

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074591.D
 Acq On : 19 Sep 2022 17:17
 Operator : JC\MD
 Sample : N4682-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 006-2

Quant Time: Sep 20 04:20:44 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)

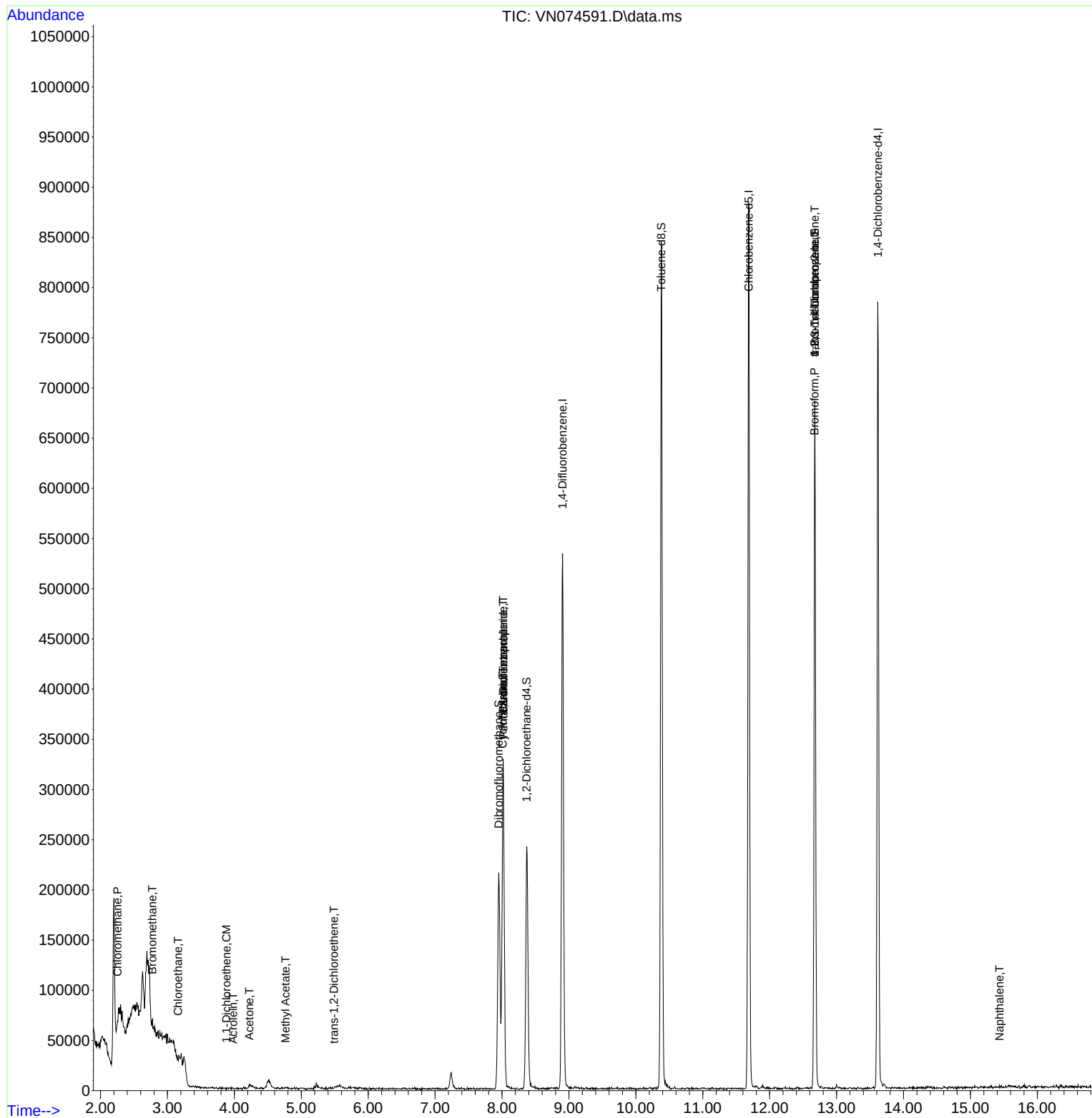
Internal Standards						
1) Pentafluorobenzene	8.022	168	219396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	428775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	437592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	184449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180671	48.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.060%		
35) Dibromofluoromethane	7.951	113	148868	52.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.540%		
50) Toluene-d8	10.381	98	539773	49.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.674	95	202157	53.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.160%		
Target Compounds						Qvalue
3) Chloromethane	2.252	50	756	0.446	ug/l #	43
5) Bromomethane	2.775	94	493	0.218	ug/l #	38
6) Chloroethane	3.157	64	1441	0.491	ug/l #	68
12) 1,1-Dichloroethene	3.881	96	317	0.793	ug/l #	1
13) Acrolein	3.981	56	342	0.772	ug/l #	16
16) Acetone	4.222	43	2952	1.239	ug/l #	68
18) Methyl Acetate	4.763	43	1556	0.210	ug/l #	48
21) trans-1,2-Dichloroethene	5.487	96	71	0.451	ug/l #	1
31) Cyclohexane	8.010	56	7022	1.063	ug/l #	38
36) 1,1-Dichloropropene	8.016	75	22267	4.417	ug/l #	49
38) Carbon Tetrachloride	8.016	117	26635	5.722	ug/l #	15
71) Bromoform	12.669	173	1516	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	121419	21.386	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	121419	46.158	ug/l #	10
95) Naphthalene	15.433	128	559	1.623	ug/l #	84

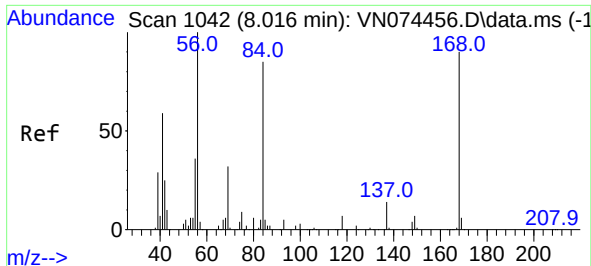
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 04:20:44 2022
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Quant Title : SW846 8260
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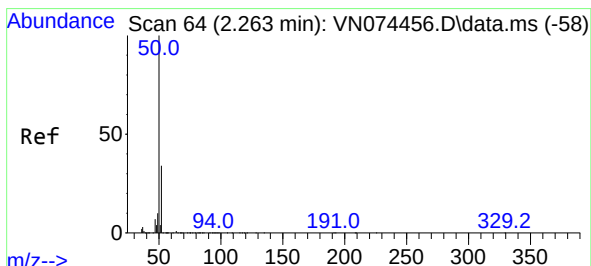
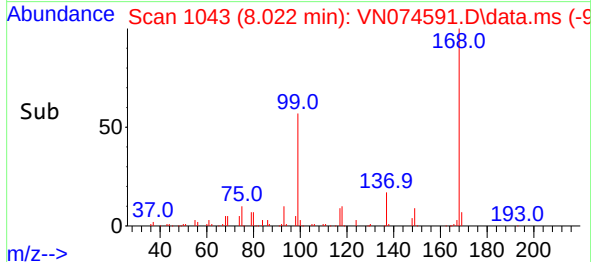
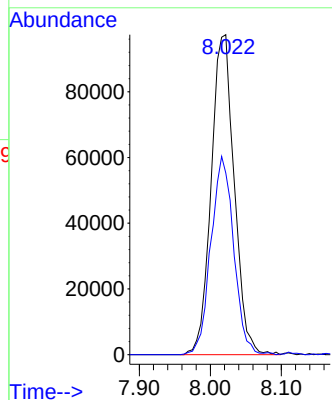
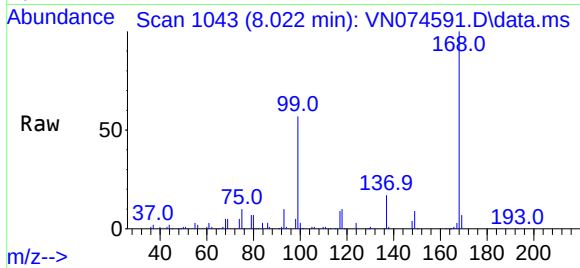




