

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074126.D
 Acq On : 25 Aug 2022 20:07
 Operator : JC\MD
 Sample : N4280-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20220817

Quant Time: Aug 26 02:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

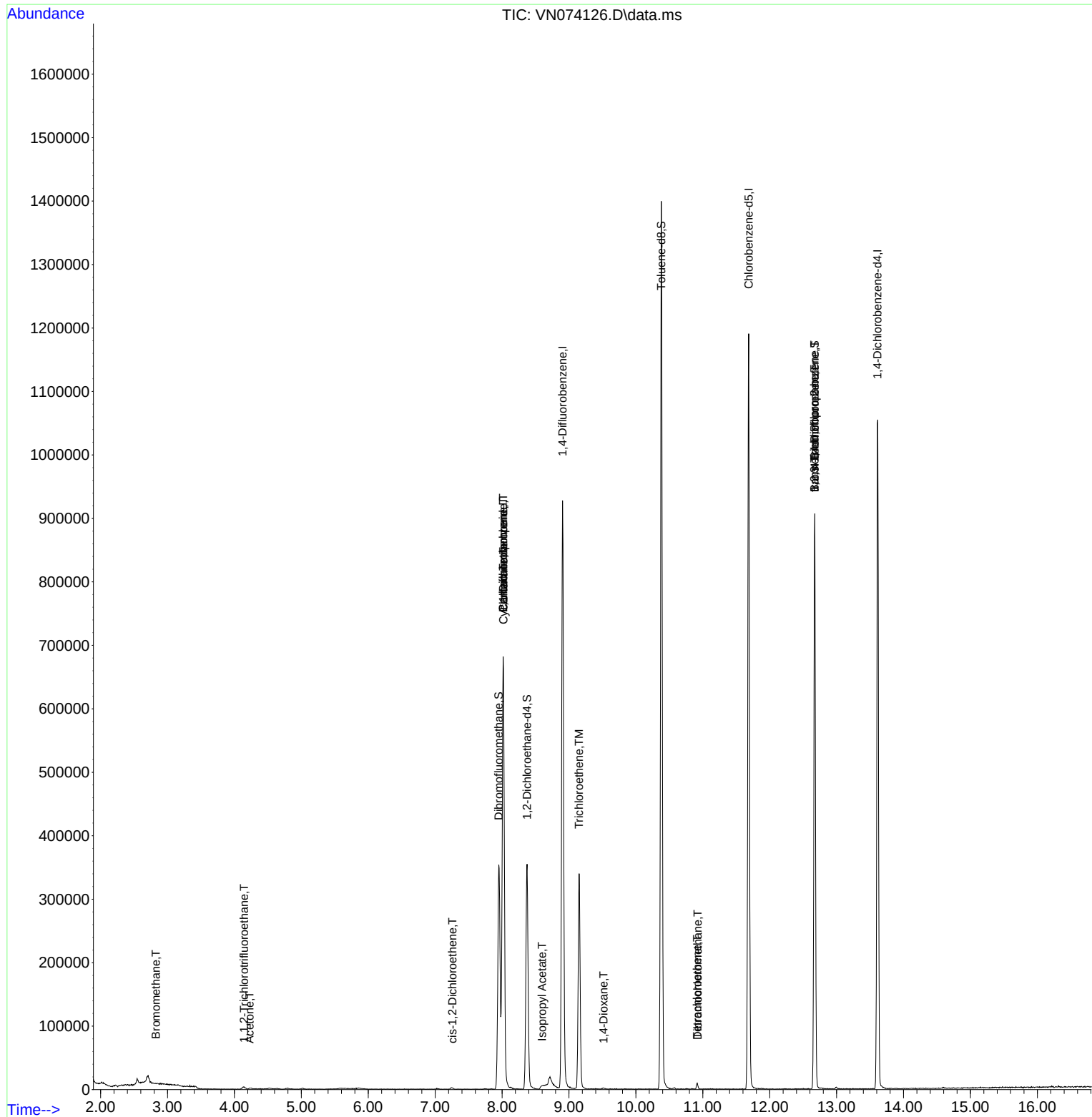
Internal Standards						
1) Pentafluorobenzene	8.016	168	569816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	869961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	729614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	316900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	297994	53.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	7.951	113	263713	51.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.520%	
50) Toluene-d8	10.380	98	968626	48.612	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.674	95	297250	44.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1022	0.254	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.146	101	2519	0.521	ug/l	96
16) Acetone	4.228	43	3478	1.328	ug/l #	87
18) Methyl Acetate	4.798	43	3291	Below Cal		92
27) cis-1,2-Dichloroethene	7.257	96	1627	0.266	ug/l	92
31) Cyclohexane	8.022	56	9645	1.247	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	37659	5.270	ug/l #	50
38) Carbon Tetrachloride	8.016	117	51049	6.250	ug/l #	17
43) Isopropyl Acetate	8.598	43	5721	0.464	ug/l #	53
44) Trichloroethene	9.151	130	133923	20.558	ug/l	99
49) 1,4-Dioxane	9.516	88	1424	9.074	ug/l #	85
60) Dibromochloromethane	10.922	129	2220	0.334	ug/l #	11
64) Tetrachloroethene	10.916	164	2184	0.379	ug/l	86
71) Bromoform	12.669	173	1507	0.287	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	147949	22.462	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	147949	63.885	ug/l #	11

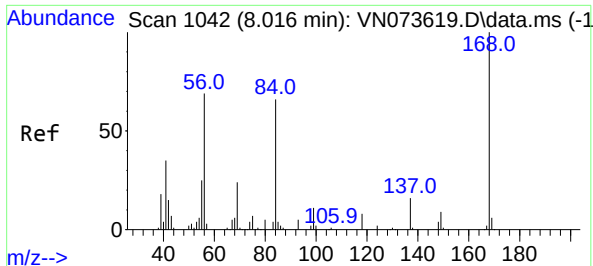
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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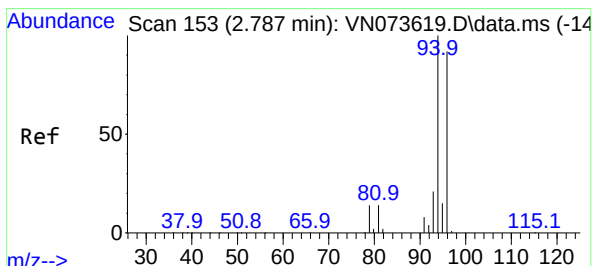
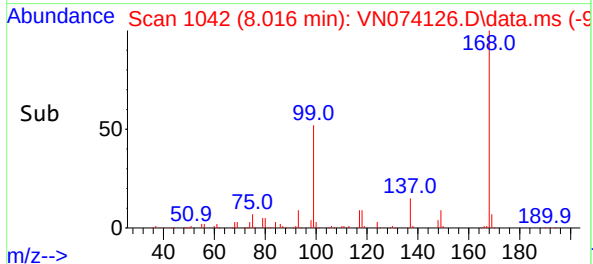
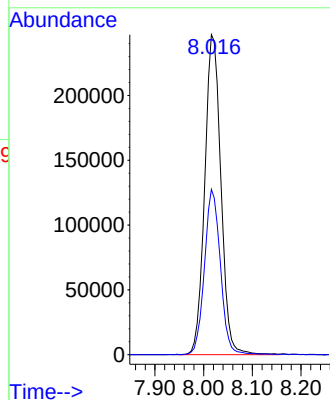
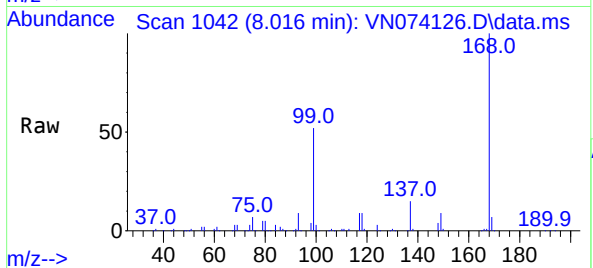




