

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075033.D
 Acq On : 27 Oct 2022 11:28
 Operator : JC\MD
 Sample : VN1027WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 02:12:56 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)

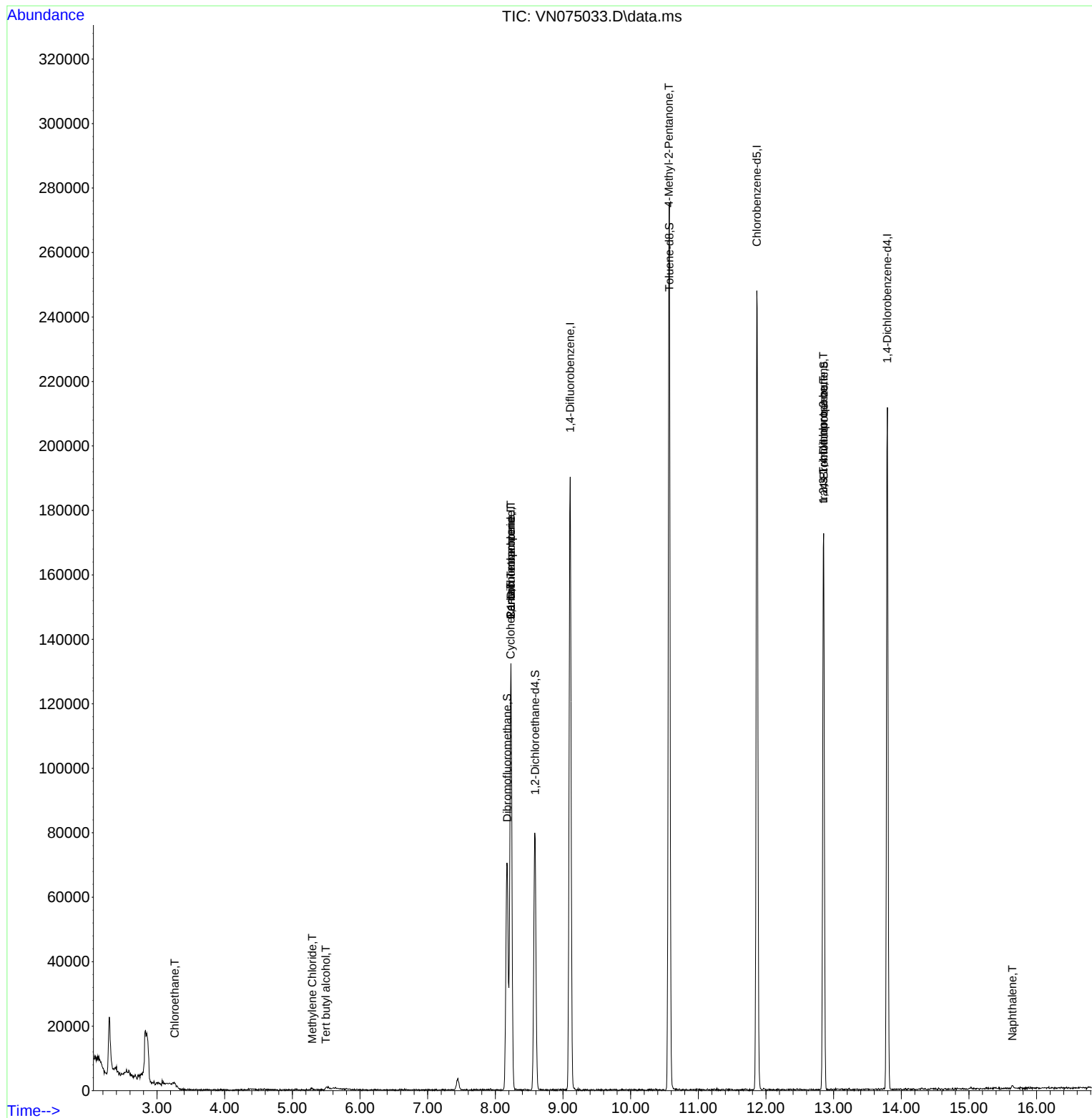
Internal Standards						
1) Pentafluorobenzene	8.230	168	91617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	168449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	141372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	65880	53.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.740%	
35) Dibromofluoromethane	8.177	113	51724	52.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.620%	
50) Toluene-d8	10.571	98	191143	49.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.853	95	60392	44.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	147	Below Cal	#	5
6) Chloroethane	3.259	64	693	0.535	ug/l #	45
11) Tert butyl alcohol	5.494	59	578	2.008	ug/l #	72
20) Methylene Chloride	5.294	84	422	0.362	ug/l #	39
31) Cyclohexane	8.224	56	2203	1.200	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	8235	5.379	ug/l #	48
38) Carbon Tetrachloride	8.230	117	9708	5.765	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	576	0.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	33089	28.736	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	33089	73.765	ug/l #	10
95) Naphthalene	15.641	128	1462	0.473	ug/l #	69

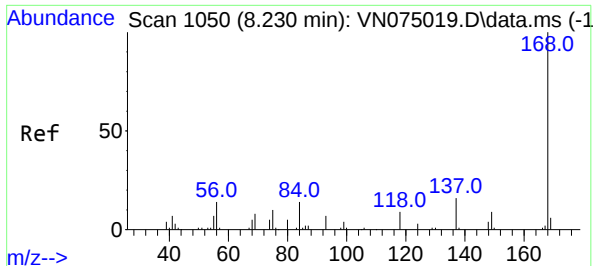
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
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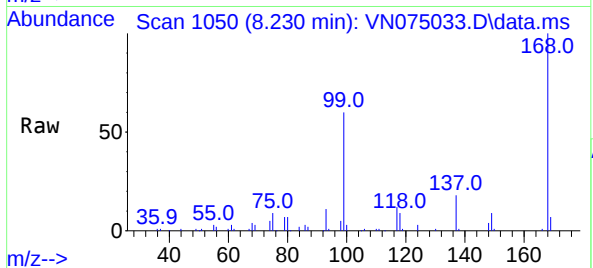
Quant Time: Oct 28 02:12:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



