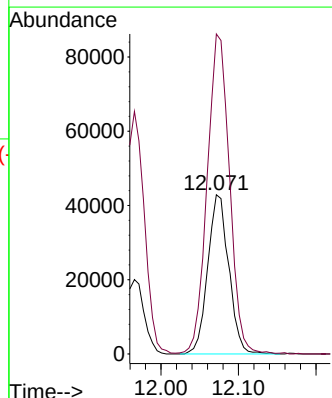
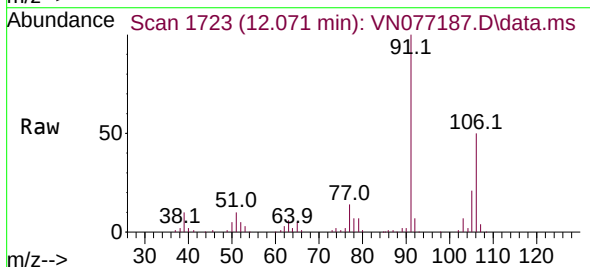
Acq: 24 Mar 2023 20:54

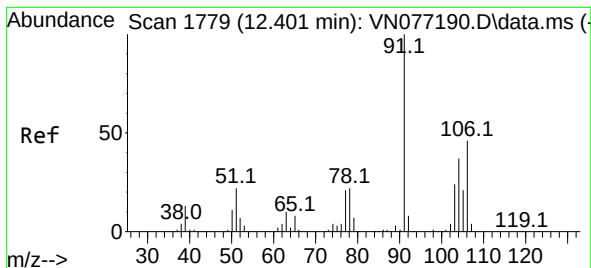
Tgt Ion: 106 Resp: 80867

Ion Ratio Lower Upper

106 100

91 214.0 165.8 248.8





#69

o-Xylene

Concen: 4.751 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

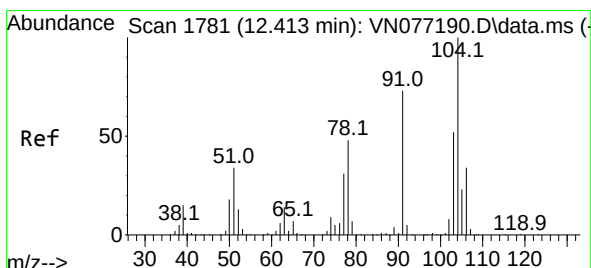
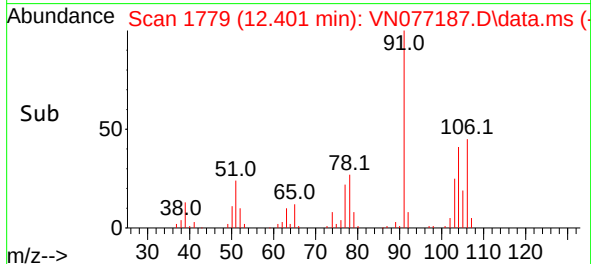
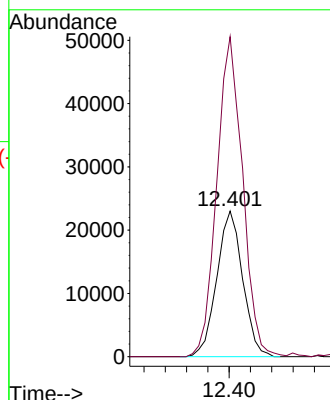
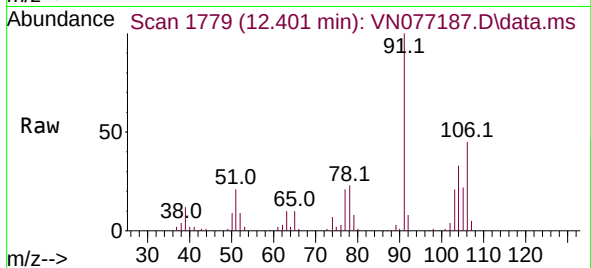
ClientSampleId :

Tgt Ion:106 Resp: 38778

Ion Ratio Lower Upper

106 100

91 218.8 108.7 326.1



#70

Styrene

Concen: 5.960 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

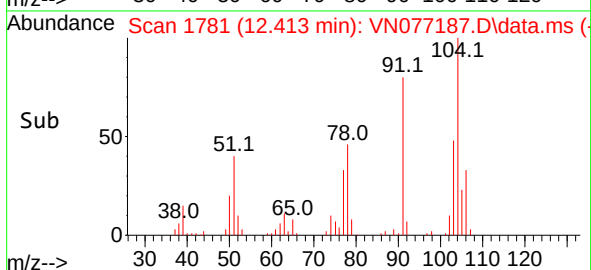
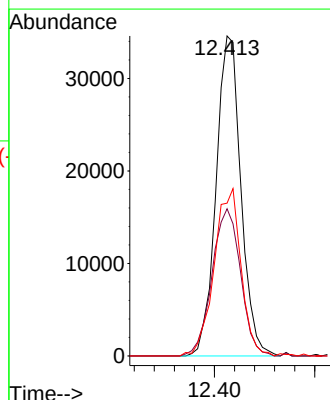
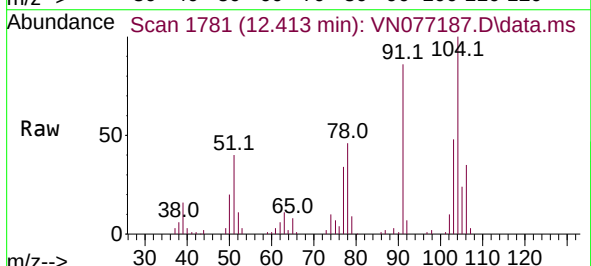
Tgt Ion:104 Resp: 59547

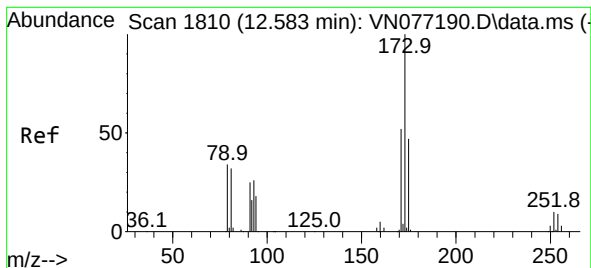
Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

103 56.3 44.1 66.1





#71

Bromoform

Concen: 4.811 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

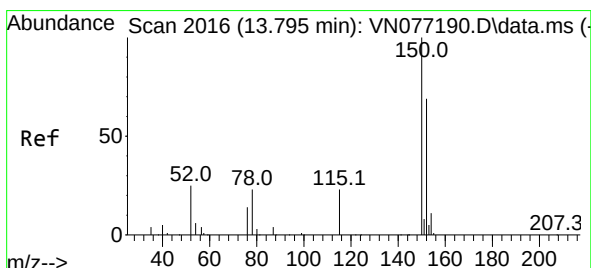
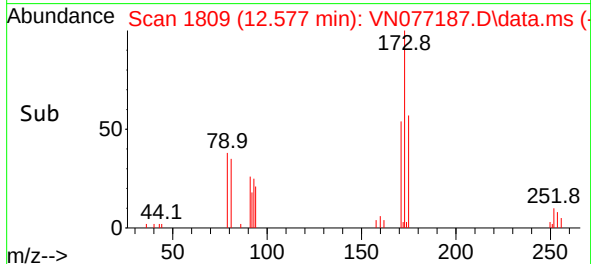
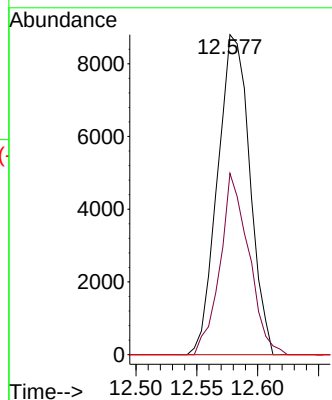
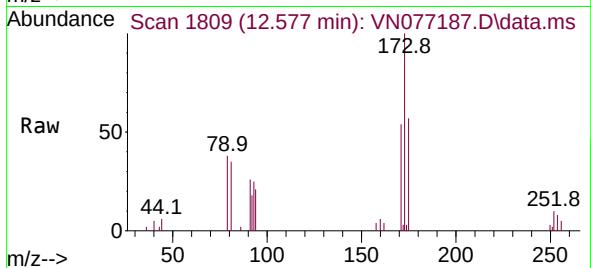
Tgt Ion:173 Resp: 16214