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

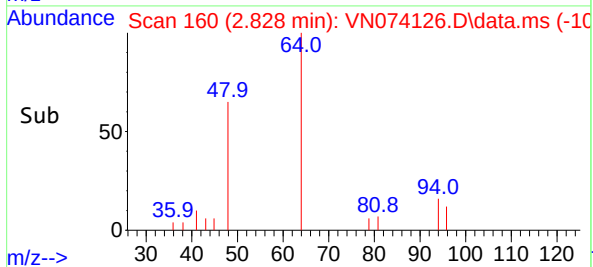
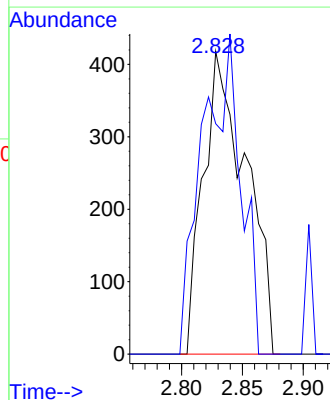
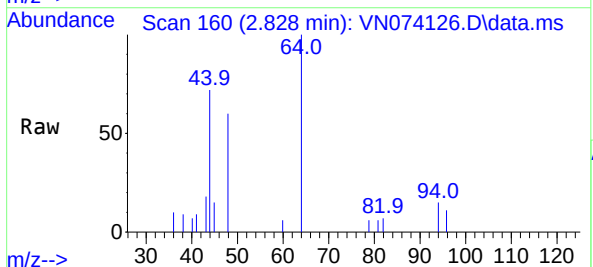
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

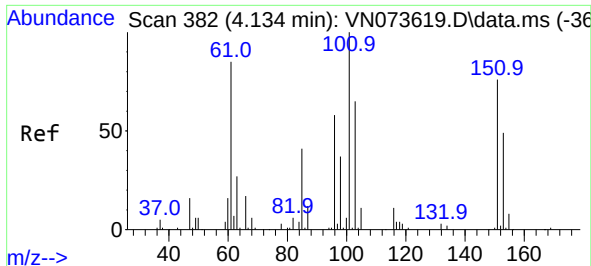
Tgt Ion:168 Resp: 569816
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#5
Bromomethane
Concen: 0.254 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 94 Resp: 1022
Ion Ratio Lower Upper
94 100
96 76.1 76.0 114.0

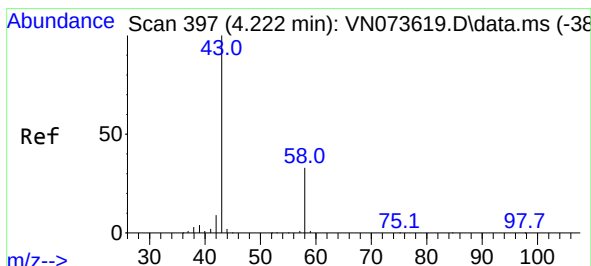
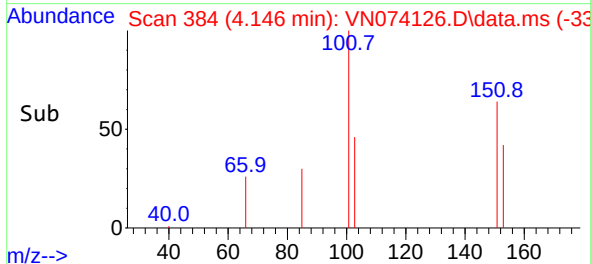
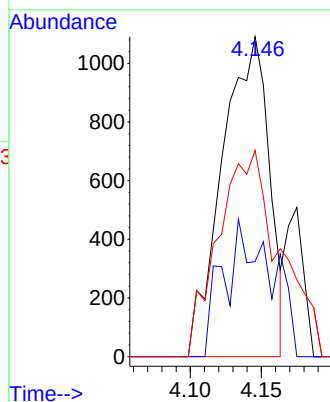
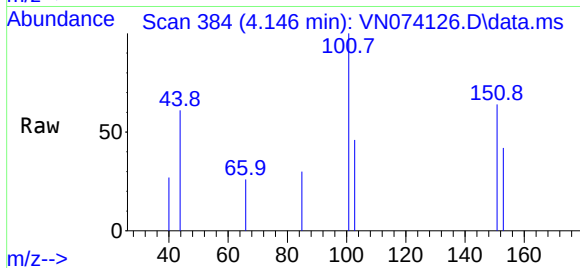




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.521 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

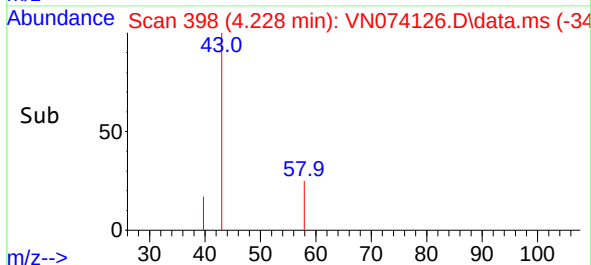
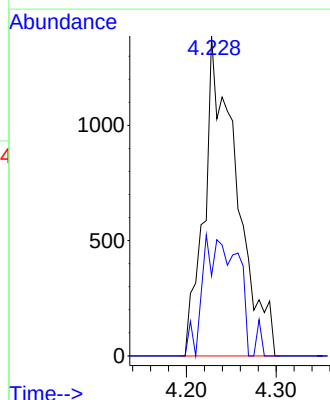
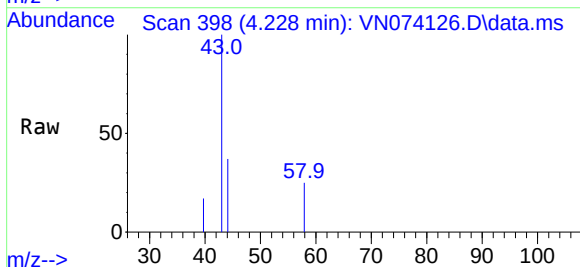
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MSVOA_N
ClientSampleId :
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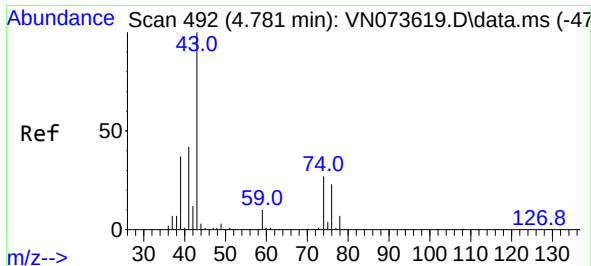
Tgt Ion:101 Resp: 2519
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 84.0 63.0 94.4



