

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075202.D
 Acq On : 08 Nov 2022 11:19
 Operator : JC\MD
 Sample : VN1108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 01:29:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

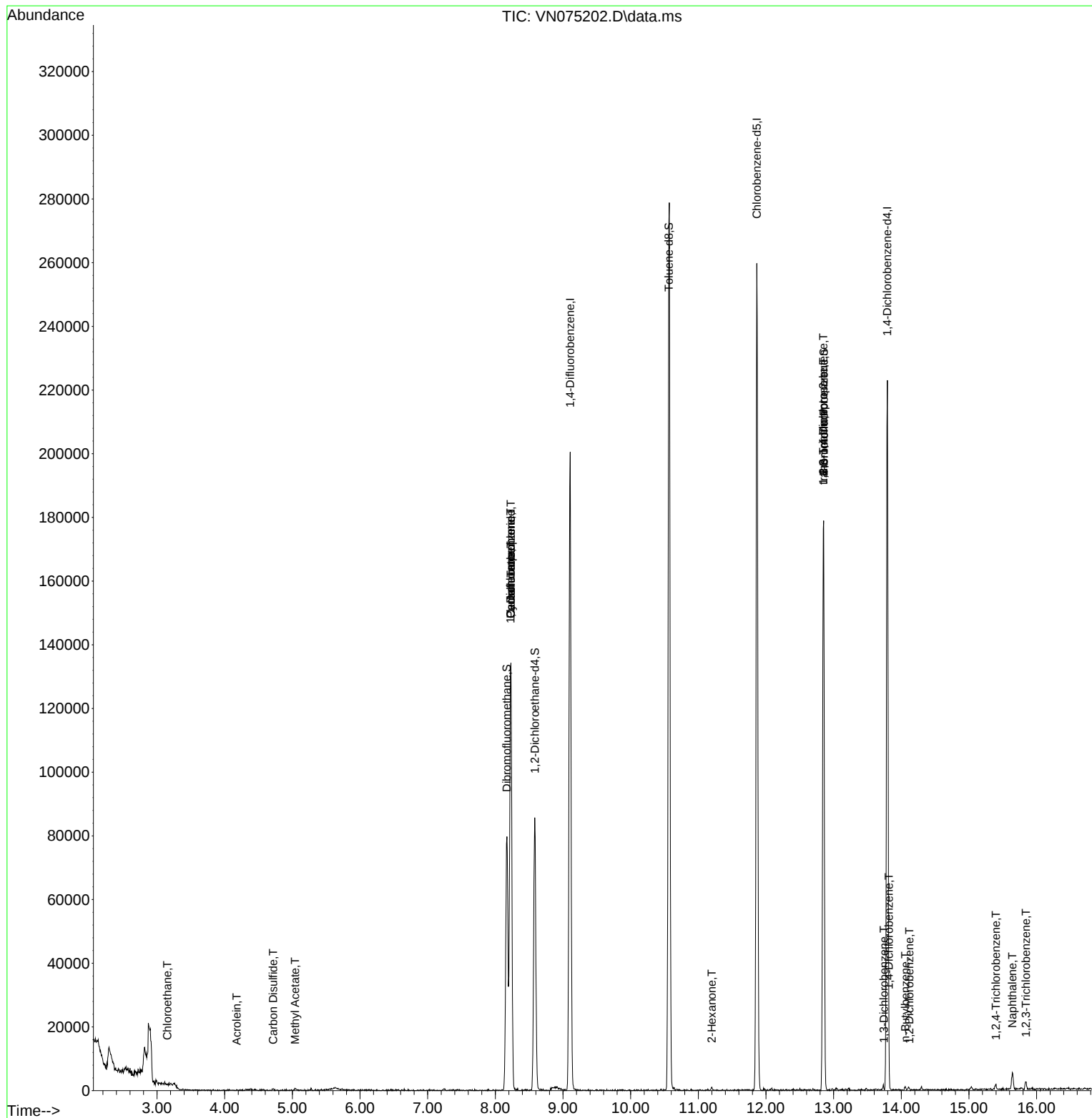
Internal Standards						
1) Pentafluorobenzene	8.230	168	96452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	151543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70257	54.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	8.171	113	58018	55.016	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.040%			
50) Toluene-d8	10.565	98	201462	49.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.853	95	64616	44.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	730	Below Cal	#	77
6) Chloroethane	3.154	64	381	0.279	ug/l #	45
13) Acrolein	4.177	56	57	0.230	ug/l #	15
17) Carbon Disulfide	4.718	76	589	0.229	ug/l #	74
18) Methyl Acetate	5.042	43	1096	0.610	ug/l #	57
31) Cyclohexane	8.230	56	2282	1.181	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	8556	5.241	ug/l #	50
38) Carbon Tetrachloride	8.230	117	11237	6.257	ug/l #	16
59) 2-Hexanone	11.200	43	812	0.597	ug/l	84
71) Bromoform	12.853	173	414	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	35305	27.190	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	35305	69.796	ug/l #	10
87) 1,3-Dichlorobenzene	13.741	146	555	0.262	ug/l #	80
88) 1,4-Dichlorobenzene	13.818	146	1041	0.497	ug/l #	58
89) n-Butylbenzene	14.059	91	750	0.220	ug/l #	77
91) 1,2-Dichlorobenzene	14.118	146	488	0.232	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	752	0.831	ug/l	94
95) Naphthalene	15.641	128	6243	1.793	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	1070	1.189	ug/l	98

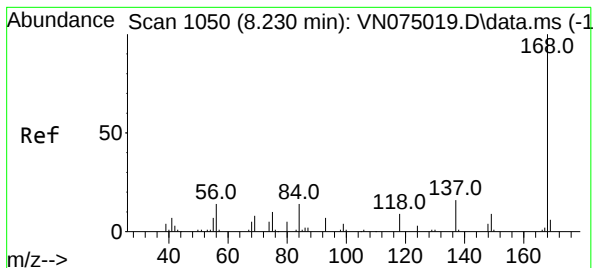
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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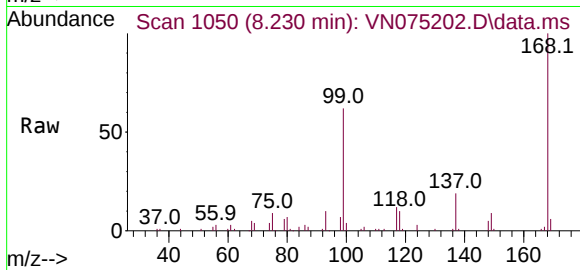
Quant Time: Nov 09 01:29:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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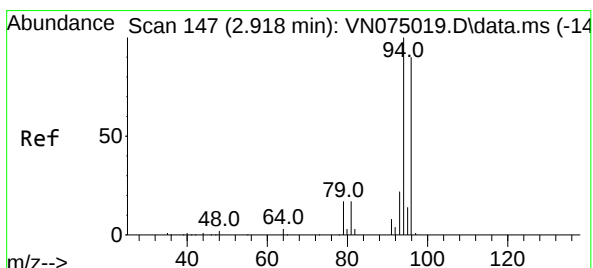
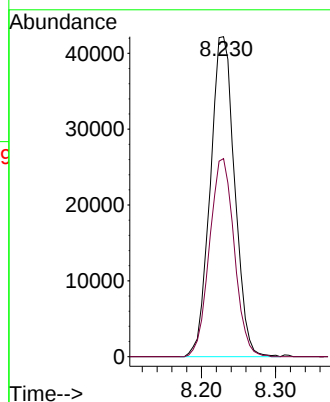
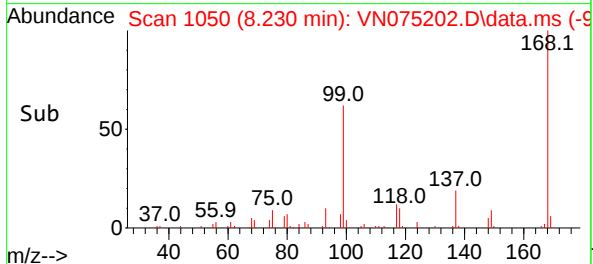


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :

