

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074619.D
 Acq On : 21 Sep 2022 17:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 22 06:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

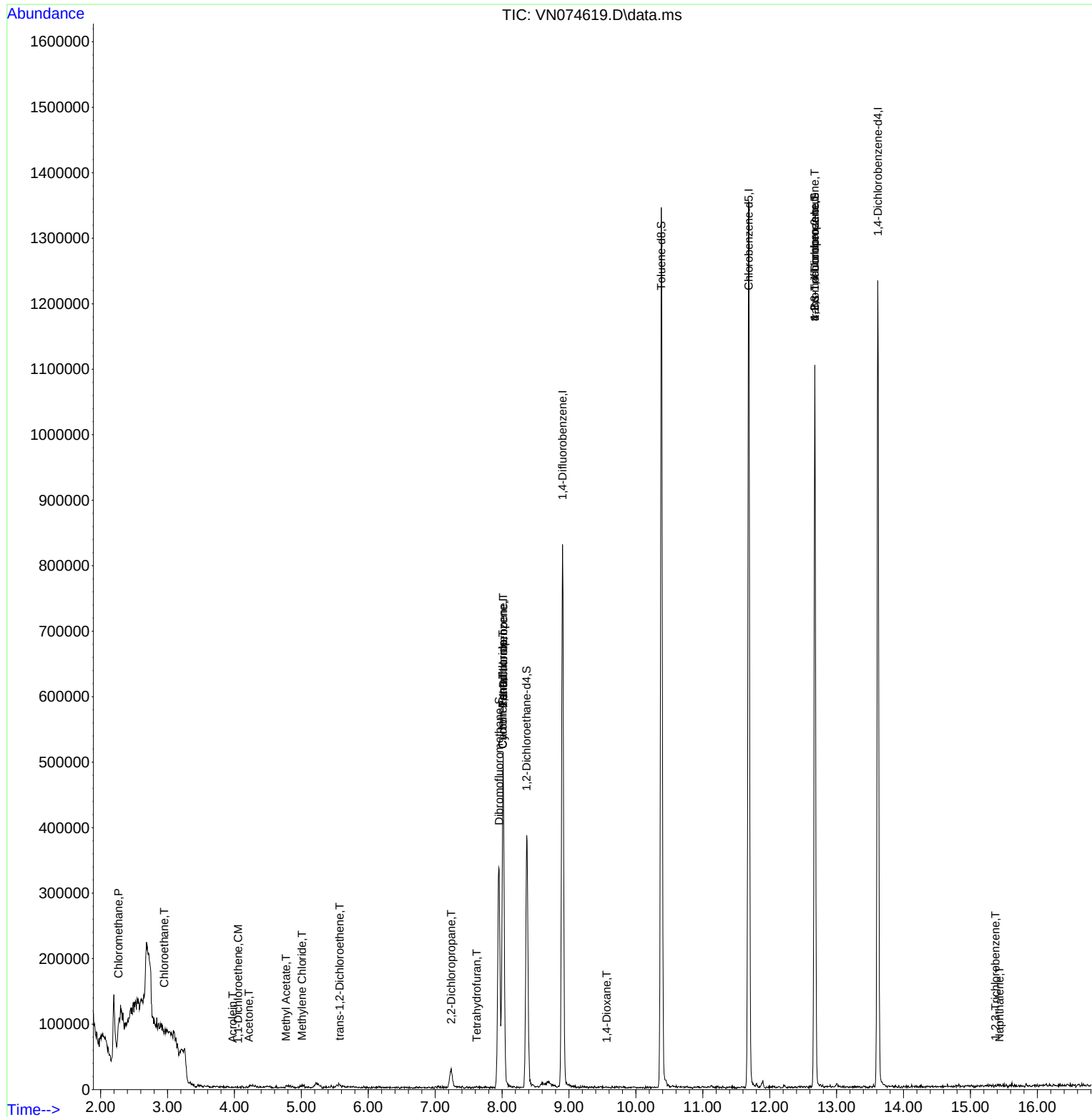
Internal Standards						
1) Pentafluorobenzene	8.016	168	340885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	659717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	679413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	289914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	289199	50.000	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.000%	
35) Dibromofluoromethane	7.957	113	237763	54.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.500%	
50) Toluene-d8	10.380	98	851027	50.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.674	95	315604	54.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2148	0.601	ug/l #	43
6) Chloroethane	2.951	64	5576	1.222	ug/l #	63
12) 1,1-Dichloroethene	4.057	96	65	0.699	ug/l #	1
13) Acrolein	3.975	56	187	0.272	ug/l #	16
16) Acetone	4.216	43	1959	0.529	ug/l #	63
18) Methyl Acetate	4.769	43	3532	0.307	ug/l #	48
20) Methylene Chloride	5.010	84	2298	0.437	ug/l #	70
21) trans-1,2-Dichloroethene	5.575	96	129	0.455	ug/l #	1
26) 2,2-Dichloropropane	7.239	77	2096	0.226	ug/l #	53
29) Tetrahydrofuran	7.622	42	1524	0.377	ug/l #	32
31) Cyclohexane	8.010	56	11950	1.164	ug/l #	74
36) 1,1-Dichloropropene	8.016	75	33769	4.353	ug/l #	46
38) Carbon Tetrachloride	8.010	117	34961	4.882	ug/l #	17
49) 1,4-Dioxane	9.563	88	186	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	184221	20.644	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	184221	44.556	ug/l #	11
95) Naphthalene	15.433	128	630	1.614	ug/l #	51
96) 1,2,3-Trichlorobenzene	15.374	180	66	1.347	ug/l #	12

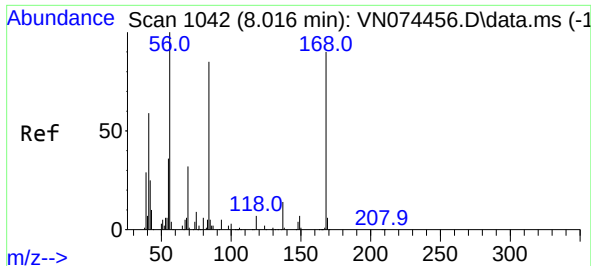
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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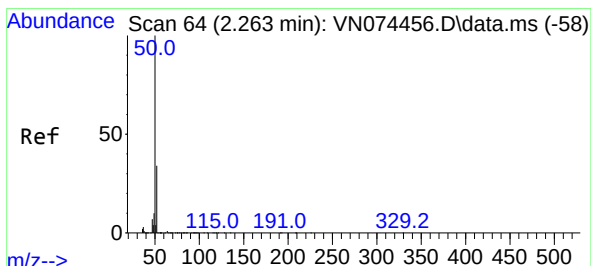
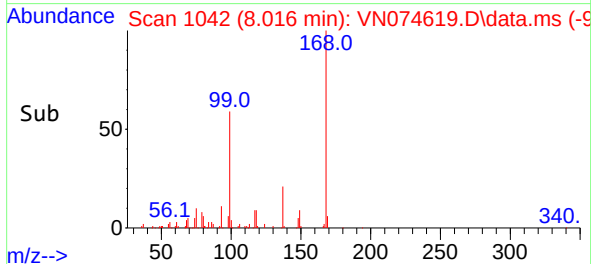
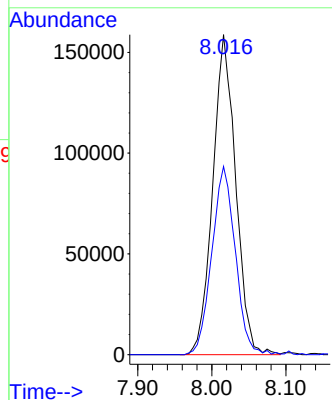
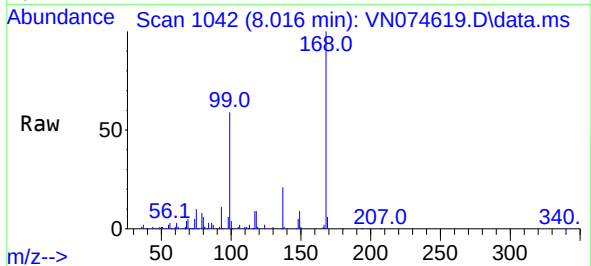