#16
Acetone
Concen: 1.328 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 43 Resp: 3478
Ion Ratio Lower Upper
43 100
58 25.0 26.0 39.0#

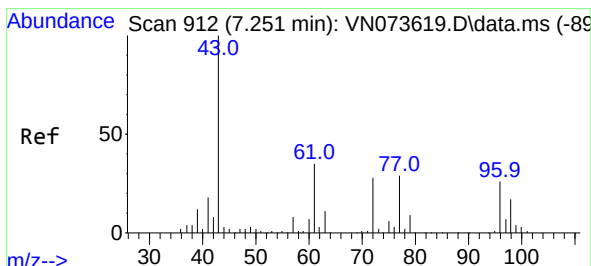
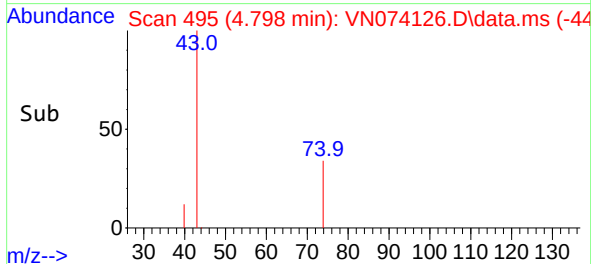
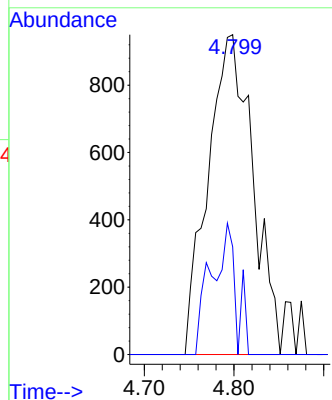
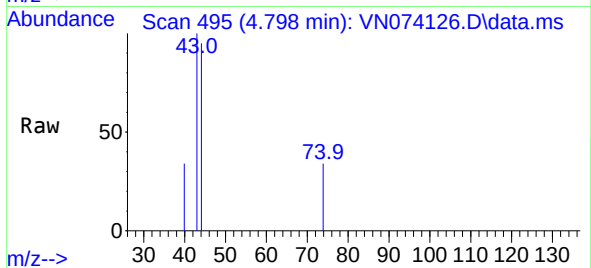




#18
Methyl Acetate
Concen: Below Cal
RT: 4.798 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

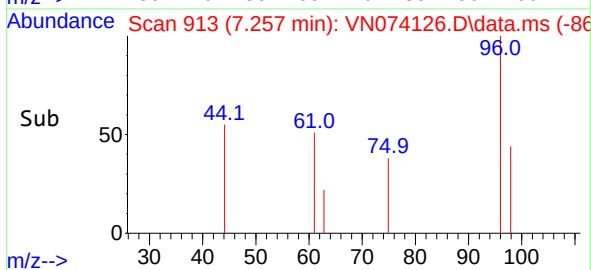
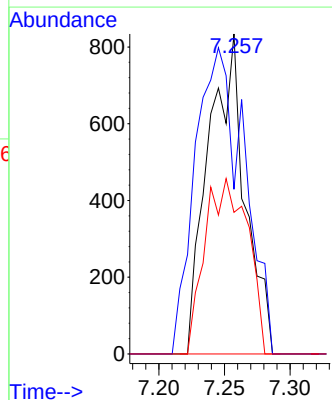
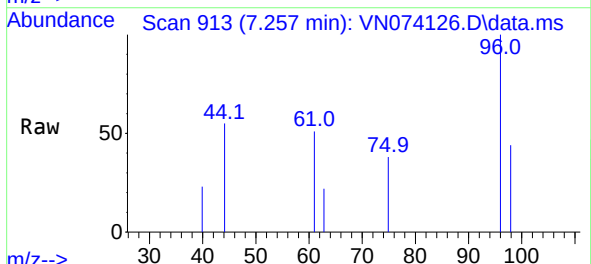
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MSVOA_N
ClientSampleId :
RE109D2-20220817

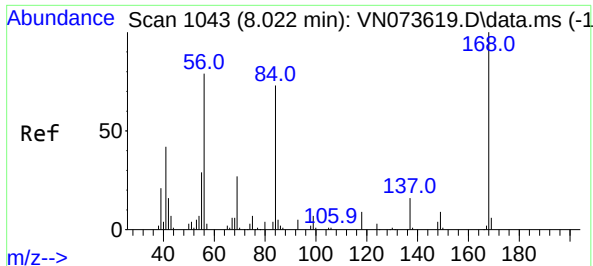
Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
74 22.7 21.6 32.4



#27
cis-1,2-Dichloroethene
Concen: 0.266 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

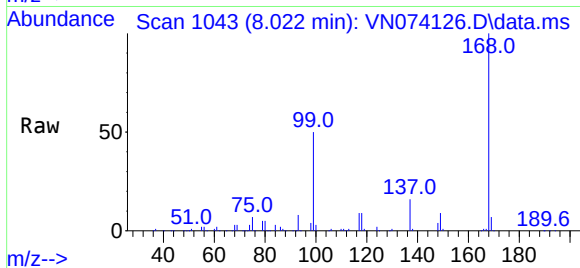
Tgt Ion: 96 Resp: 1627
Ion Ratio Lower Upper
96 100
61 126.9 0.0 280.6
98 63.6 0.0 128.4



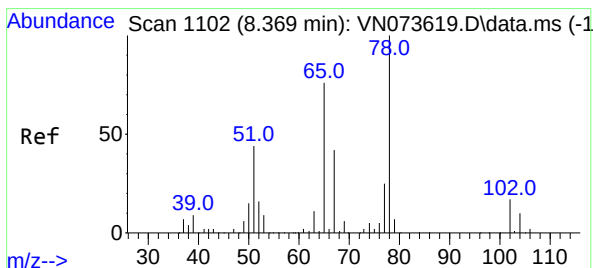
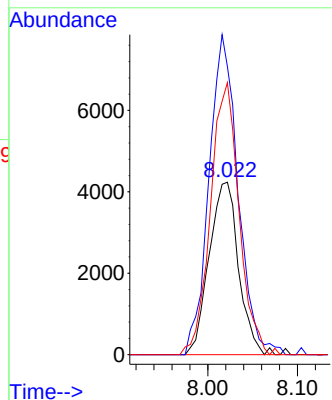
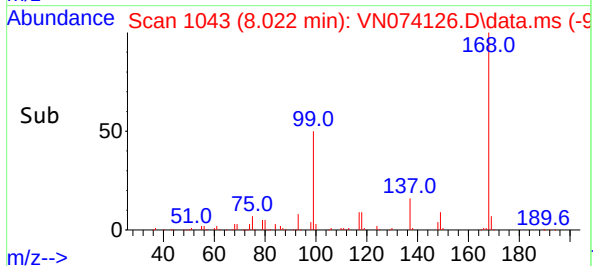