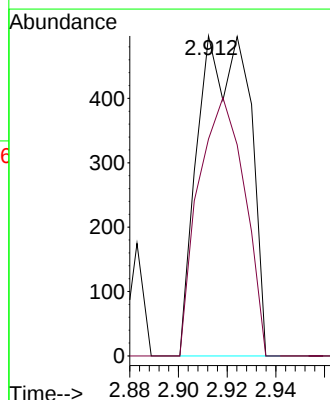
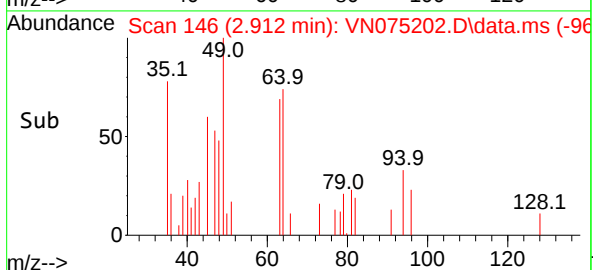
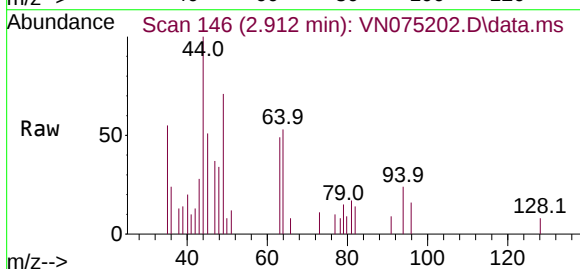


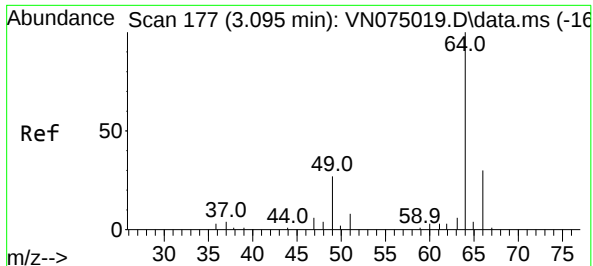
Tgt Ion:168 Resp: 96452
Ion Ratio Lower Upper
168 100
99 61.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 67.8 71.8 107.6#

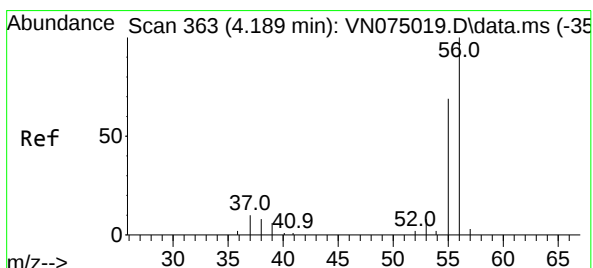
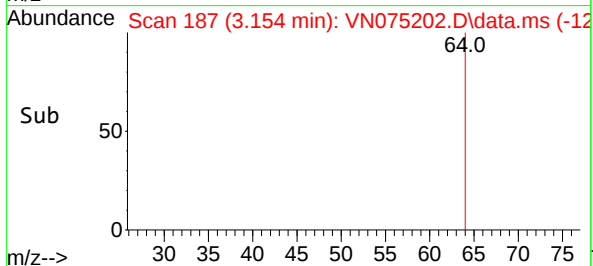
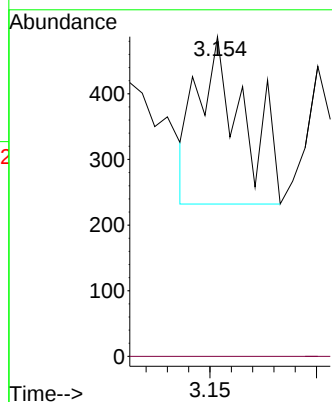
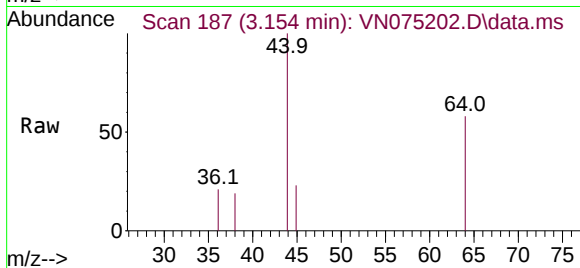




#6
Chloroethane
Concen: 0.279 ug/l
RT: 3.154 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

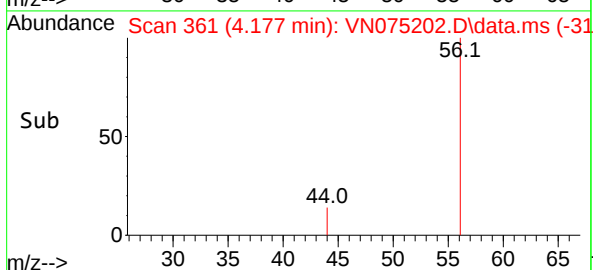
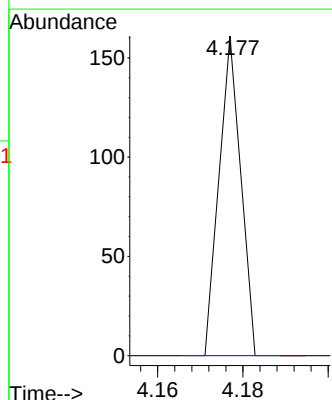
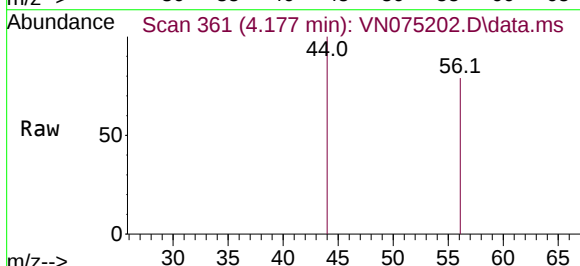
Instrument :
MSVOA_N
ClientSampleId :

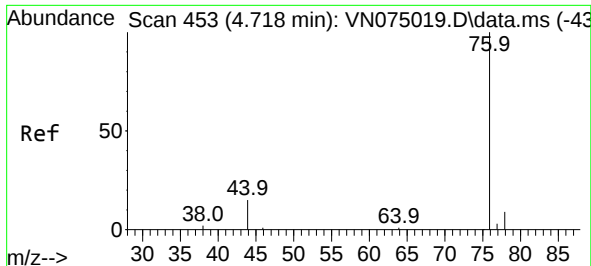
Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#13
Acrolein
Concen: 0.230 ug/l
RT: 4.177 min Scan# 361
Delta R.T. -0.012 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

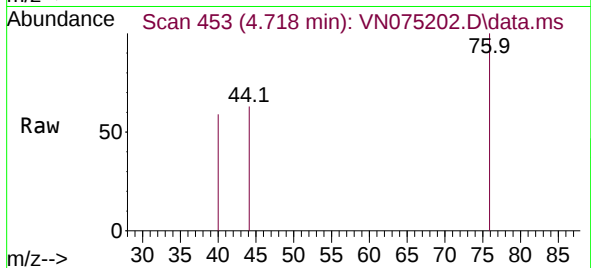
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



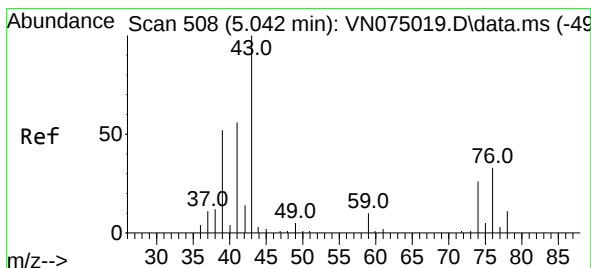
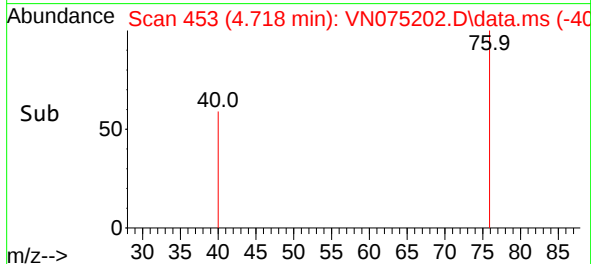
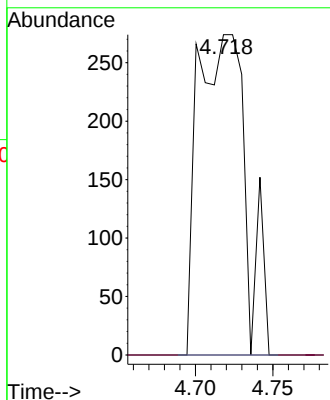