Ion Ratio Lower Upper

173 100

175 50.6 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: VN077187.D

Acq: 24 Mar 2023 20:54

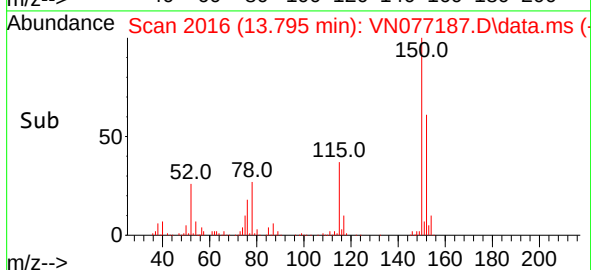
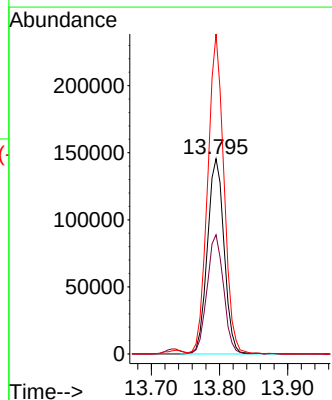
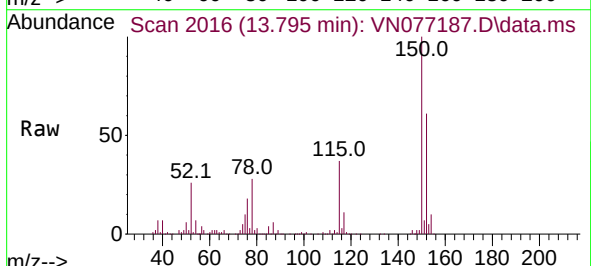
Tgt Ion:152 Resp: 247459

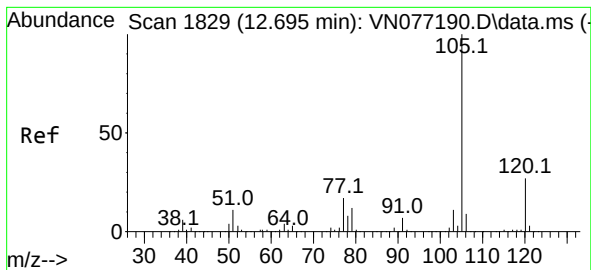
Ion Ratio Lower Upper

152 100

115 60.6 30.4 91.2

150 160.1 0.0 345.6





#73

Isopropylbenzene

Concen: 5.171 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

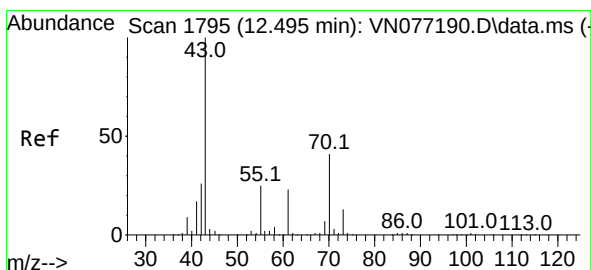
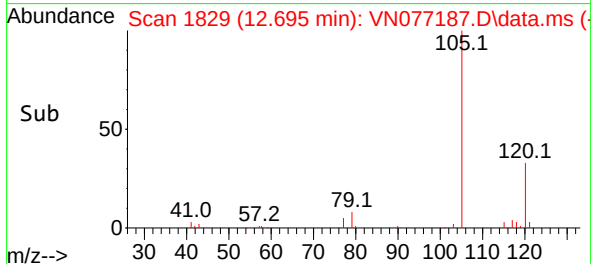
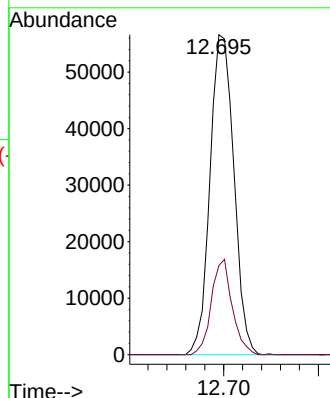
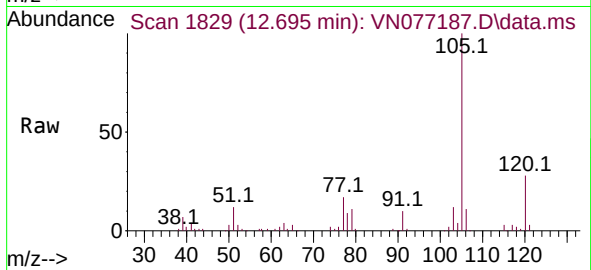
ClientSampleId :

Tgt Ion:105 Resp: 99243

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



#74

N-ethyl acetate

Concen: 5.023 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion: 43 Resp: 42123

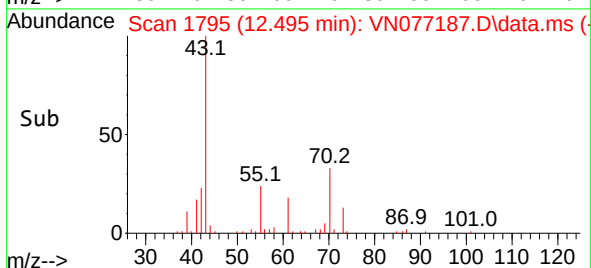
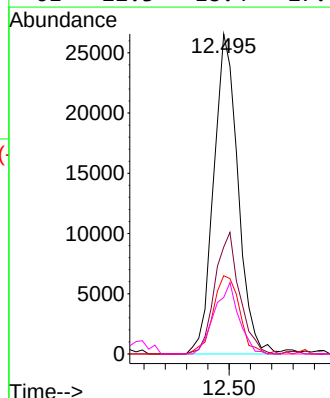
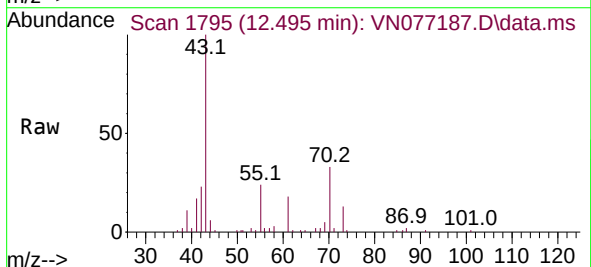
Ion Ratio Lower Upper

