

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071685.D
 Acq On : 31 Mar 2022 02:32
 Operator : JC\MD
 Sample : N2075-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20220322

Quant Time: Mar 31 07:46:27 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)

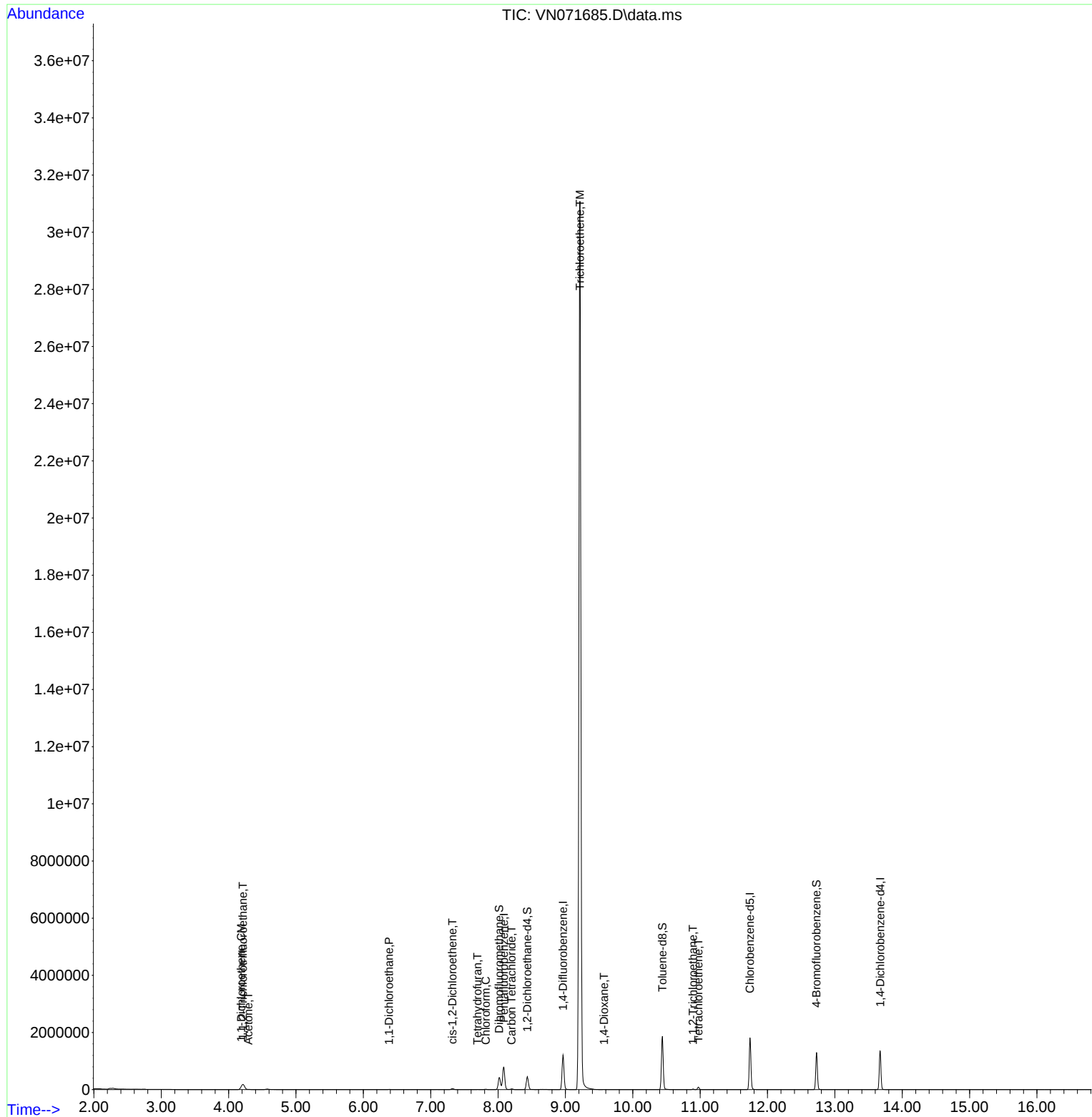
Internal Standards						
1) Pentafluorobenzene	8.086	168	649553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1107644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1106390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	403525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	368827	49.738	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.016	113	317533	48.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.440%
50) Toluene-d8	10.439	98	1360048	51.009	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.727	95	461811	53.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.100%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.210	101	115255	20.457	ug/l	97
12) 1,1-Dichloroethene	4.187	96	31433	5.863	ug/l	97
16) Acetone	4.293	43	9736	3.072	ug/l	93
24) 1,1-Dichloroethane	6.381	63	10758	0.967	ug/l #	91
27) cis-1,2-Dichloroethene	7.322	96	22074	3.058	ug/l	89
29) Tetrahydrofuran	7.692	42	2820	0.953	ug/l #	84
30) Chloroform	7.816	83	14249	1.213	ug/l	98
38) Carbon Tetrachloride	8.198	117	19651	2.203	ug/l #	92
44) Trichloroethene	9.216	130	11836108	1597.852	ug/l	93
49) 1,4-Dioxane	9.575	88	2493	1.493	ug/l #	77
55) 1,1,2-Trichloroethane	10.892	97	6168	0.825	ug/l	94
64) Tetrachloroethene	10.974	164	21856	2.992	ug/l	95