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

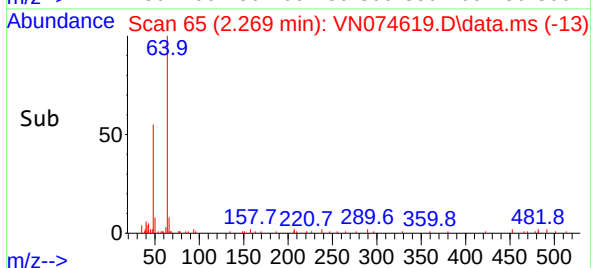
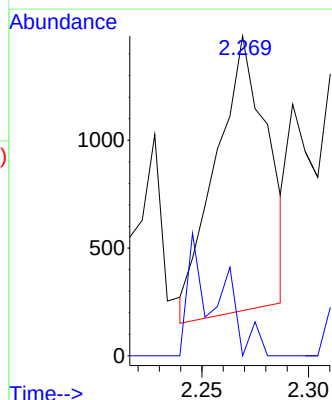
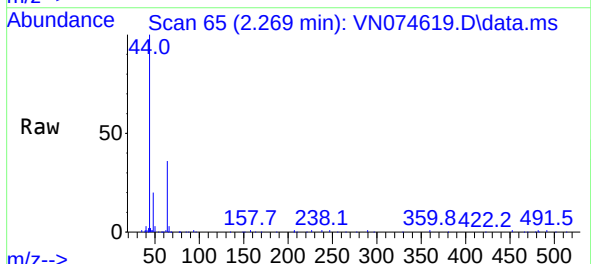
Instrument :
MSVOA_N
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IBLK

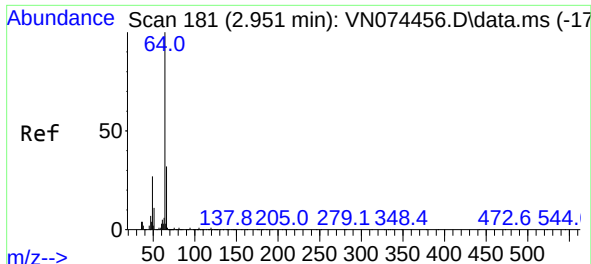
Tgt Ion:168 Resp: 340885
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#3
Chloromethane
Concen: 0.601 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 50 Resp: 2148
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

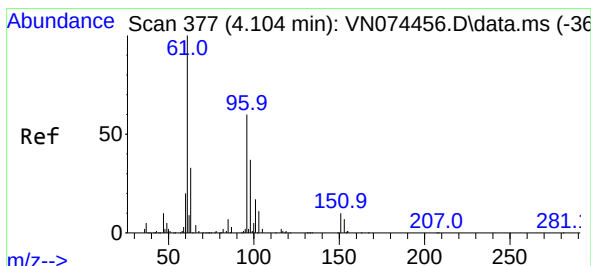
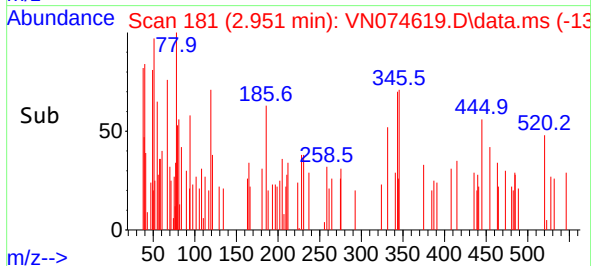
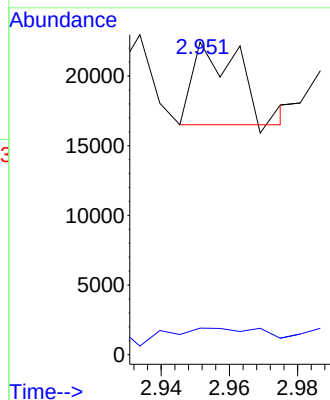
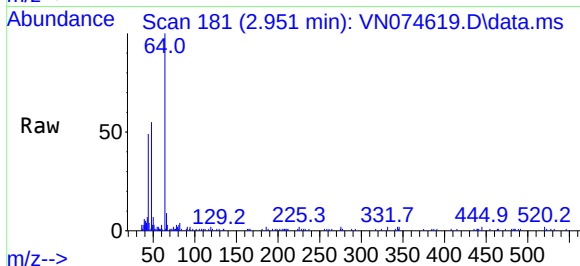




#6
Chloroethane
Concen: 1.222 ug/l
RT: 2.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

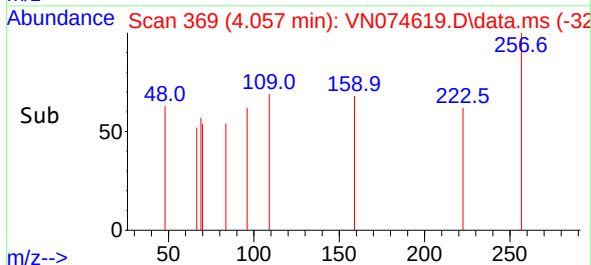
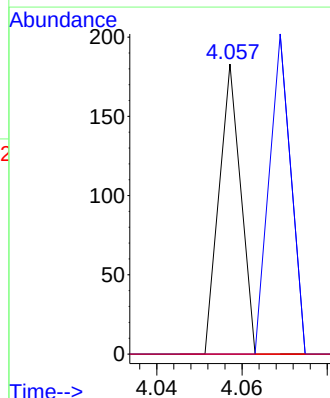
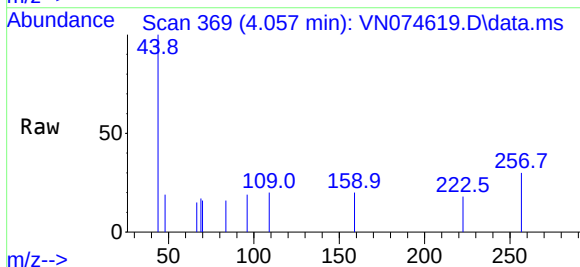
Instrument :
MSVOA_N
ClientSampleId :
IBLK

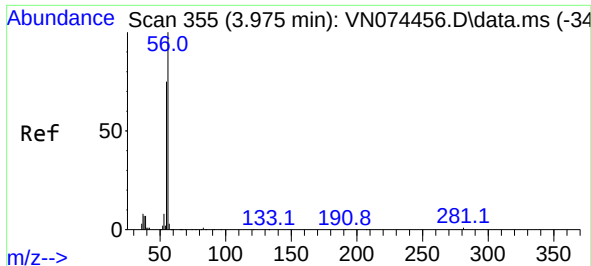
Tgt Ion: 64 Resp: 5576
Ion Ratio Lower Upper
64 100
66 12.2 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.699 ug/l
RT: 4.057 min Scan# 369
Delta R.T. -0.047 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