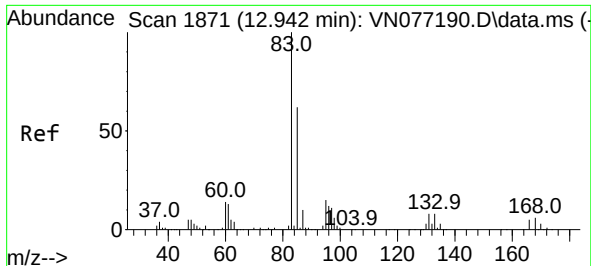
43 100

70 38.4 32.8 49.2

55 26.7 20.2 30.2

61 22.3 18.4 27.6

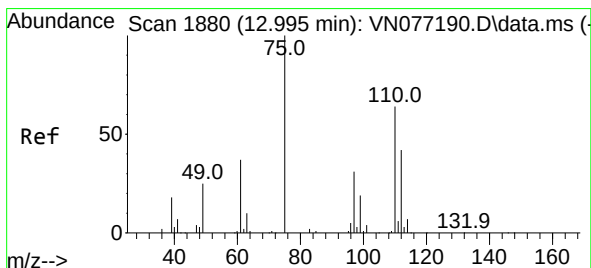
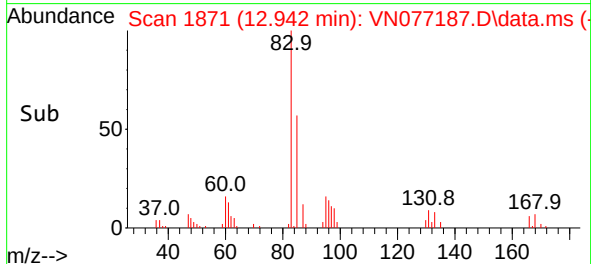
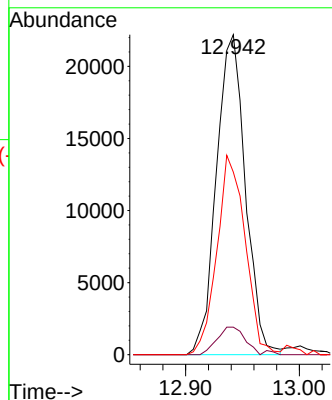
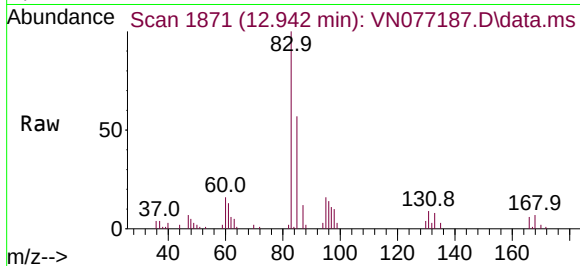




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.701 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

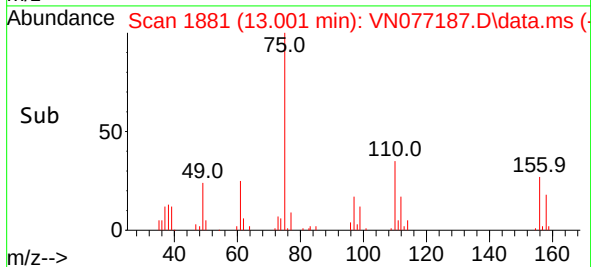
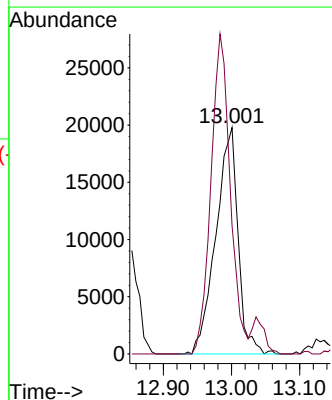
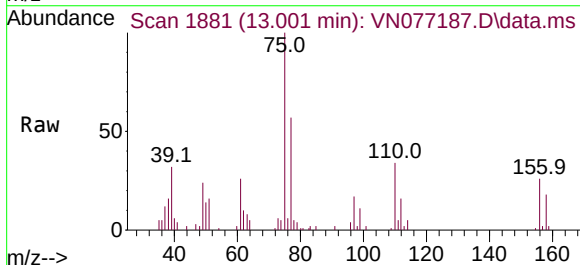
Instrument :
 MSVOA_N
 ClientSampleId :

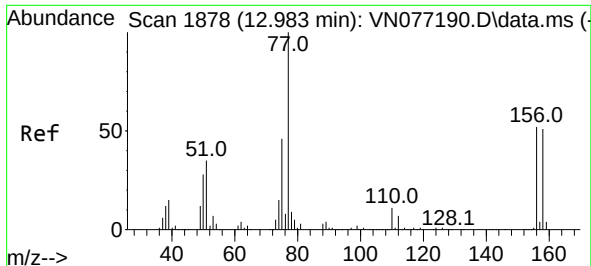
Tgt Ion: 83 Resp: 39440
 Ion Ratio Lower Upper
 83 100
 131 8.7 4.9 14.6
 85 60.7 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 7.476 ug/l
 RT: 13.001 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Tgt Ion: 75 Resp: 44878
 Ion Ratio Lower Upper
 75 100
 77 123.0 92.5 277.3

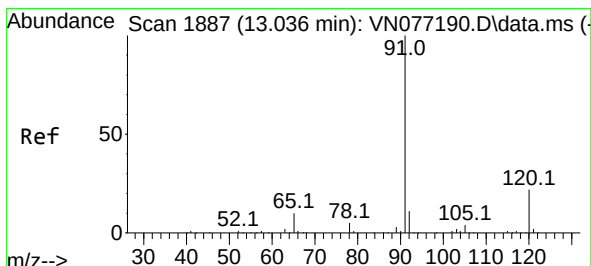
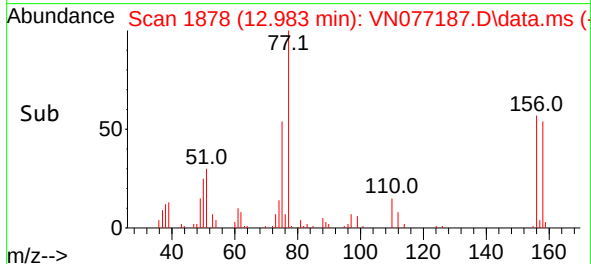
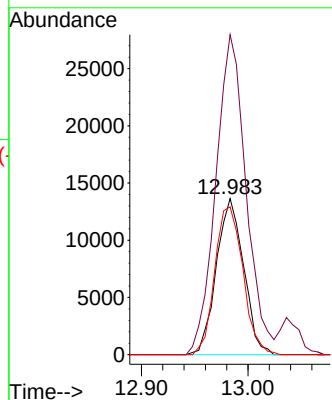
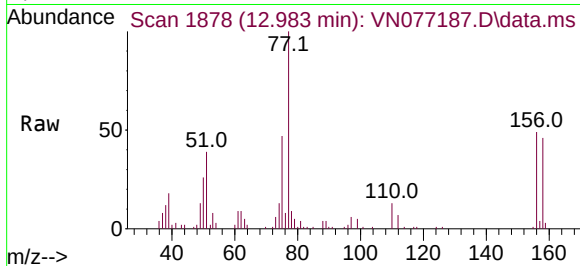




#77
Bromobenzene
Concen: 5.267 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

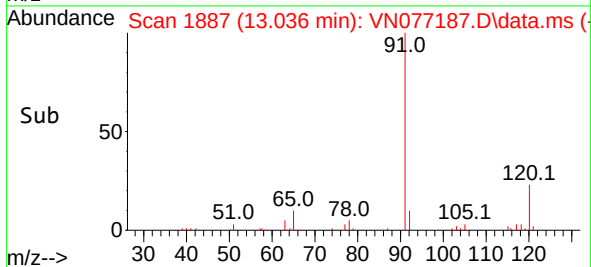
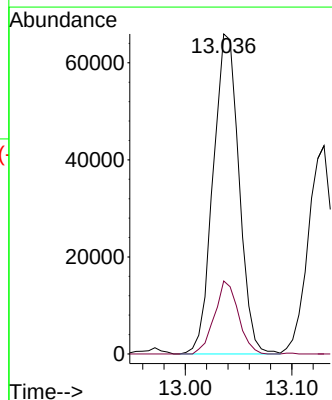
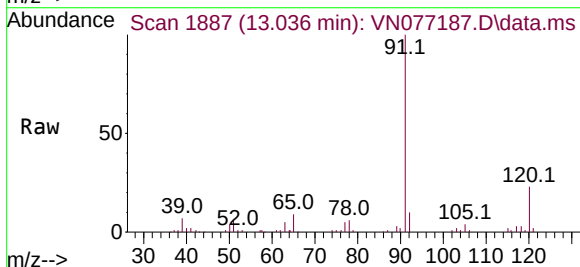
Instrument :
MSVOA_N
ClientSampleId :