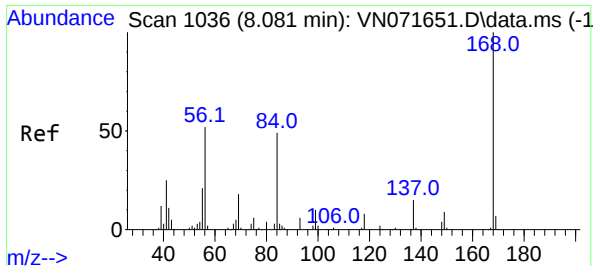
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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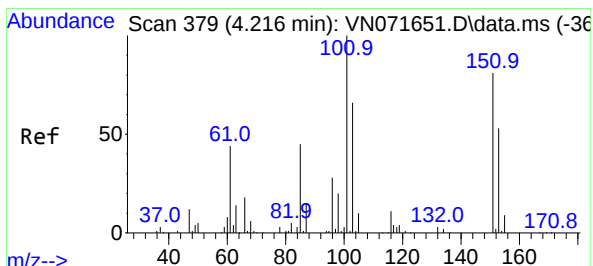
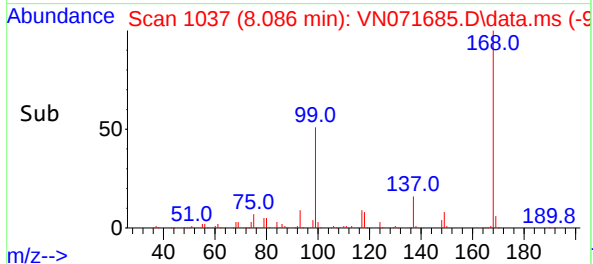
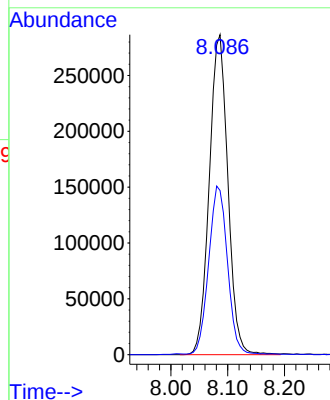
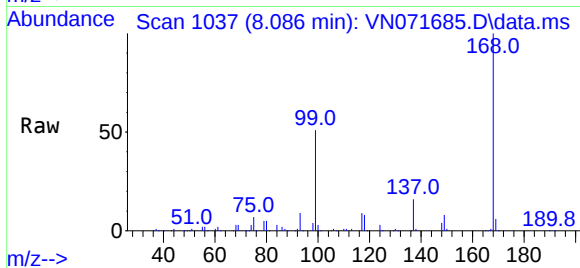




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

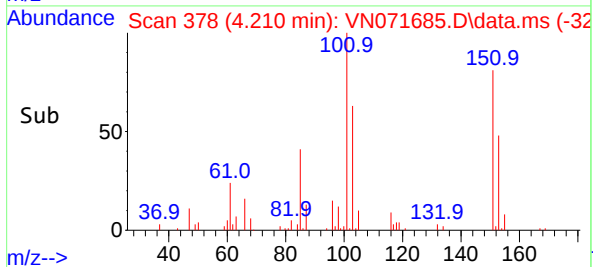
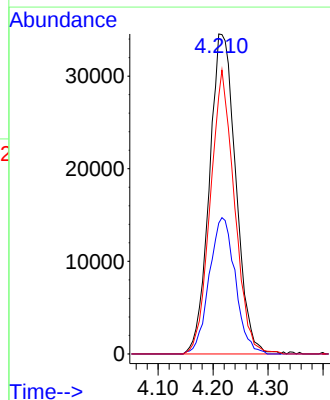
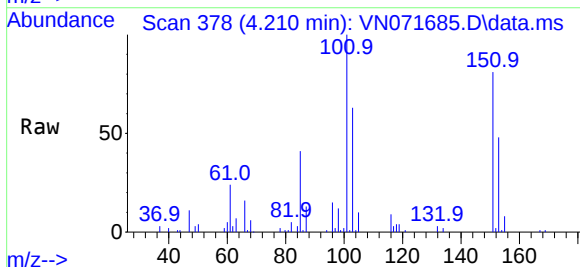
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322

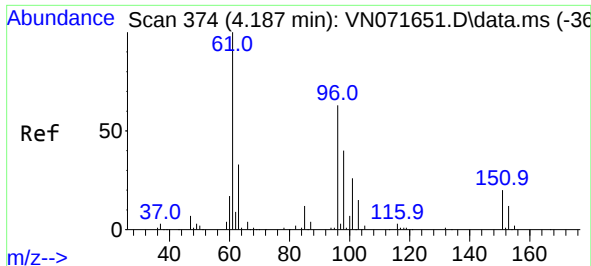
Tgt Ion:168 Resp: 649553
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.457 ug/l
RT: 4.210 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion:101 Resp: 115255
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 81.1 63.0 94.4

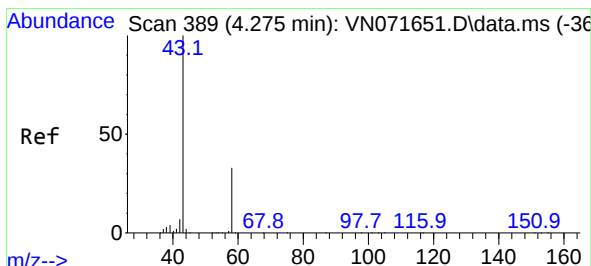
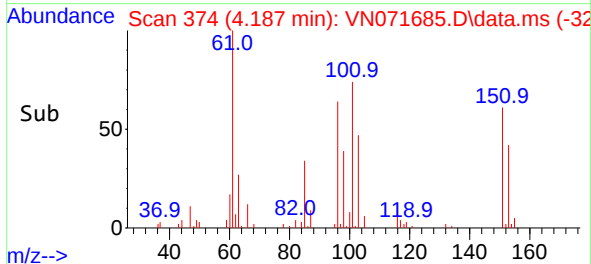
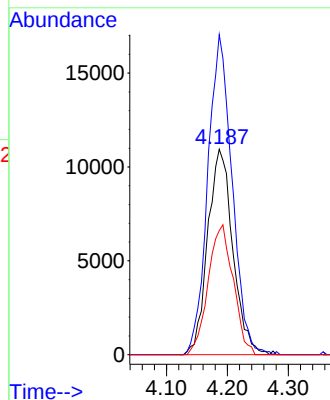
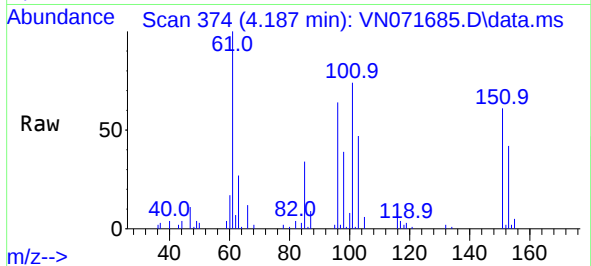




#12
1,1-Dichloroethene
Concen: 5.863 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