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

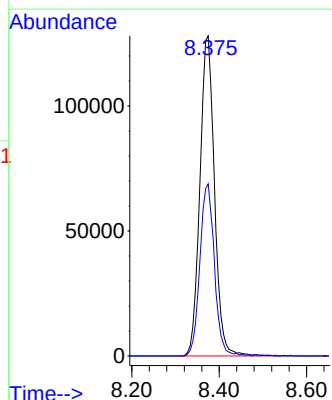
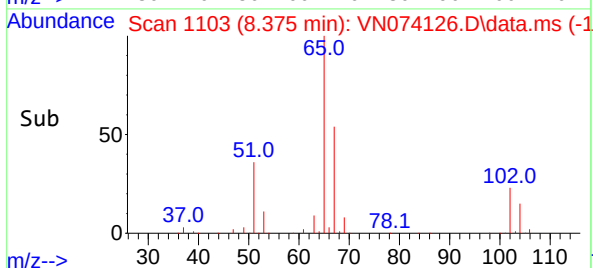
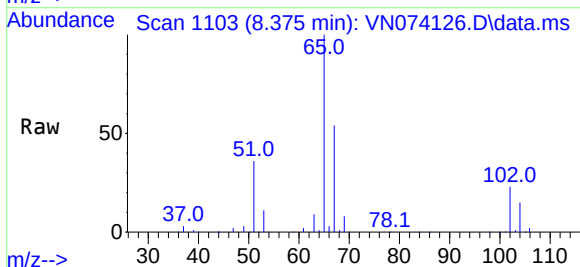


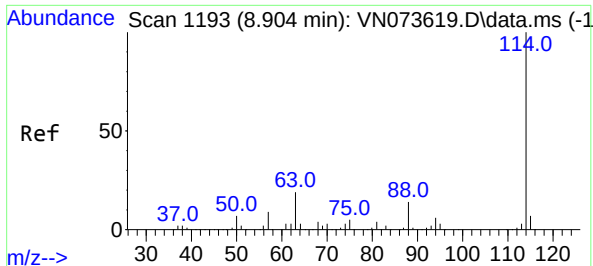
Tgt Ion: 56 Resp: 9645
Ion Ratio Lower Upper
56 100
69 166.9 27.8 41.8#
84 157.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.693 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 65 Resp: 297994
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

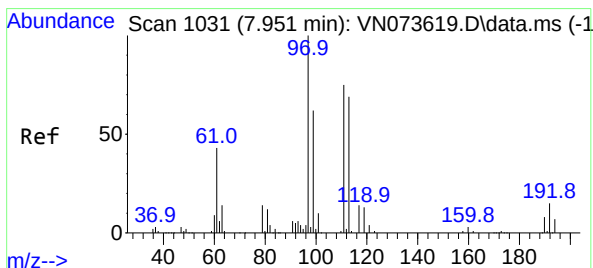
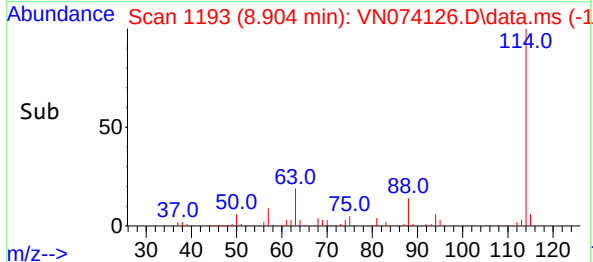
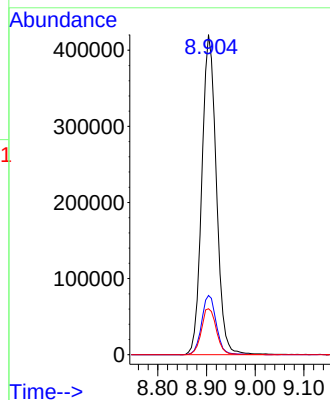
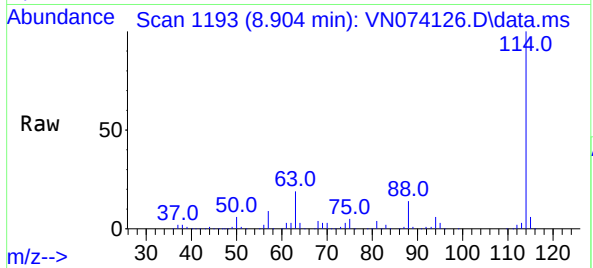




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

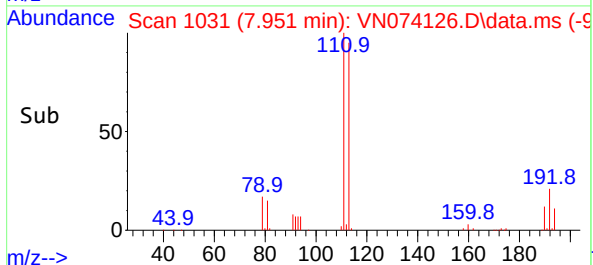
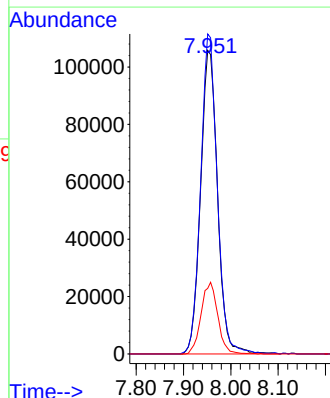
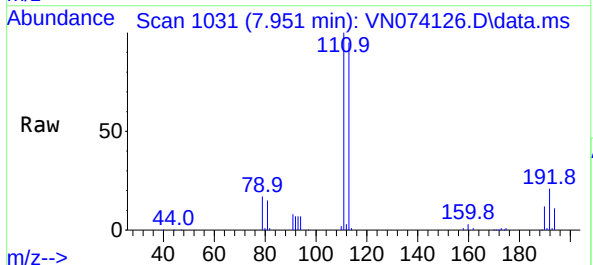
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ClientSampleId :
RE109D2-20220817

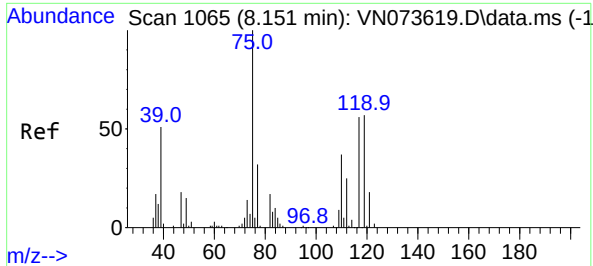
Tgt Ion:114 Resp: 869961
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 14.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.258 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion:113 Resp: 263713
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 23.1 17.0 25.6