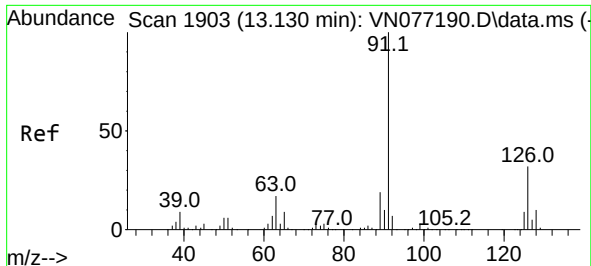
Tgt Ion:156 Resp: 24221
Ion Ratio Lower Upper
156 100
77 228.0 110.3 330.9
158 97.9 48.8 146.4



#78
n-propylbenzene
Concen: 5.113 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 91 Resp: 111247
Ion Ratio Lower Upper
91 100
120 20.9 11.1 33.3

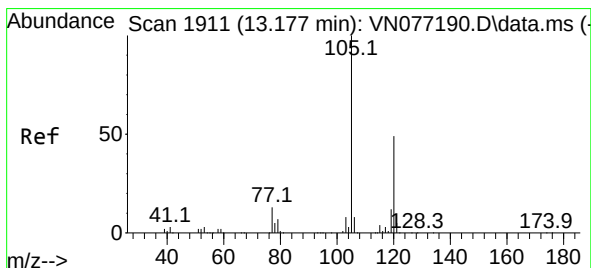
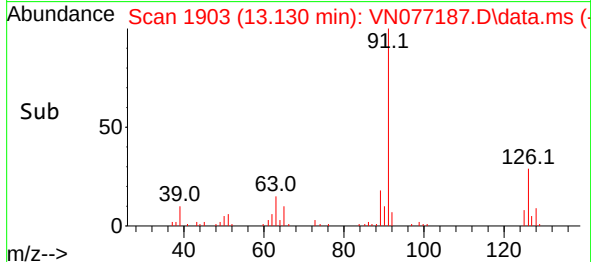
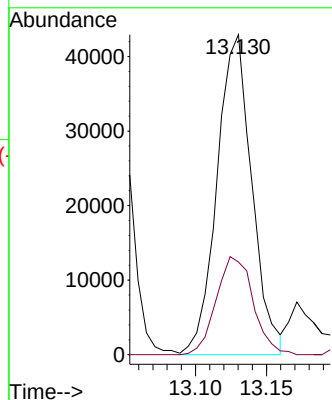
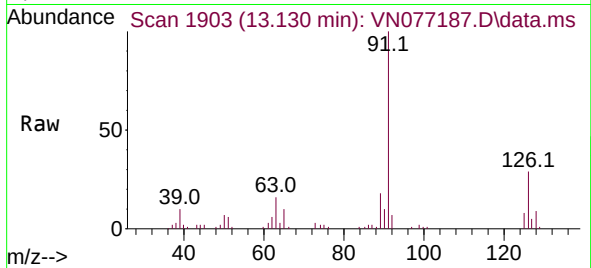




#79
2-Chlorotoluene
Concen: 5.333 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

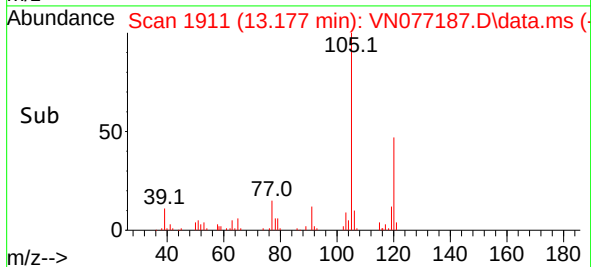
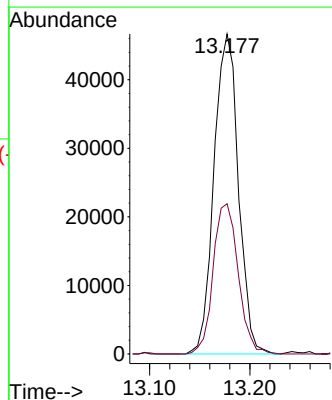
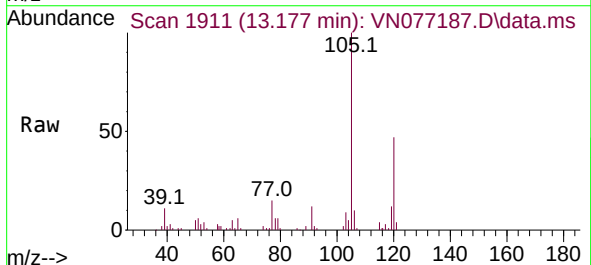
Instrument :
MSVOA_N
ClientSampleId :

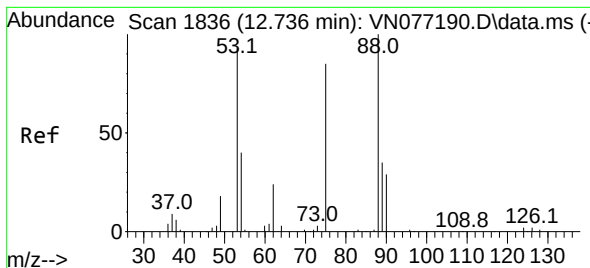
Tgt Ion: 91 Resp: 73296
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 5.090 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:105 Resp: 78912
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2

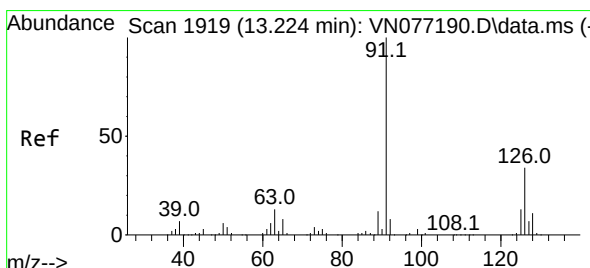
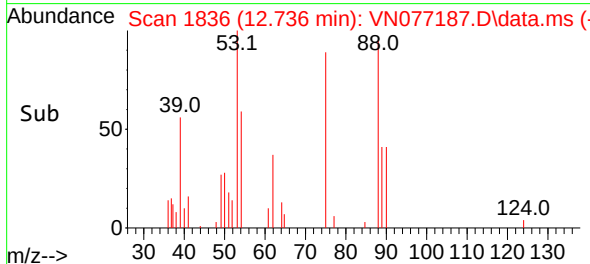
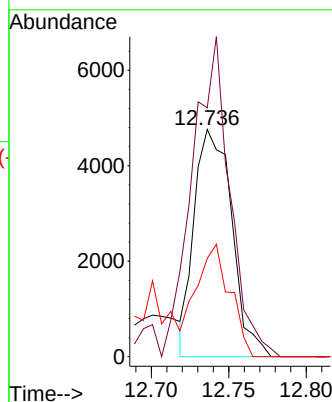
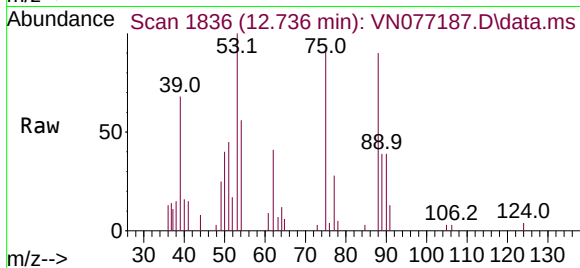




#81
trans-1,4-Dichloro-2-butene
Concen: 4.503 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