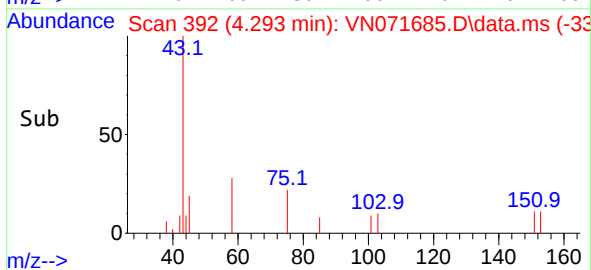
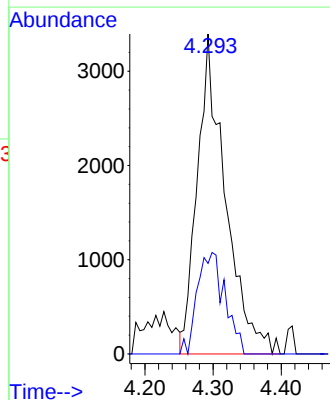
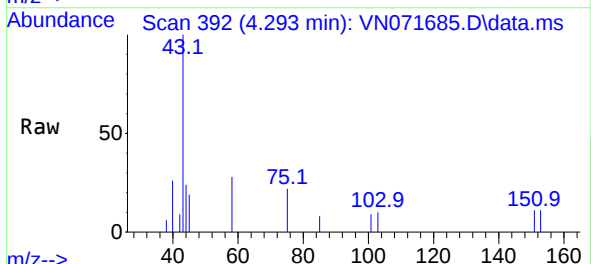
Instrument :
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ClientSampleId :
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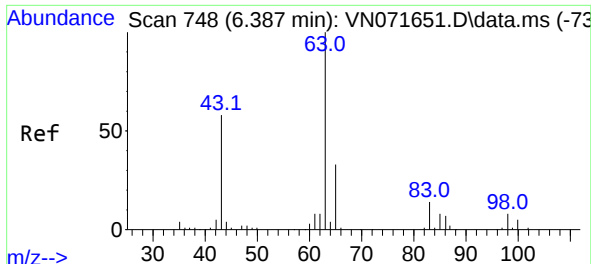
Tgt Ion: 96 Resp: 31433
Ion Ratio Lower Upper
96 100
61 155.7 127.6 191.4
98 60.4 51.2 76.8



#16
Acetone
Concen: 3.072 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion: 43 Resp: 9736
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0

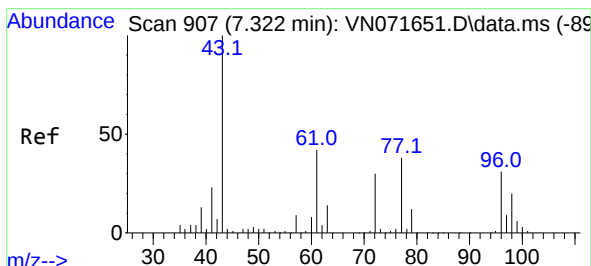
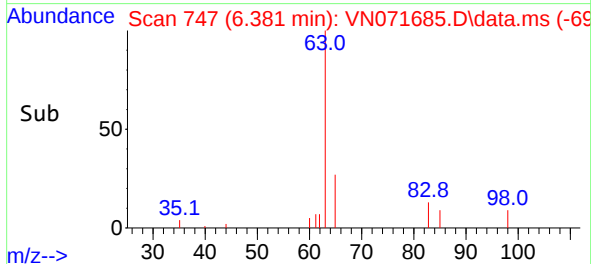
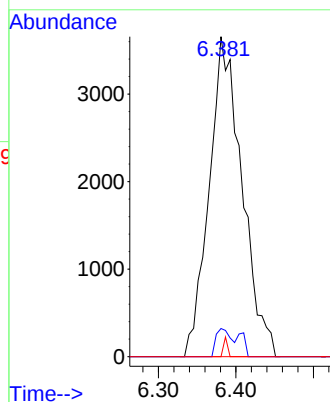
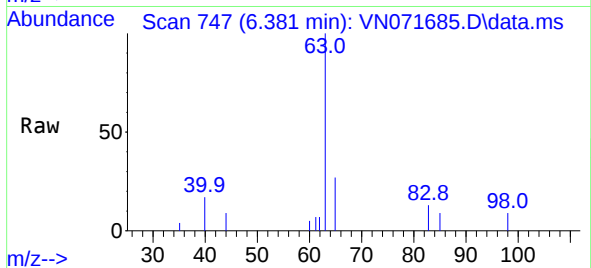




#24
1,1-Dichloroethane
Concen: 0.967 ug/l
RT: 6.381 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

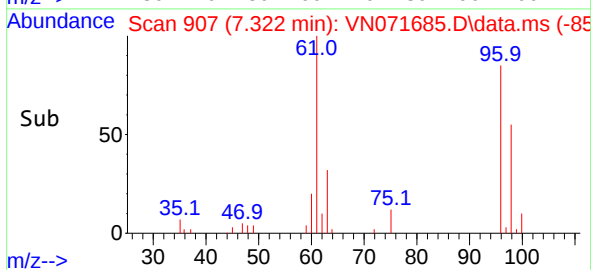
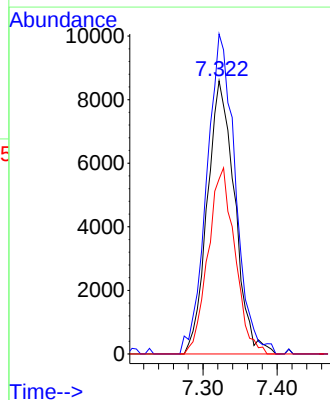
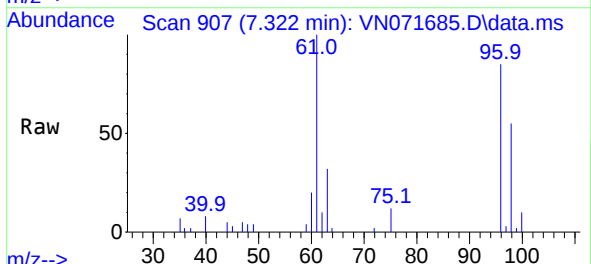
Instrument :
MSVOA_N
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RE137-20220322