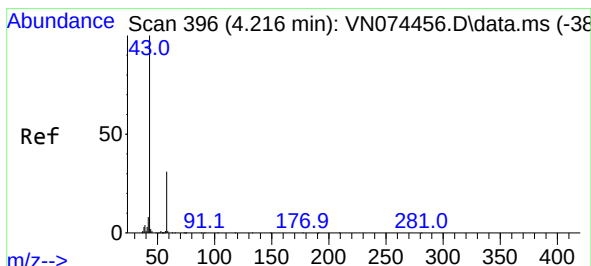
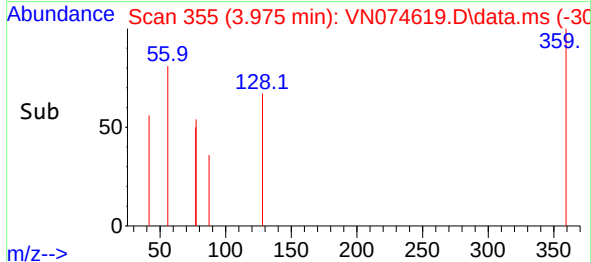
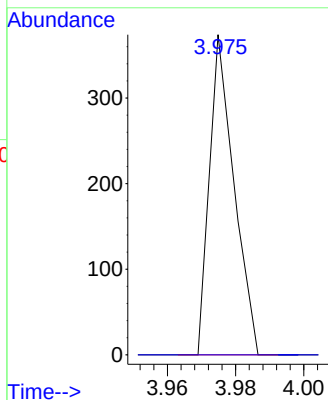
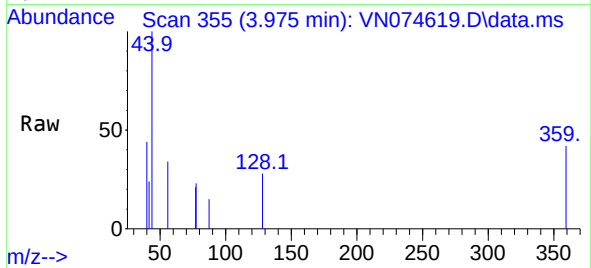




#13
Acrolein
Concen: 0.272 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

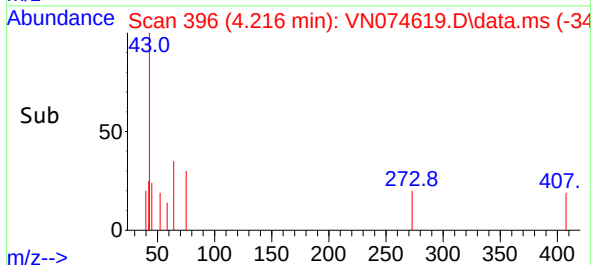
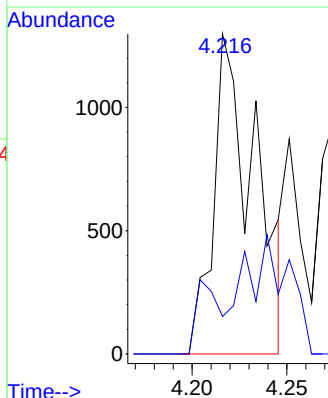
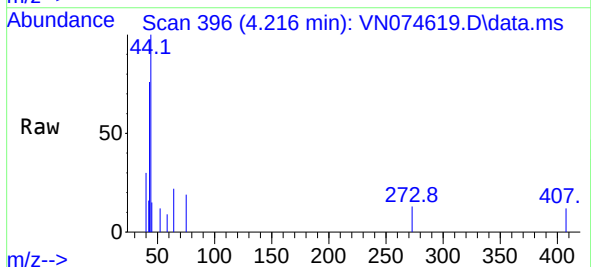
Instrument :
MSVOA_N
ClientSampleId :
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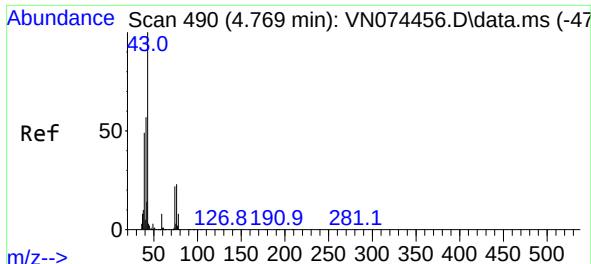
Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 0.529 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 11.7 26.0 39.0#

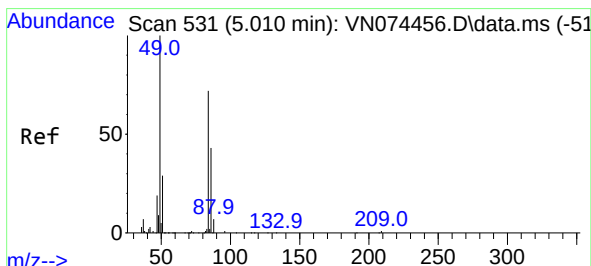
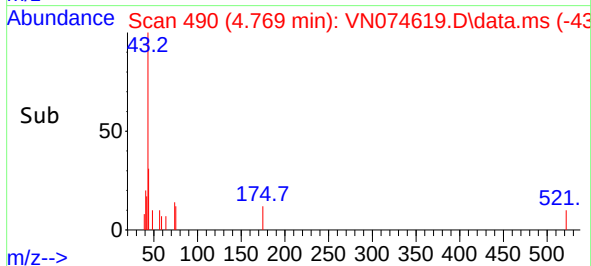
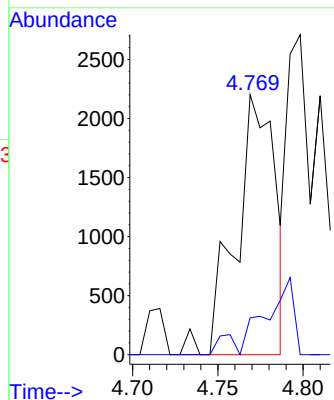
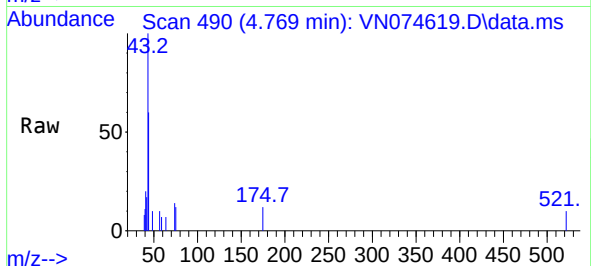




#18
Methyl Acetate
Concen: 0.307 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

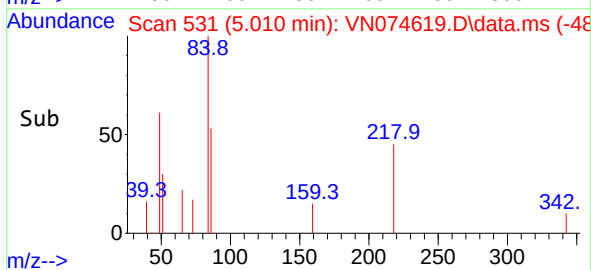
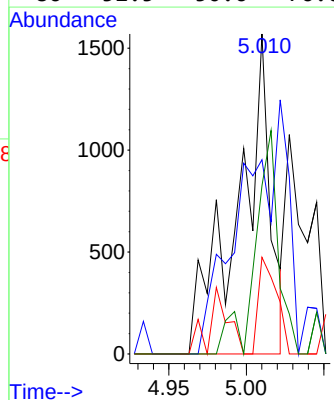
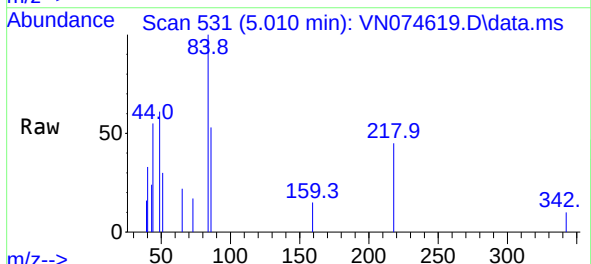
Instrument :
MSVOA_N
ClientSampleId :
IBLK