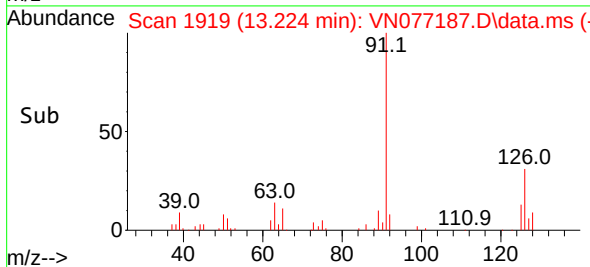
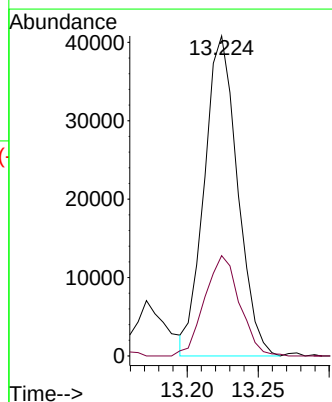
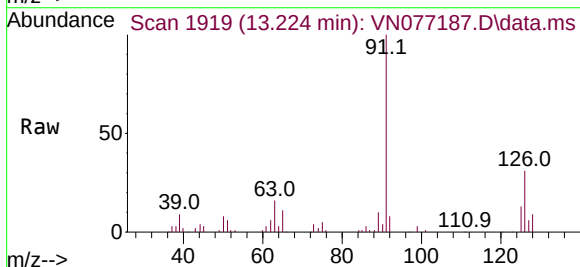
Instrument :
MSVOA_N
ClientSampleId :

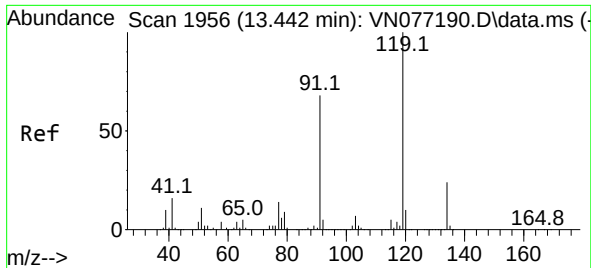
Tgt Ion: 75 Resp: 8015
Ion Ratio Lower Upper
75 100
53 140.7 84.8 127.2#
89 44.8 33.8 50.6



#82
4-Chlorotoluene
Concen: 5.015 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion: 91 Resp: 66575
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

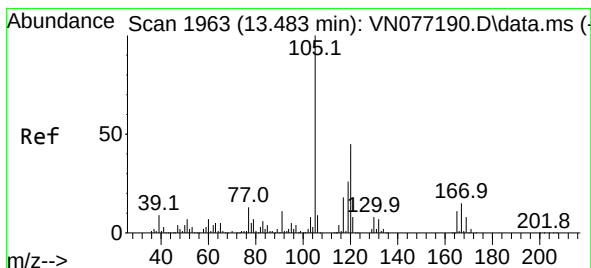
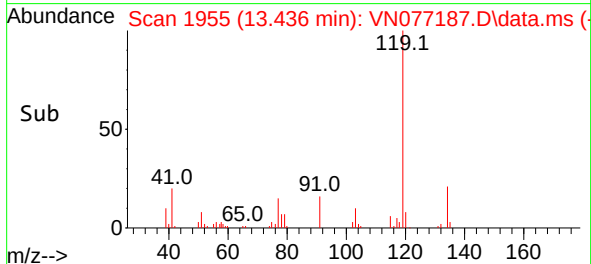
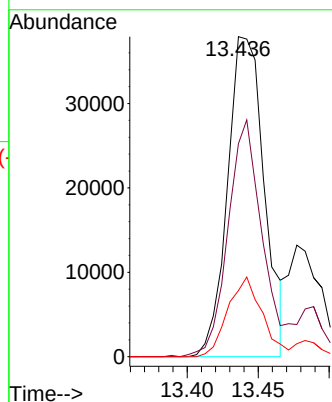
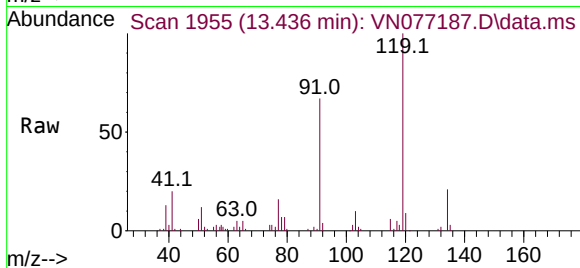




#83
tert-Butylbenzene
Concen: 4.991 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

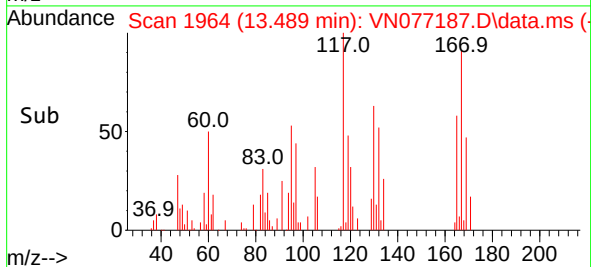
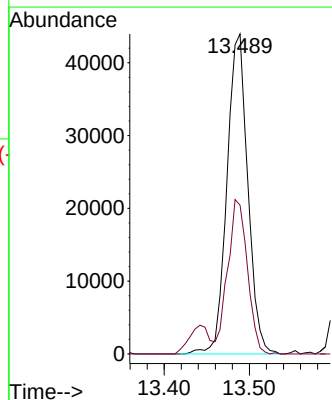
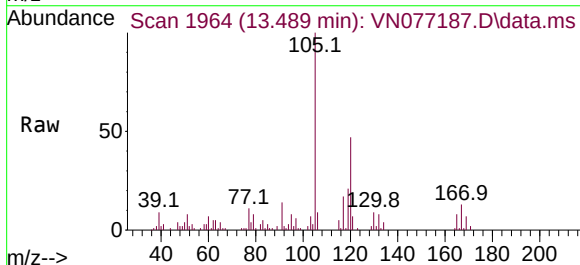
Instrument :
MSVOA_N
ClientSampleId :

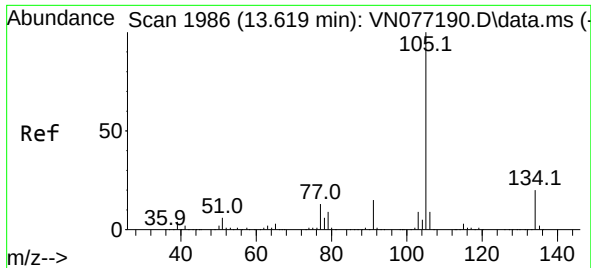
Tgt Ion:119 Resp: 68320
Ion Ratio Lower Upper
119 100
91 71.3 33.0 99.0
134 23.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 4.921 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077187.D
Acq: 24 Mar 2023 20:54

Tgt Ion:105 Resp: 74769
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8

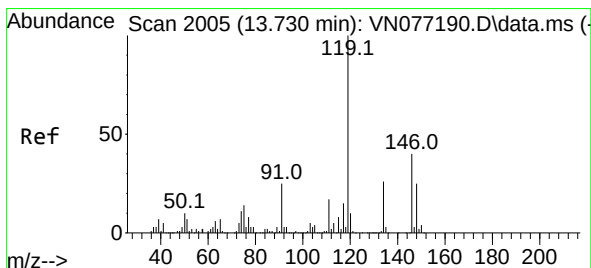
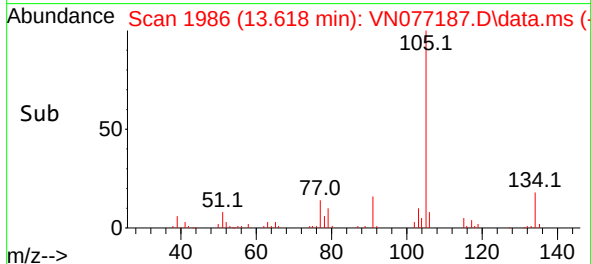
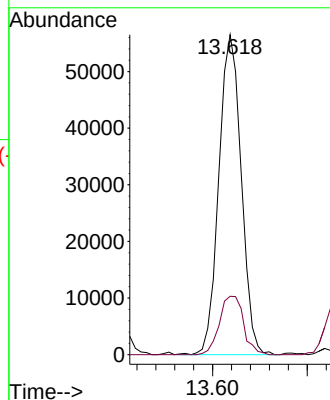
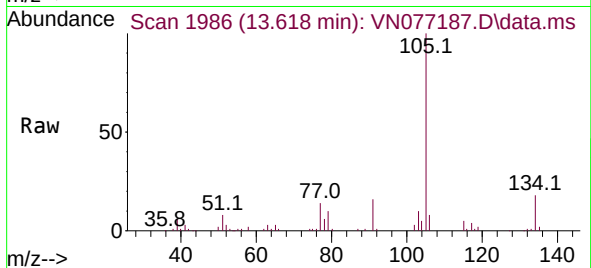