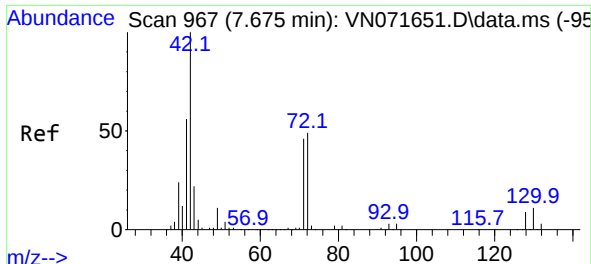
Tgt Ion: 63 Resp: 10758
Ion Ratio Lower Upper
63 100
98 8.8 3.5 10.4
100 0.0 2.3 6.8#



#27
cis-1,2-Dichloroethene
Concen: 3.058 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion: 96 Resp: 22074
Ion Ratio Lower Upper
96 100
61 122.1 0.0 280.6
98 66.7 0.0 128.4

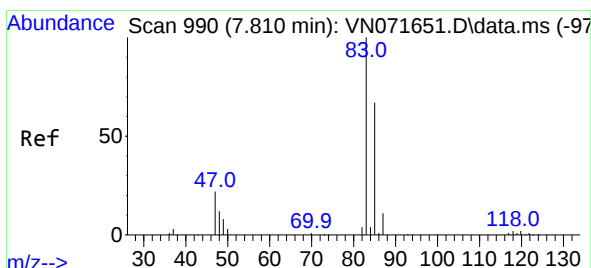
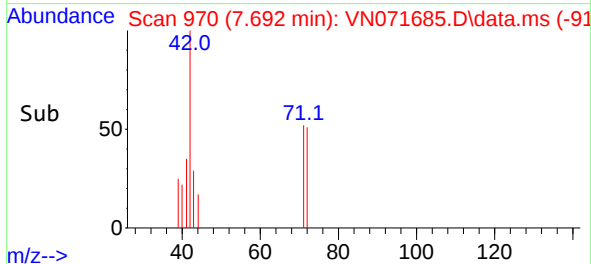
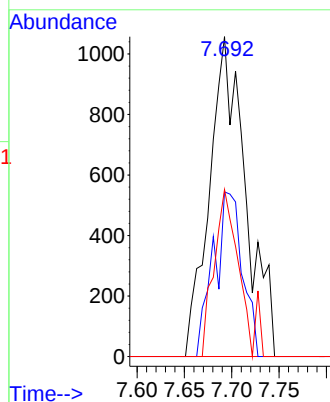
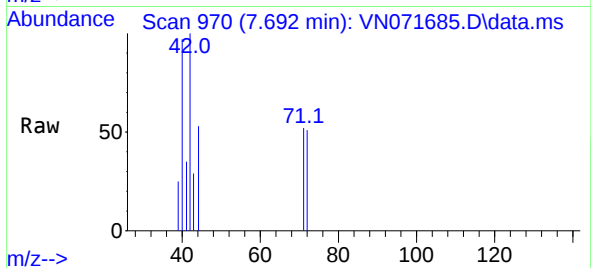




#29
Tetrahydrofuran
Concen: 0.953 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

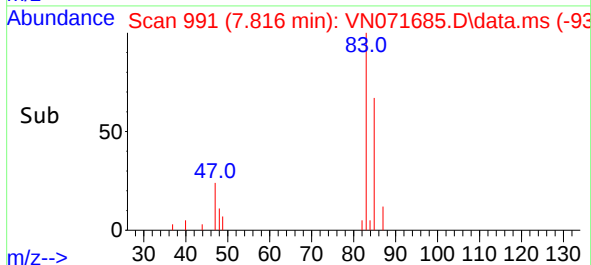
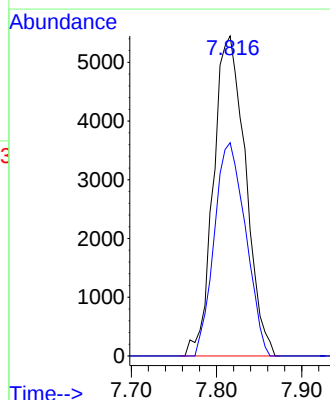
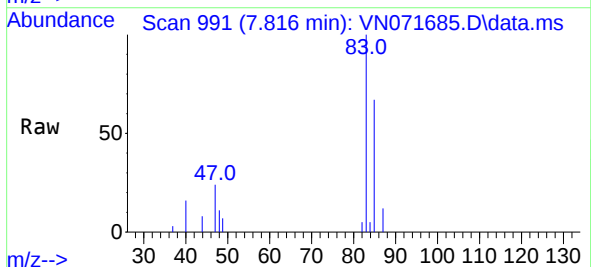
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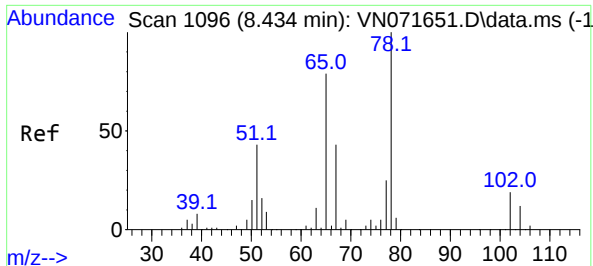
Tgt Ion: 42 Resp: 2820
Ion Ratio Lower Upper
42 100
72 40.7 39.7 59.5
71 33.7 36.6 55.0#



#30
Chloroform
Concen: 1.213 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion: 83 Resp: 14249
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.8

