

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071750.D
 Acq On : 01 Apr 2022 14:07
 Operator : JC\MD
 Sample : N2075-08DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20220322DL

Quant Time: Apr 02 00:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

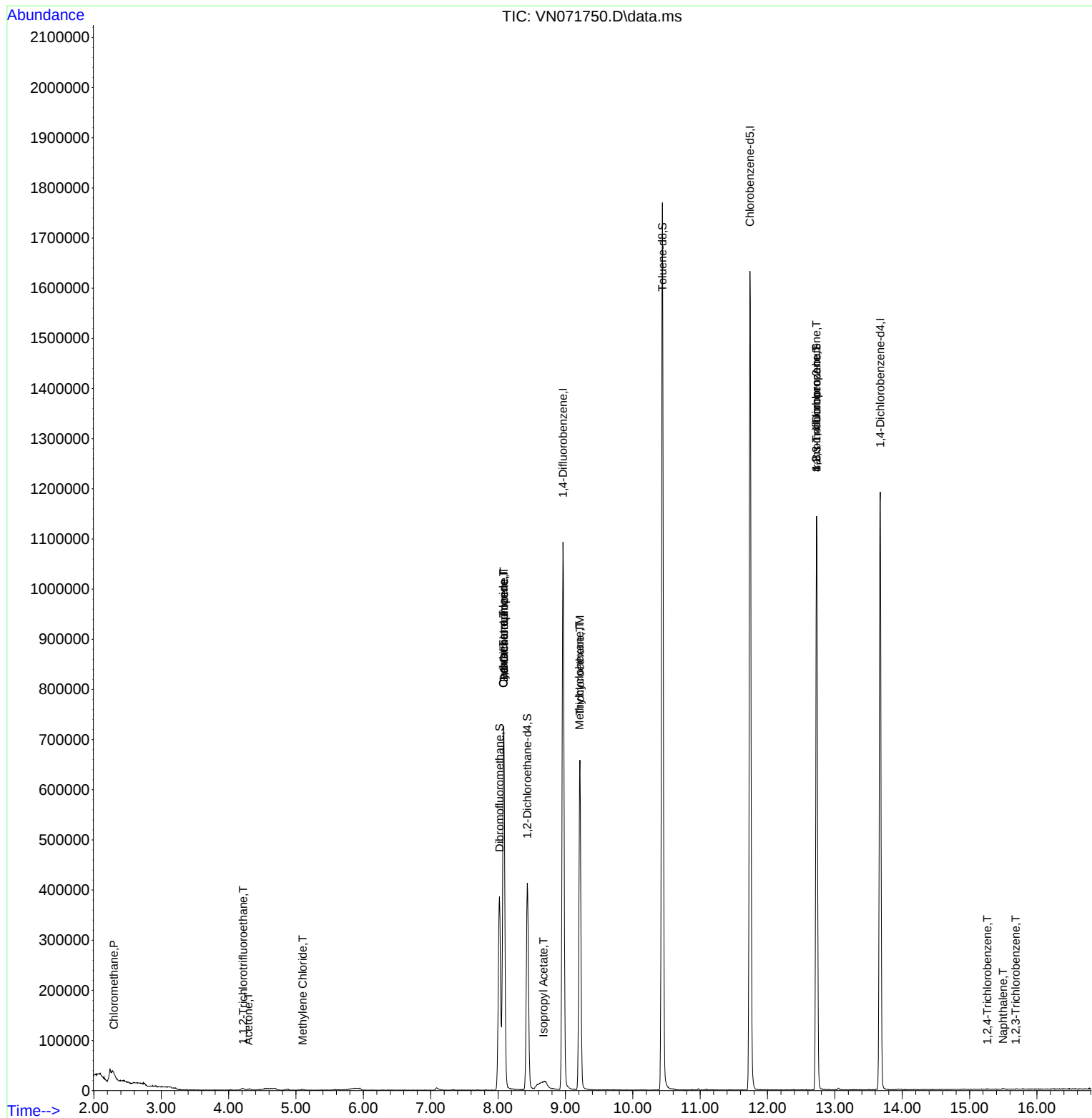
Internal Standards						
1) Pentafluorobenzene	8.087	168	596346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1009434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1012963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	357708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	341496	50.161	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.320%		
35) Dibromofluoromethane	8.022	113	288718	48.606	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.220%		
50) Toluene-d8	10.439	98	1267115	52.147	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.300%		
62) 4-Bromofluorobenzene	12.727	95	411976	52.423	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 104.840%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	1620	0.270	ug/l #	87
9) 1,1,2-Trichlorotrifluo...	4.216	101	2309	0.446	ug/l #	87
16) Acetone	4.293	43	1120	0.385	ug/l #	42
18) Methyl Acetate	4.869	43	4396	Below Cal	#	70
20) Methylene Chloride	5.098	84	1380	0.225	ug/l #	65
31) Cyclohexane	8.081	56	10329	1.116	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	41866	5.047	ug/l #	49
38) Carbon Tetrachloride	8.081	117	55140	6.783	ug/l #	17
39) Methylcyclohexane	9.210	83	2903	0.294	ug/l #	1
43) Isopropyl Acetate	8.675	43	53662	3.553	ug/l #	53
44) Trichloroethene	9.216	130	256119	37.939	ug/l	95
76) 1,2,3-Trichloropropane	12.727	75	204059	24.625	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	204059	76.313	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	636	2.193	ug/l #	80
95) Naphthalene	15.498	128	1708	3.900	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.686	180	142	2.439	ug/l #	17

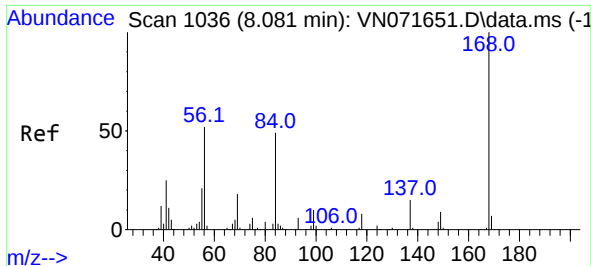
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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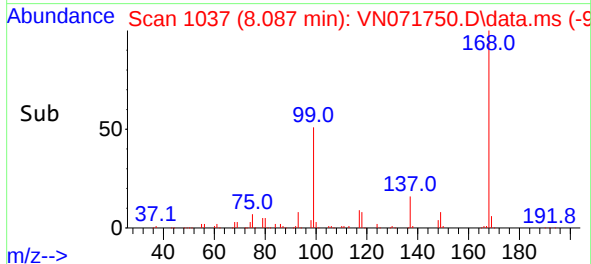
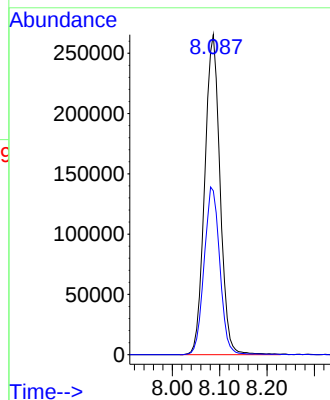
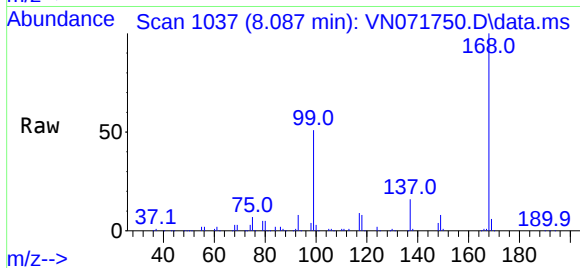