#85
 sec-Butylbenzene
 Concen: 4.930 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

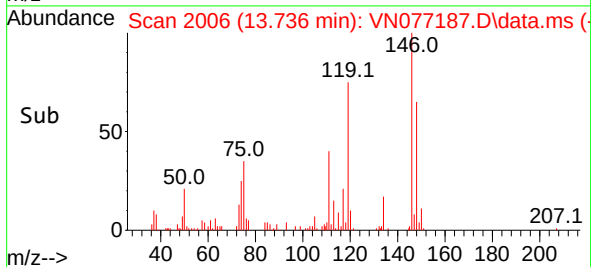
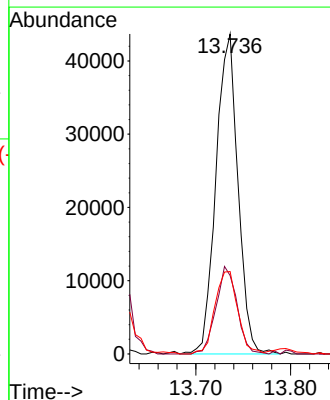
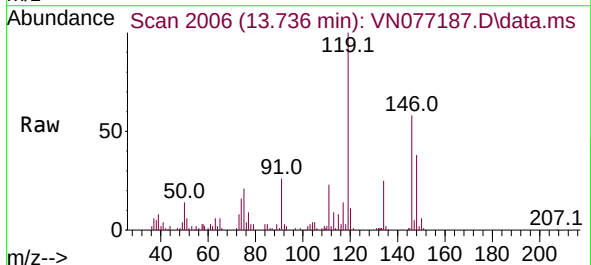
Instrument :
 MSVOA_N
 ClientSampleId :

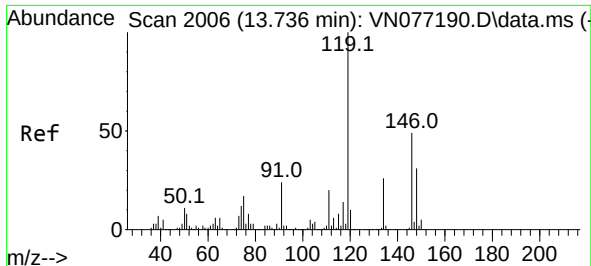
Tgt Ion:105 Resp: 92793
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 6.248 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077187.D
 Acq: 24 Mar 2023 20:54

Tgt Ion:119 Resp: 70529
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 26.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 5.005 ug/l

RT: 13.736 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077187.D

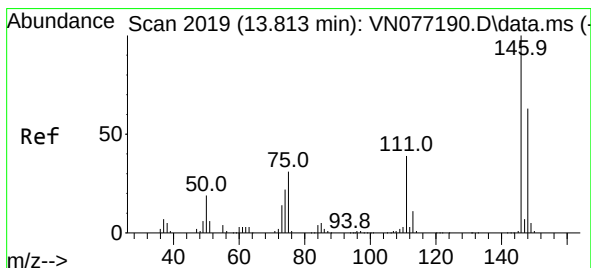
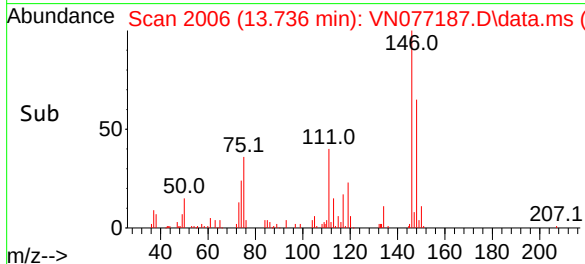
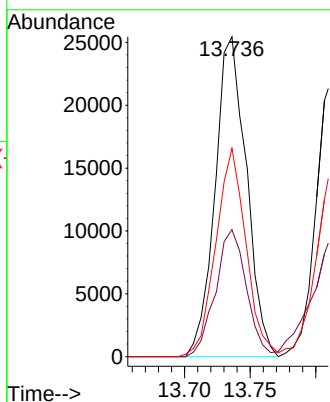
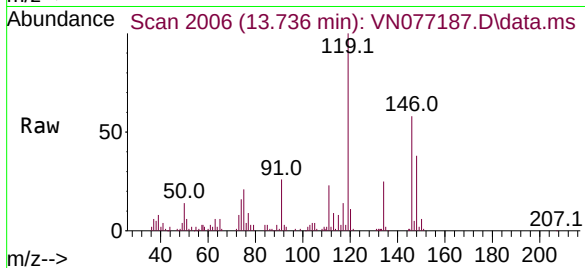
Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	42265
Ion Ratio	Lower	Upper
146	100	
111	39.1	20.9 62.7
148	62.7	32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 4.976 ug/l

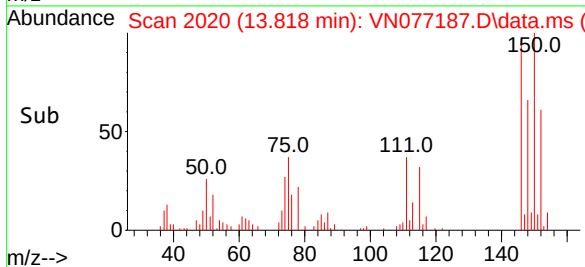
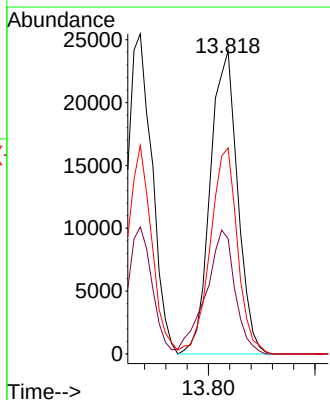
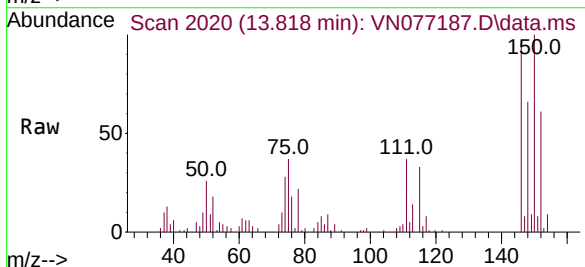
RT: 13.818 min Scan# 2020

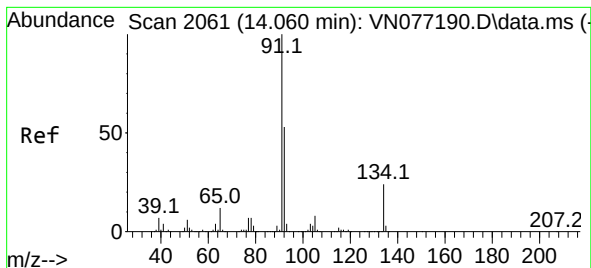
Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion:146	Resp:	42899
Ion Ratio	Lower	Upper
146	100	
111	43.9	20.2 60.6
148	67.8	32.0 96.0