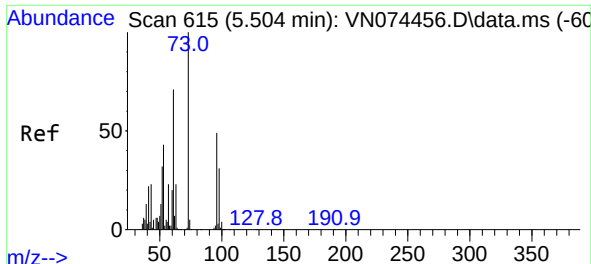
Tgt Ion: 43 Resp: 3532
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 84 Resp: 2298
Ion Ratio Lower Upper
84 100
49 60.7 88.3 132.5#
51 30.2 28.2 42.2
86 52.5 50.6 76.0

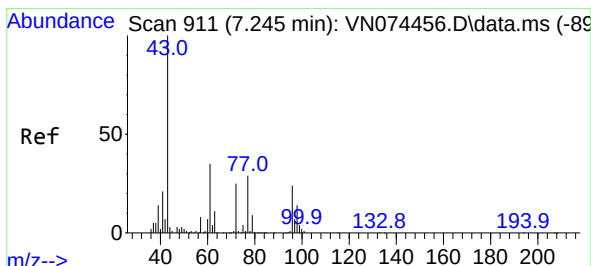
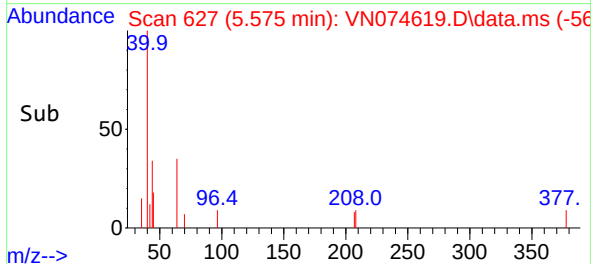
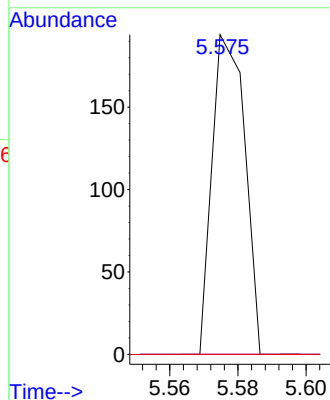
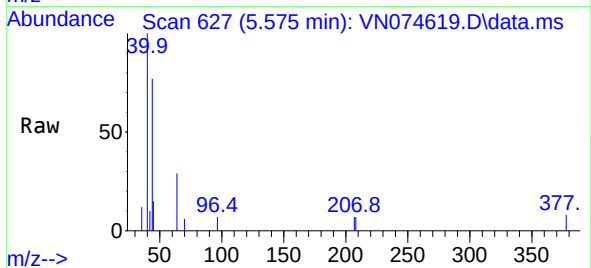




#21
trans-1,2-Dichloroethene
Concen: 0.455 ug/l
RT: 5.575 min Scan# 61
Delta R.T. 0.071 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

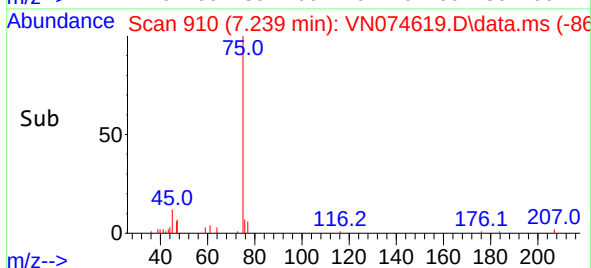
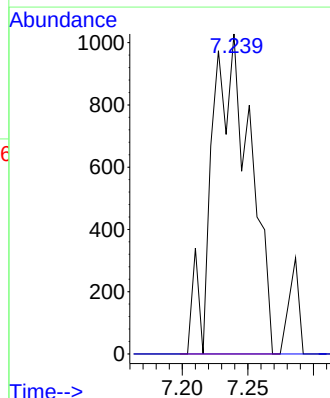
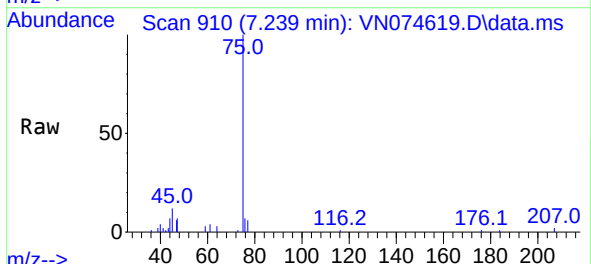
Instrument :
MSVOA_N
ClientSampleId :
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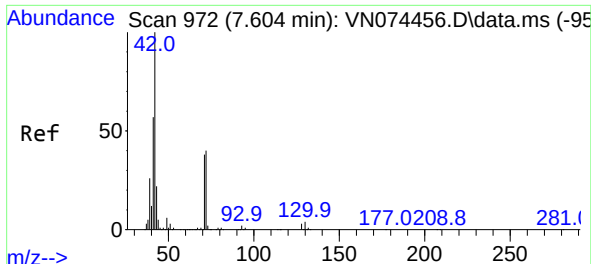
Tgt Ion: 96 Resp: 129
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 77 Resp: 2096
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.377 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN074619.D

Acq: 21 Sep 2022 17:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

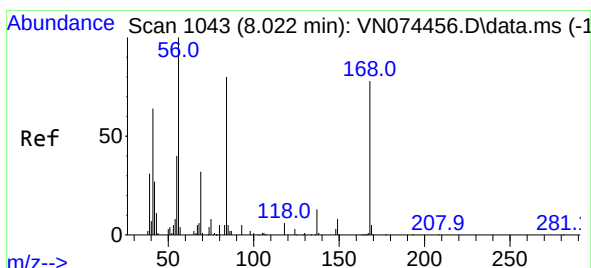
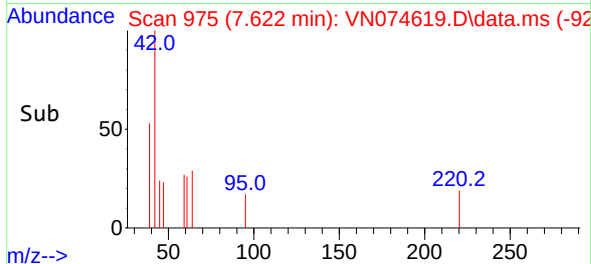
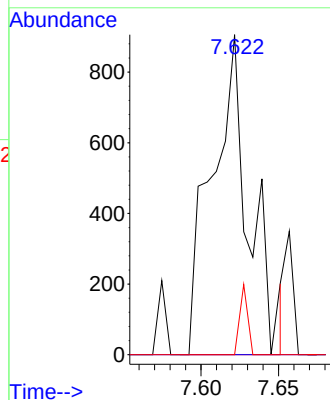
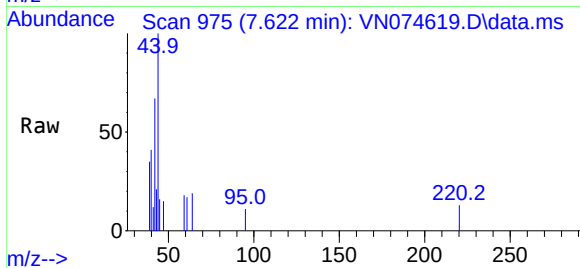
Tgt Ion: 42 Resp: 1524