#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :

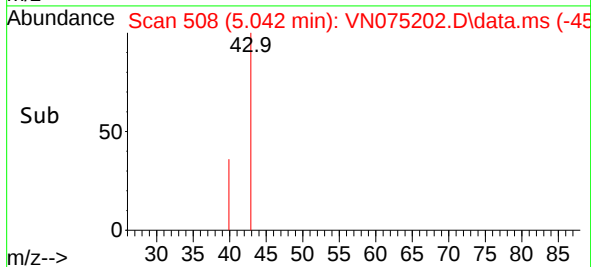
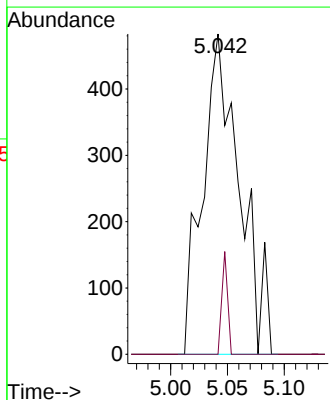
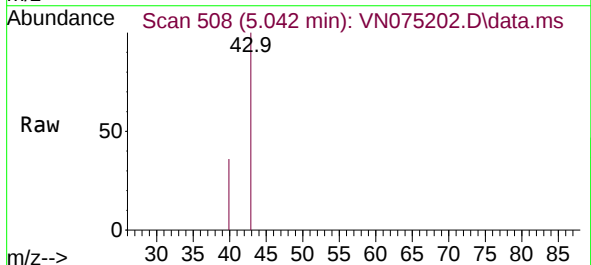


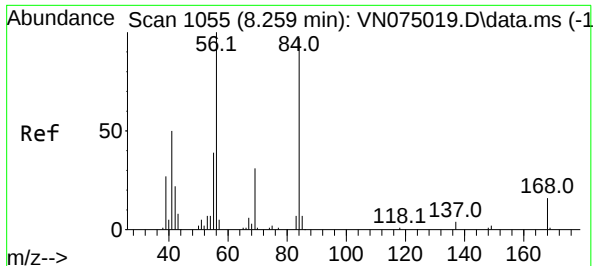
Tgt Ion: 76 Resp: 589
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.610 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

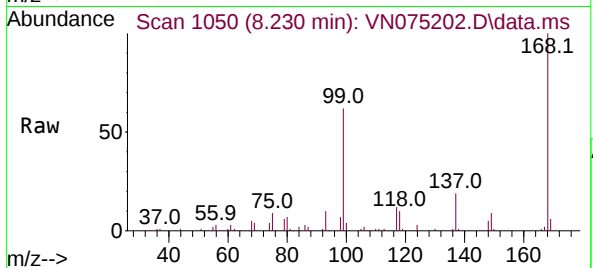
Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
74 5.0 22.0 33.0#



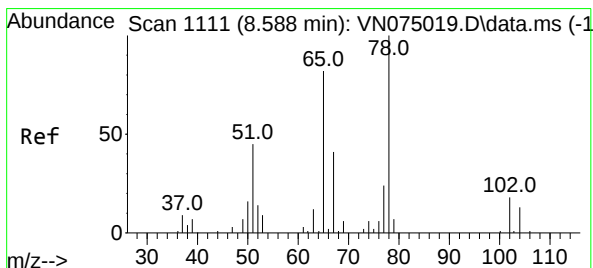
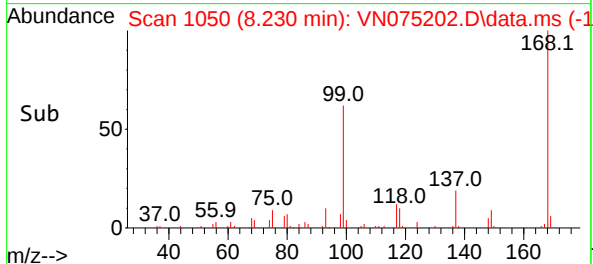
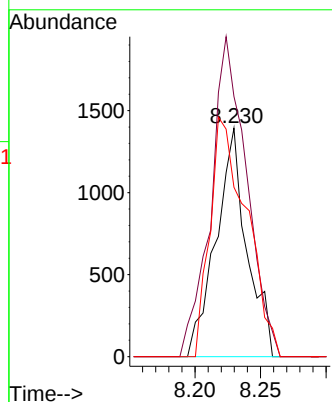


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :

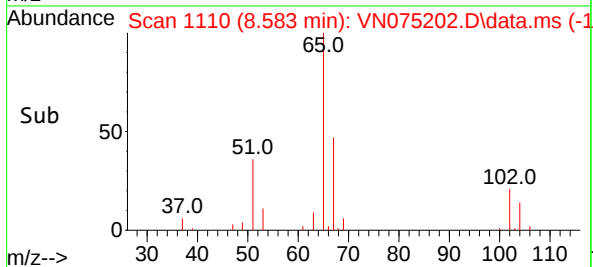
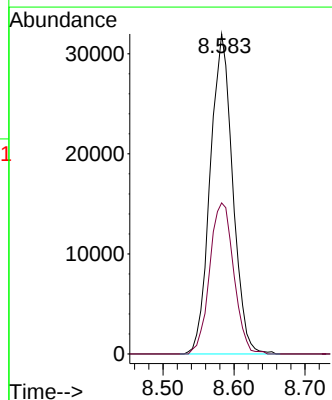
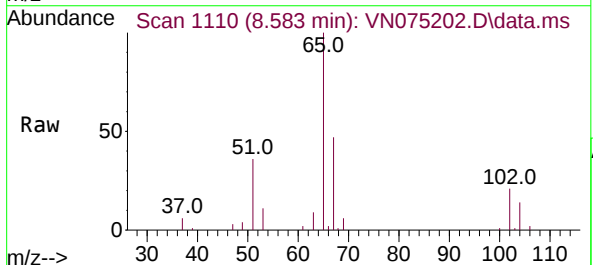


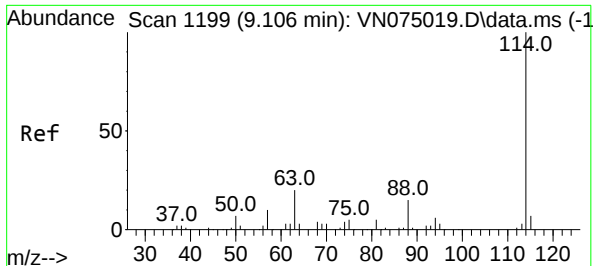
Tgt Ion: 56 Resp: 2282
Ion Ratio Lower Upper
56 100
69 113.9 25.2 37.8#
84 74.2 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 54.061 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion: 65 Resp: 70257
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075202.D