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

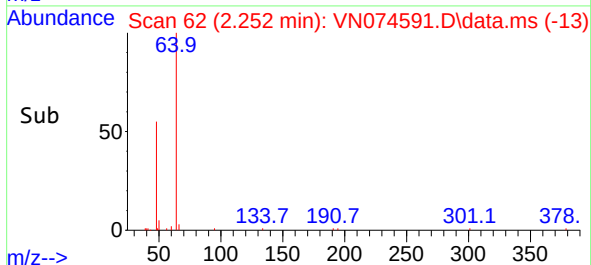
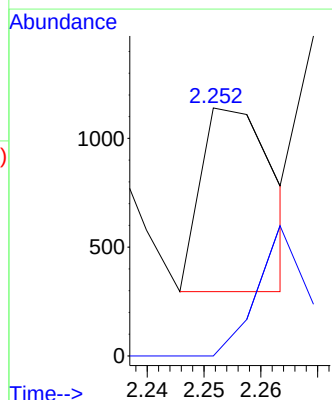
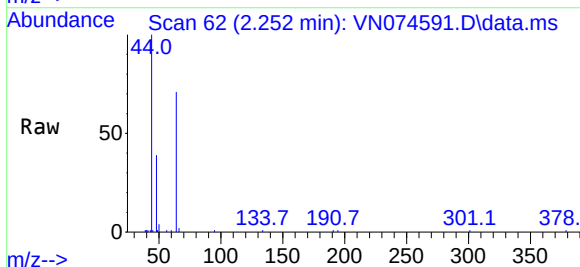
Instrument :
MSVOA_N
ClientSampleId :
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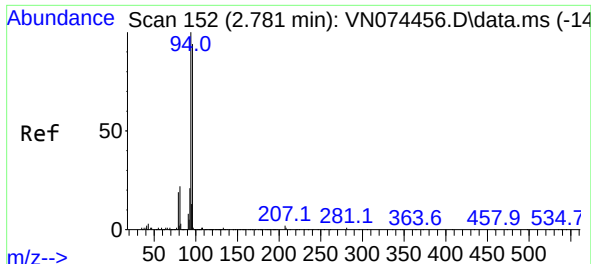
Tgt Ion:168 Resp: 219396
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#3
Chloromethane
Concen: 0.446 ug/l
RT: 2.252 min Scan# 62
Delta R.T. -0.011 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

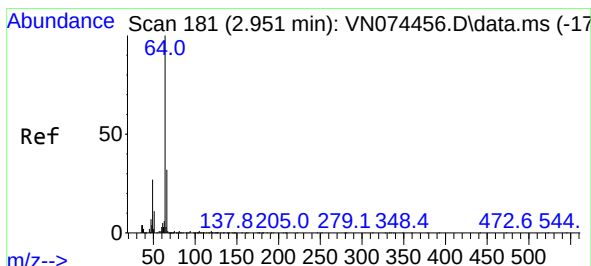
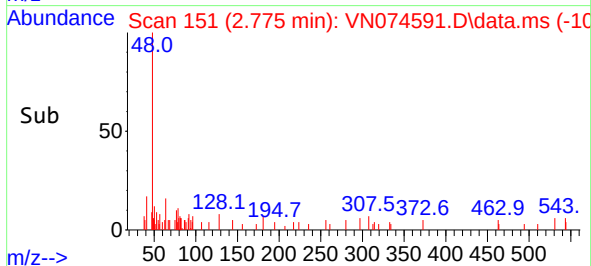
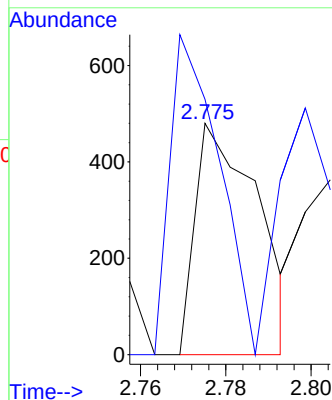
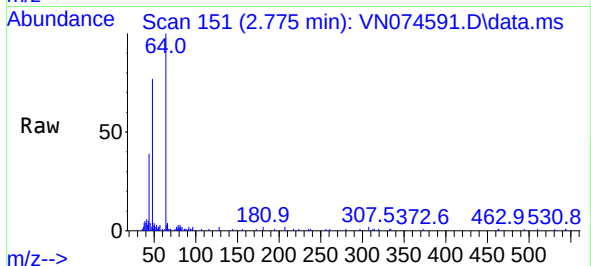