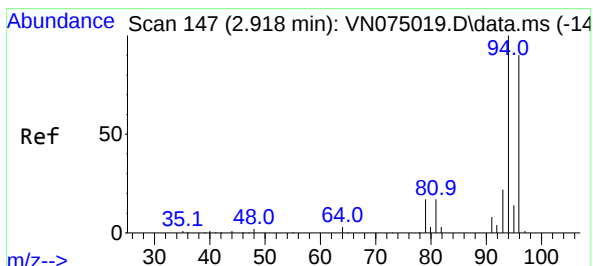
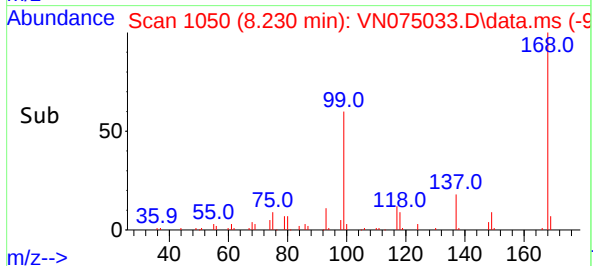
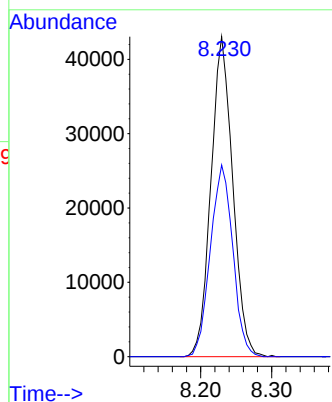


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :

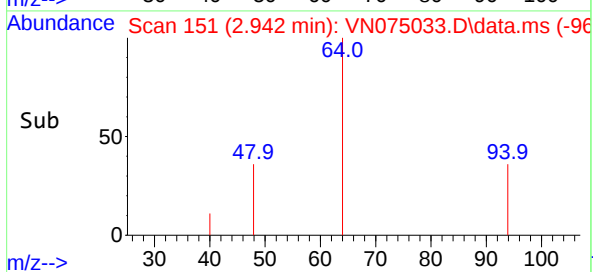
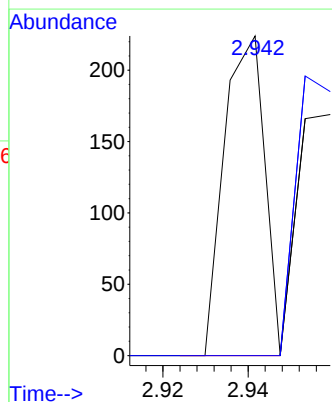
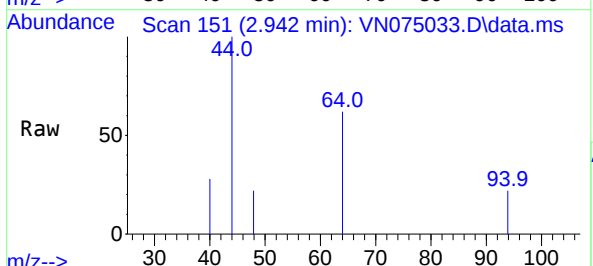


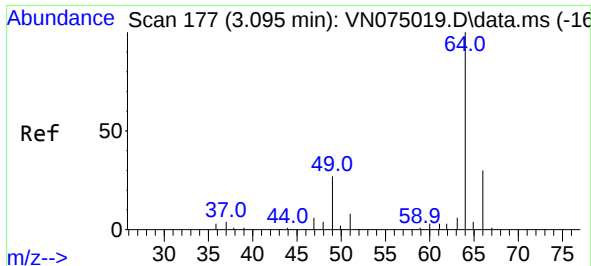
Tgt Ion:168 Resp: 91617
Ion Ratio Lower Upper
168 100
99 59.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

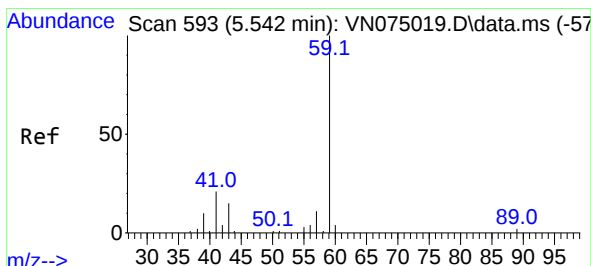
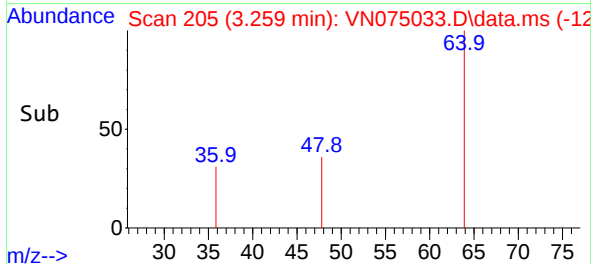
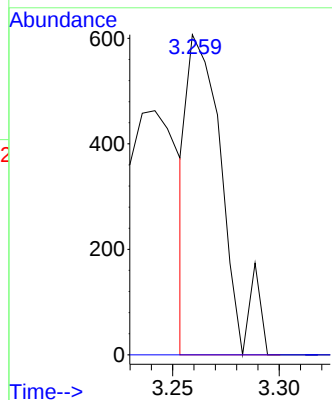
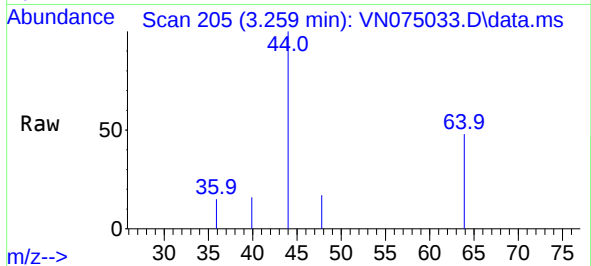