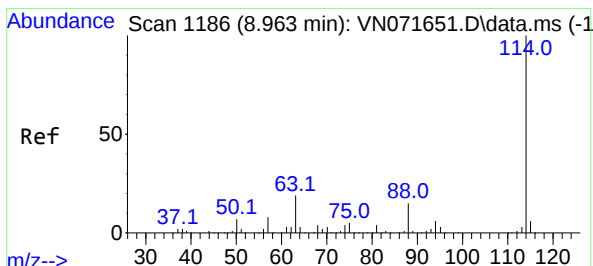
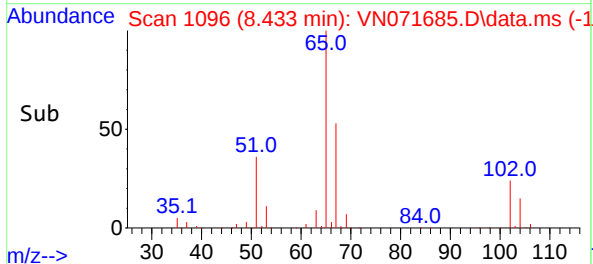
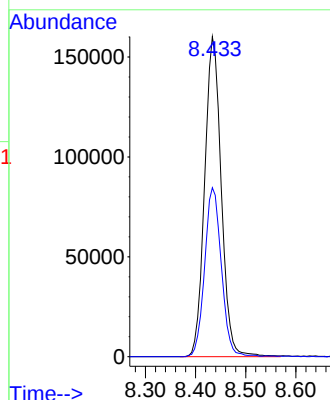
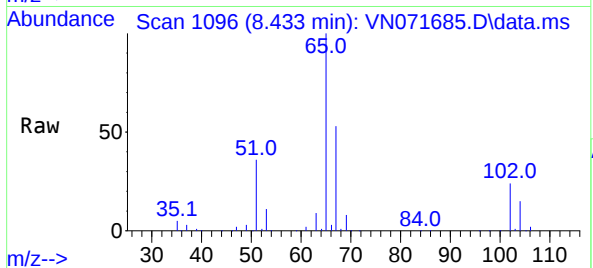




#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

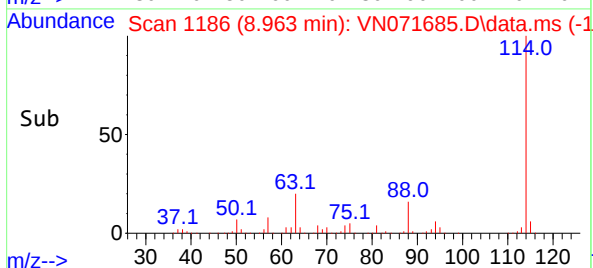
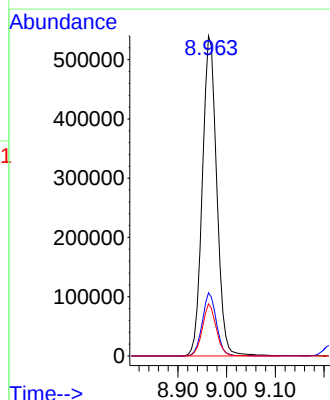
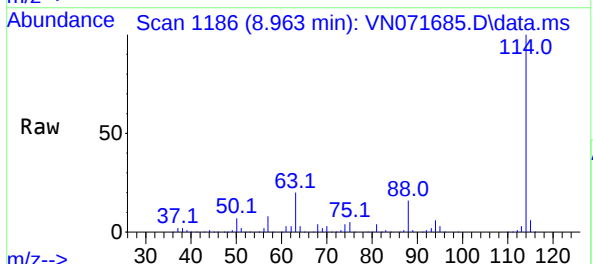
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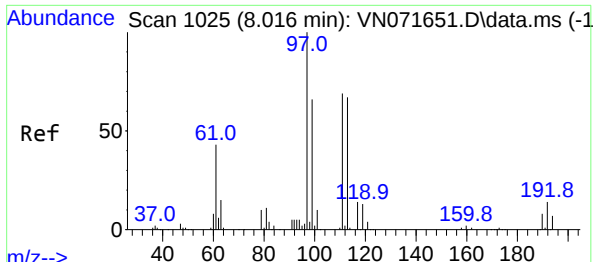
Tgt Ion: 65 Resp: 368827
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion:114 Resp: 1107644
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 16.3 0.0 32.6

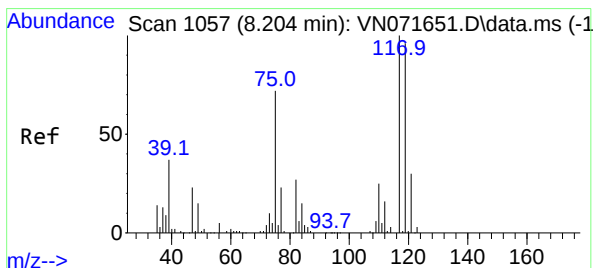
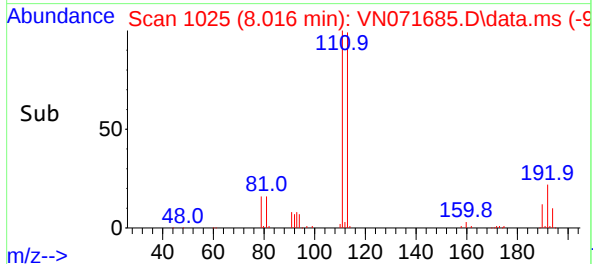
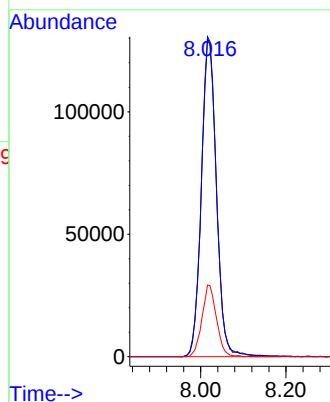
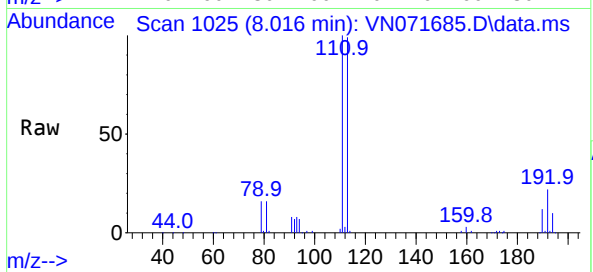




#35
Dibromofluoromethane
Concen: 48.717 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