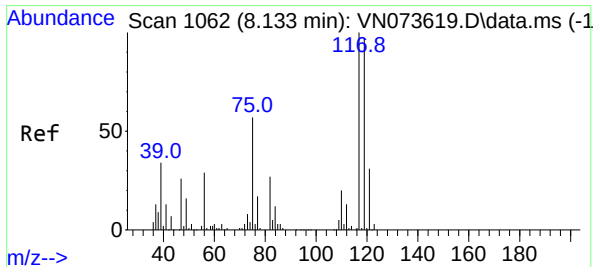
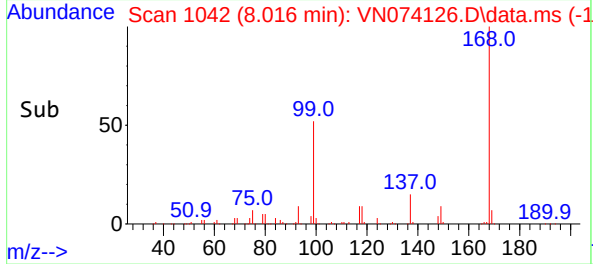
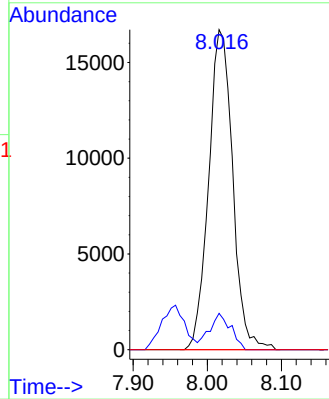
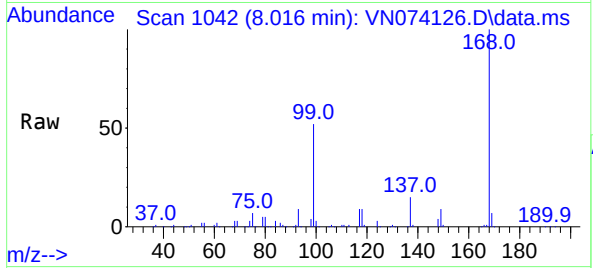




#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

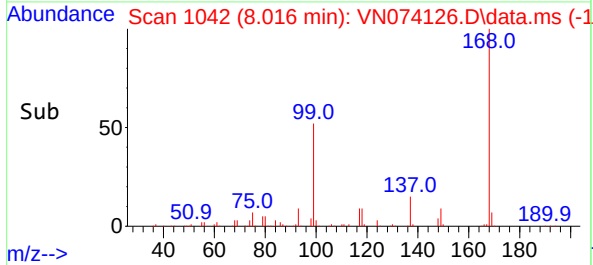
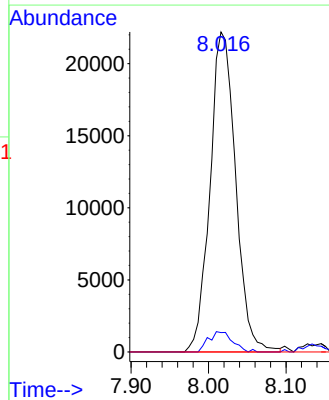
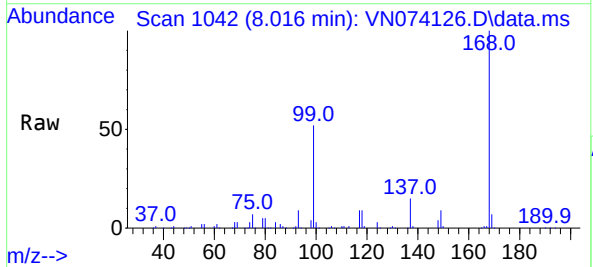
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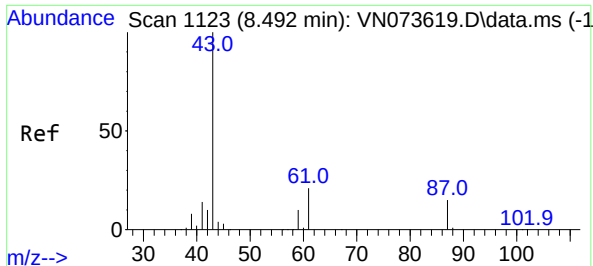
Tgt Ion: 75 Resp: 37659
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.250 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 117 Resp: 51049
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#

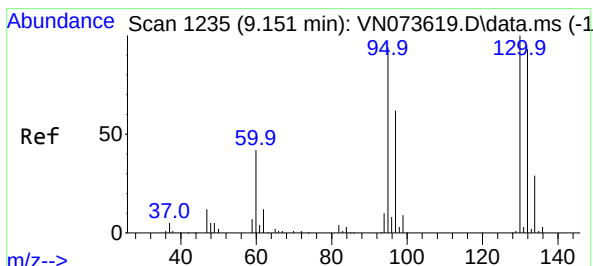
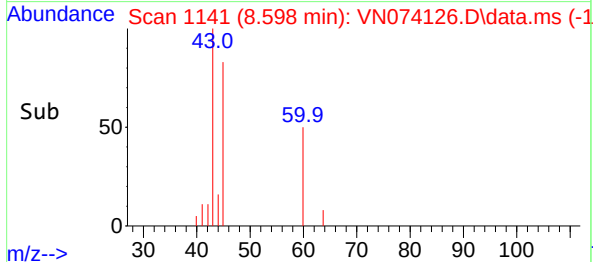
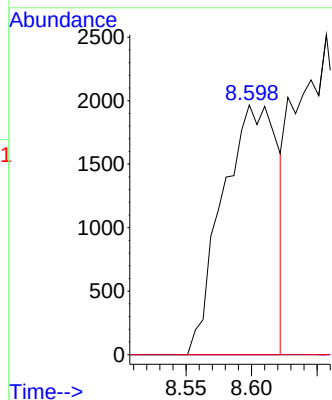
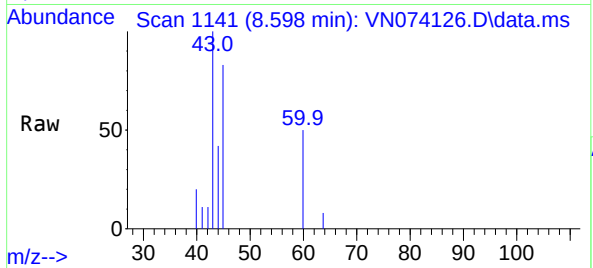




#43
Isopropyl Acetate
Concen: 0.464 ug/l
RT: 8.598 min Scan# 1141
Delta R.T. 0.106 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

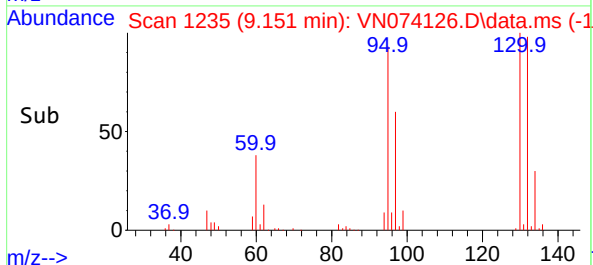
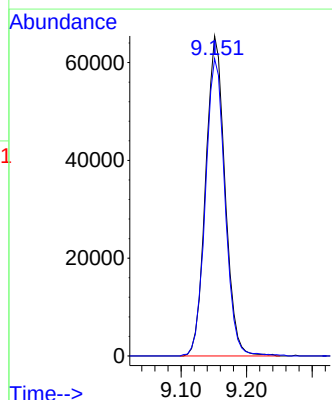
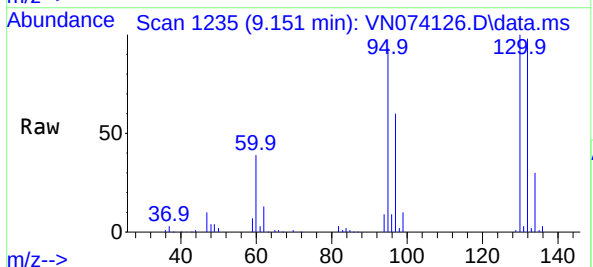
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ClientSampleId :
RE109D2-20220817