#6
Chloroethane
Concen: 0.535 ug/l
RT: 3.259 min Scan# 205
Delta R.T. 0.164 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

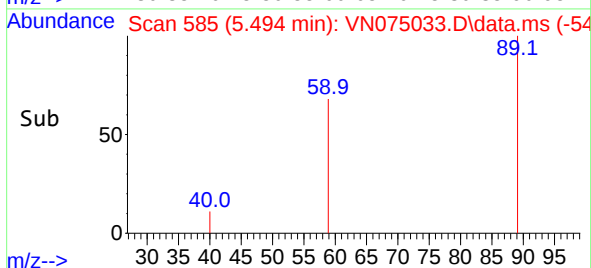
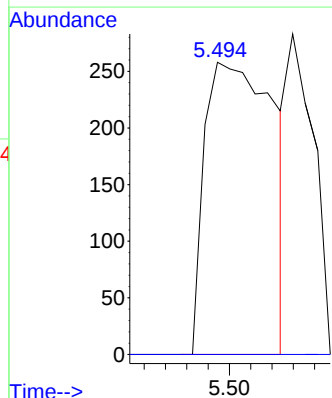
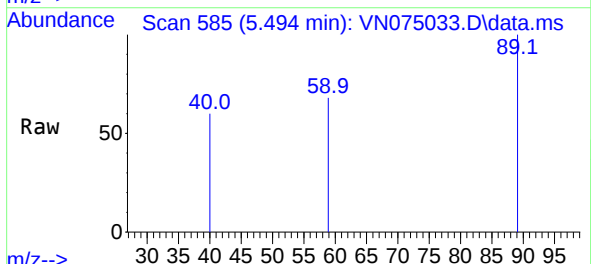
Instrument :
MSVOA_N
ClientSampleId :

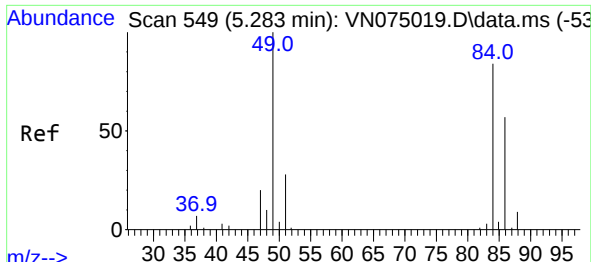
Tgt Ion: 64 Resp: 693
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 2.008 ug/l
RT: 5.494 min Scan# 585
Delta R.T. -0.048 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

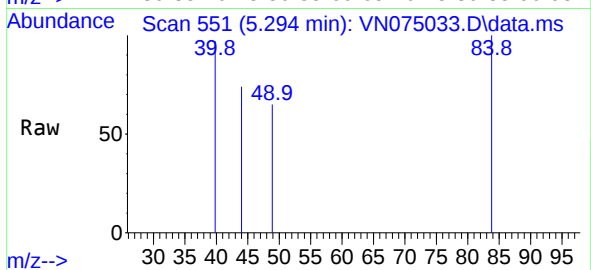
Tgt Ion: 59 Resp: 578
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





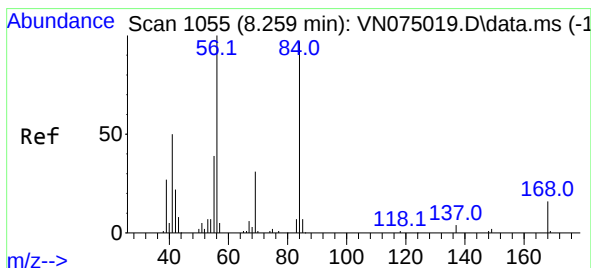
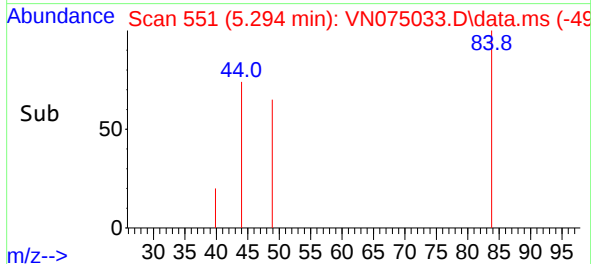
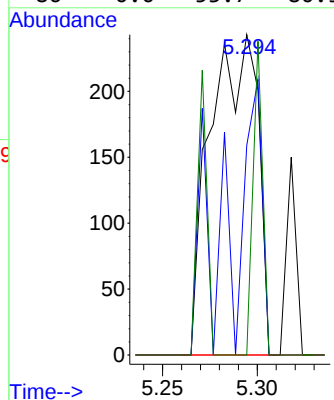
#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 422

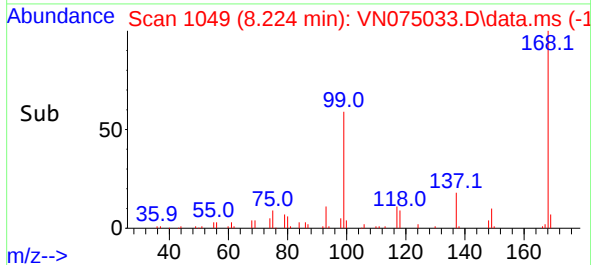
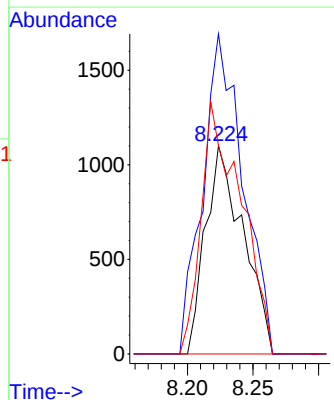
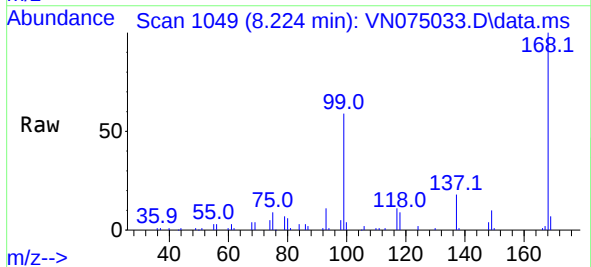
Ion	Ratio	Lower	Upper
84	100		
49	65.4	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#