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

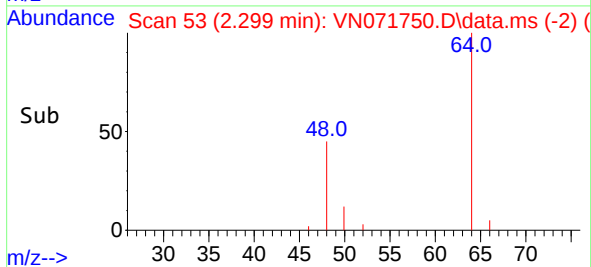
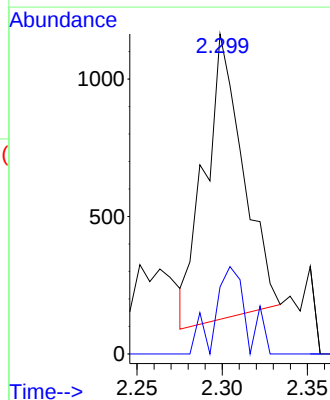
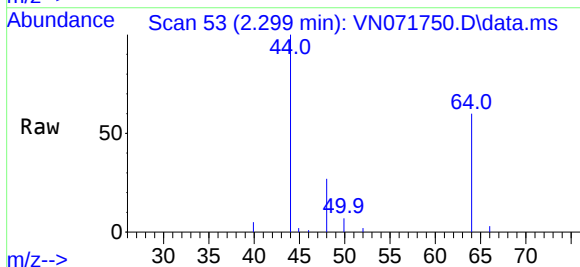
Instrument :
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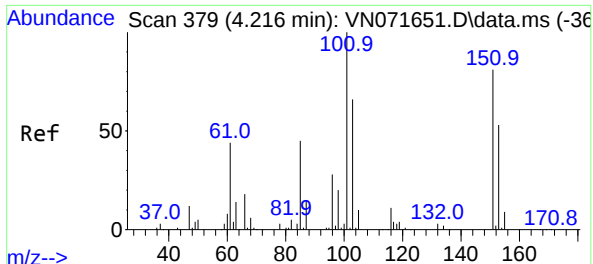
Tgt Ion:168 Resp: 596346
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 50 Resp: 1620
Ion Ratio Lower Upper
50 100
52 24.8 25.7 38.5#

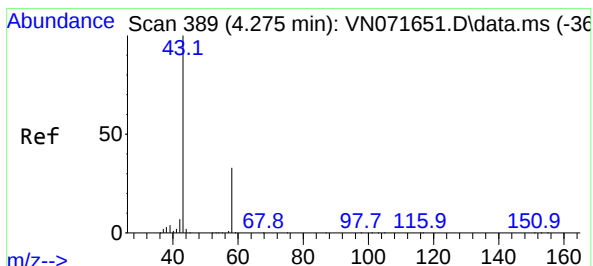
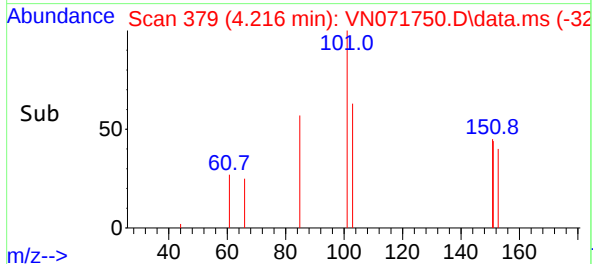
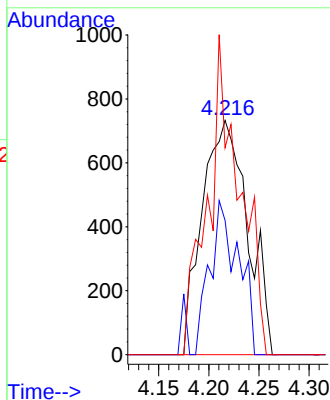
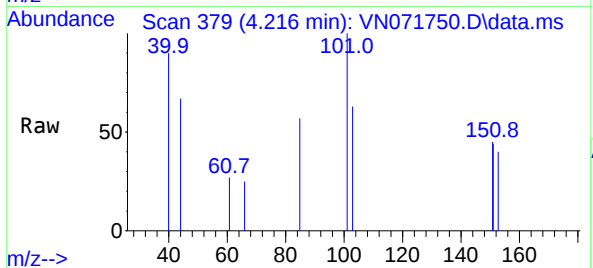




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.446 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

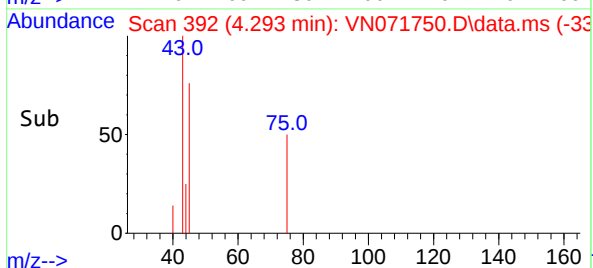
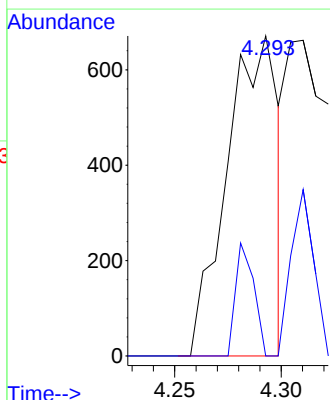
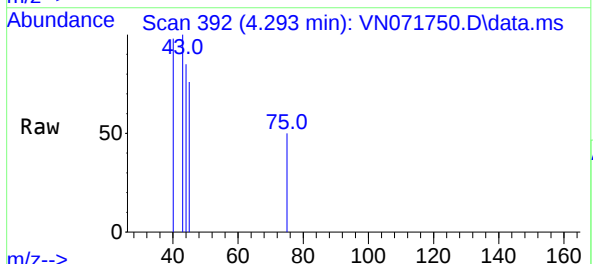
Instrument :
MSVOA_N
ClientSampleId :
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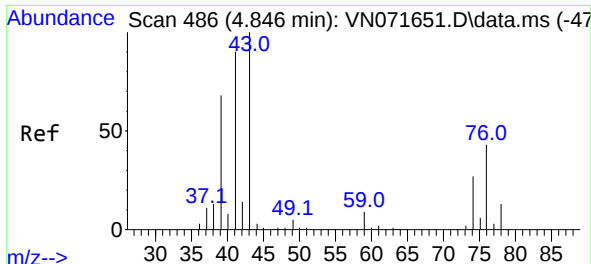
Tgt Ion:101 Resp: 2309
Ion Ratio Lower Upper
101 100
85 41.9 34.7 52.1
151 95.6 63.0 94.4#