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 4.6 36.6 55.0#



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074619.D

Acq: 21 Sep 2022 17:28

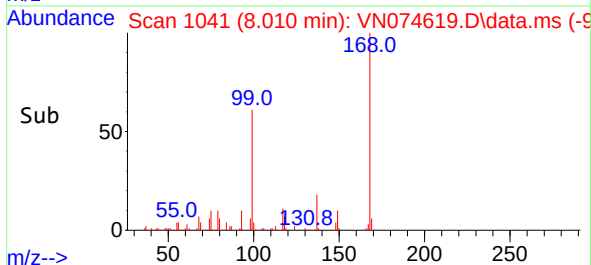
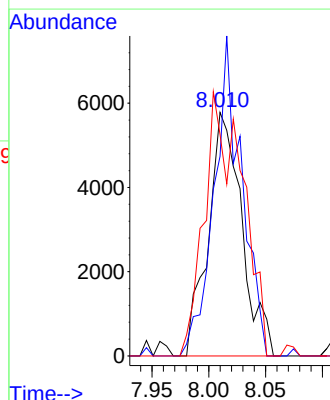
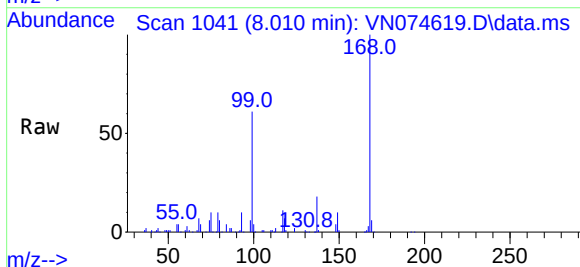
Tgt Ion: 56 Resp: 11950

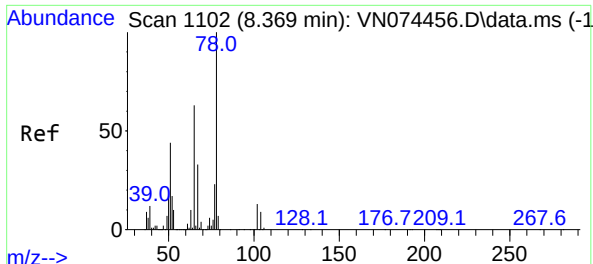
Ion Ratio Lower Upper

56 100

69 82.0 27.8 41.8#

84 91.0 76.9 115.3

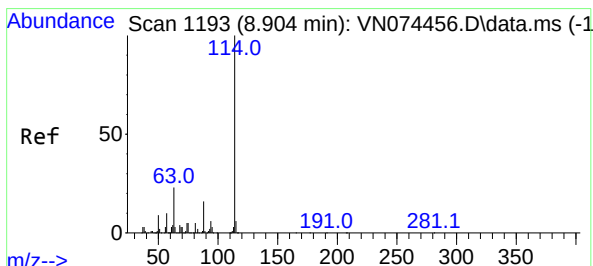
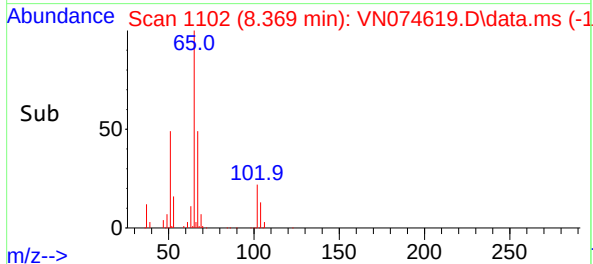
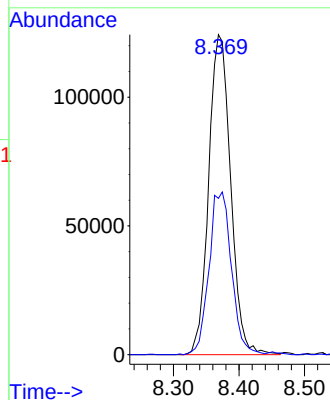
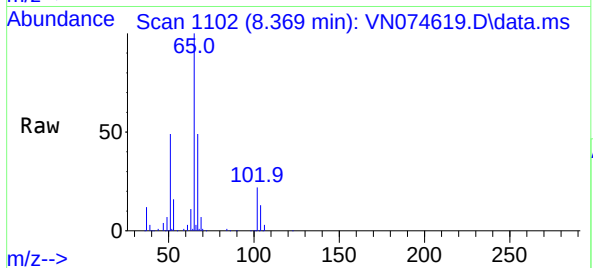




#33
1,2-Dichloroethane-d4
Concen: 50.000 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

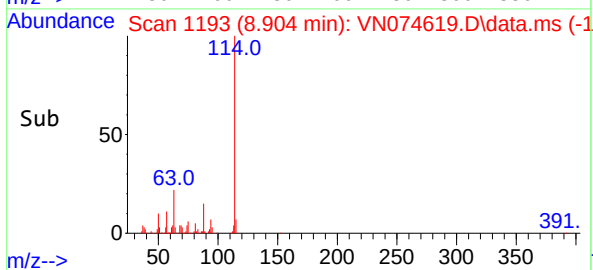
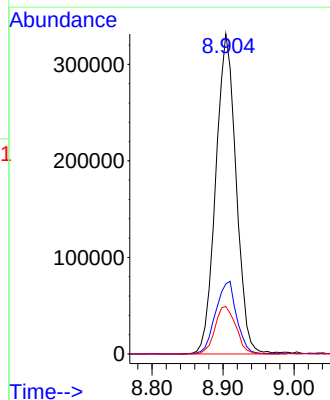
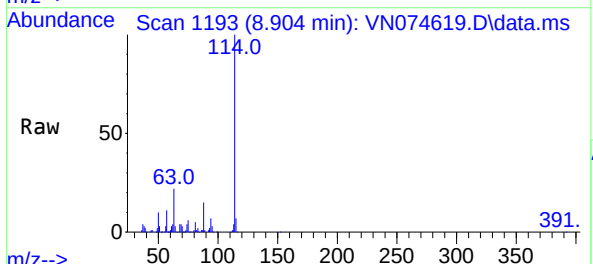
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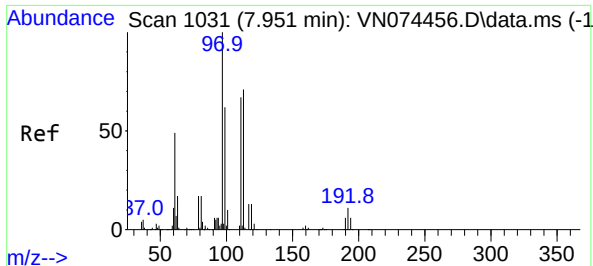
Tgt Ion: 65 Resp: 289199
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion:114 Resp: 659717
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 14.8 0.0 32.6

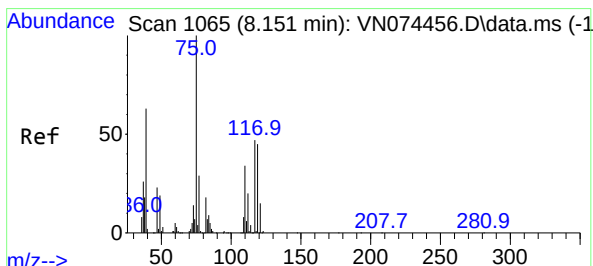
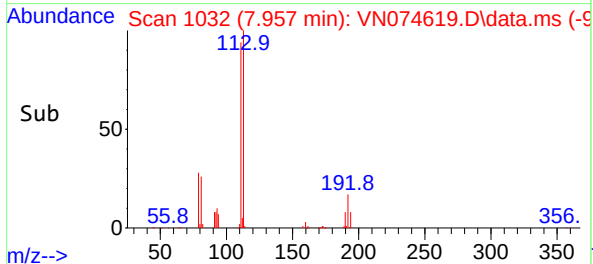
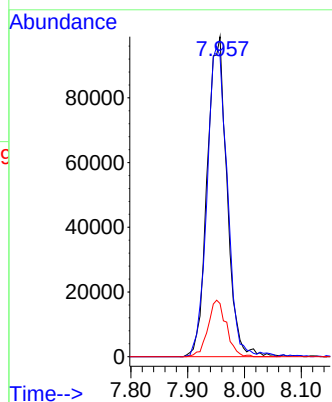
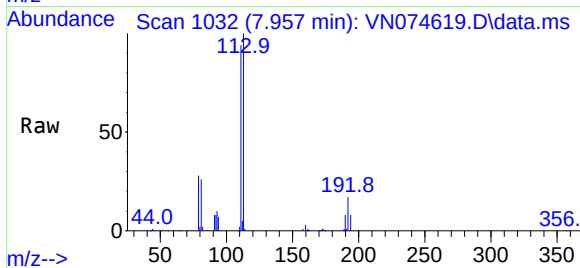