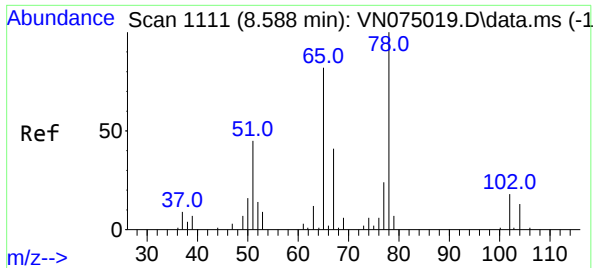


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Tgt Ion: 56 Resp: 2203

Ion	Ratio	Lower	Upper
56	100		
69	153.8	25.2	37.8#
84	100.3	77.8	116.8

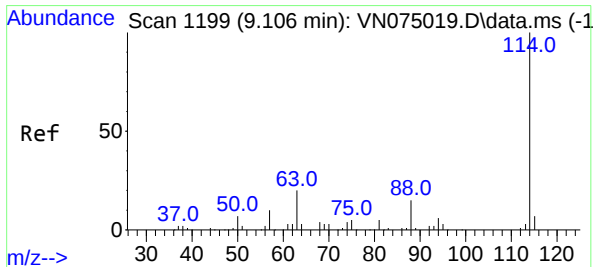
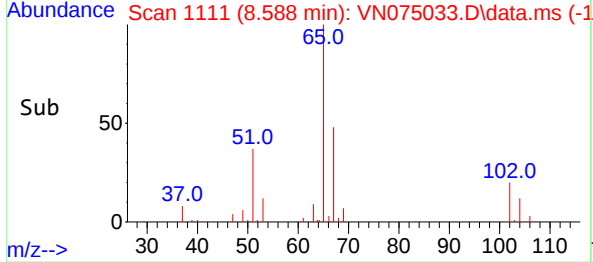
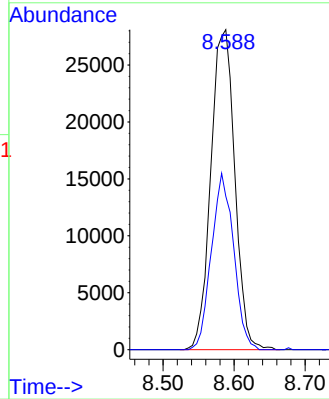
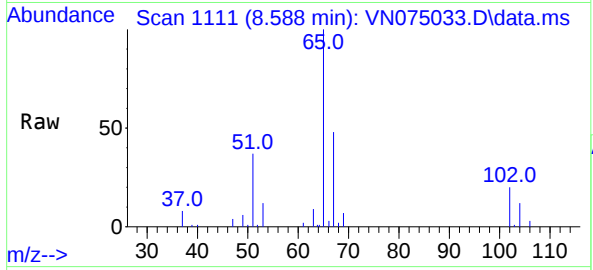




#33
1,2-Dichloroethane-d4
Concen: 53.369 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

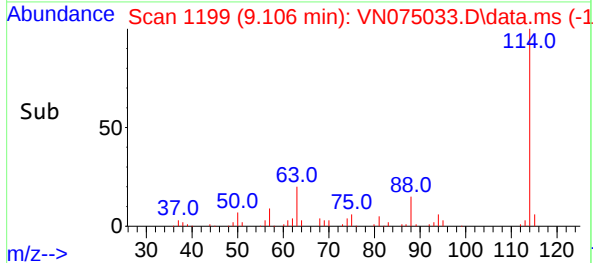
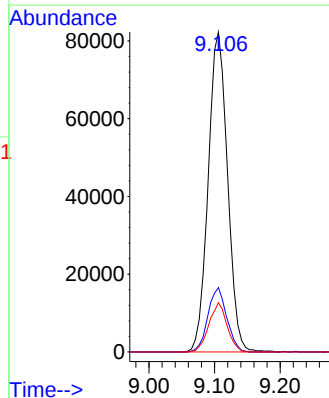
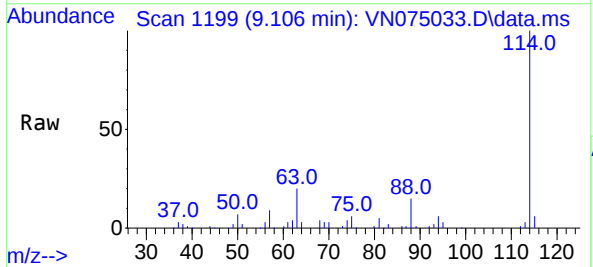
Instrument :
MSVOA_N
ClientSampleId :

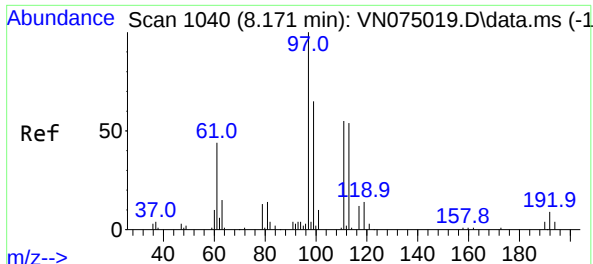
Tgt Ion: 65 Resp: 65880
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