#16
Acetone
Concen: 0.385 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

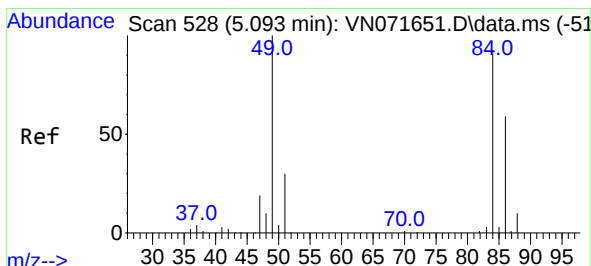
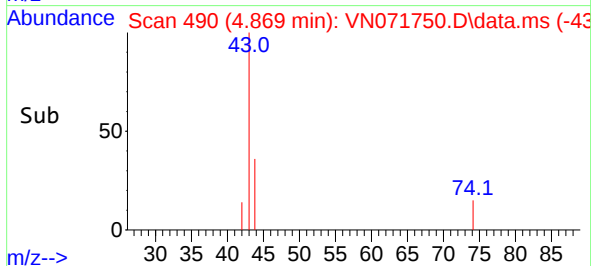
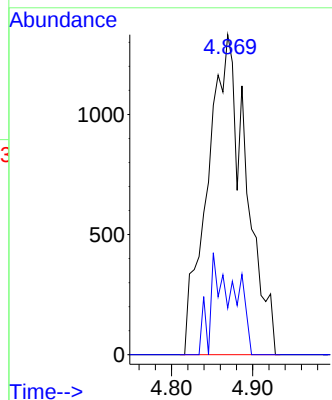
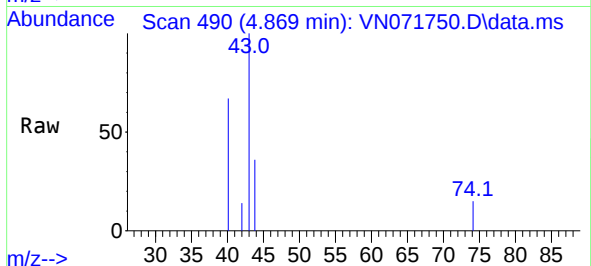




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

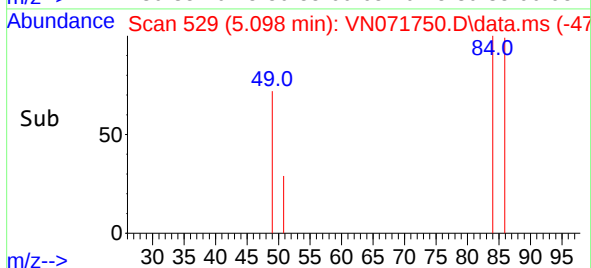
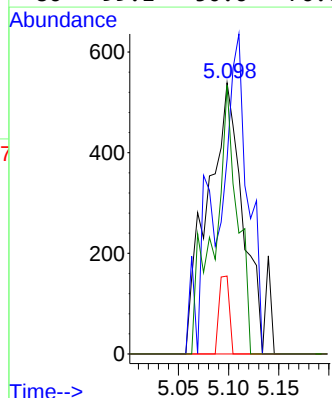
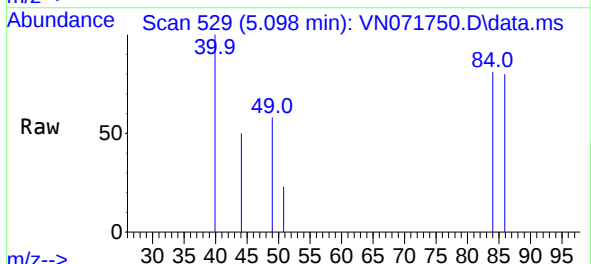
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL

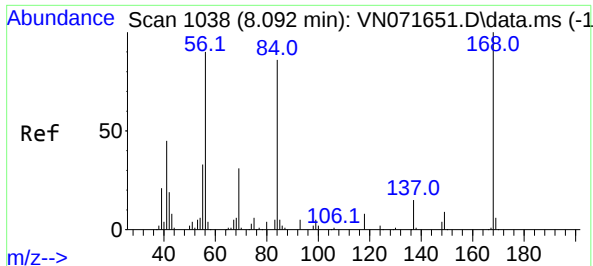
Tgt Ion: 43 Resp: 4396
Ion Ratio Lower Upper
43 100
74 11.5 21.6 32.4#



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 84 Resp: 1380
Ion Ratio Lower Upper
84 100
49 71.8 88.3 132.5#
51 28.8 28.2 42.2
86 99.1 50.6 76.0#





#31

Cyclohexane

Concen: 1.116 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071750.D

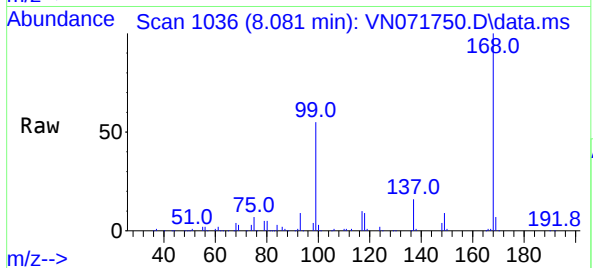
Acq: 01 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

RE137-20220322DL



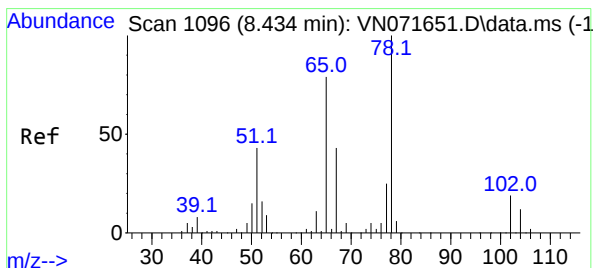
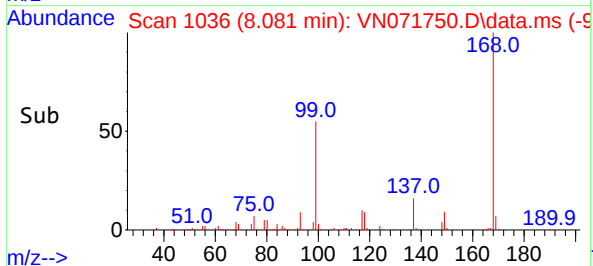
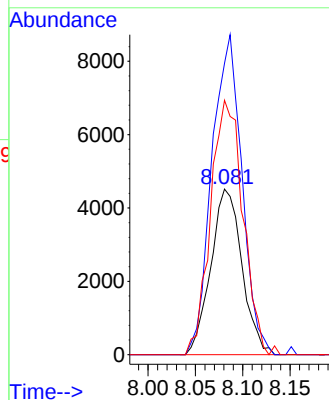
Tgt Ion: 56 Resp: 10329

Ion Ratio Lower Upper

56 100

69 176.0 27.8 41.8#

84 153.7 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.161 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071750.D