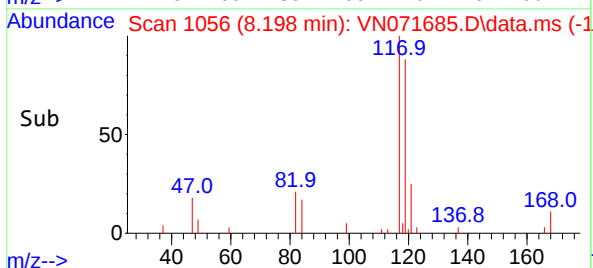
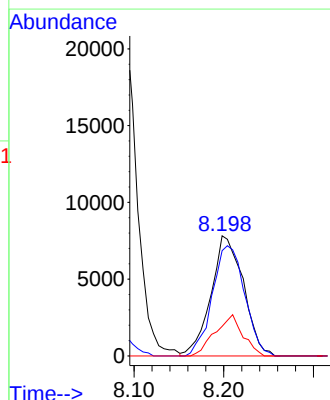
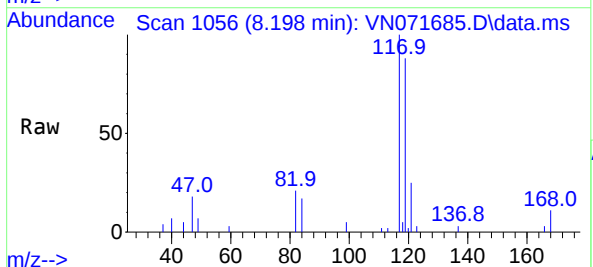
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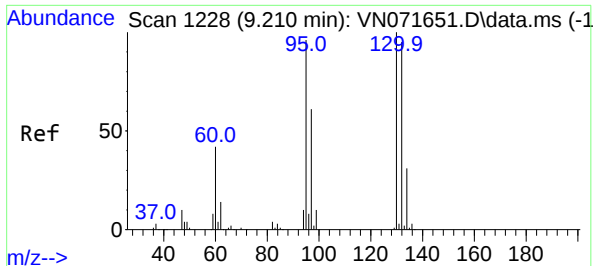
Tgt Ion:113 Resp: 317533
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.0
192 21.8 17.0 25.6



#38
Carbon Tetrachloride
Concen: 2.203 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion:117 Resp: 19651
Ion Ratio Lower Upper
117 100
119 87.7 75.8 113.8
121 24.6 24.6 37.0#

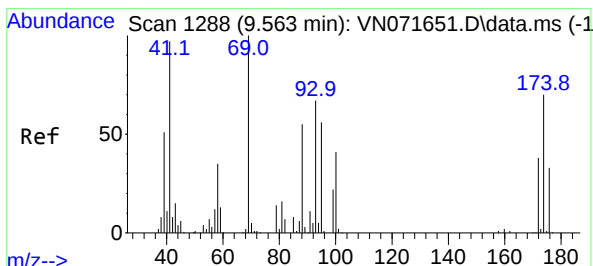
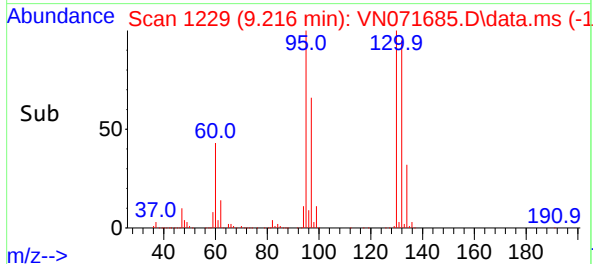
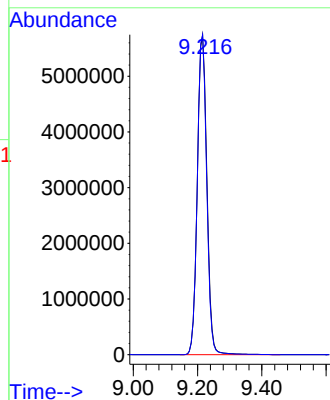
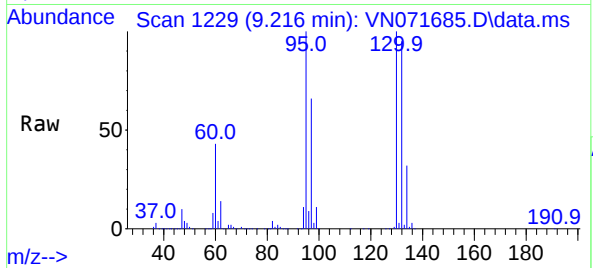




#44
Trichloroethene
Concen: 1597.852 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

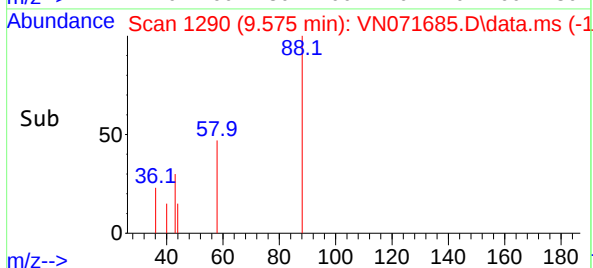
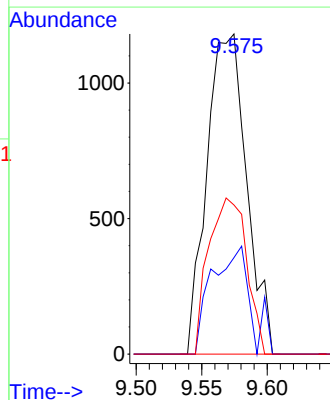
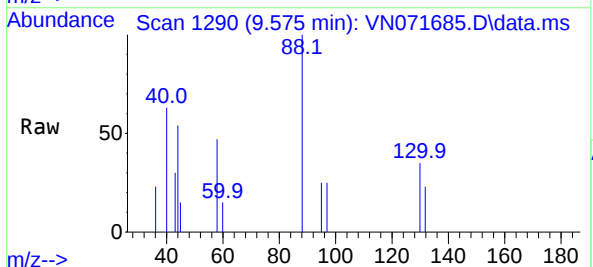
Instrument :
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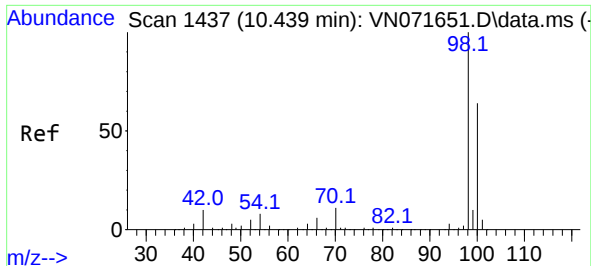
Tgt Ion:130 Resp:11836108
Ion Ratio Lower Upper
130 100
95 100.2 0.0 186.8