Acq: 08 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

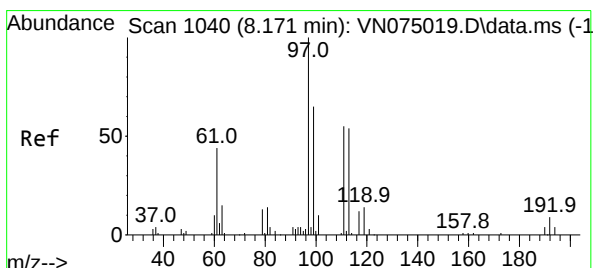
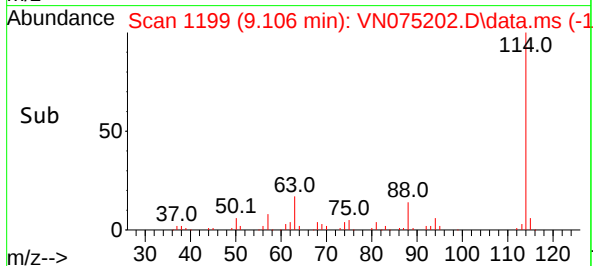
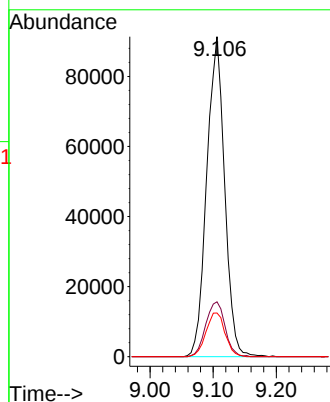
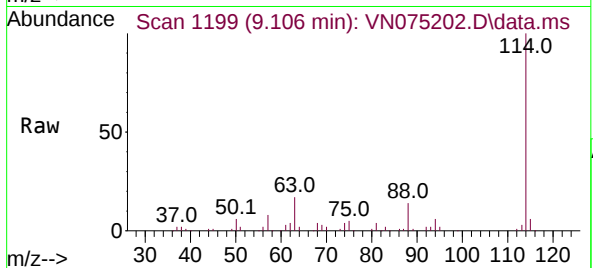
Tgt Ion:114 Resp: 179637

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 13.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.016 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075202.D

Acq: 08 Nov 2022 11:19

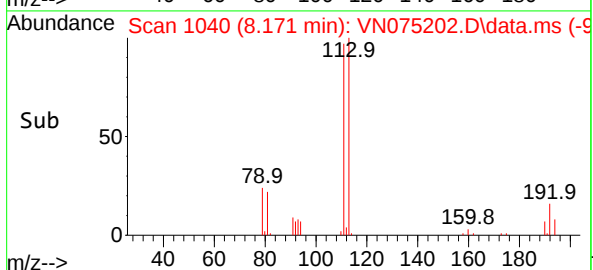
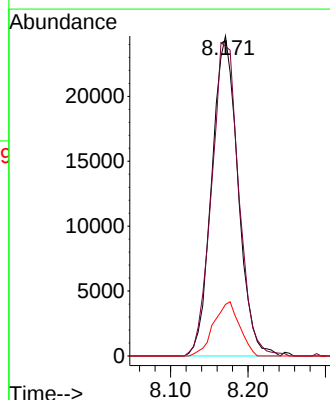
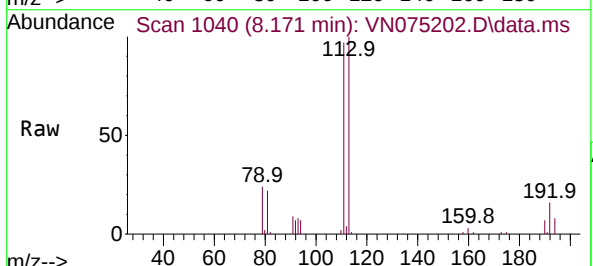
Tgt Ion:113 Resp: 58018

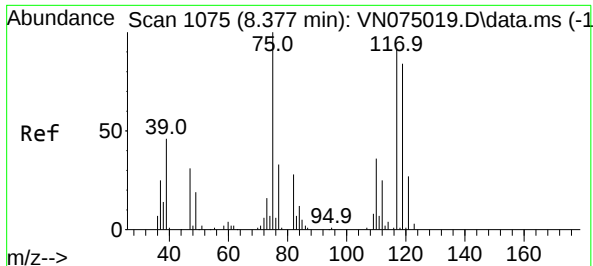
Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

192 16.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

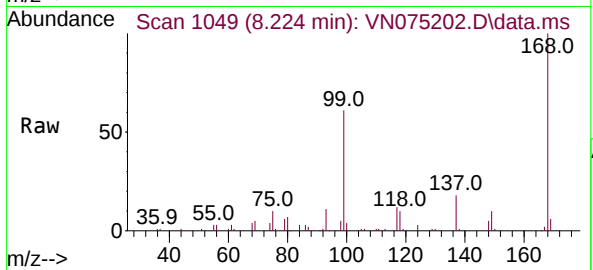
Lab File: VN075202.D

Acq: 08 Nov 2022 11:19

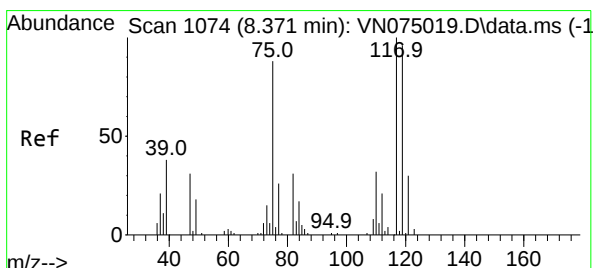
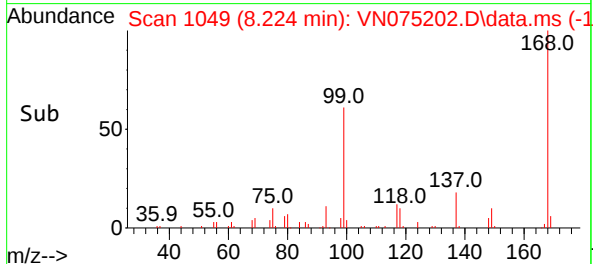
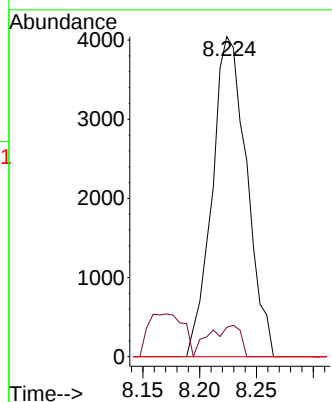
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 8556
Ion Ratio	Lower Upper
75	100
110	8.9 17.8 53.3#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.257 ug/l

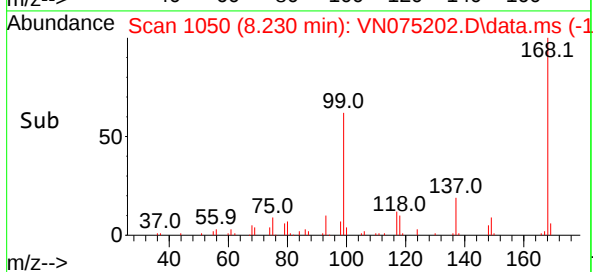
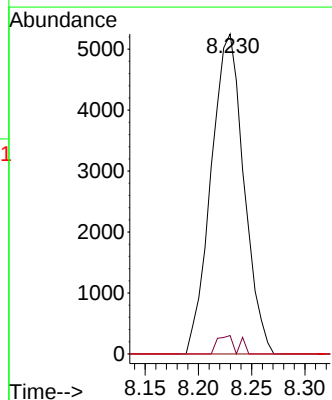
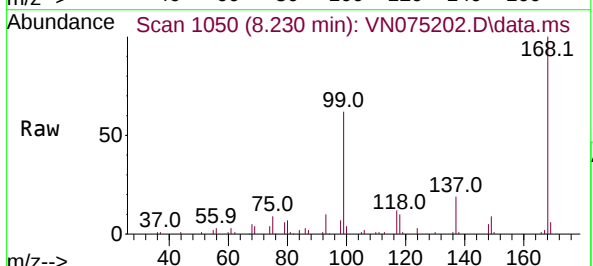
RT: 8.230 min Scan# 1050

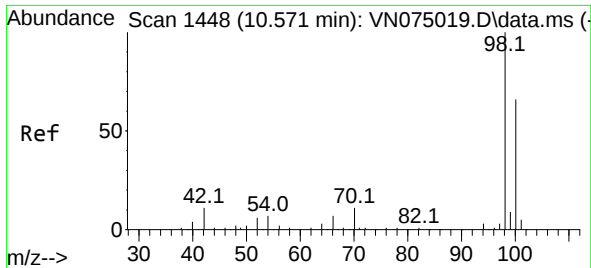
Delta R.T. -0.141 min

Lab File: VN075202.D

Acq: 08 Nov 2022 11:19

Tgt Ion: 117	Resp: 11237
Ion Ratio	Lower Upper
117	100
119	5.8 76.7 115.1#
121	0.0 23.9 35.9#