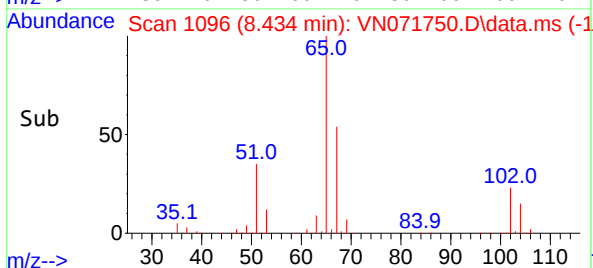
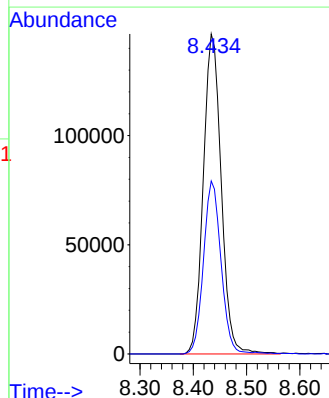
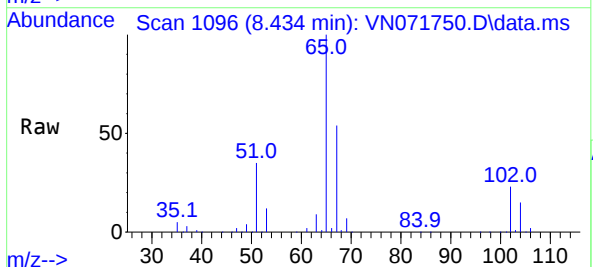
Acq: 01 Apr 2022 14:07

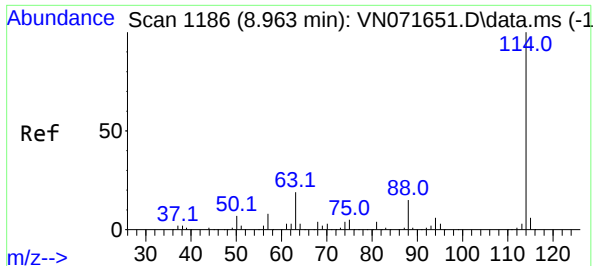
Tgt Ion: 65 Resp: 341496

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8

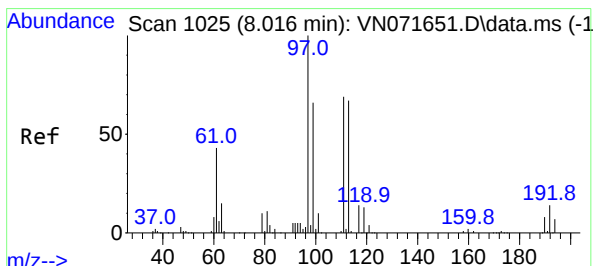
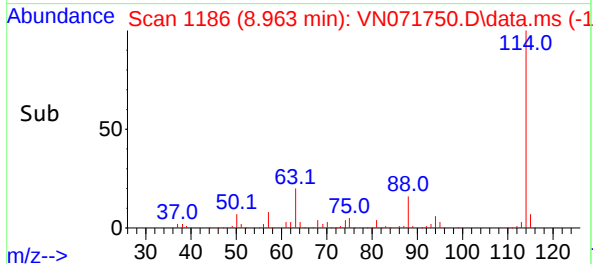
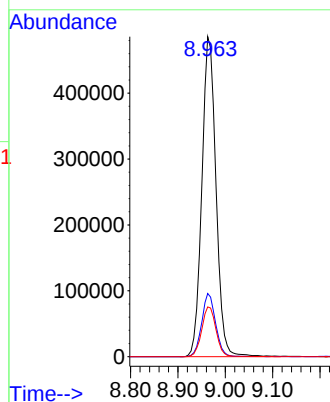
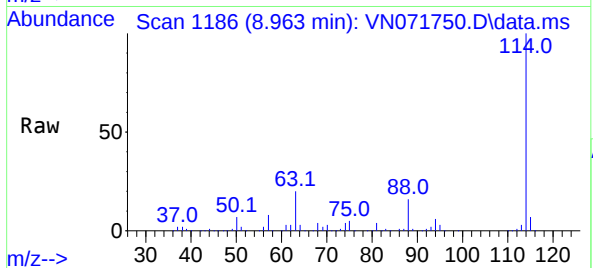




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

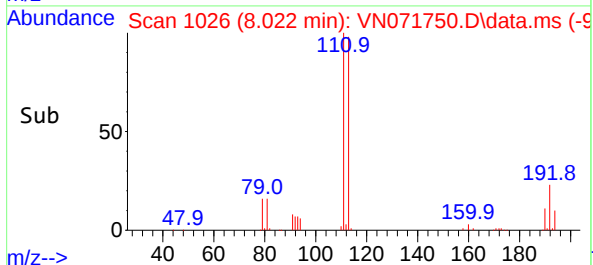
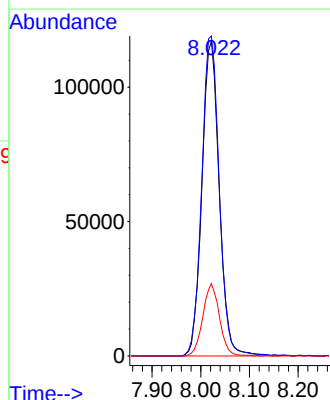
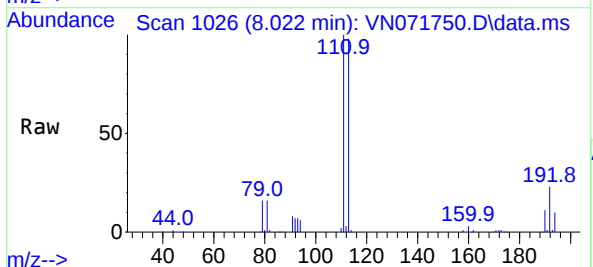
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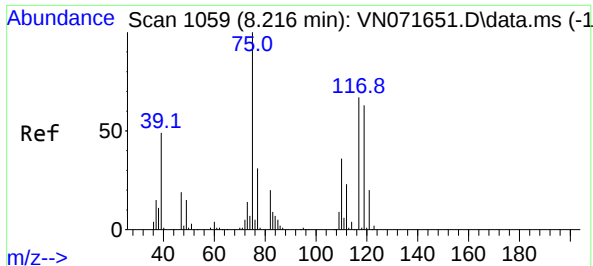
Tgt Ion:114 Resp: 1009434
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.606 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion:113 Resp: 288718
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.1 17.0 25.6