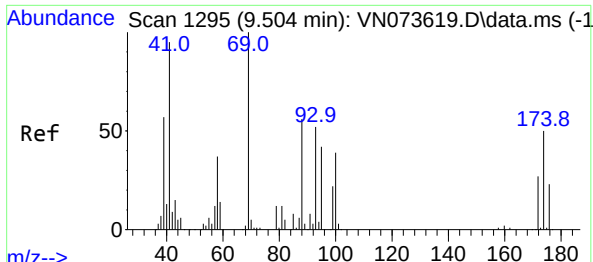
Tgt Ion: 43 Resp: 5721
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 20.558 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion:130 Resp: 133923
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8

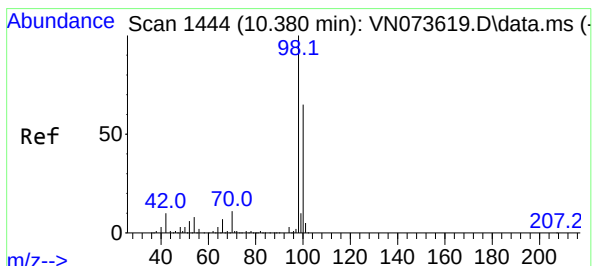
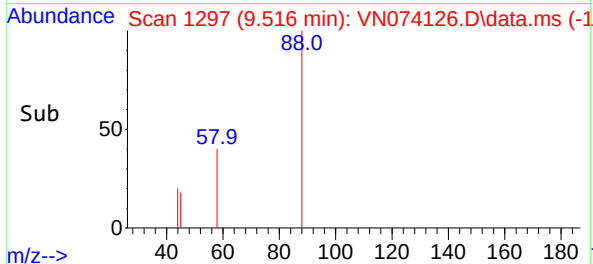
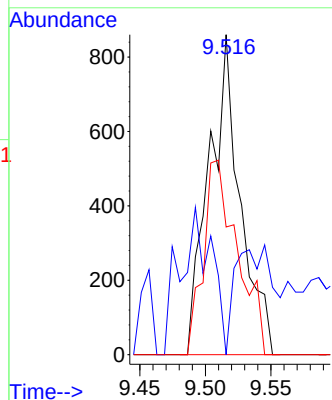
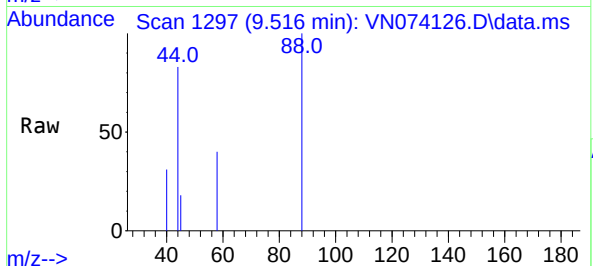




#49
1,4-Dioxane
Concen: 9.074 ug/l
RT: 9.516 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

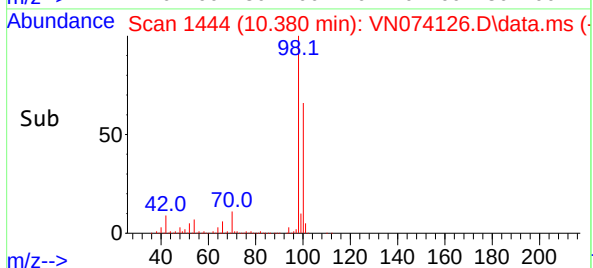
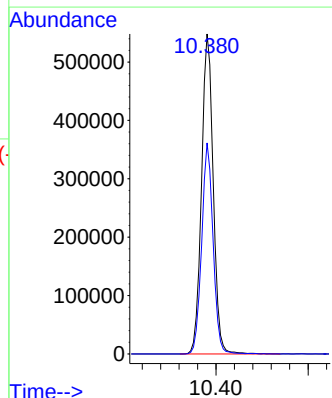
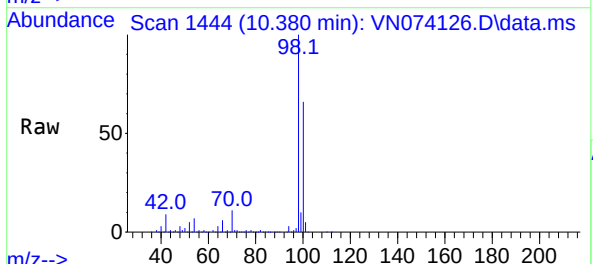
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

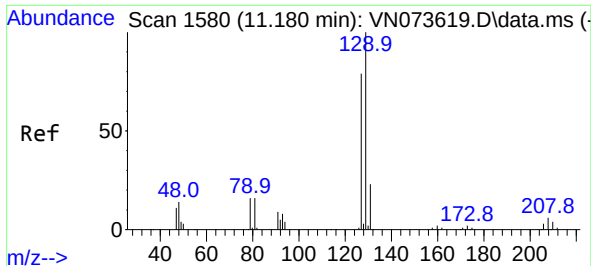
Tgt Ion: 88 Resp: 1424
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 66.2 54.2 81.4



#50
Toluene-d8
Concen: 48.612 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 98 Resp: 968626
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

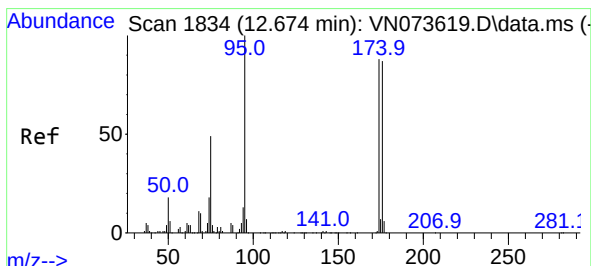
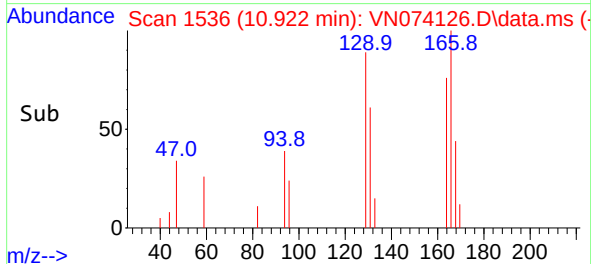
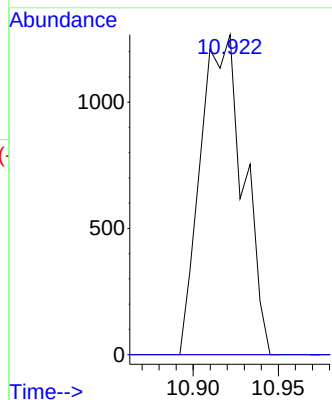
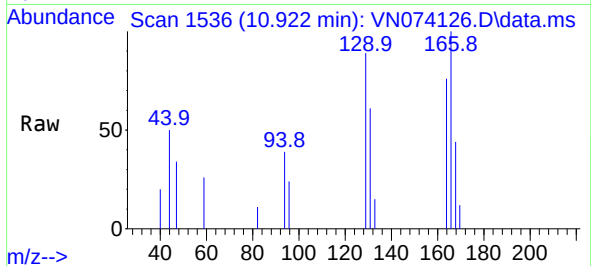