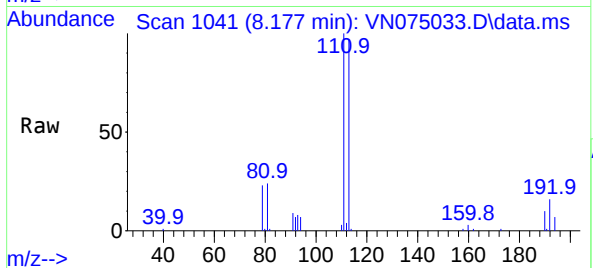
Tgt Ion: 114 Resp: 168449
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 15.4 0.0 29.0



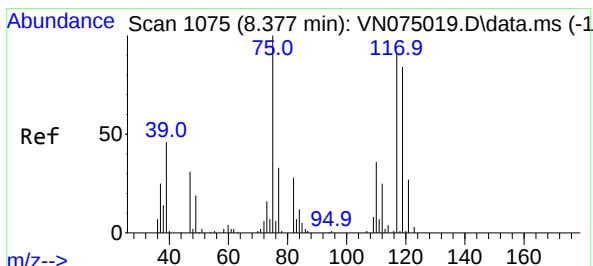
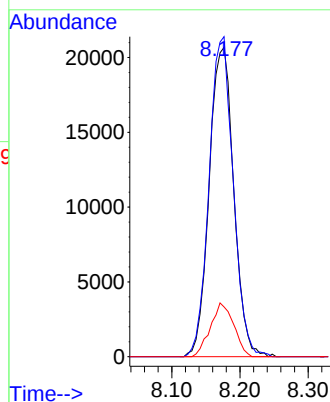
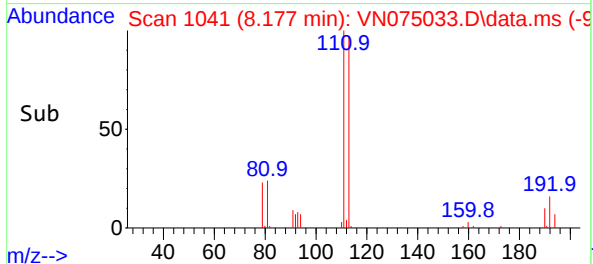


#35
Dibromofluoromethane
Concen: 52.306 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :

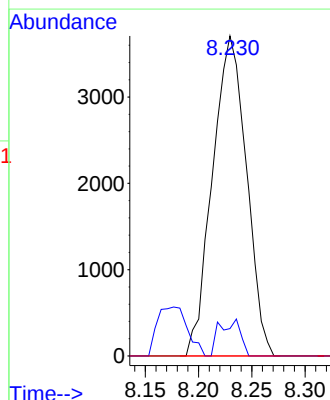
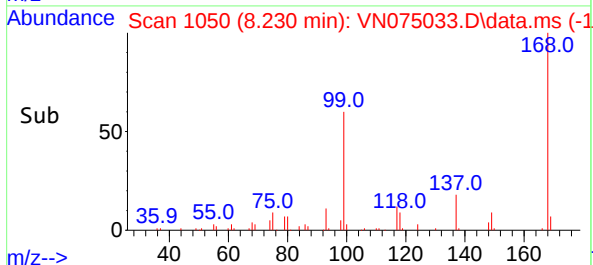
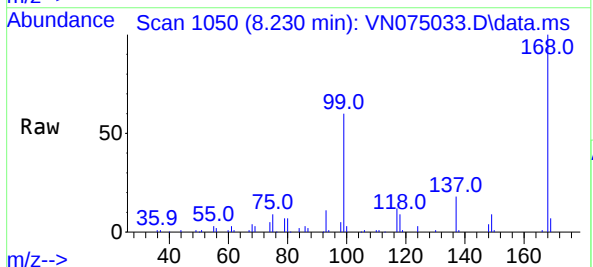


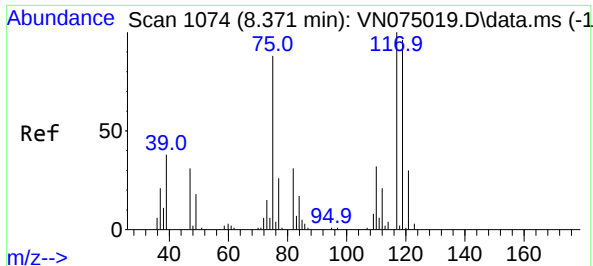
Tgt Ion:113 Resp: 51724
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 16.5 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

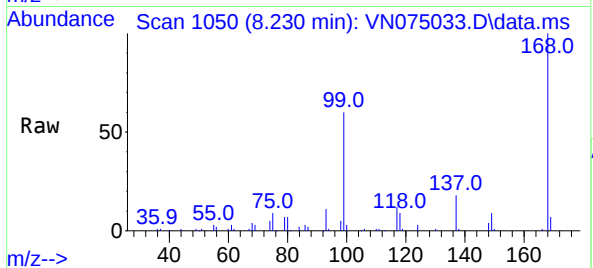
Tgt Ion: 75 Resp: 8235
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.3#
77 0.0 24.6 37.0#