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

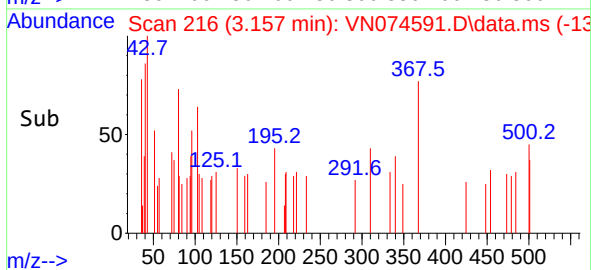
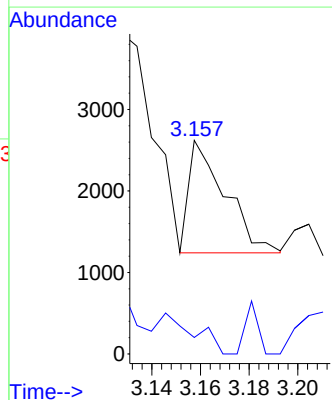
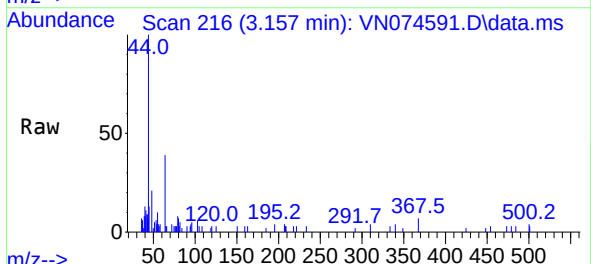
Instrument :
MSVOA_N
ClientSampleId :
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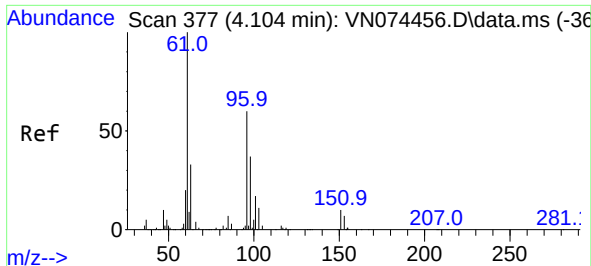
Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 35.0 76.0 114.0#



#6
Chloroethane
Concen: 0.491 ug/l
RT: 3.157 min Scan# 216
Delta R.T. 0.206 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 64 Resp: 1441
Ion Ratio Lower Upper
64 100
66 14.7 26.2 39.4#

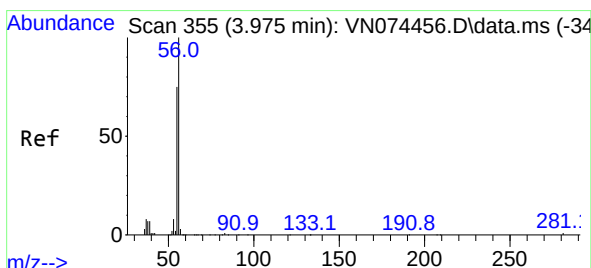
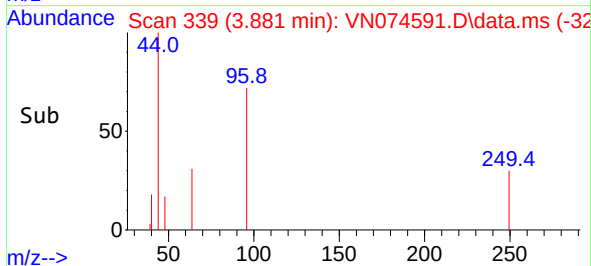
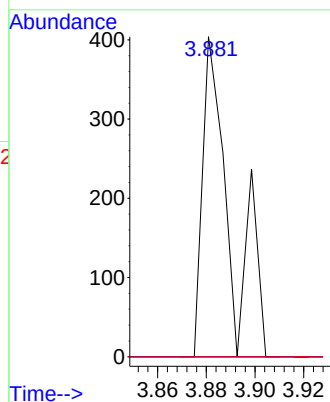
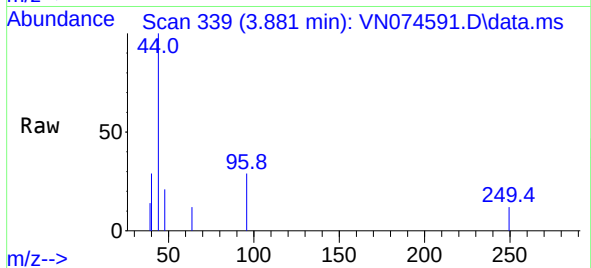




#12
1,1-Dichloroethene
Concen: 0.793 ug/l
RT: 3.881 min Scan# 317
Delta R.T. -0.223 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

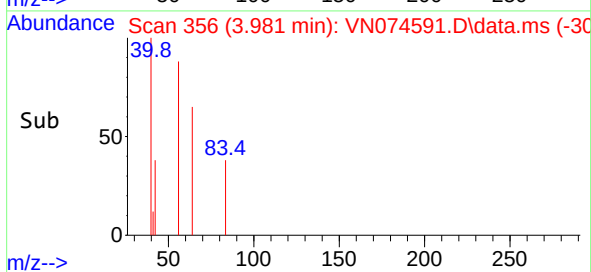
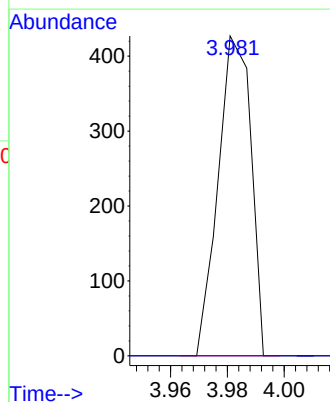
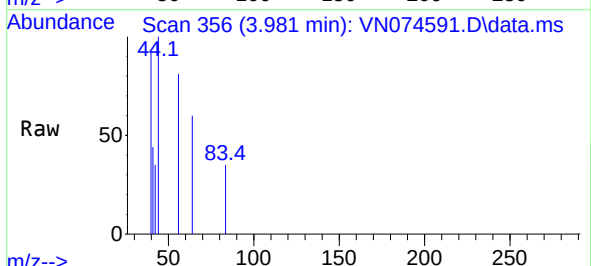
Instrument :
MSVOA_N
ClientSampleId :
006-2

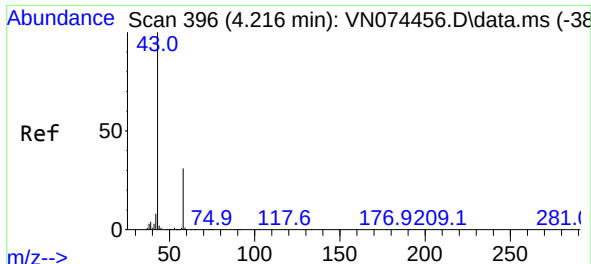
Tgt Ion: 96 Resp: 317
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.772 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