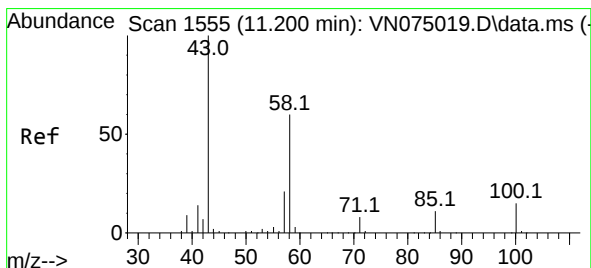
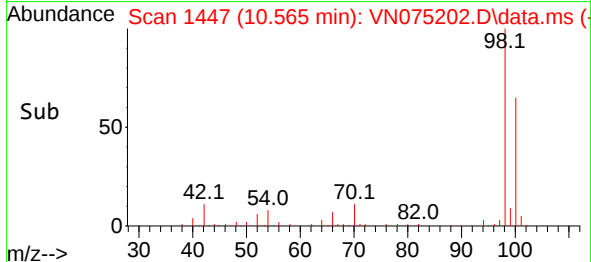
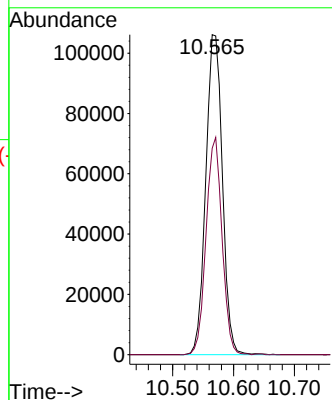
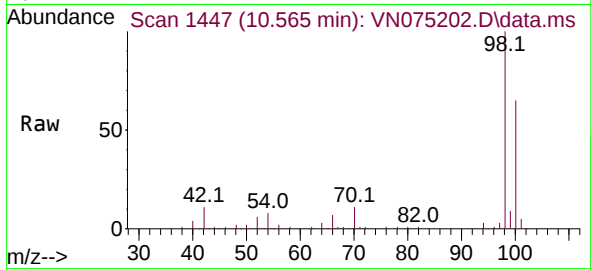




#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

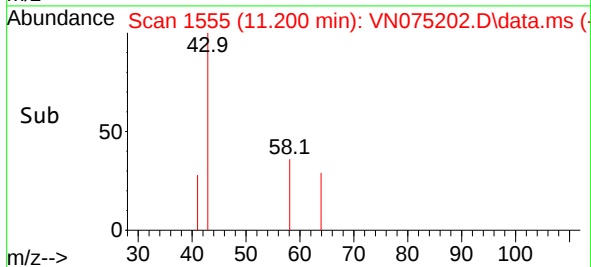
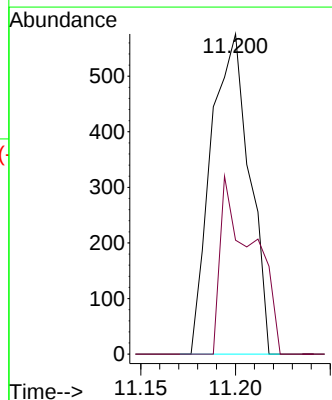
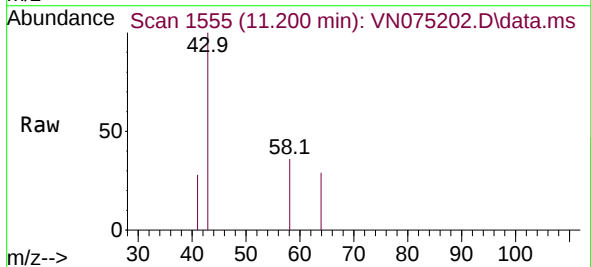
Instrument :
MSVOA_N
ClientSampleId :

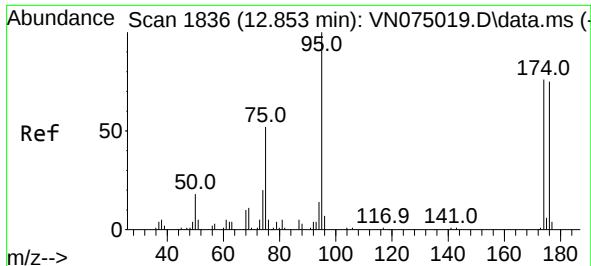
Tgt Ion: 98 Resp: 201462
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#59
2-Hexanone
Concen: 0.597 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 47.0 29.6 88.8

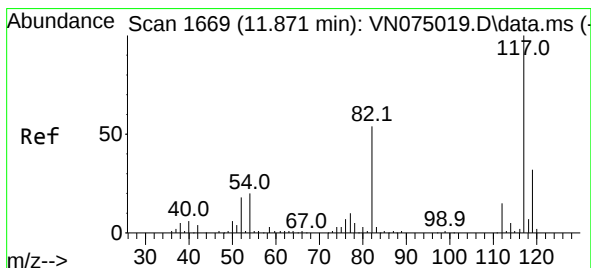
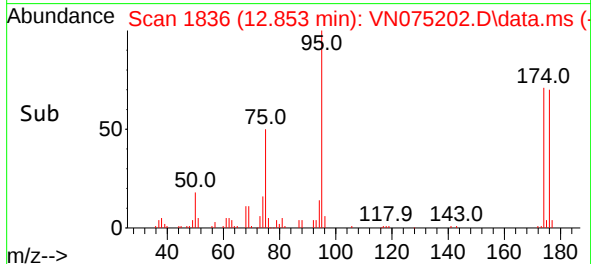
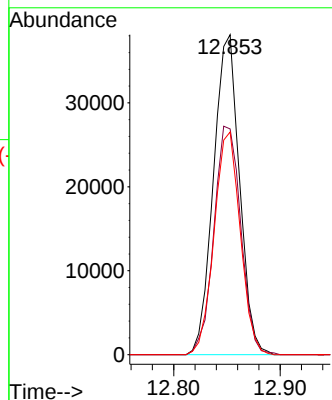
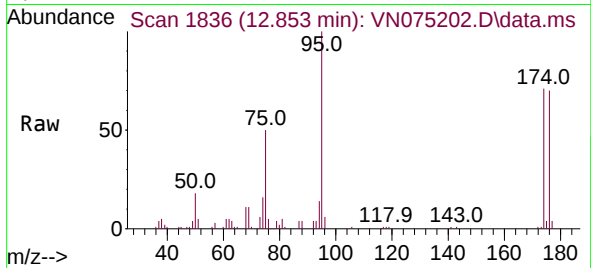




#62
4-Bromofluorobenzene
Concen: 44.959 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

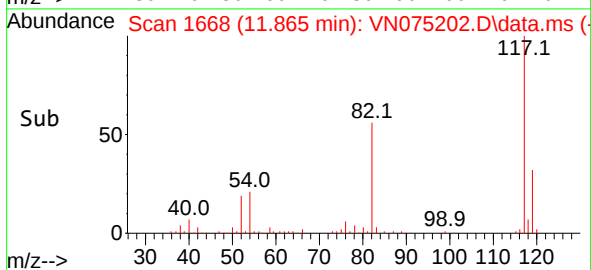
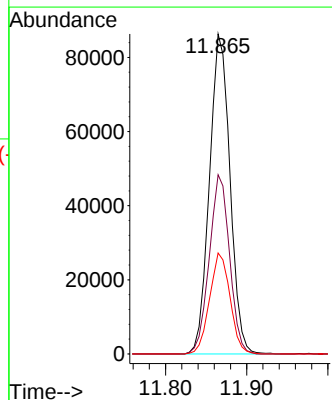
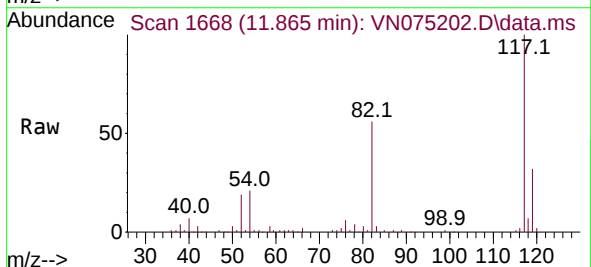
Instrument :
MSVOA_N
ClientSampleId :