#49
1,4-Dioxane
Concen: 1.493 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.012 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion: 88 Resp: 2493
Ion Ratio Lower Upper
88 100
43 32.5 20.2 30.4#
58 46.5 54.2 81.4#

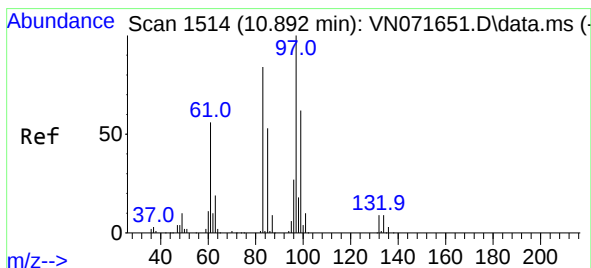
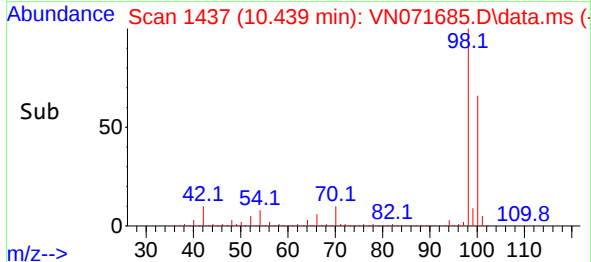
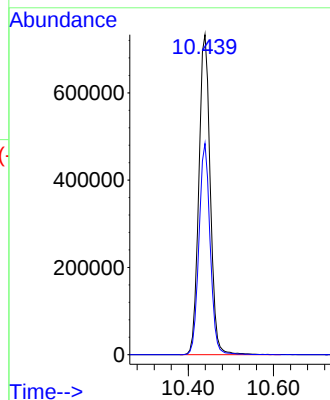
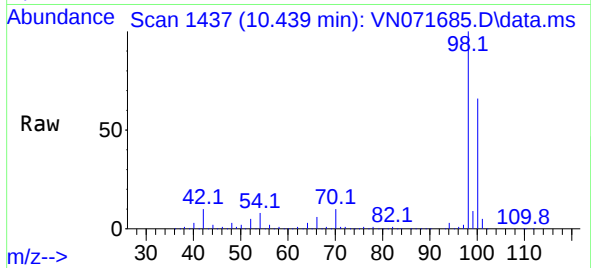




#50
Toluene-d8
Concen: 51.009 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

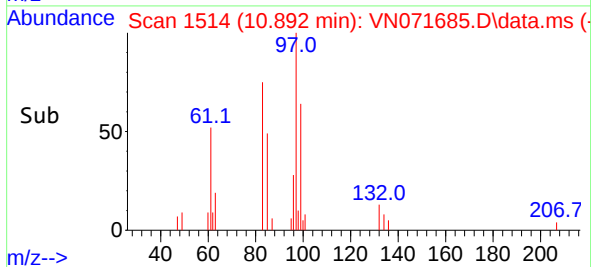
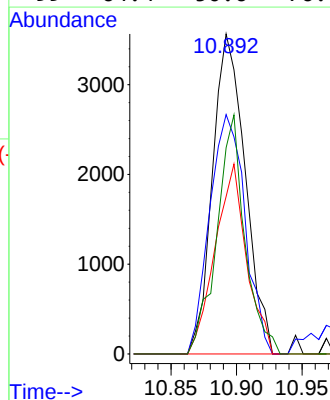
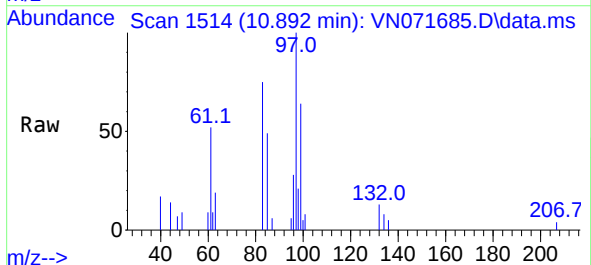
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322

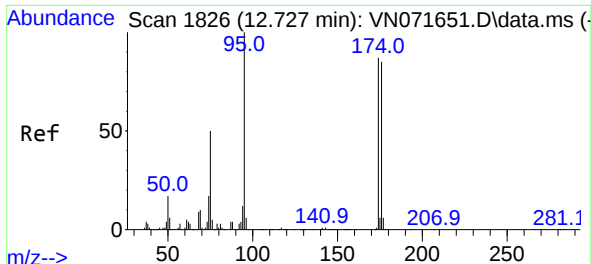
Tgt Ion: 98 Resp: 1360048
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.825 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

Tgt Ion: 97 Resp: 6168
Ion Ratio Lower Upper
97 100
83 74.8 66.2 99.4
85 49.2 43.9 65.9
99 64.4 50.6 76.0

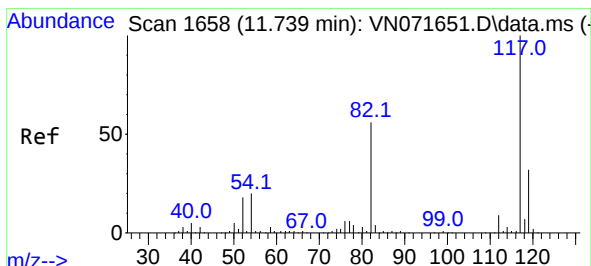
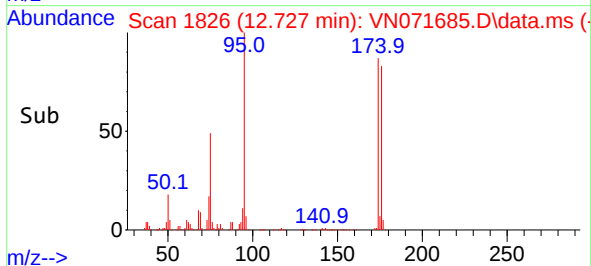
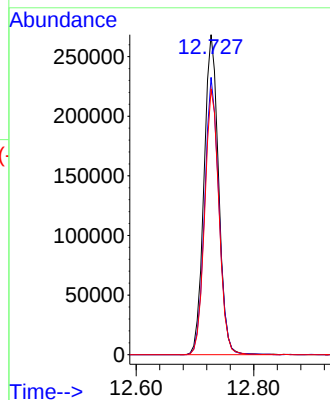
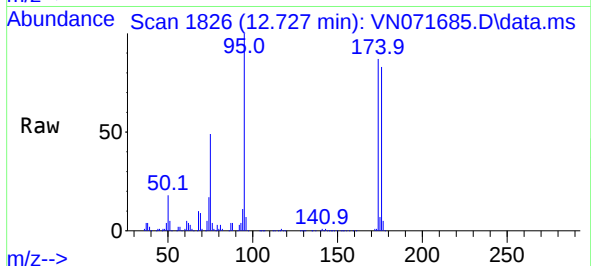