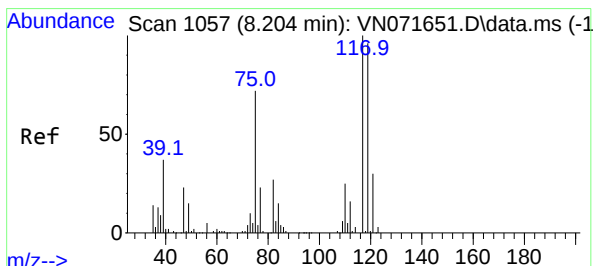
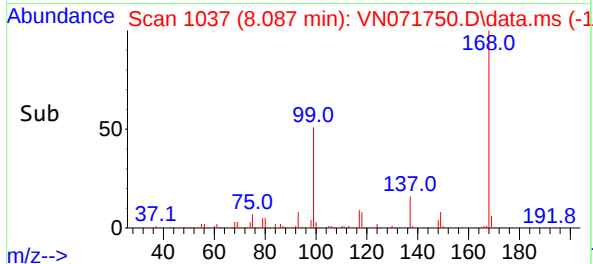
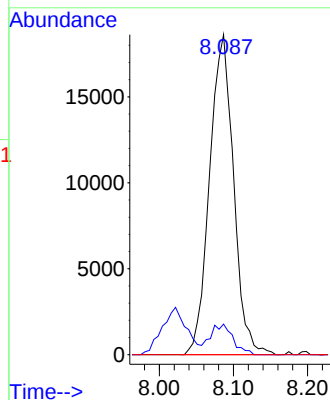
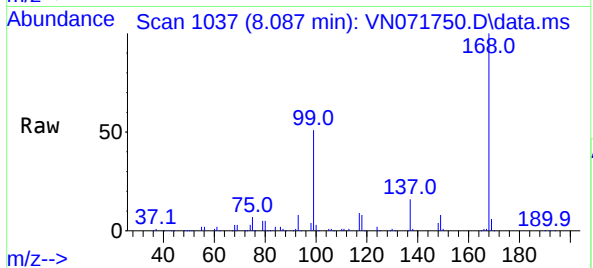




#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

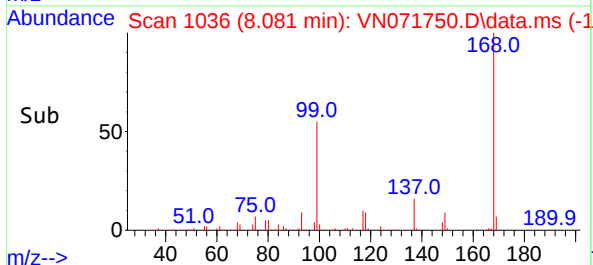
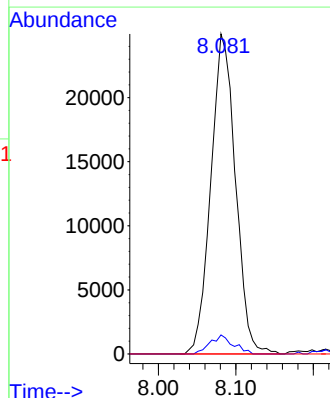
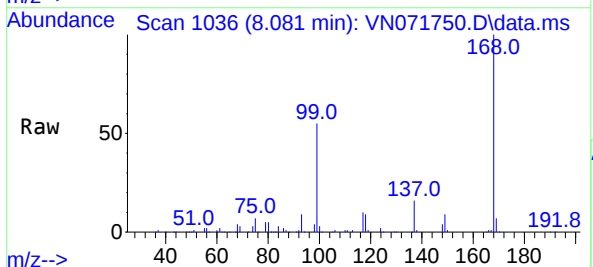
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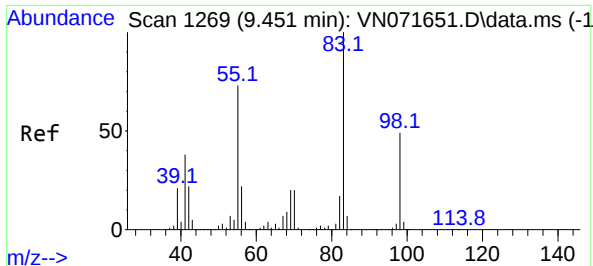
Tgt Ion: 75 Resp: 41866
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 117 Resp: 55140
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.294 ug/l

RT: 9.210 min Scan# 1137

Delta R.T. -0.241 min

Lab File: VN071750.D

Acq: 01 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

RE137-20220322DL

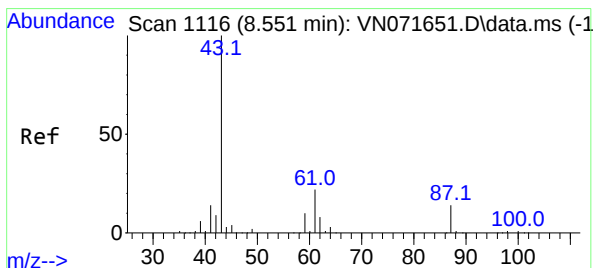
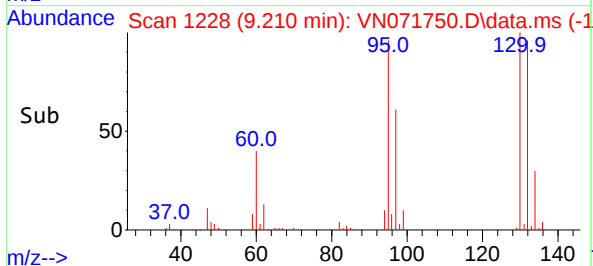
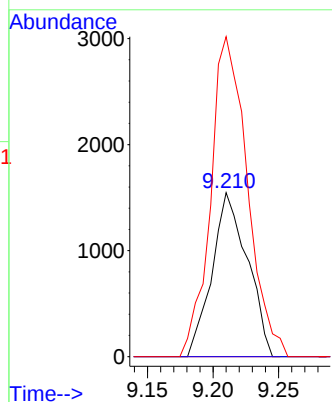
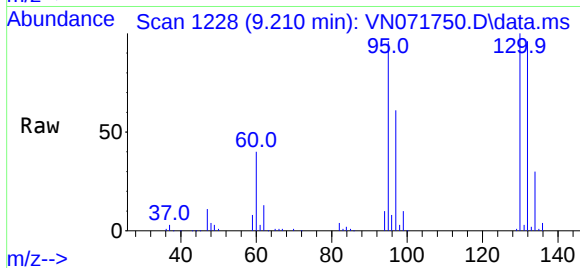
Tgt Ion: 83 Resp: 2903

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 195.2 39.4 59.2#



#43

Isopropyl Acetate

Concen: 3.553 ug/l

RT: 8.675 min Scan# 1137

Delta R.T. 0.124 min

Lab File: VN071750.D

Acq: 01 Apr 2022 14:07

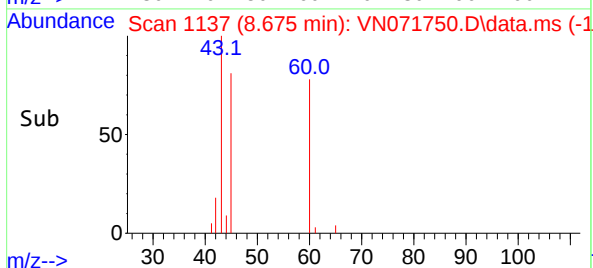
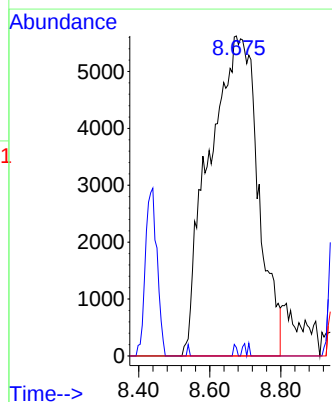
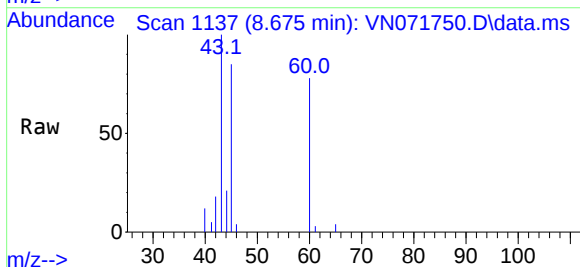
Tgt Ion: 43 Resp: 53662