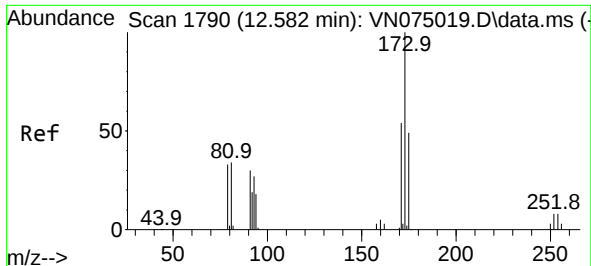
Tgt Ion: 95 Resp: 64616
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 69.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion: 117 Resp: 151543
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 31.5 25.5 38.3

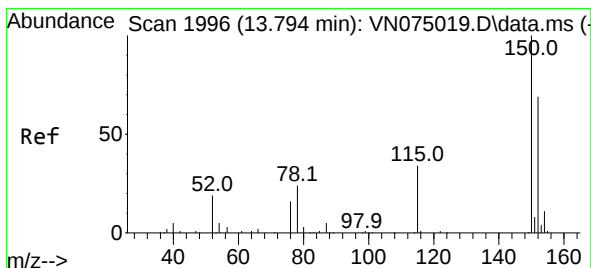
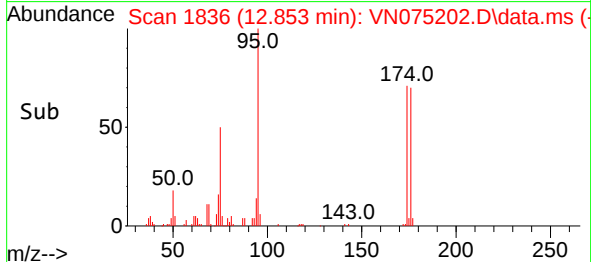
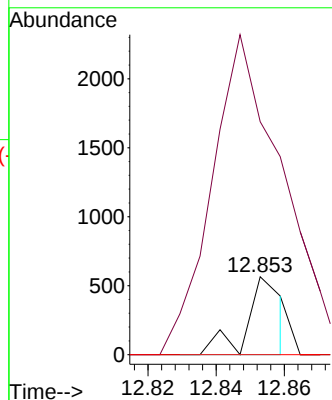
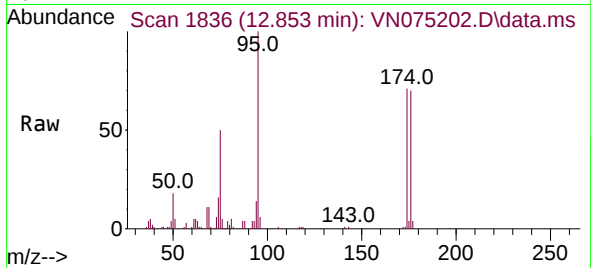




#71
Bromoform
Concen: 0.461 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

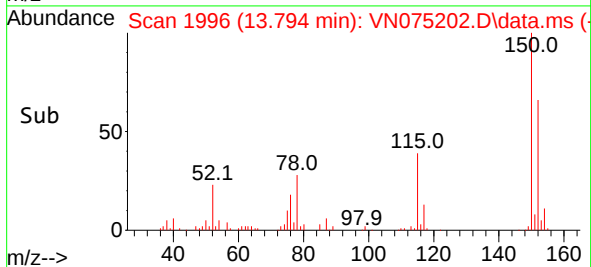
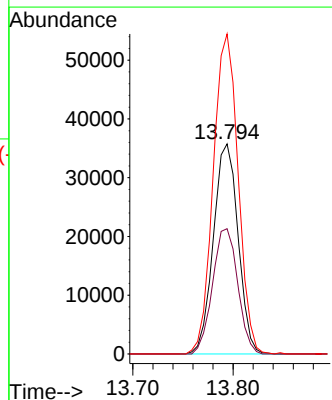
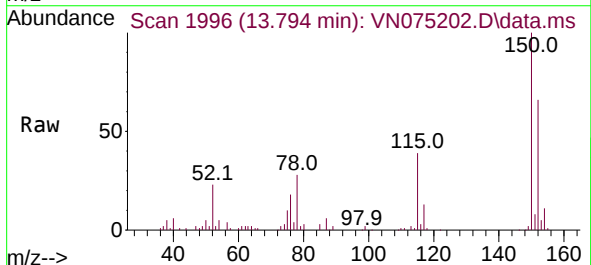
Instrument :
MSVOA_N
ClientSampleId :

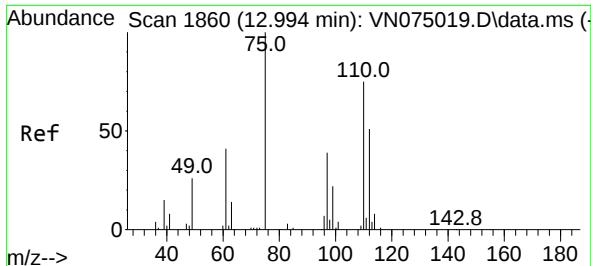
Tgt Ion:173 Resp: 414
Ion Ratio Lower Upper
173 100
175 689.6 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion:152 Resp: 61154
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 153.3 0.0 348.4

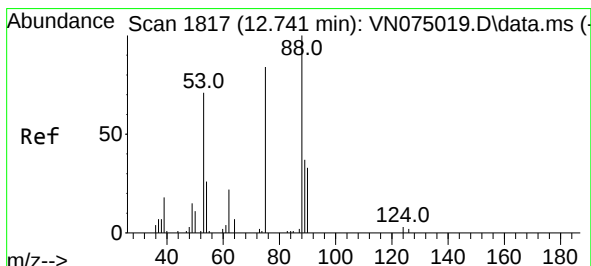
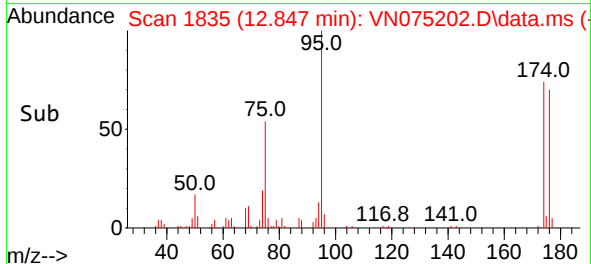
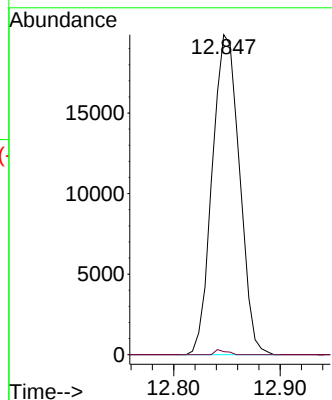
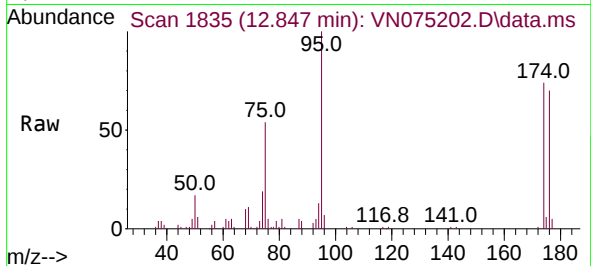




#76
1,2,3-Trichloropropane
Concen: 27.190 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