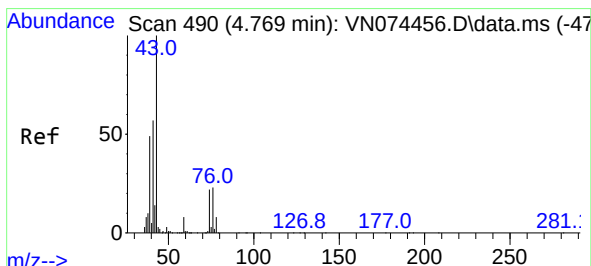
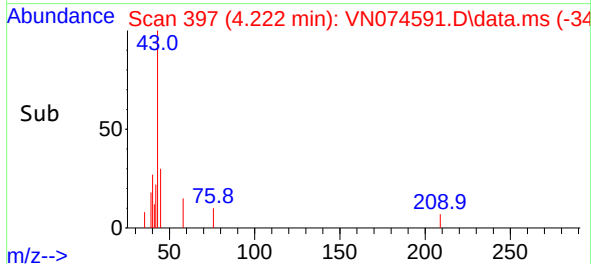
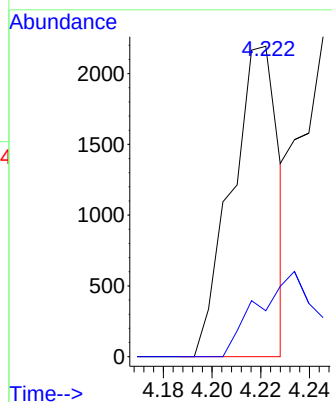
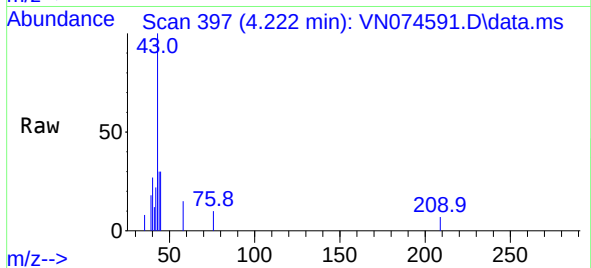




#16
Acetone
Concen: 1.239 ug/l
RT: 4.222 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

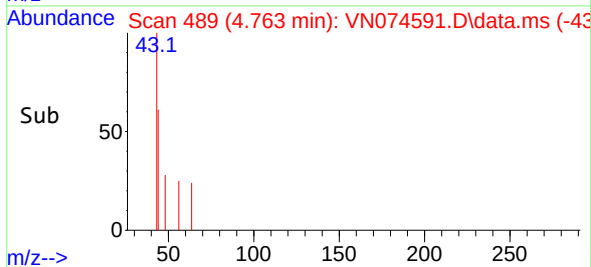
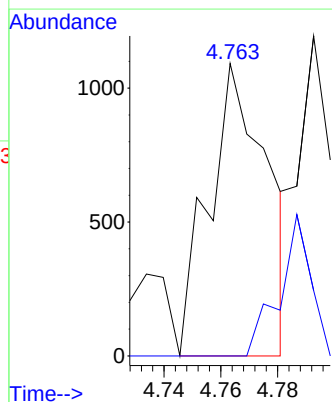
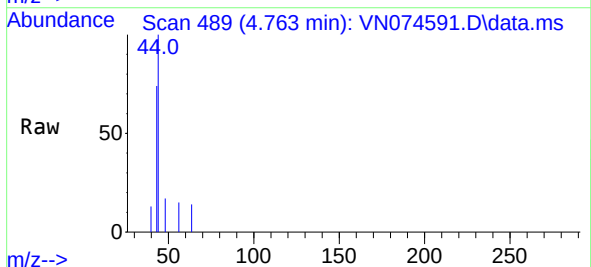
Instrument :
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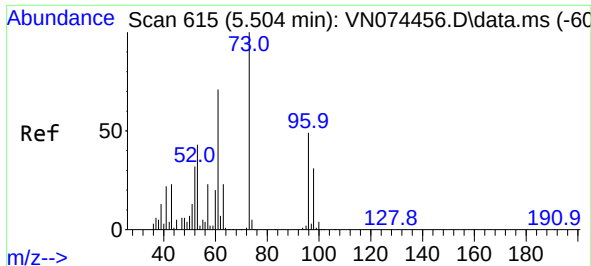
Tgt Ion: 43 Resp: 2952
Ion Ratio Lower Upper
43 100
58 14.8 26.0 39.0#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

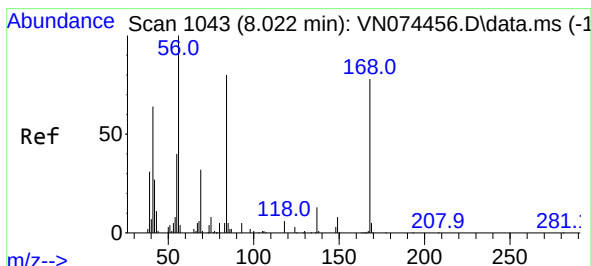
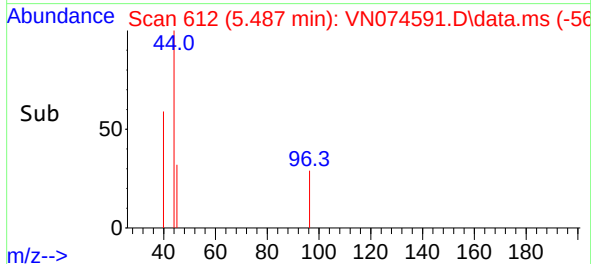
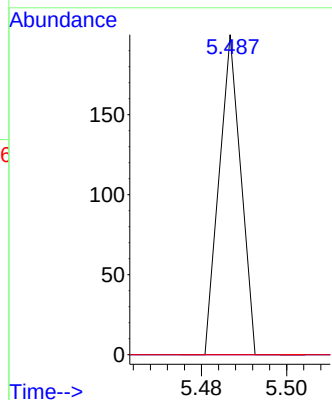
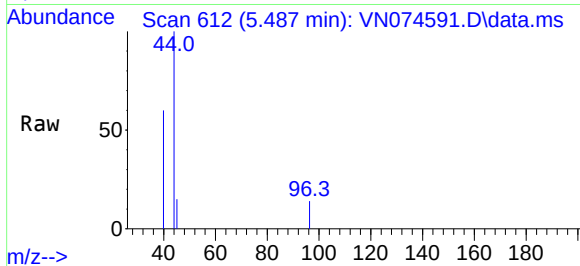




#21
trans-1,2-Dichloroethene
Concen: 0.451 ug/l
RT: 5.487 min Scan# 61
Delta R.T. -0.017 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

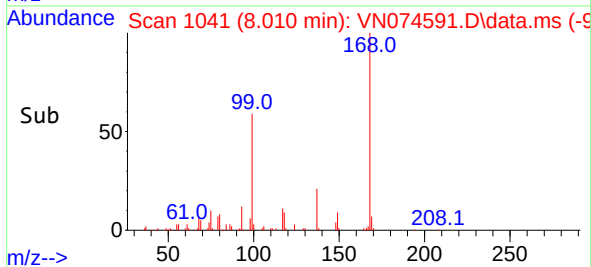
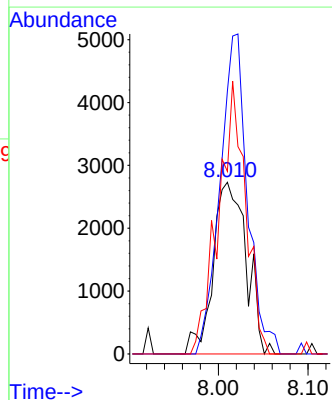
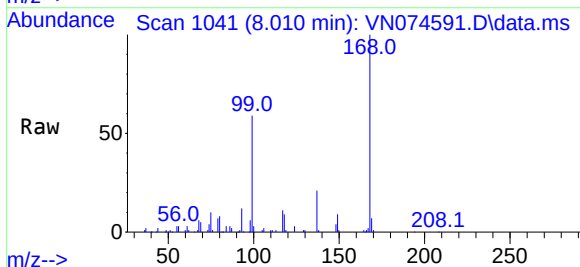
Instrument :
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ClientSampleId :
006-2