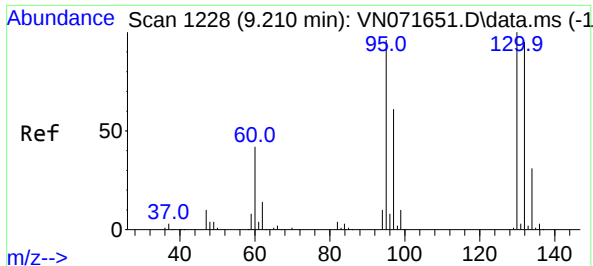
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

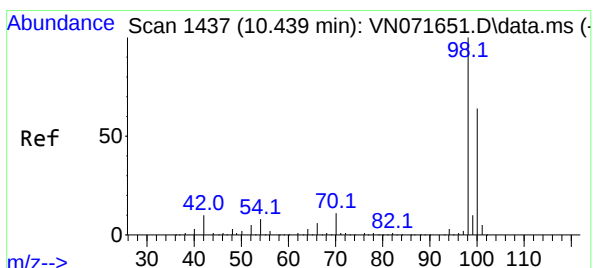
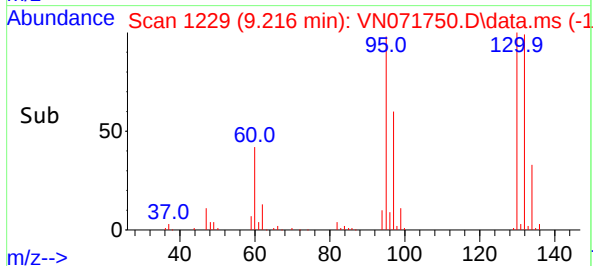
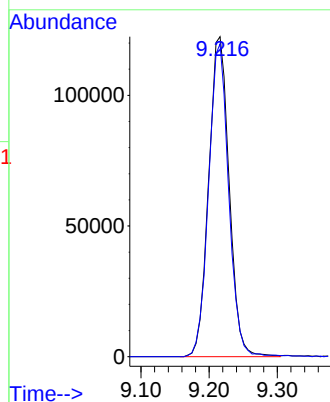
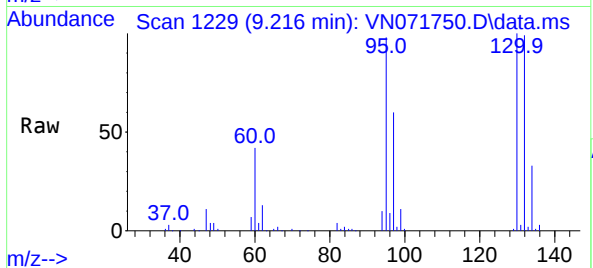




#44
Trichloroethene
Concen: 37.939 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

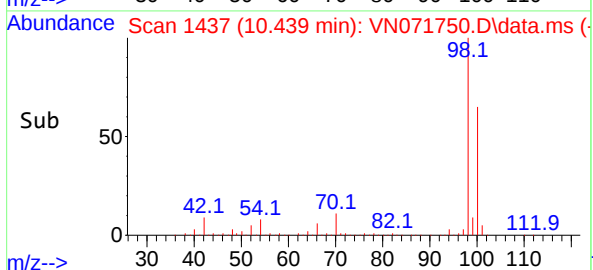
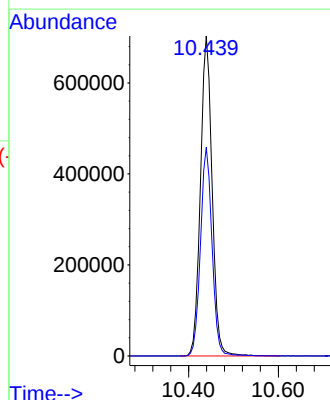
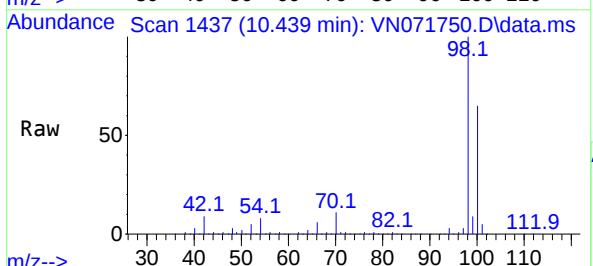
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL

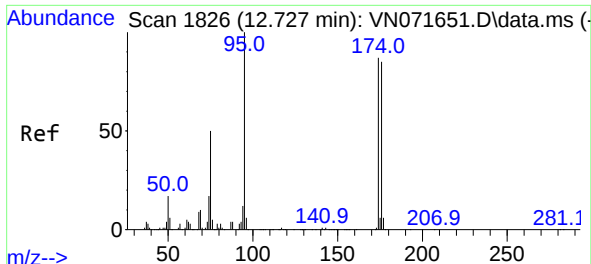
Tgt Ion:130 Resp: 256119
Ion Ratio Lower Upper
130 100
95 97.7 0.0 186.8



#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

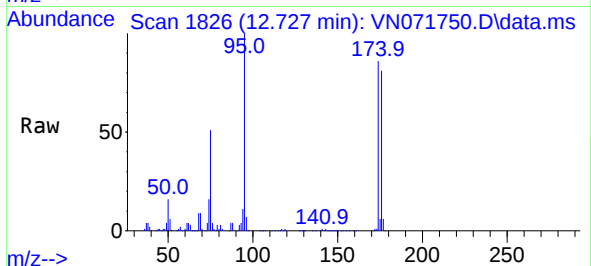
Tgt Ion: 98 Resp: 1267115
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





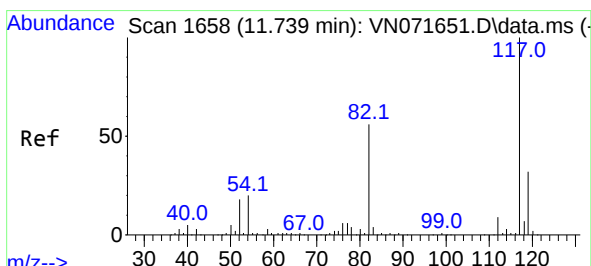
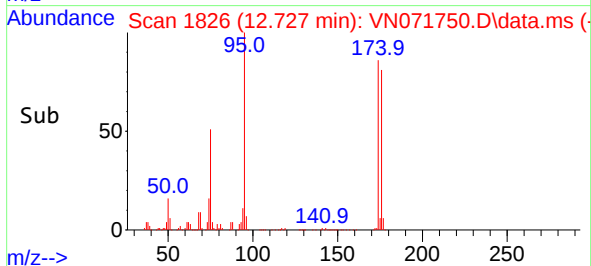
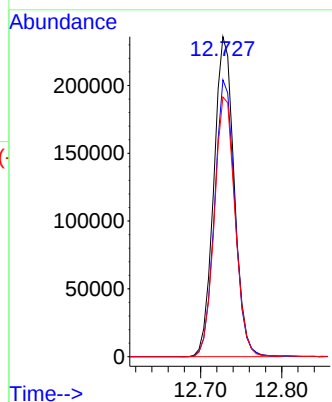
#62
4-Bromofluorobenzene
Concen: 52.423 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL