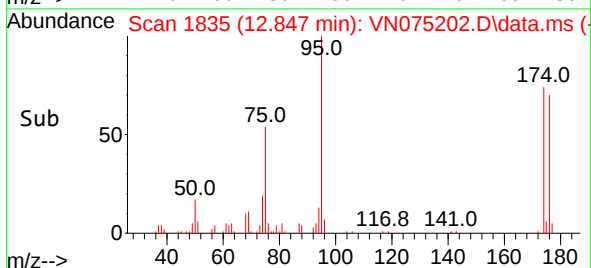
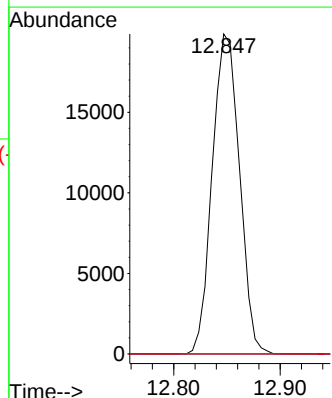
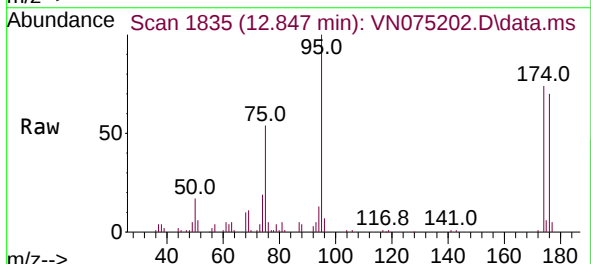
Instrument :
MSVOA_N
ClientSampleId :

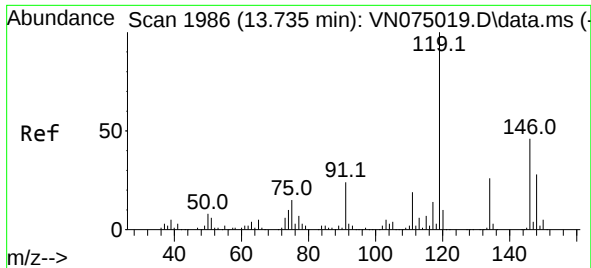
Tgt Ion: 75 Resp: 35305
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.796 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

Tgt Ion: 75 Resp: 35305
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

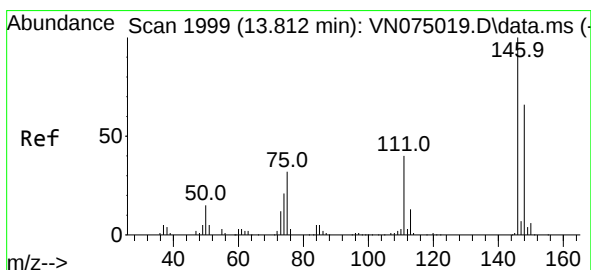
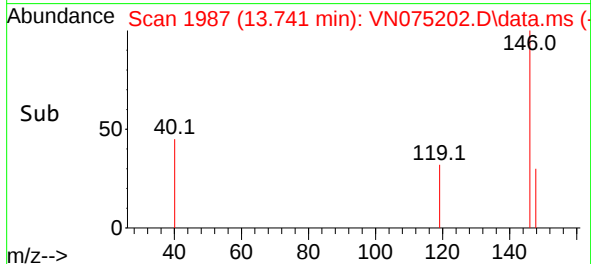
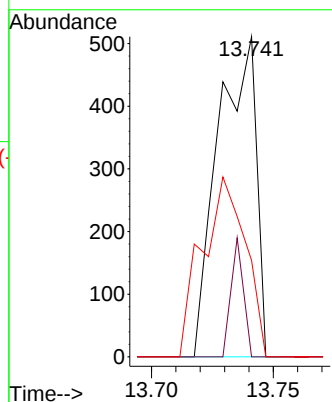
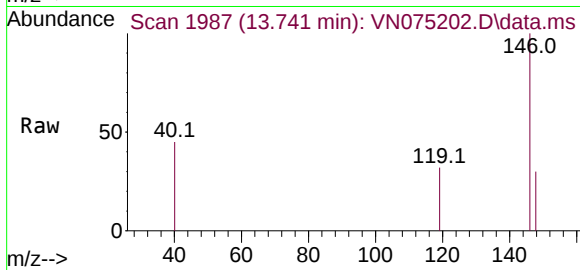




#87
 1,3-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 13.741 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075202.D
 Acq: 08 Nov 2022 11:19

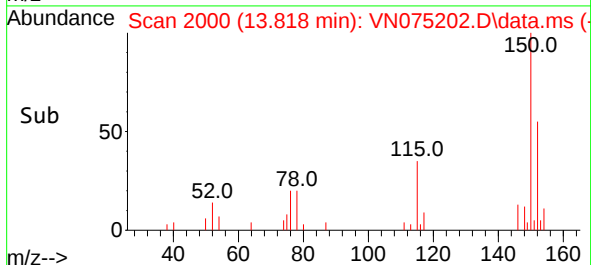
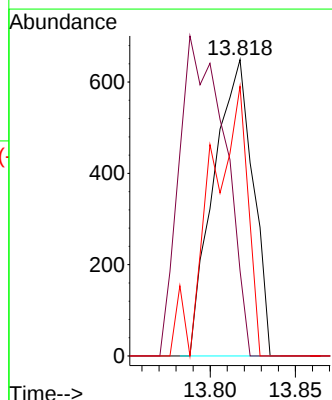
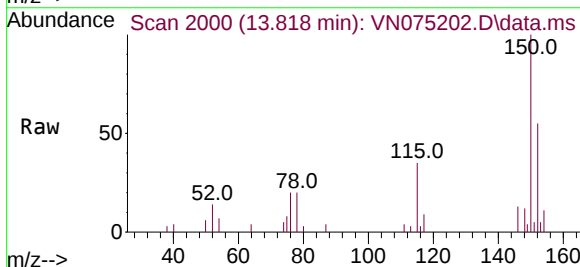
Instrument :
 MSVOA_N
 ClientSampleId :

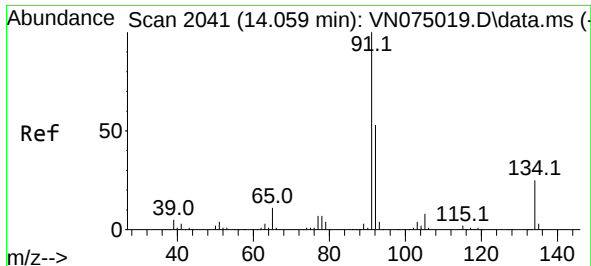
Tgt Ion:146 Resp: 555
 Ion Ratio Lower Upper
 146 100
 111 12.1 20.8 62.5#
 148 64.0 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 0.497 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075202.D
 Acq: 08 Nov 2022 11:19

Tgt Ion:146 Resp: 1041
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.3#
 148 85.5 31.9 95.7





#89

n-Butylbenzene

Concen: 0.220 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075202.D

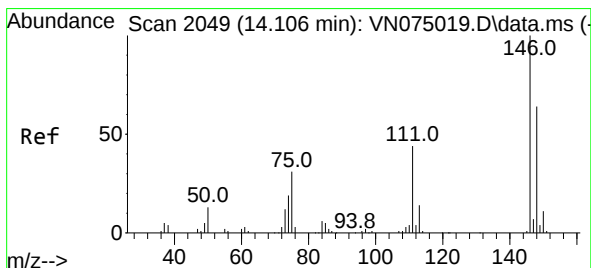
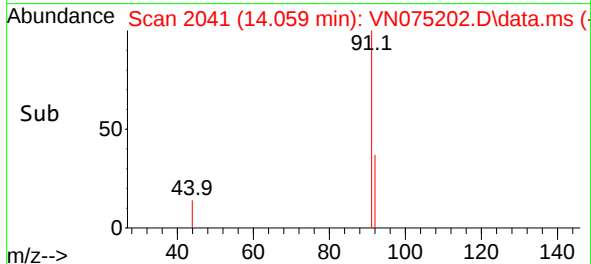
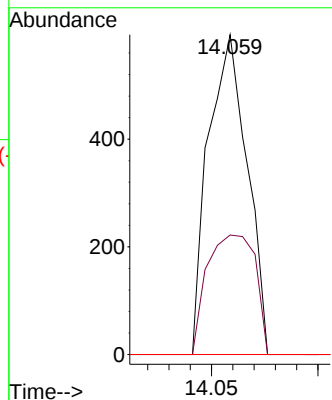
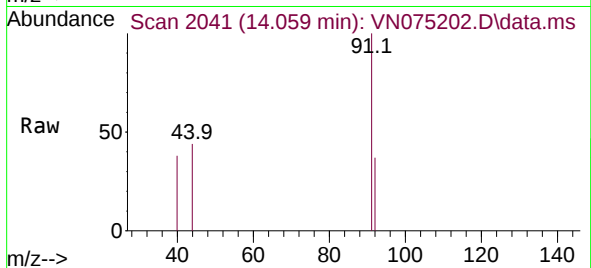
Acq: 08 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	750
Ion	Ratio	Lower	Upper
91	100		
92	46.5	26.5	79.4
134	0.0	13.0	39.0