#60
Dibromochloromethane
Concen: 0.334 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.258 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

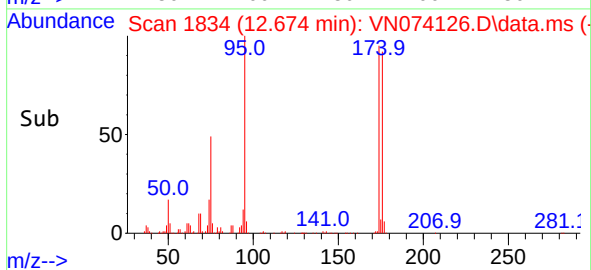
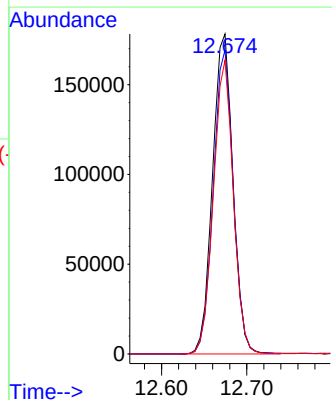
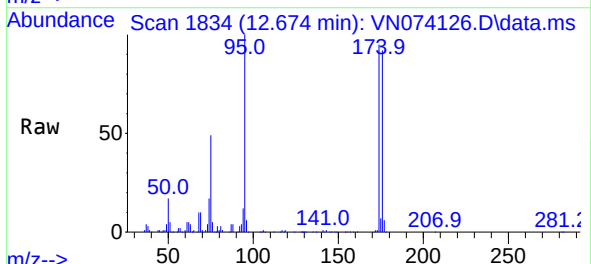
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

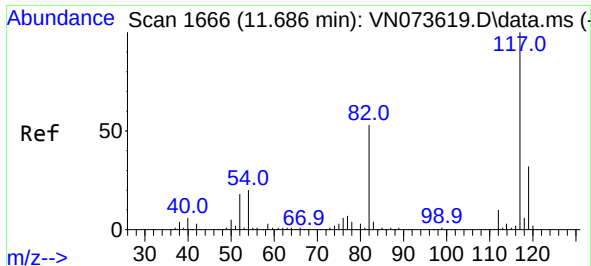
Tgt Ion:129 Resp: 2220
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.950 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 95 Resp: 297250
Ion Ratio Lower Upper
95 100
174 93.4 0.0 167.6
176 89.4 0.0 163.4

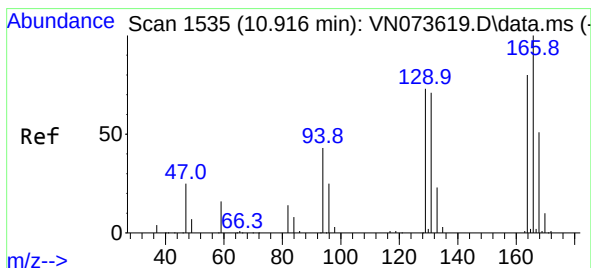
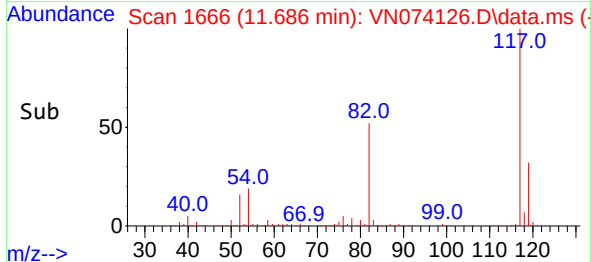
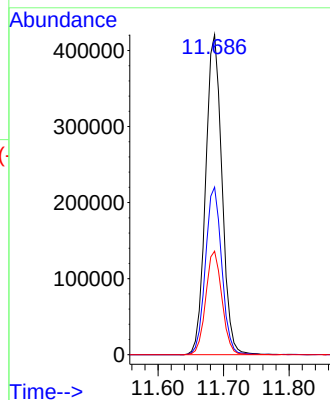
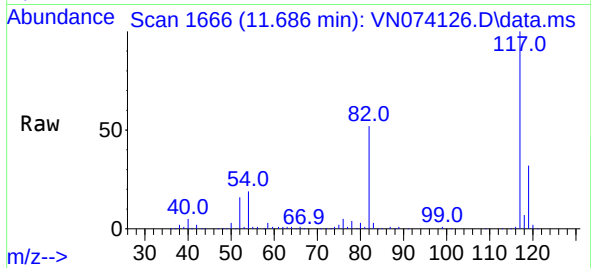




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

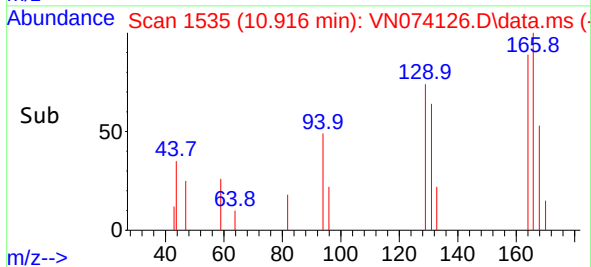
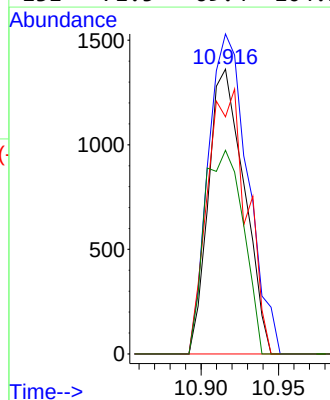
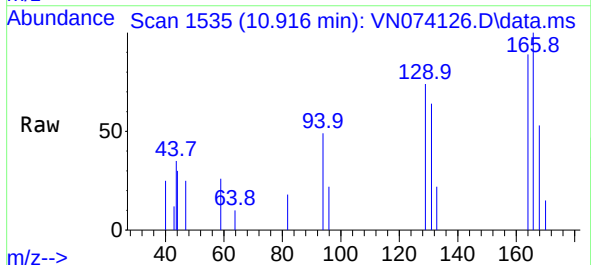
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