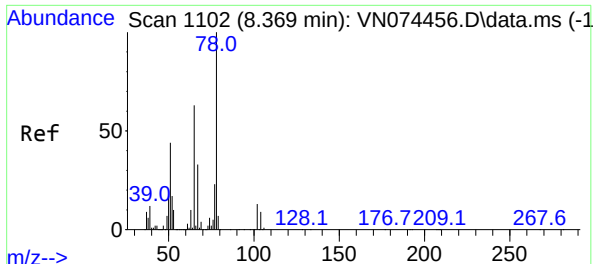
Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 56 Resp: 7022
Ion Ratio Lower Upper
56 100
69 153.2 27.8 41.8#
84 106.4 76.9 115.3

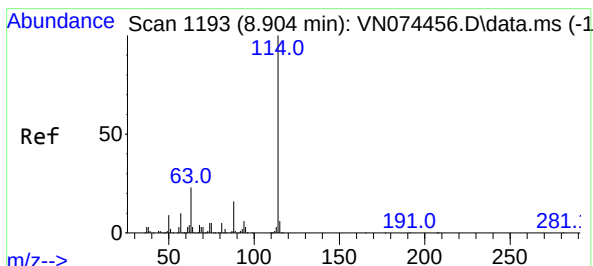
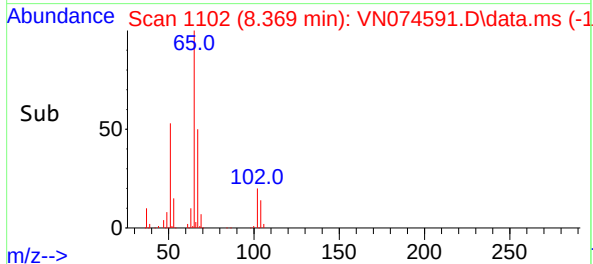
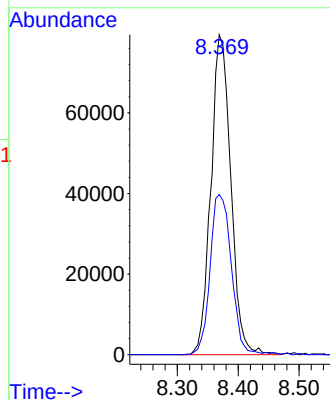
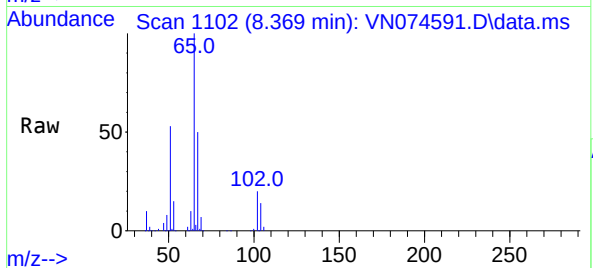




#33
1,2-Dichloroethane-d4
Concen: 48.534 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

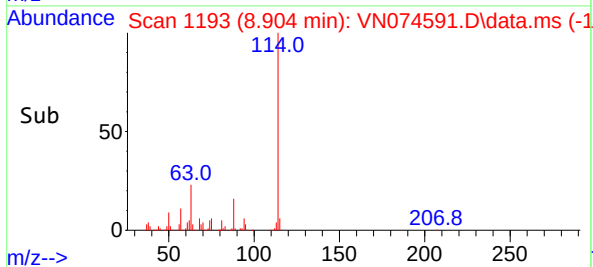
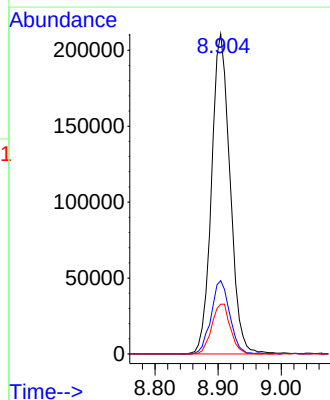
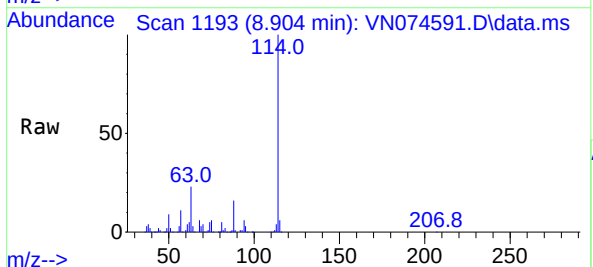
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006-2

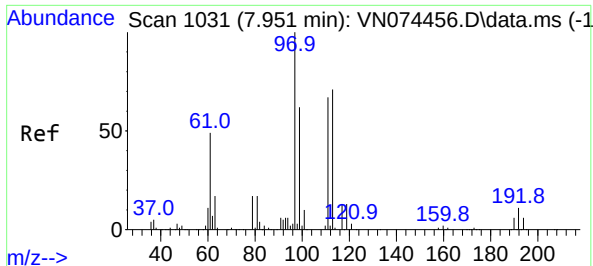
Tgt Ion: 65 Resp: 180671
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 114 Resp: 428775
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.0
88 15.5 0.0 32.6

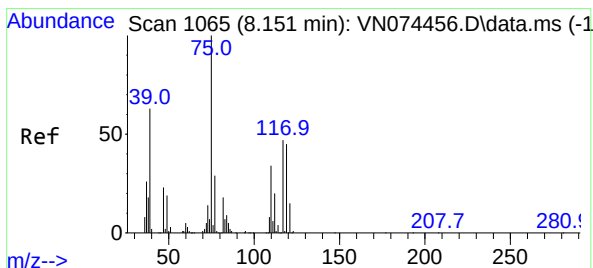
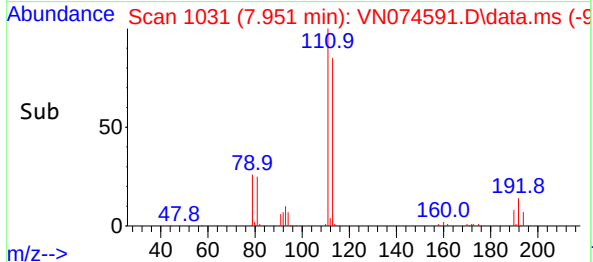
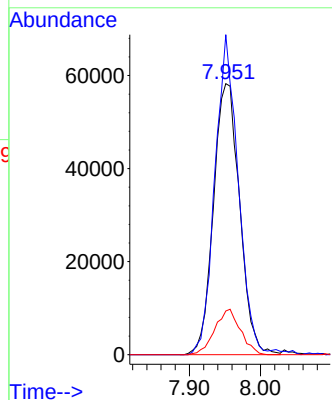
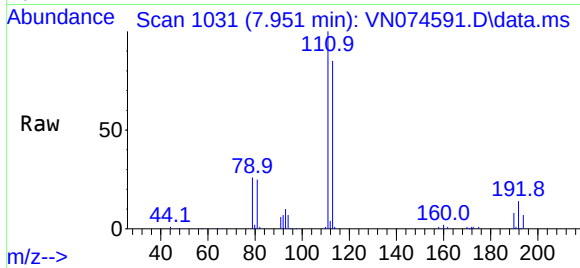