#89

n-Butylbenzene

Concen: 6.277 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

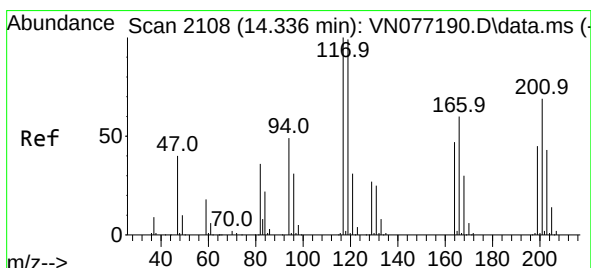
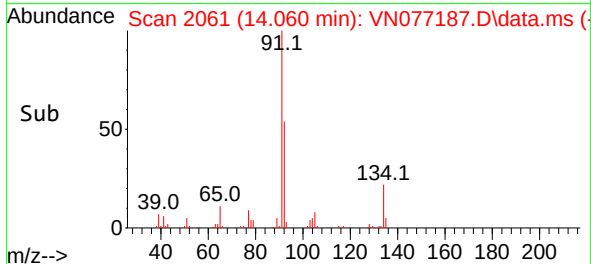
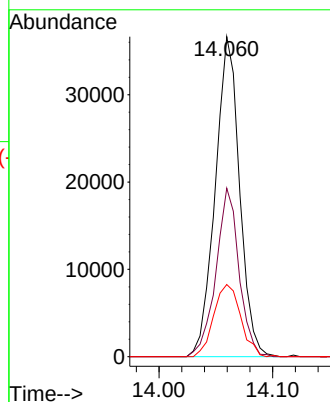
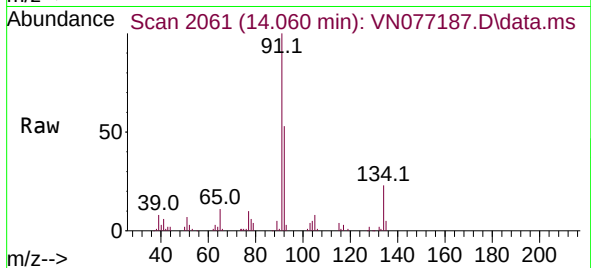
Tgt Ion: 91 Resp: 54523

Ion Ratio Lower Upper

91 100

92 50.0 26.4 79.0

134 25.1 12.1 36.3



#90

Hexachloroethane

Concen: 4.839 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077187.D

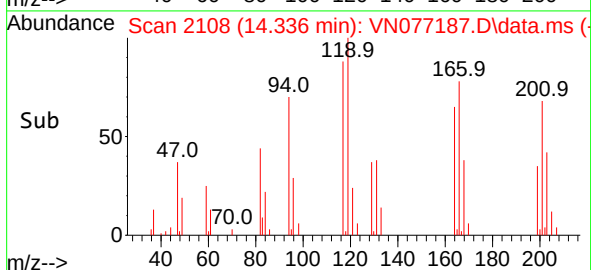
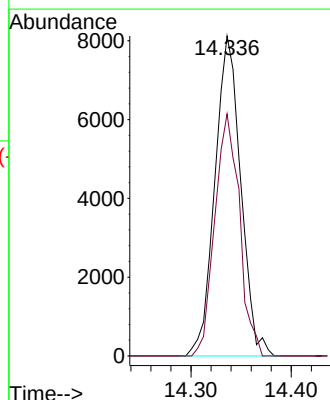
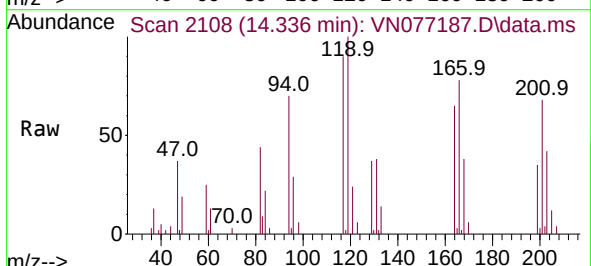
Acq: 24 Mar 2023 20:54

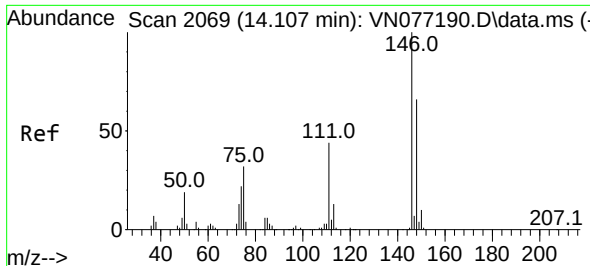
Tgt Ion: 117 Resp: 14554

Ion Ratio Lower Upper

117 100

201 72.0 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 5.187 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

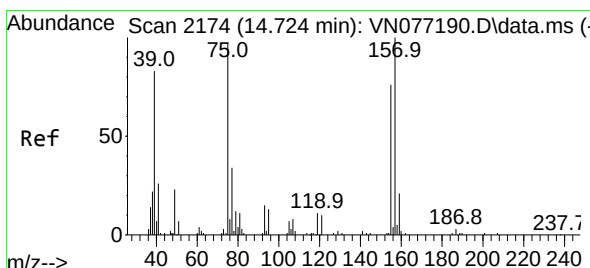
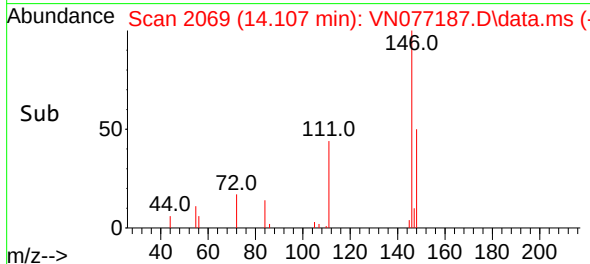
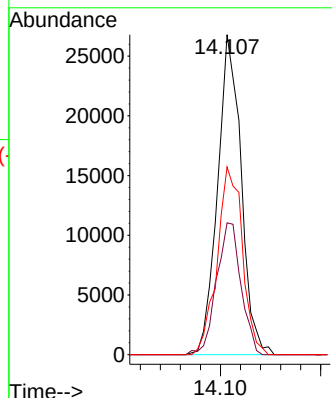
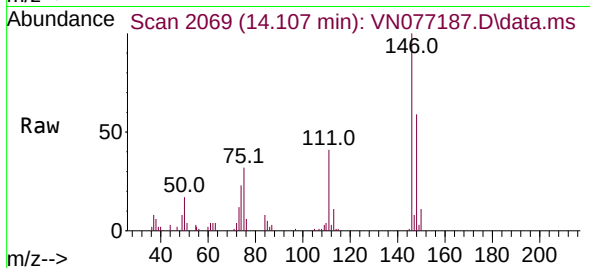
Tgt Ion:146 Resp: 43629

Ion Ratio Lower Upper

146 100

111 43.0 21.6 65.0

148 62.8 32.4 97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.044 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

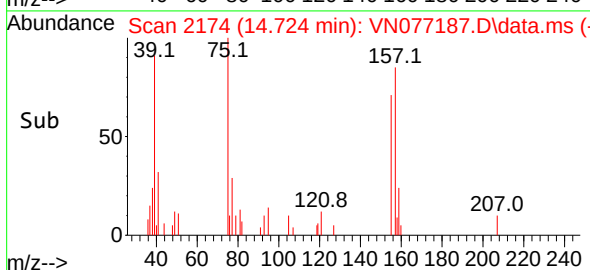
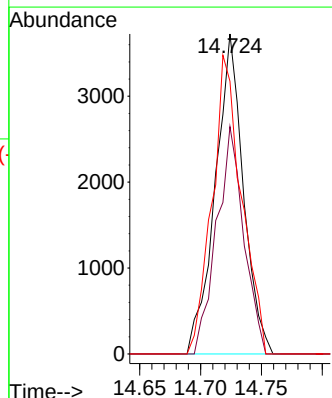
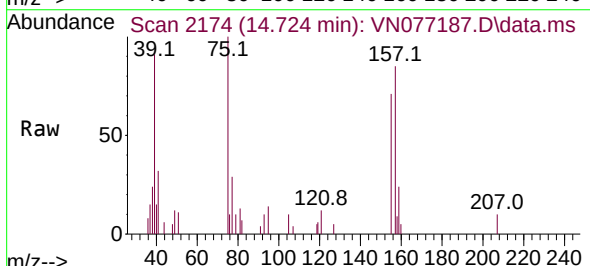
Tgt Ion: 75 Resp: 5982