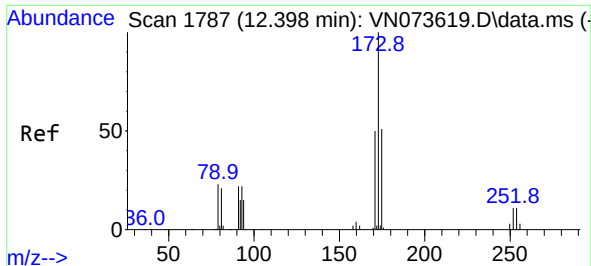
Tgt Ion:117 Resp: 729614
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 0.379 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion:164 Resp: 2184
Ion Ratio Lower Upper
164 100
166 112.3 104.2 156.2
129 83.3 73.9 110.9
131 71.5 69.4 104.2

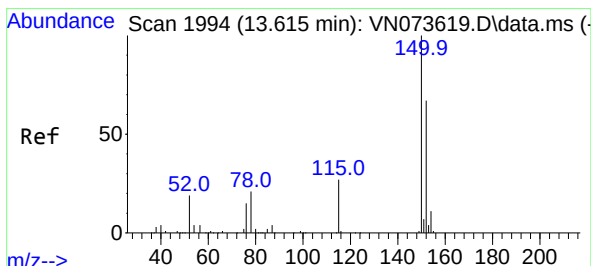
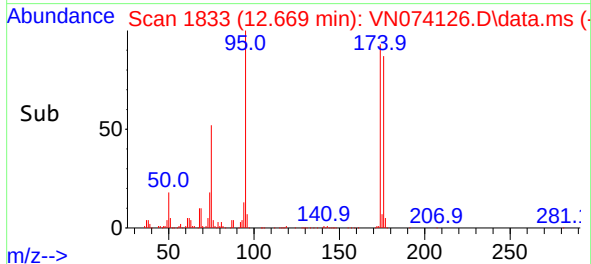
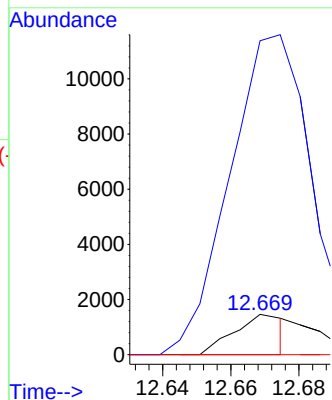
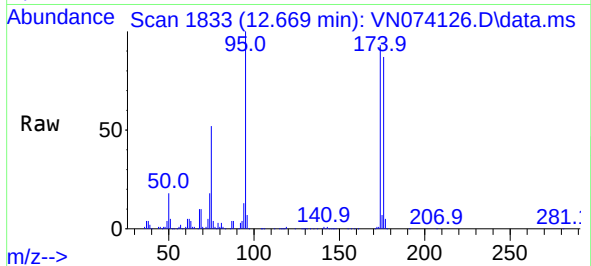




#71
Bromoform
Concen: 0.287 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

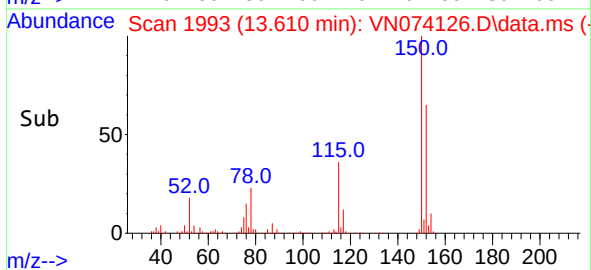
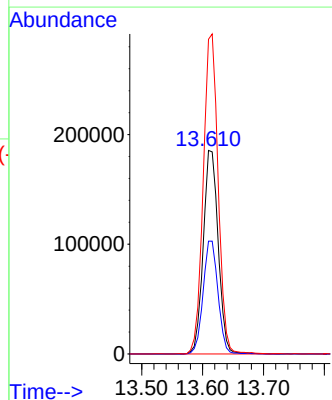
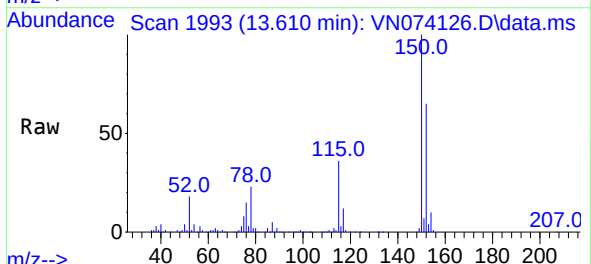
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

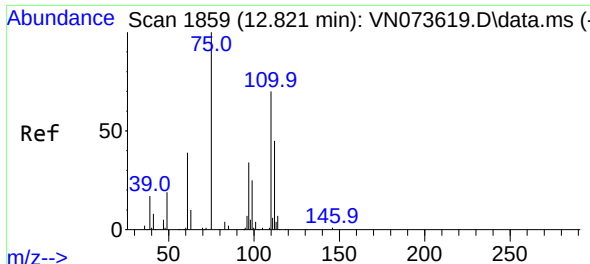
Tgt Ion:173 Resp: 1507
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.005 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion:152 Resp: 316900
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 156.7 0.0 356.2

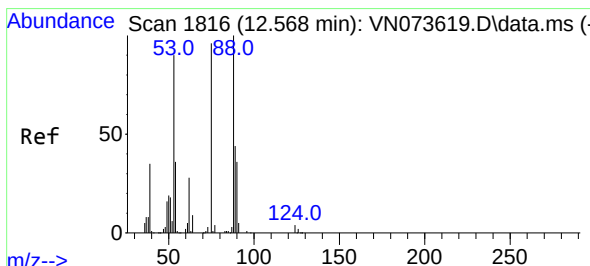
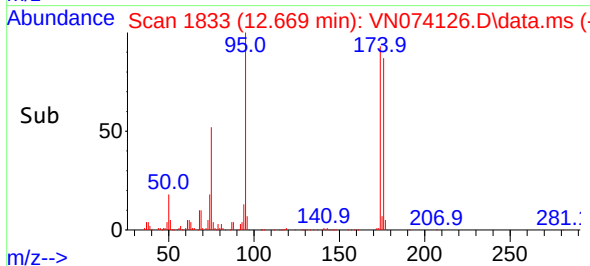
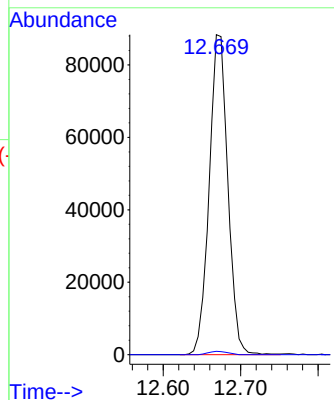
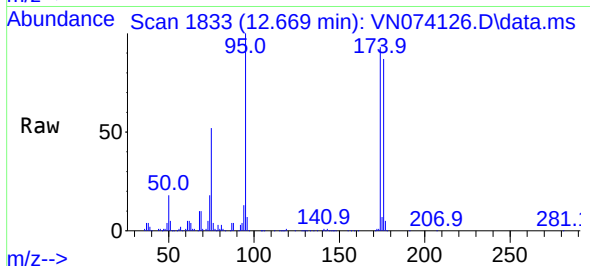




#76
1,2,3-Trichloropropane
Concen: 22.462 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

Tgt Ion: 75 Resp: 147949
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.885 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074126.D
Acq: 25 Aug 2022 20:07

Tgt Ion: 75 Resp: 147949
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