#35
Dibromofluoromethane
Concen: 54.254 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

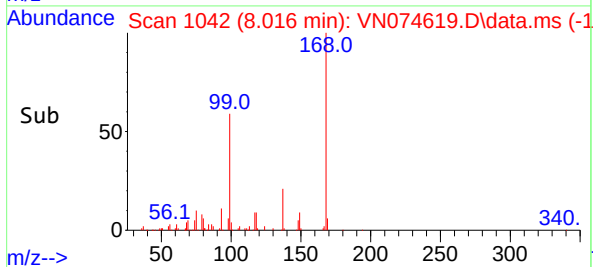
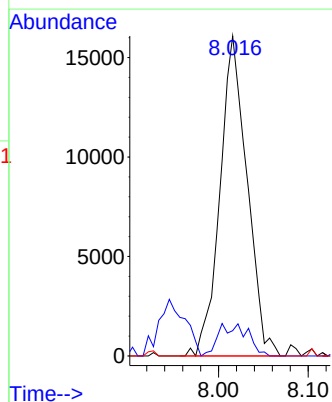
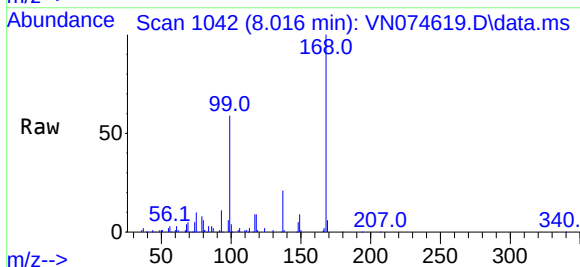
Instrument :
MSVOA_N
ClientSampleId :
IBLK

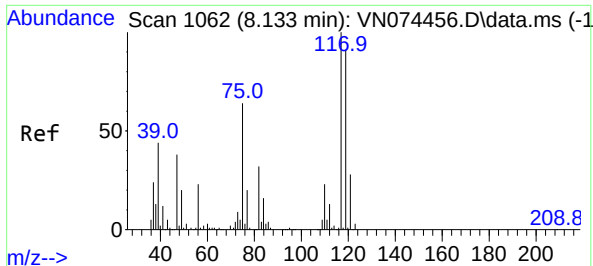
Tgt Ion:113 Resp: 237763
Ion Ratio Lower Upper
113 100
111 98.8 81.4 122.0
192 16.5 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 75 Resp: 33769
Ion Ratio Lower Upper
75 100
110 5.6 18.3 54.8#
77 0.0 25.1 37.7#

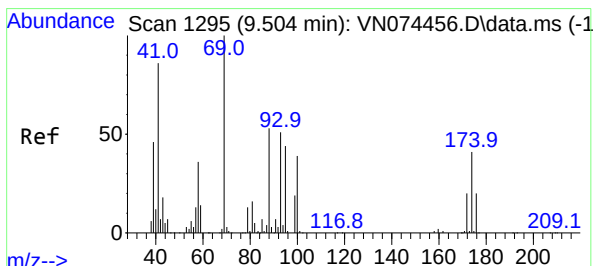
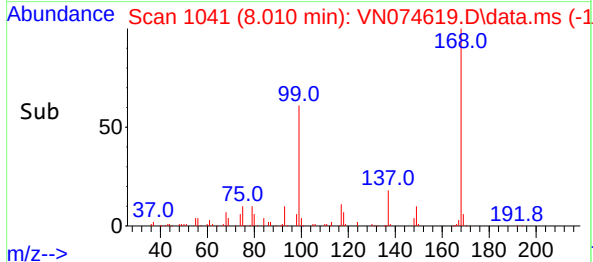
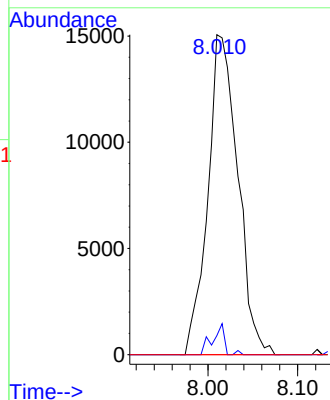
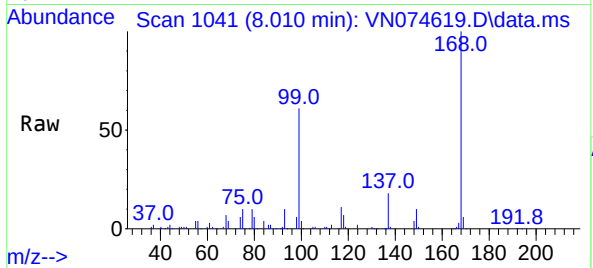




#38
Carbon Tetrachloride
Concen: 4.882 ug/l
RT: 8.010 min Scan# 10
Delta R.T. -0.123 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

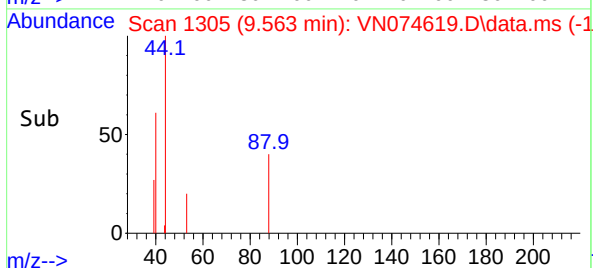
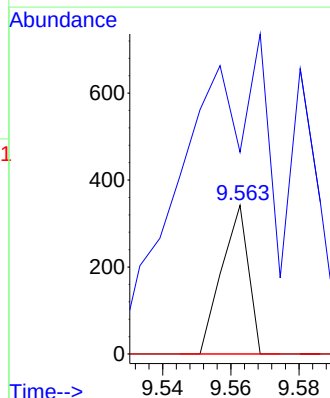
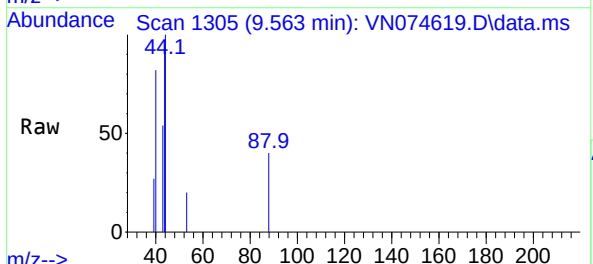
Instrument :
MSVOA_N
ClientSampleId :
IBLK

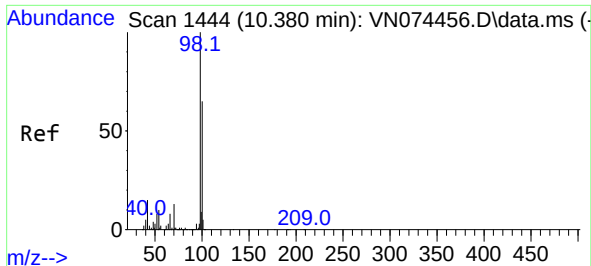
Tgt Ion:117 Resp: 34961
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.163 ug/l
RT: 9.563 min Scan# 1305
Delta R.T. 0.059 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 850.5 20.2 30.4#
58 0.0 54.2 81.4#