Tgt Ion: 95 Resp: 411976

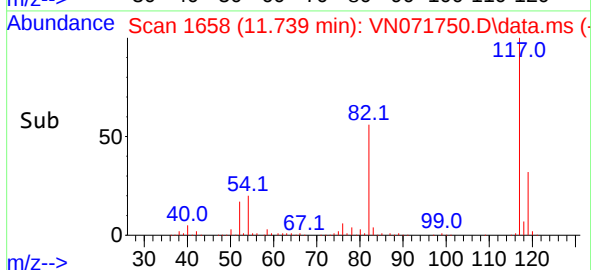
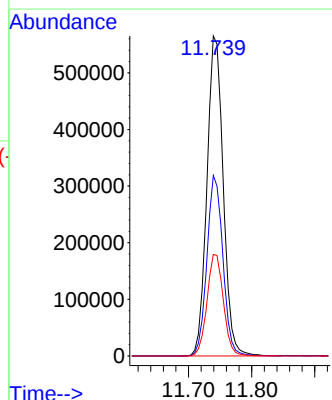
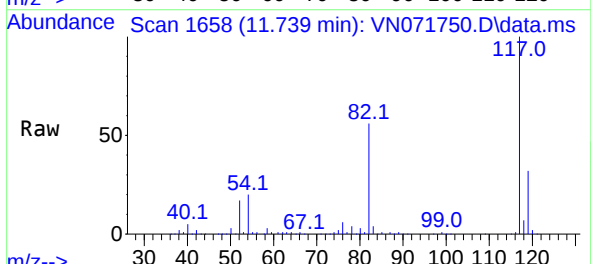
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	167.6
176	82.5	0.0	163.4

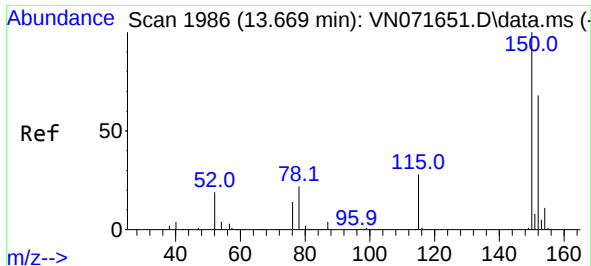


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 117 Resp: 1012963

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.2
119	31.7	25.4	38.0

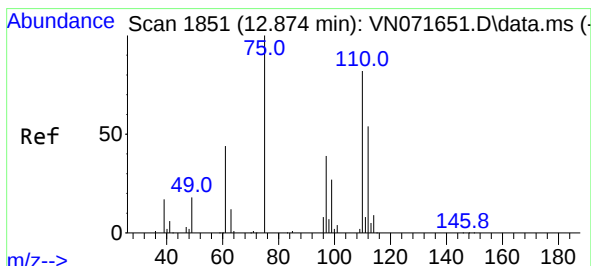
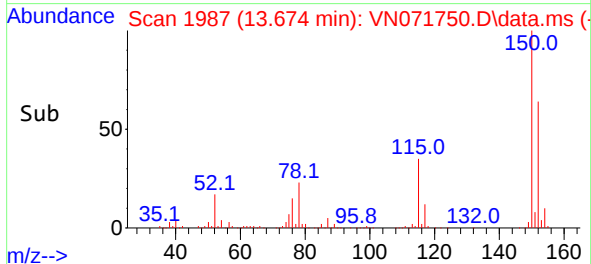
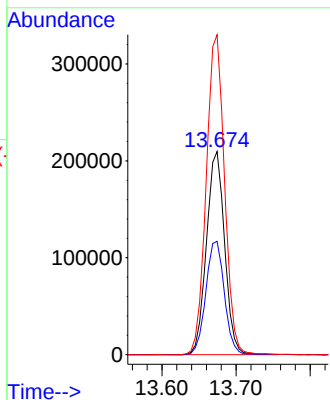
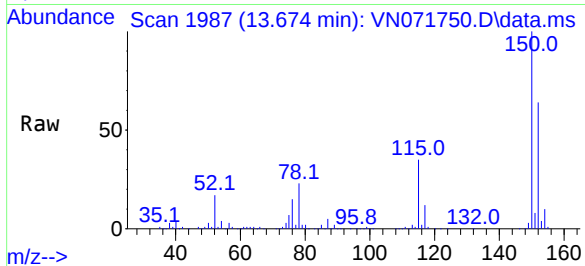




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

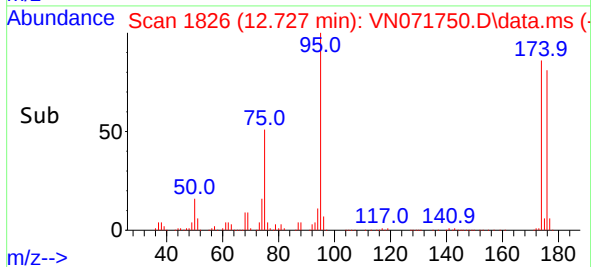
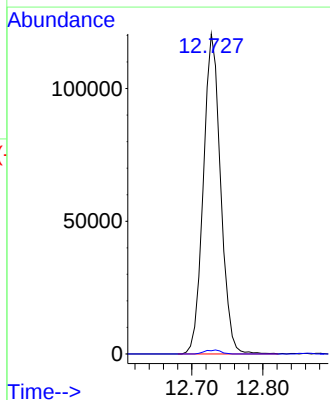
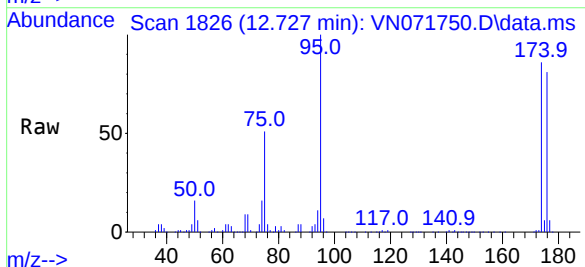
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL

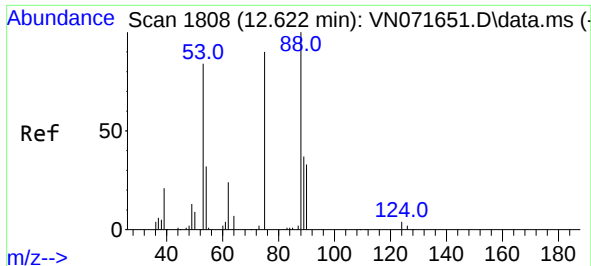
Tgt Ion:152 Resp: 357708
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 158.6 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.625 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 75 Resp: 204059
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