#35
Dibromofluoromethane
Concen: 52.266 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

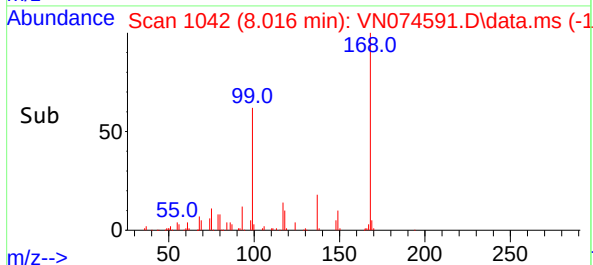
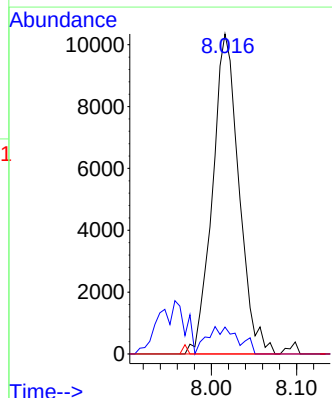
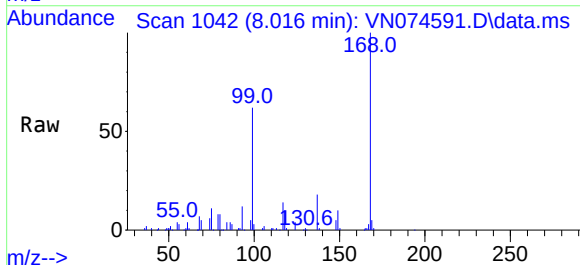
Instrument :
MSVOA_N
ClientSampleId :
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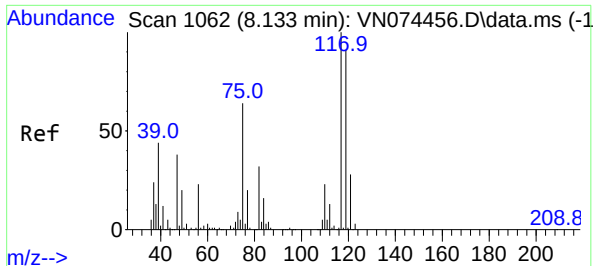
Tgt Ion:113 Resp: 148868
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 16.4 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 75 Resp: 22267
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#

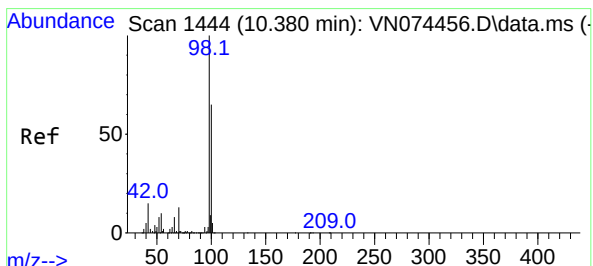
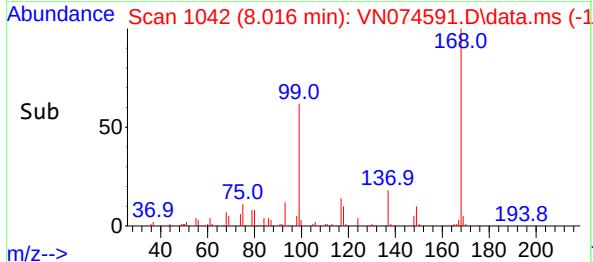
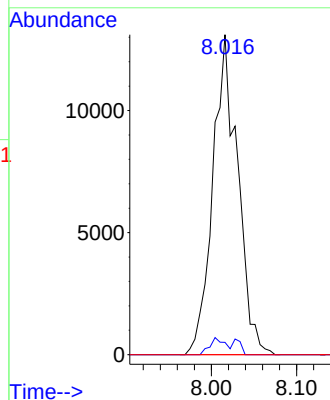
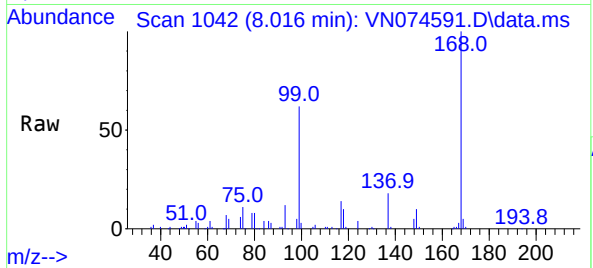




#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

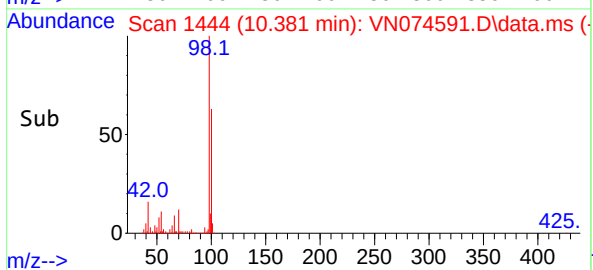
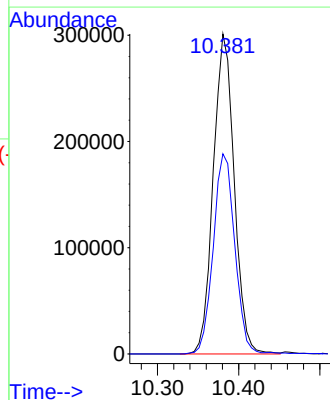
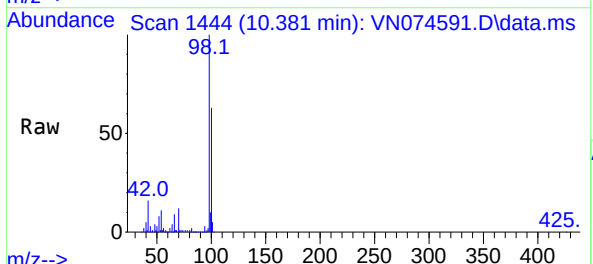
Instrument :
MSVOA_N
ClientSampleId :
006-2