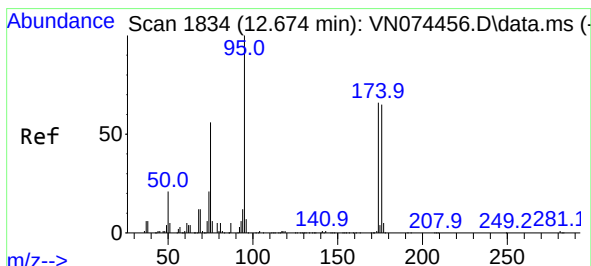
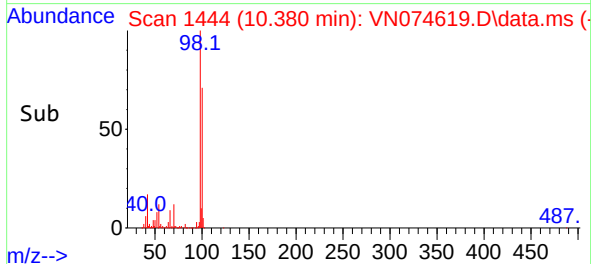
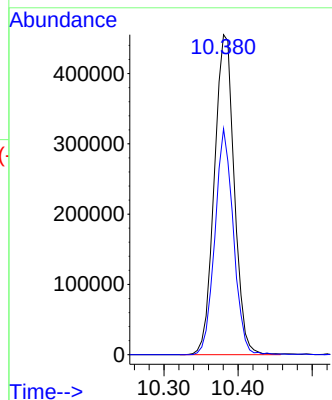
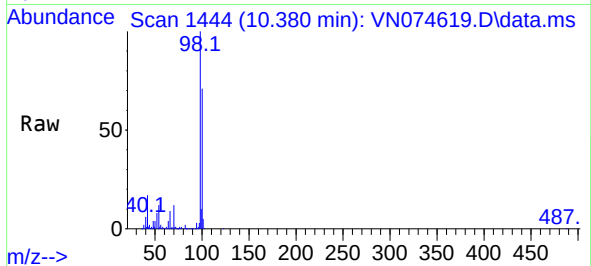




#50
Toluene-d8
Concen: 50.213 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

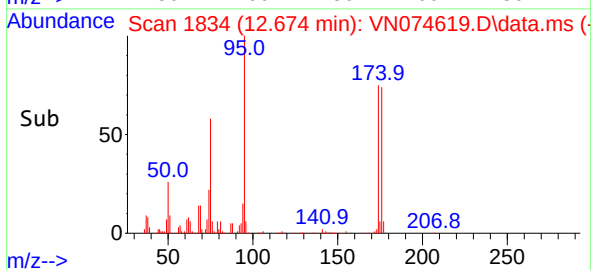
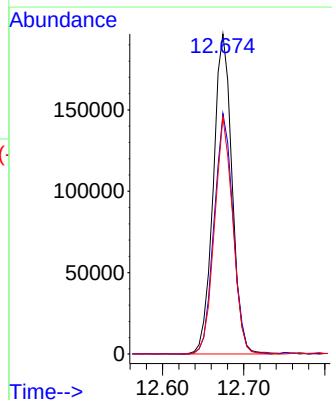
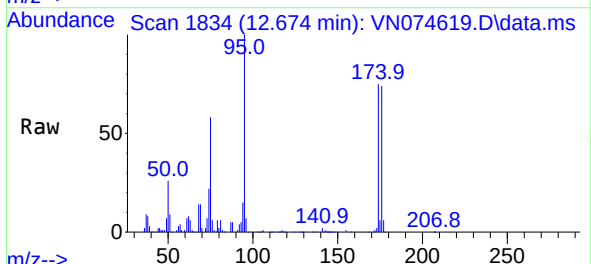
Instrument :
MSVOA_N
ClientSampleId :
IBLK

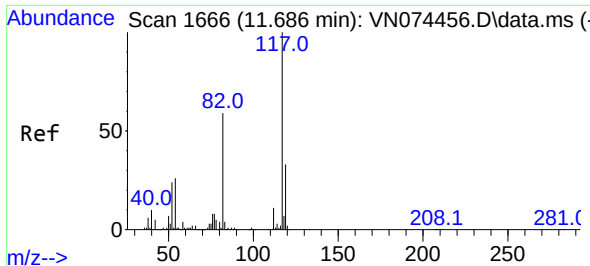
Tgt Ion: 98 Resp: 851027
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.370 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 95 Resp: 315604
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.4 0.0 163.4

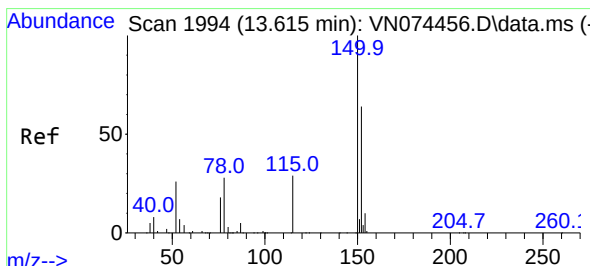
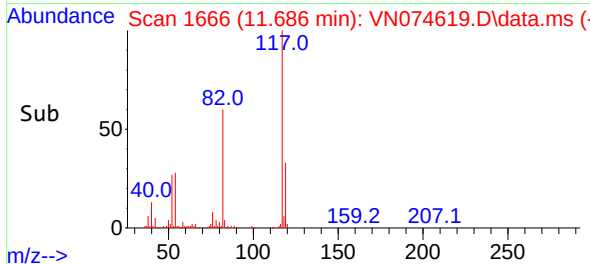
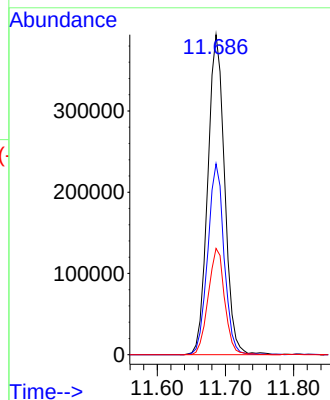
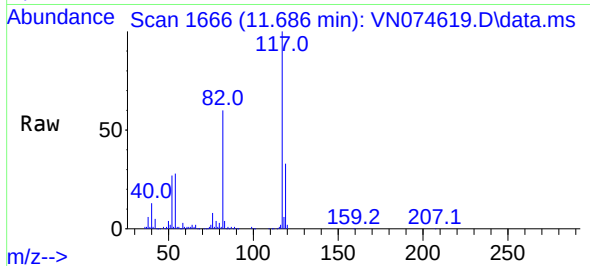




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

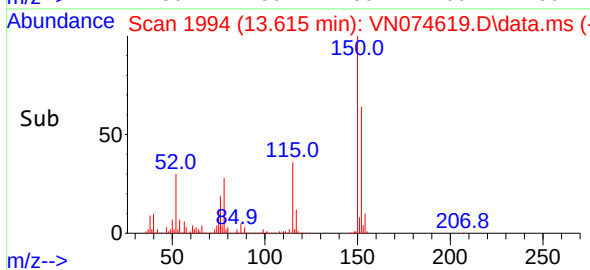
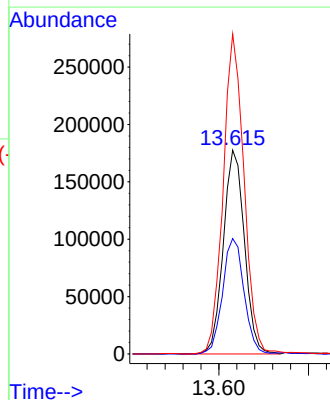
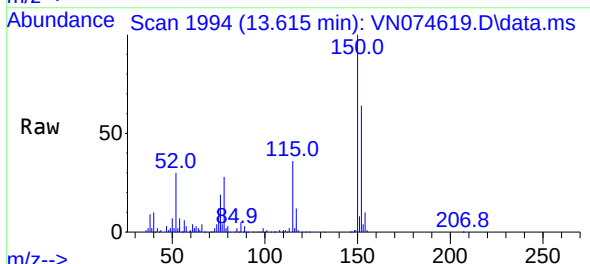
Instrument :
MSVOA_N
ClientSampleId :
IBLK