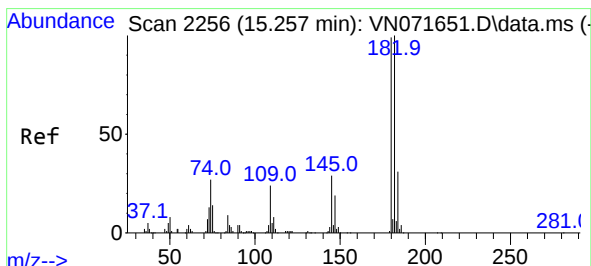
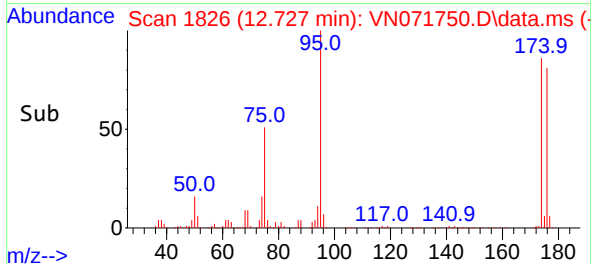
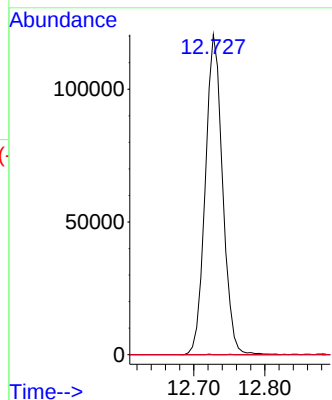
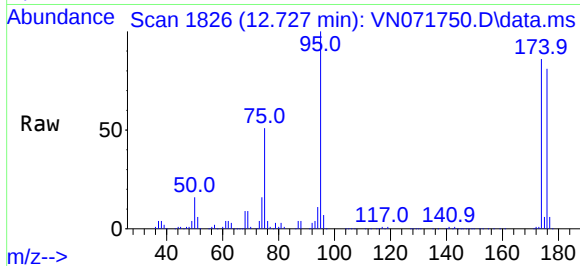




#81
trans-1,4-Dichloro-2-butene
Concen: 76.313 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

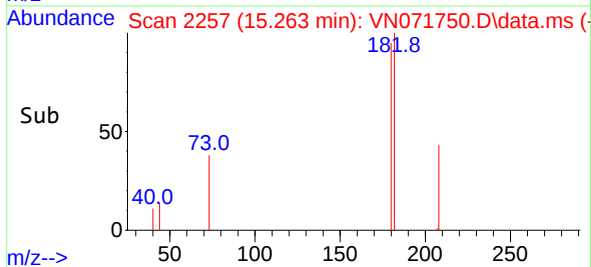
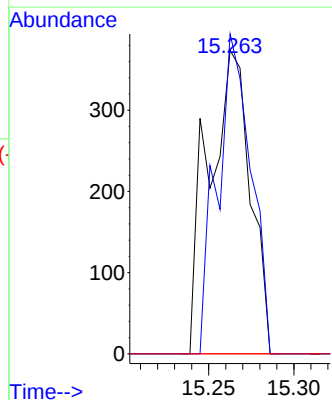
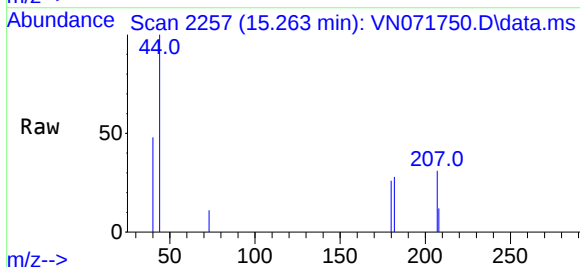
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL

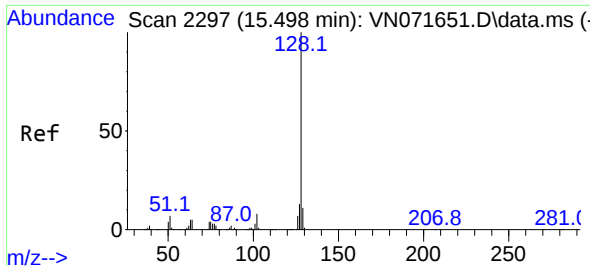
Tgt Ion: 75 Resp: 204059
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.193 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion:180 Resp: 636
Ion Ratio Lower Upper
180 100
182 85.7 47.5 142.5
145 0.0 14.5 43.5#

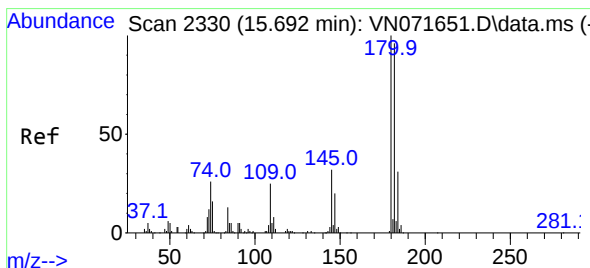
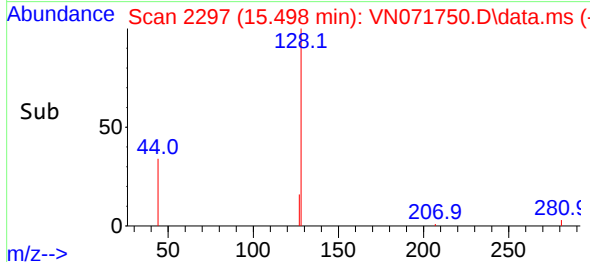
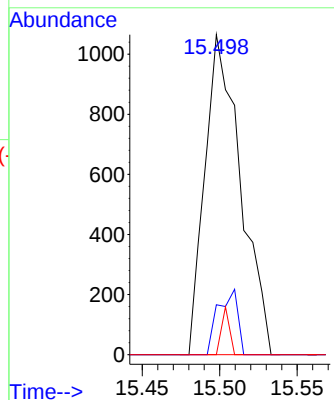
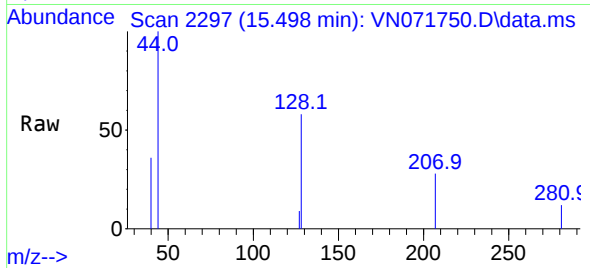




#95
Naphthalene
Concen: 3.900 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322DL

Tgt Ion:	128	Resp:	1708
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	3.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.439 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN071750.D
Acq: 01 Apr 2022 14:07

Tgt Ion:	180	Resp:	142
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3
145	50.7	15.5	46.5