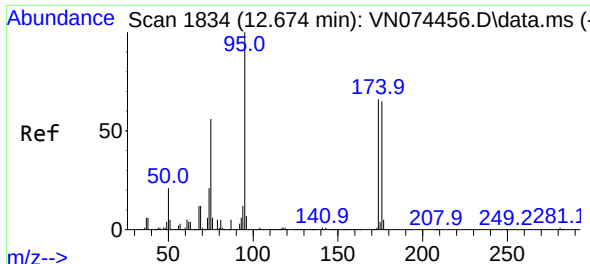
Tgt Ion:117 Resp: 26635
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.002 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 98 Resp: 539773
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

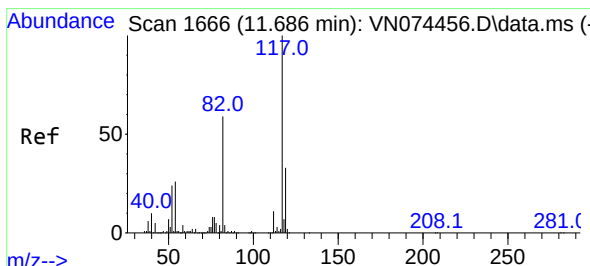
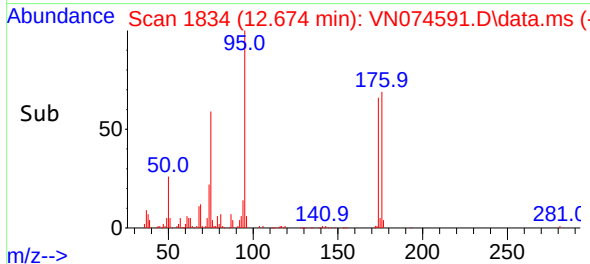
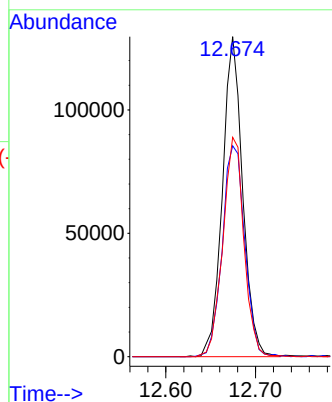
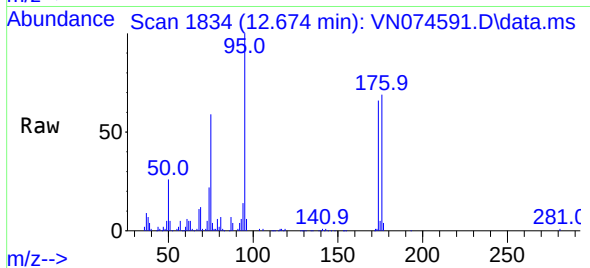




#62
4-Bromofluorobenzene
Concen: 53.584 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

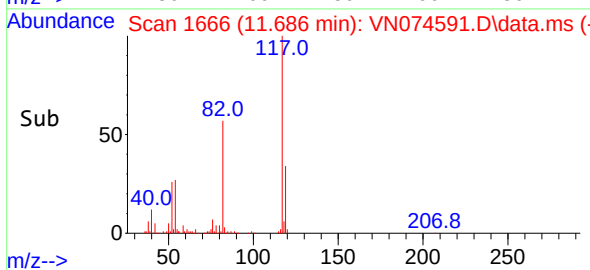
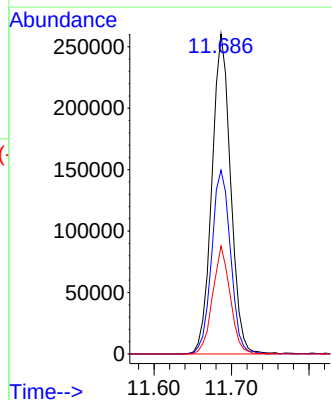
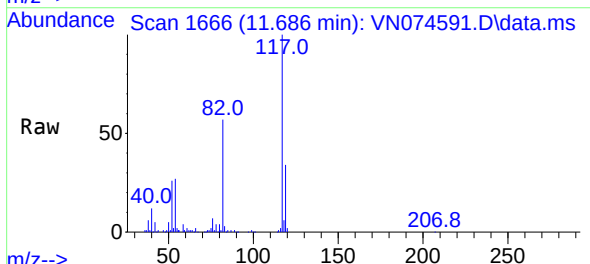
Instrument :
MSVOA_N
ClientSampleId :
006-2

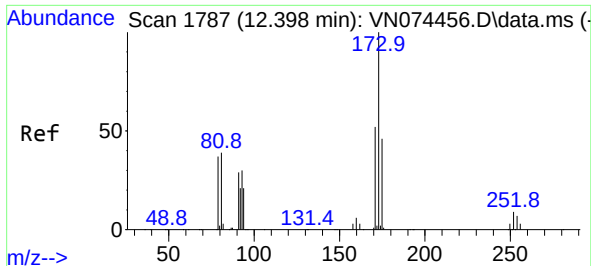
Tgt Ion: 95 Resp: 202157
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 71.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion: 117 Resp: 437592
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 33.7 25.4 38.0

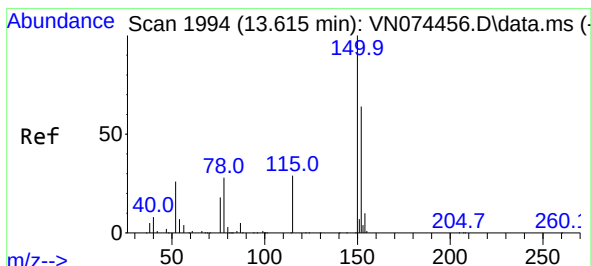
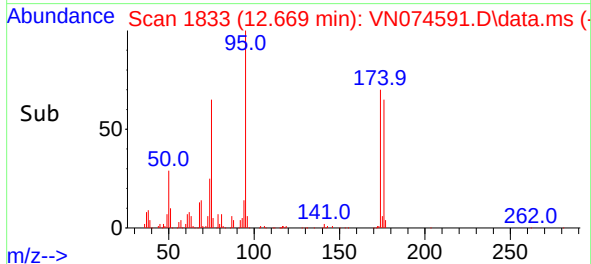
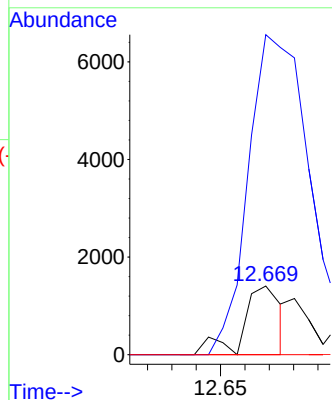
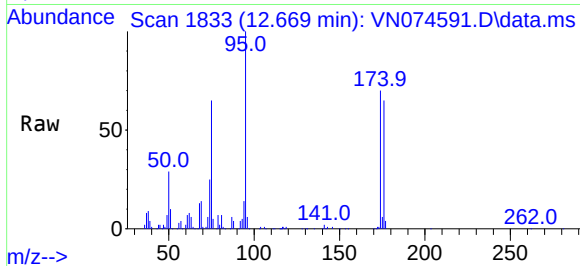