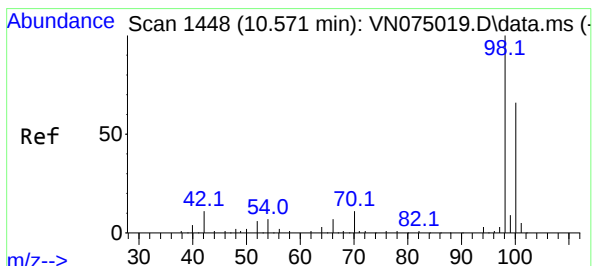
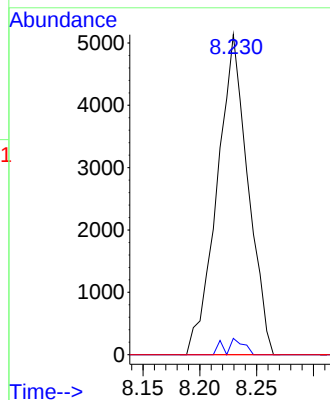
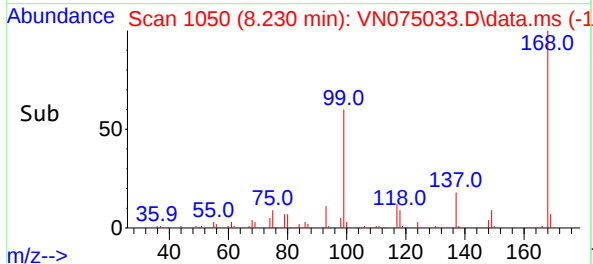


#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.141 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :

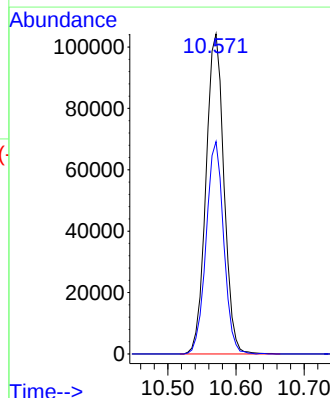
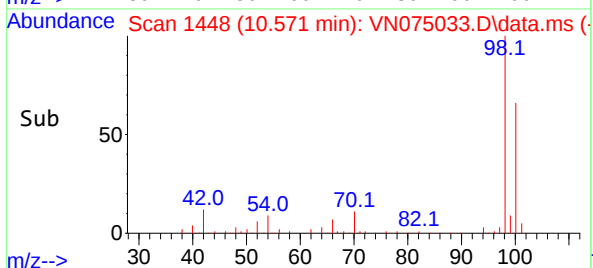
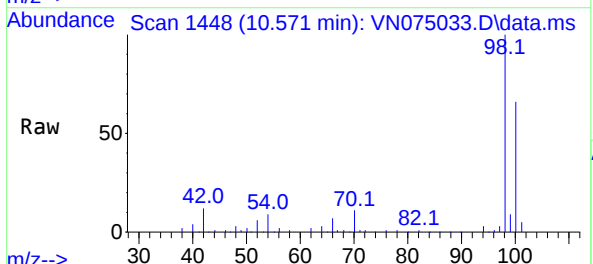


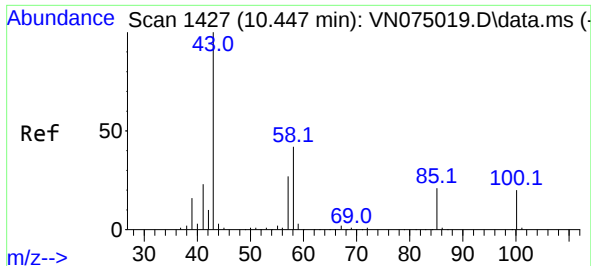
Tgt Ion:117 Resp: 9708
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.821 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Tgt Ion: 98 Resp: 191143
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.343 ug/l

RT: 10.565 min Scan# 1427

Delta R.T. 0.118 min

Lab File: VN075033.D

Acq: 27 Oct 2022 11:28

Instrument :

MSVOA_N

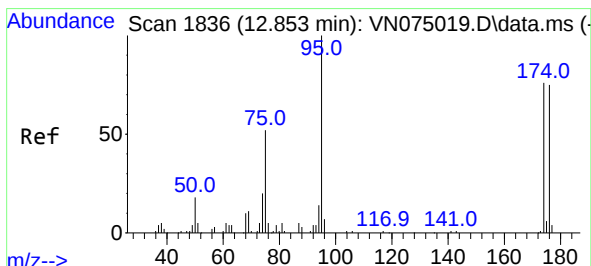
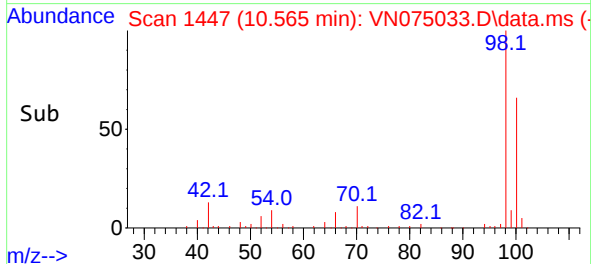
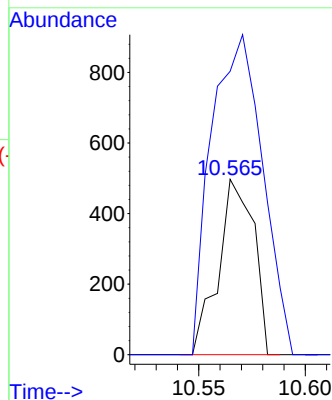
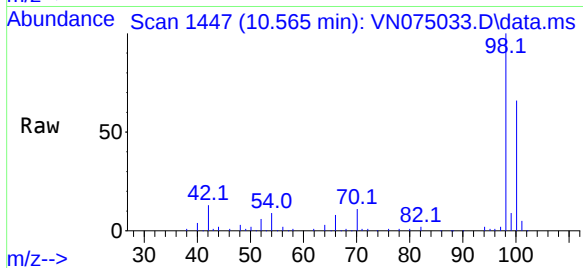
ClientSampleId :

Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

58 263.9 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 44.810 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075033.D