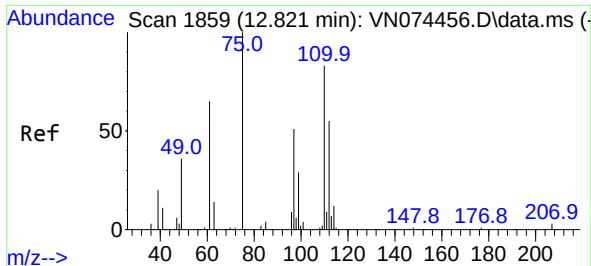
Tgt Ion:	117	Resp:	679413
Ion	Ratio	Lower	Upper
117	100		
82	59.7	44.2	66.2
119	33.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion:	152	Resp:	289914
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.9	86.7
150	155.6	0.0	356.2

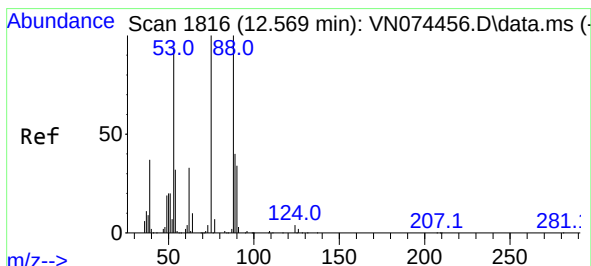
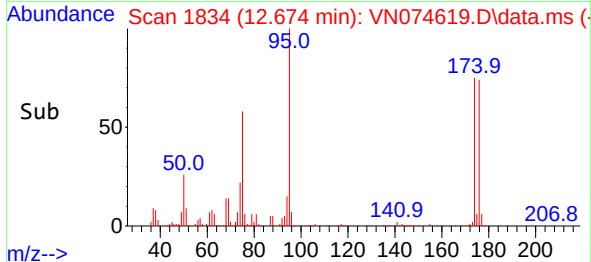
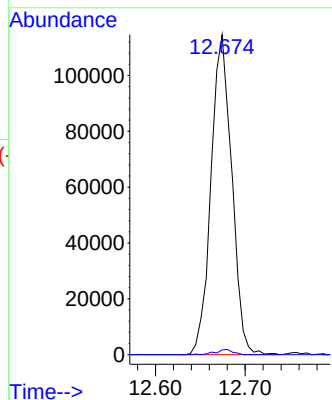
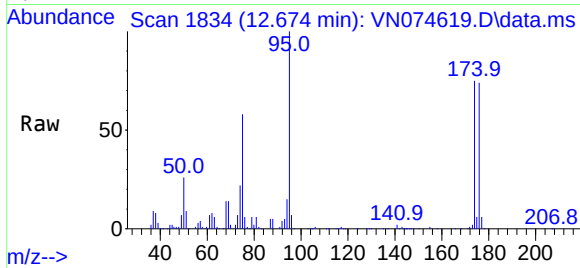




#76
1,2,3-Trichloropropane
Concen: 20.644 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

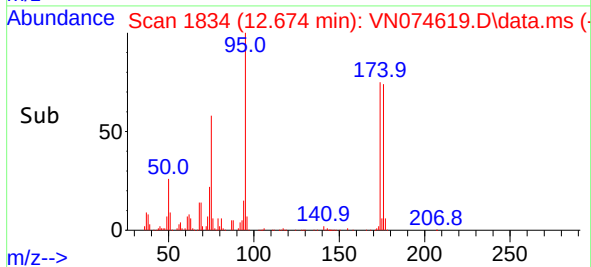
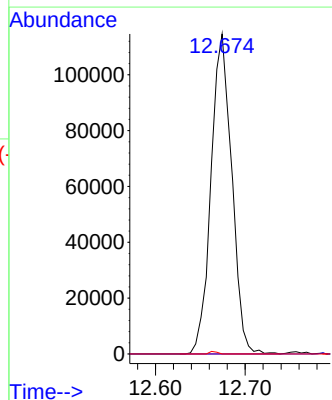
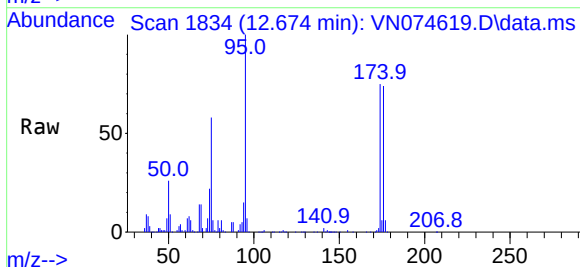
Instrument :
MSVOA_N
ClientSampleId :
IBLK

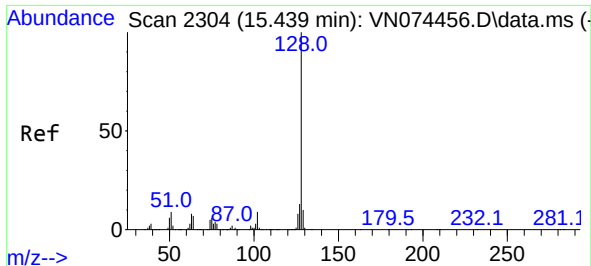
Tgt Ion: 75 Resp: 184221
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.556 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion: 75 Resp: 184221
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.3 37.2 55.8#

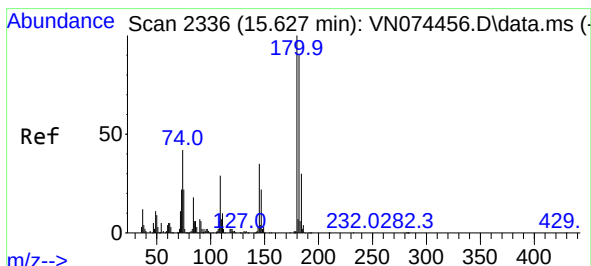
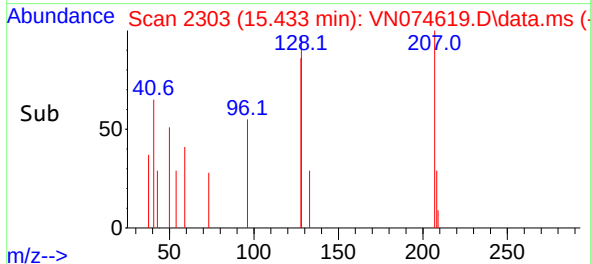
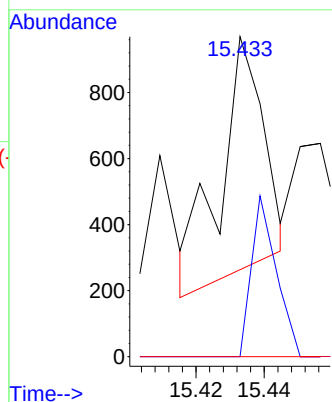
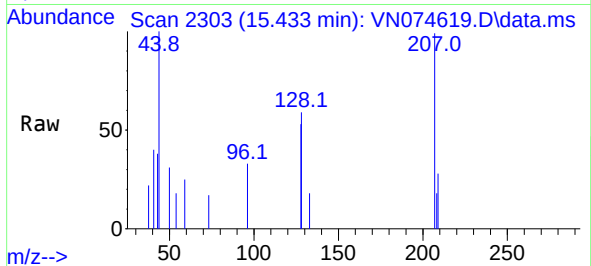




#95
Naphthalene
Concen: 1.614 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 630
Ion Ratio Lower Upper
128 100
127 38.9 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.347 ug/l
RT: 15.374 min Scan# 2293
Delta R.T. -0.253 min
Lab File: VN074619.D
Acq: 21 Sep 2022 17:28

Tgt Ion:180 Resp: 66
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