#62
4-Bromofluorobenzene
Concen: 53.554 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

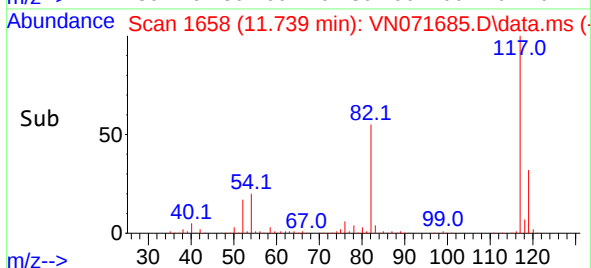
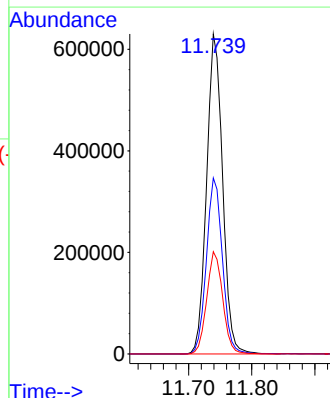
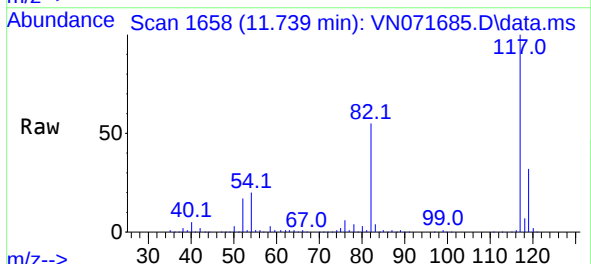
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322

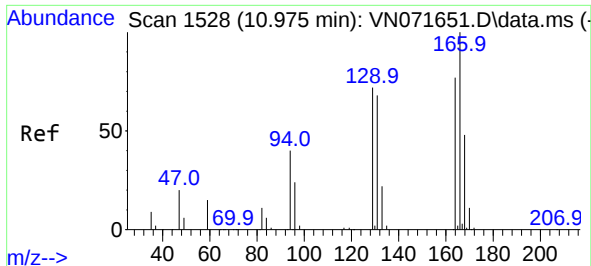
Tgt Ion: 95 Resp: 461811
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 81.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

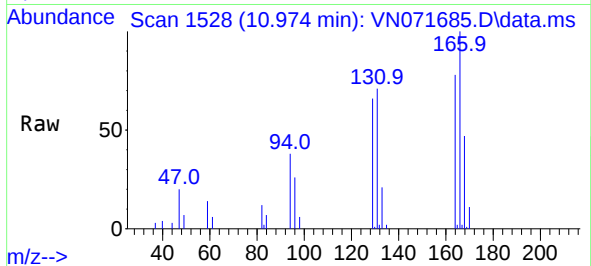
Tgt Ion: 117 Resp: 1106390
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.0 25.4 38.0



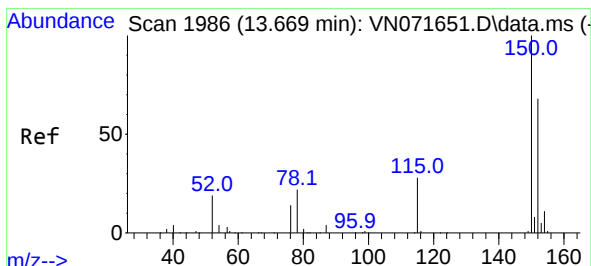
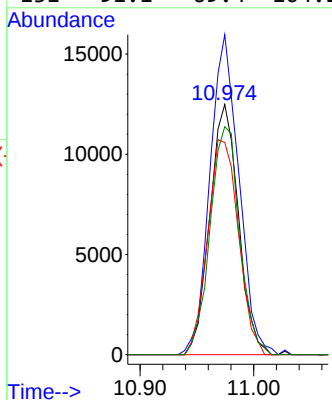
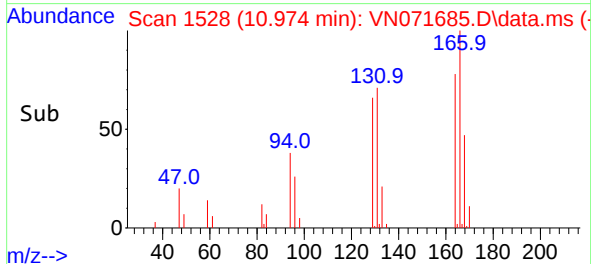


#64
Tetrachloroethene
Concen: 2.992 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32

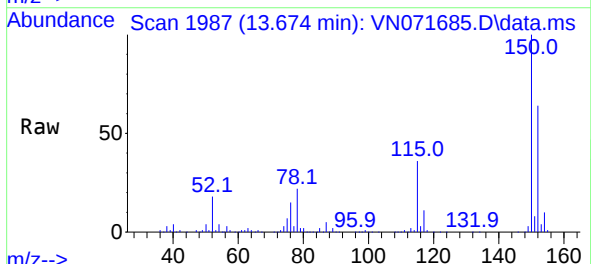
Instrument :
MSVOA_N
ClientSampleId :
RE137-20220322



Tgt Ion:164 Resp: 21856
Ion Ratio Lower Upper
164 100
166 127.9 104.2 156.2
129 84.8 73.9 110.9
131 91.1 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071685.D
Acq: 31 Mar 2022 02:32



Tgt Ion:152 Resp: 403525
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 157.3 0.0 356.2