Acq: 27 Oct 2022 11:28

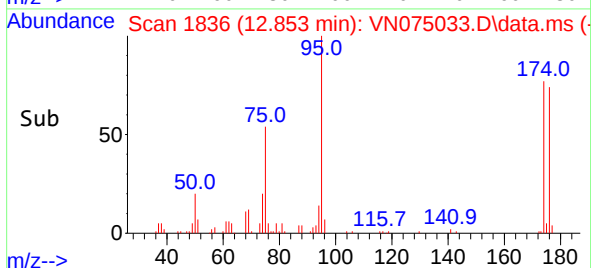
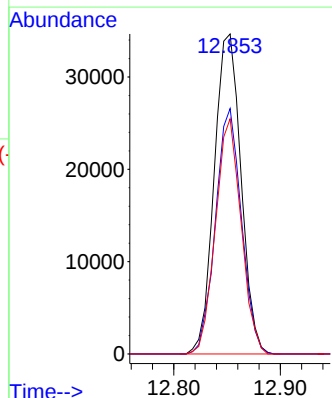
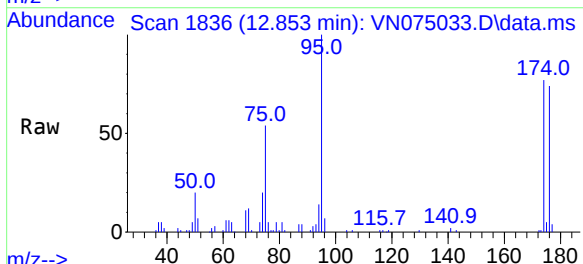
Tgt Ion: 95 Resp: 60392

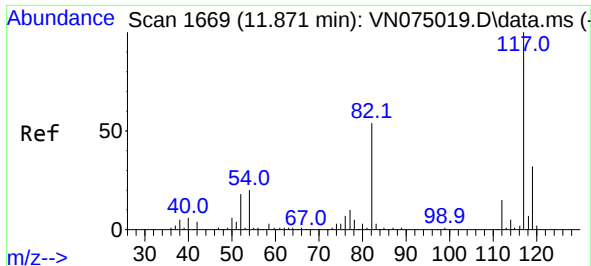
Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.4

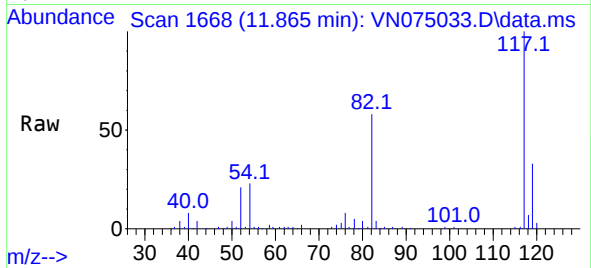
176 70.2 0.0 142.2



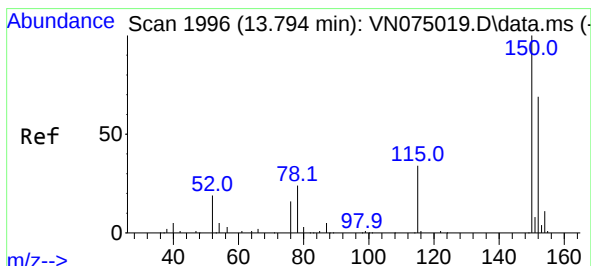
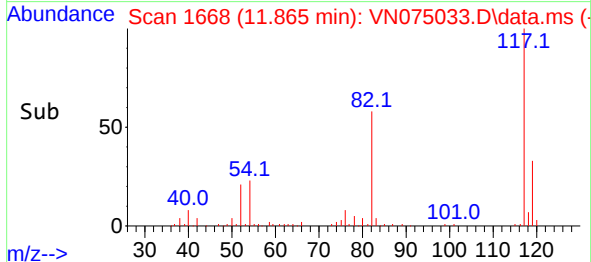
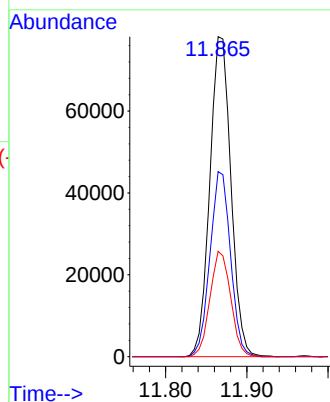


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :

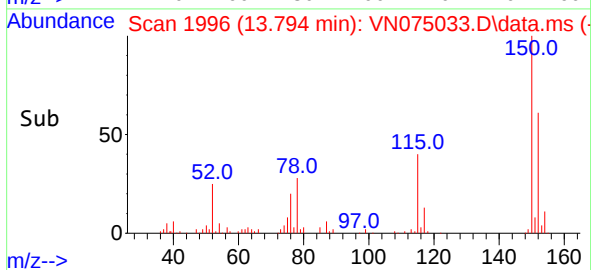
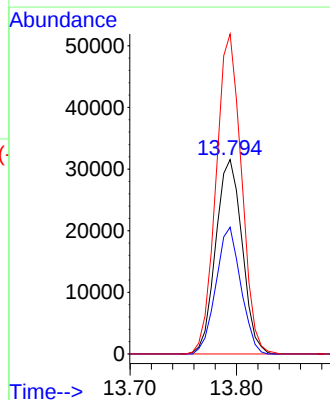
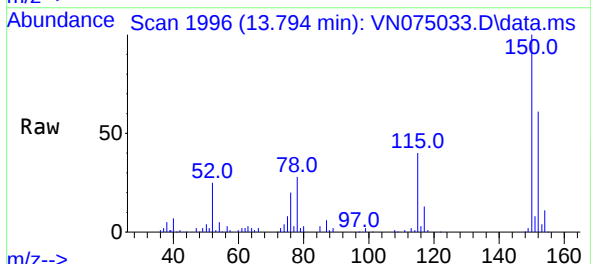