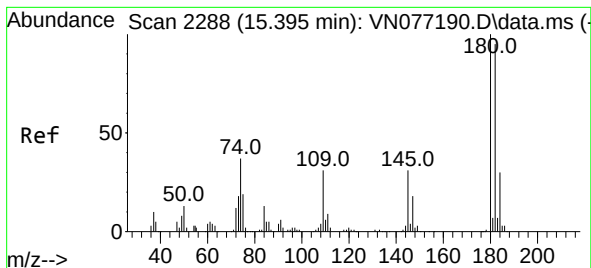
Ion Ratio Lower Upper

75 100

155 68.4 38.9 116.6

157 97.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 6.267 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

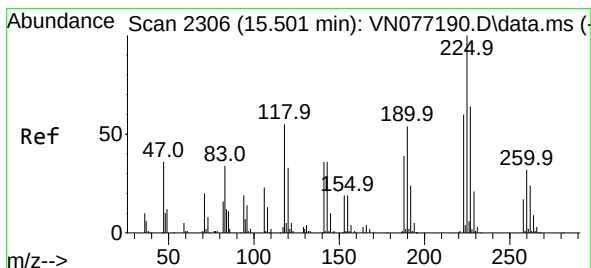
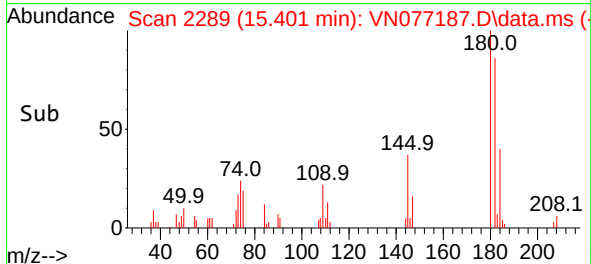
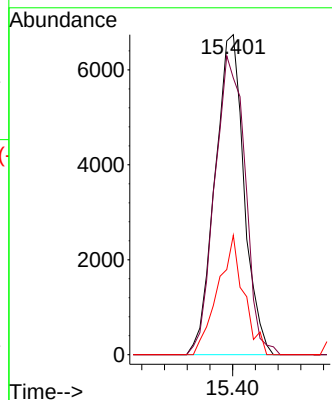
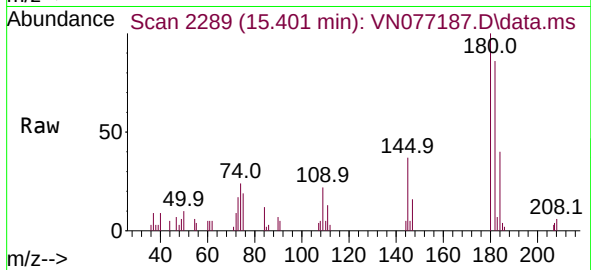
Tgt Ion:180 Resp: 11970

Ion Ratio Lower Upper

180 100

182 97.9 47.8 143.3

145 33.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 5.476 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

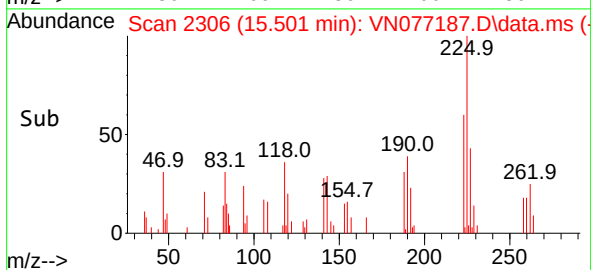
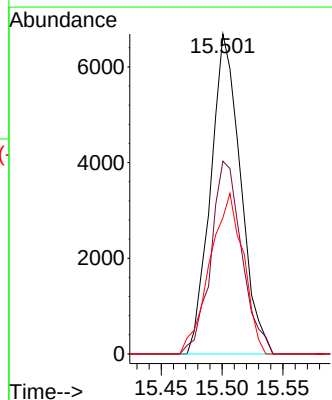
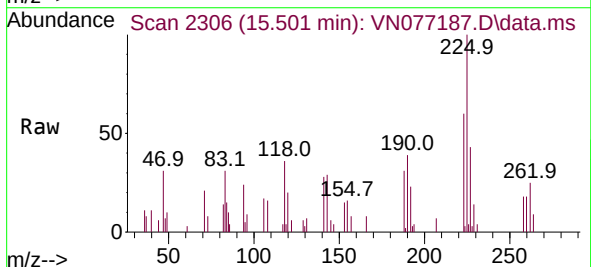
Tgt Ion:225 Resp: 11424

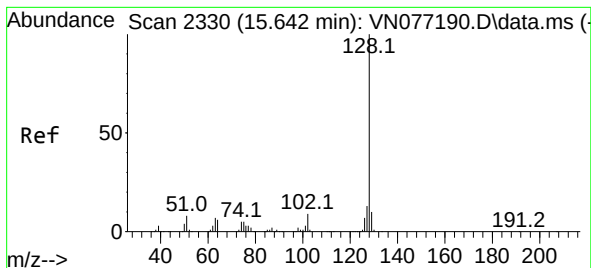
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 56.1 31.1 93.2





#95

Naphthalene

Concen: 6.094 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077187.D

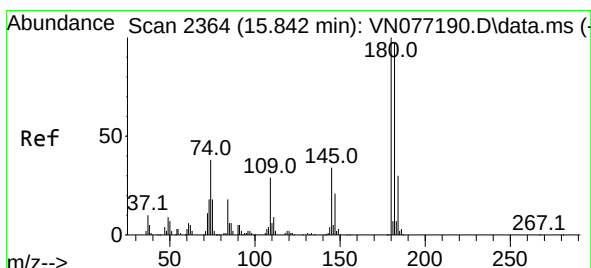
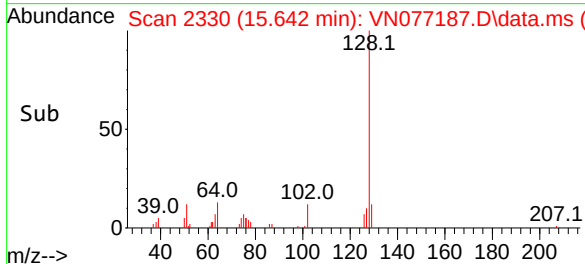
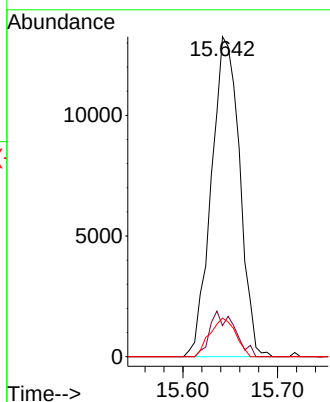
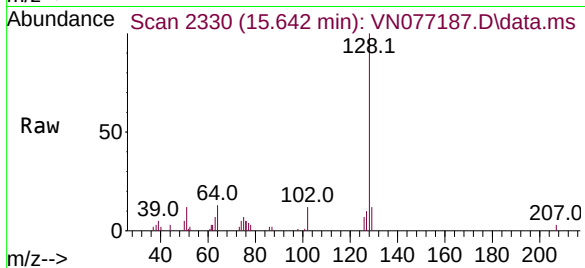
Acq: 24 Mar 2023 20:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	27495
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.3 15.5
129	11.0	8.2 12.2



#96

1,2,3-Trichlorobenzene

Concen: 5.973 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion:180	Resp:	10679
Ion Ratio	Lower	Upper
180	100	
182	99.1	48.3 144.8
145	40.3	16.9 50.6