#91

1,2-Dichlorobenzene

Concen: 0.232 ug/l

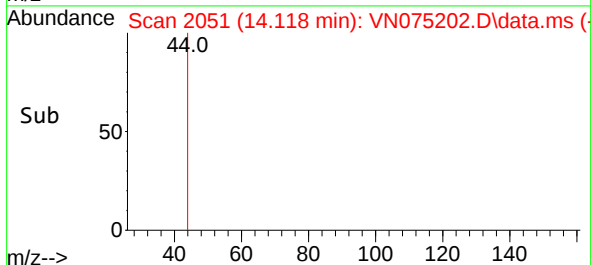
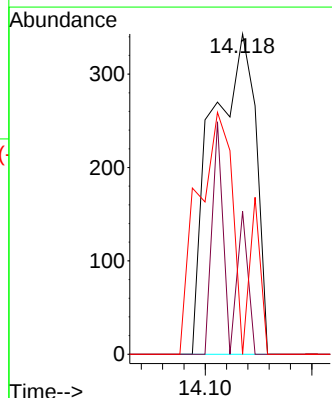
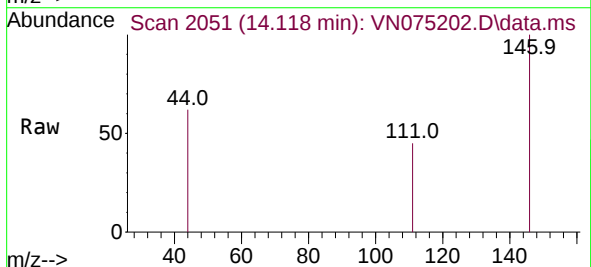
RT: 14.118 min Scan# 2051

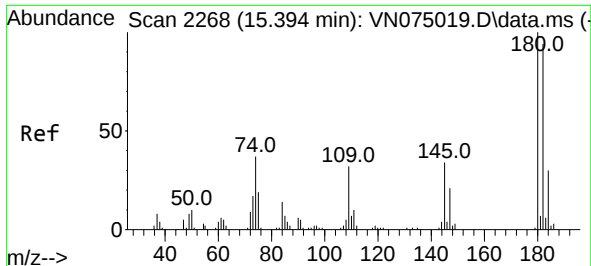
Delta R.T. 0.011 min

Lab File: VN075202.D

Acq: 08 Nov 2022 11:19

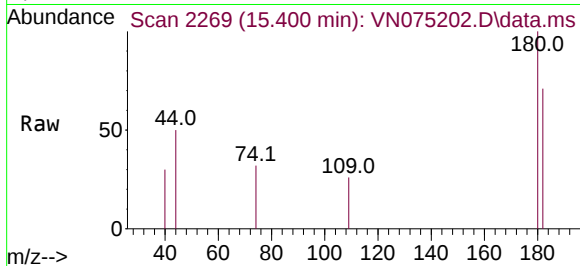
Tgt Ion:	146	Resp:	488
Ion	Ratio	Lower	Upper
146	100		
111	29.1	21.3	63.9
148	71.3	31.4	94.2



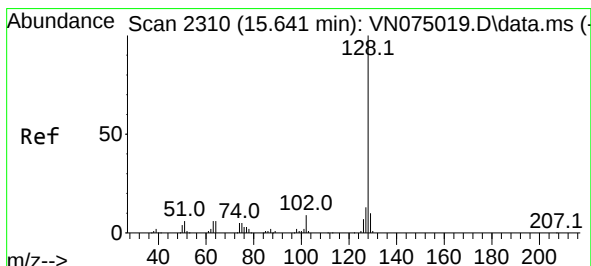
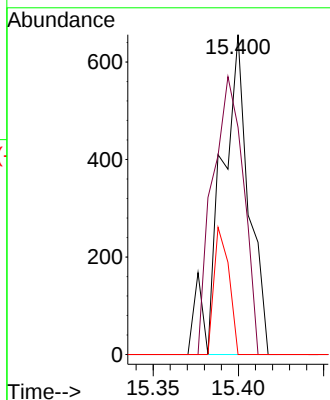
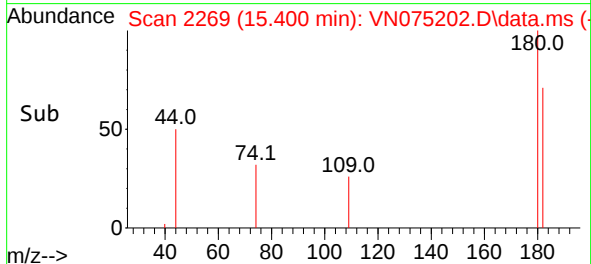


#93
1,2,4-Trichlorobenzene
Concen: 0.831 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19

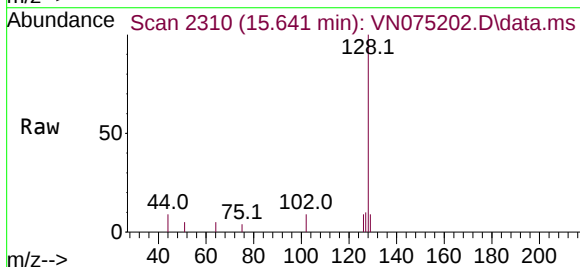
Instrument :
MSVOA_N
ClientSampleId :



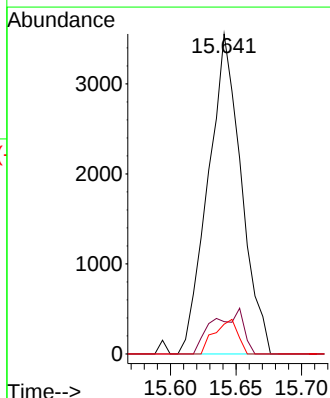
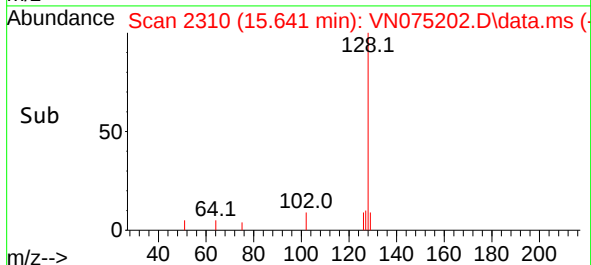
Tgt Ion:180 Resp: 752
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 21.1 16.8 50.3

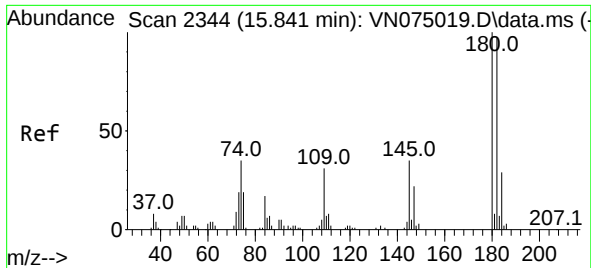


#95
Naphthalene
Concen: 1.793 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075202.D
Acq: 08 Nov 2022 11:19



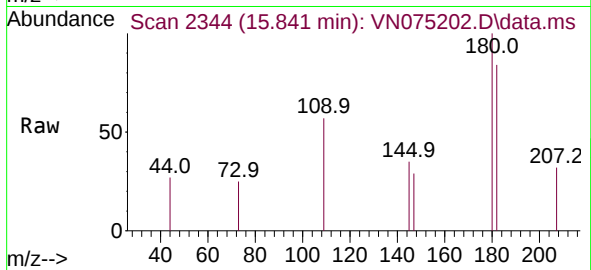
Tgt Ion:128 Resp: 6243
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 7.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.189 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075202.D
 Acq: 08 Nov 2022 11:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1070
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	32.1	17.6	52.9