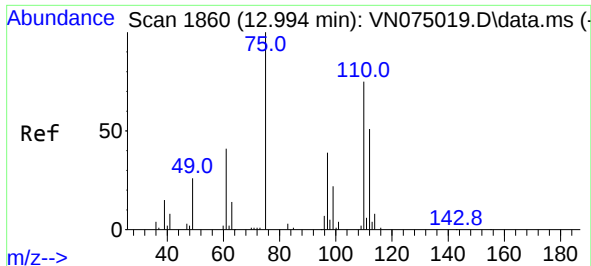
Tgt Ion:117 Resp: 141372
Ion Ratio Lower Upper
117 100
82 57.8 43.1 64.7
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Tgt Ion:152 Resp: 54232
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 158.4 0.0 348.4

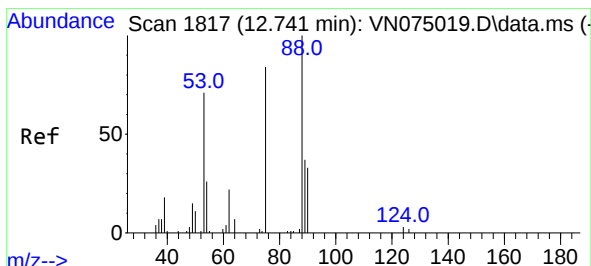
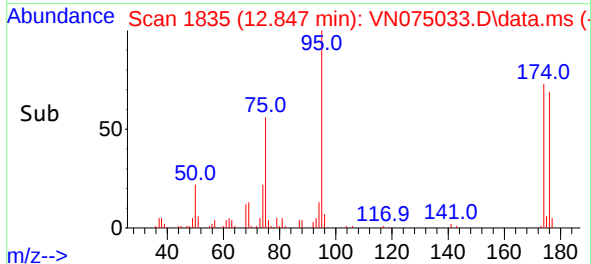
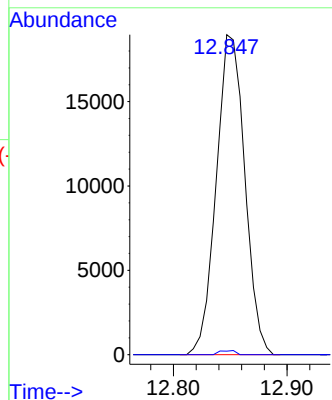
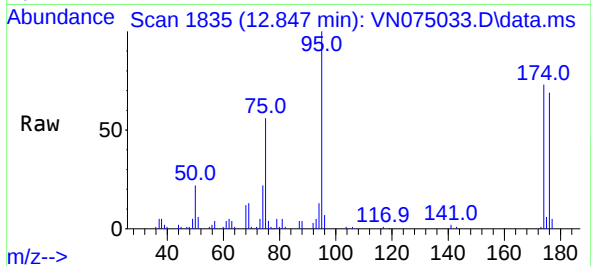




#76
1,2,3-Trichloropropane
Concen: 28.736 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

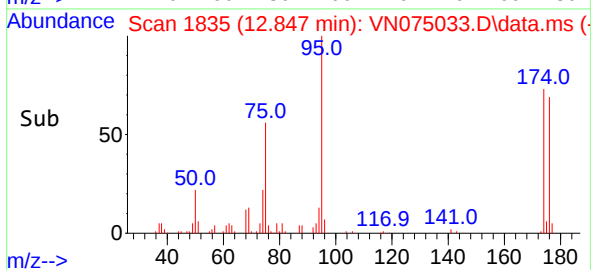
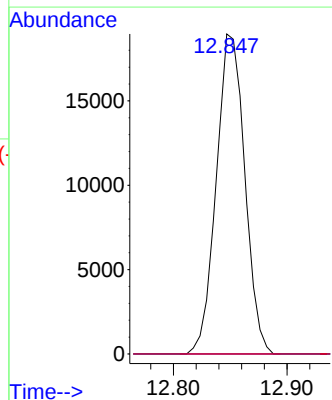
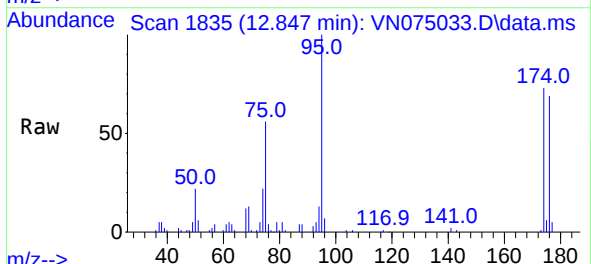
Instrument :
MSVOA_N
ClientSampleId :

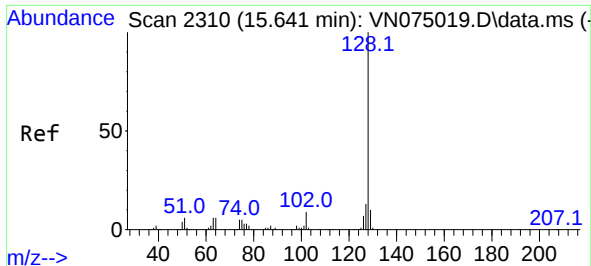
Tgt Ion: 75 Resp: 33089
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.765 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075033.D
Acq: 27 Oct 2022 11:28

Tgt Ion: 75 Resp: 33089
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.473 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

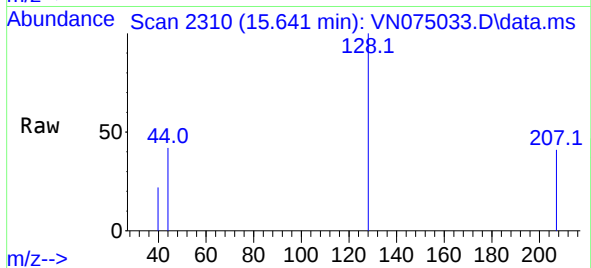
Lab File: VN075033.D

Acq: 27 Oct 2022 11:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1462

Ion	Ratio	Lower	Upper
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128	100		
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127	0.0	10.4	15.6#
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129	0.0	8.6	12.8#
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