#71
Bromoform
Concen: 0.517 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

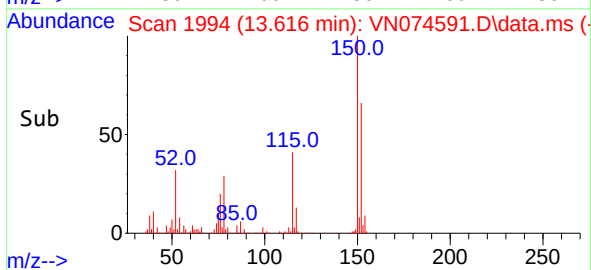
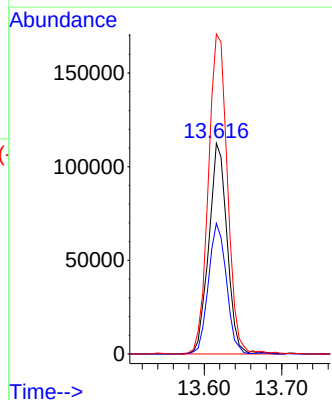
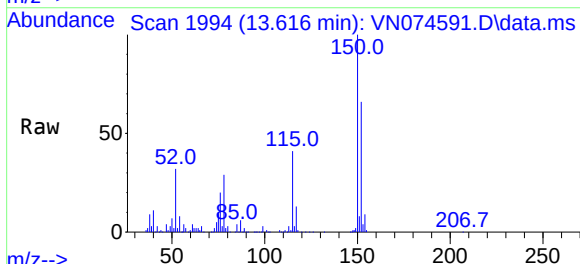
Instrument :
MSVOA_N
ClientSampleId :
006-2

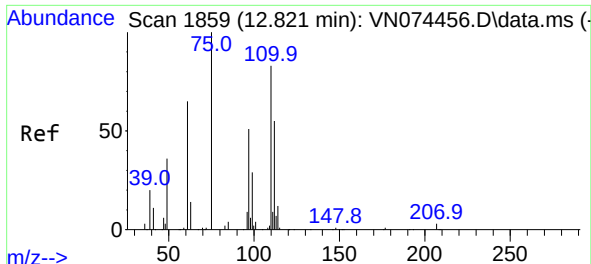
Tgt Ion:173 Resp: 1516
Ion Ratio Lower Upper
173 100
175 450.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Tgt Ion:152 Resp: 184449
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 158.3 0.0 356.2

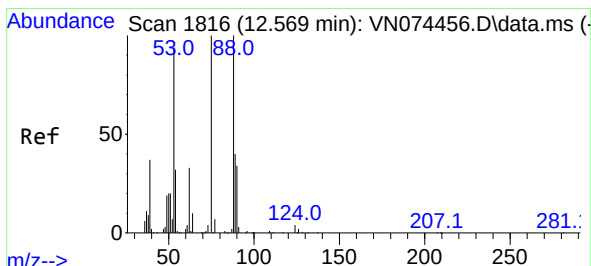
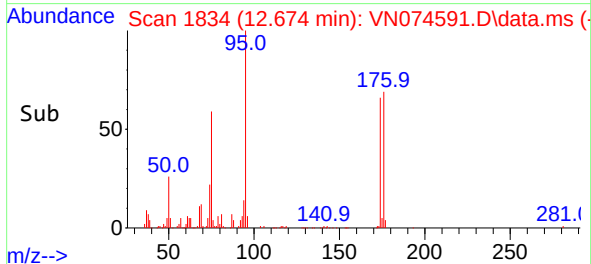
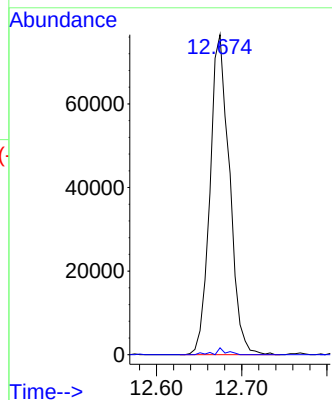
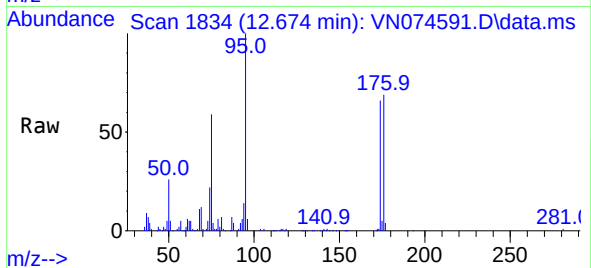




#76
1,2,3-Trichloropropane
Concen: 21.386 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

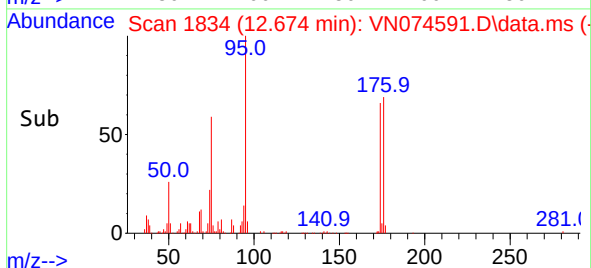
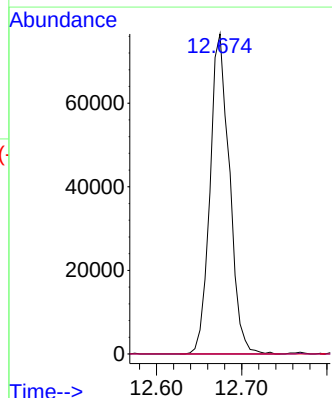
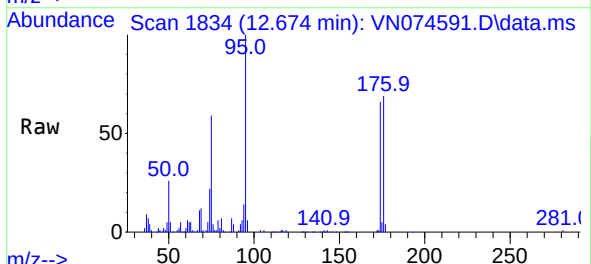
Instrument :
MSVOA_N
ClientSampleId :
006-2

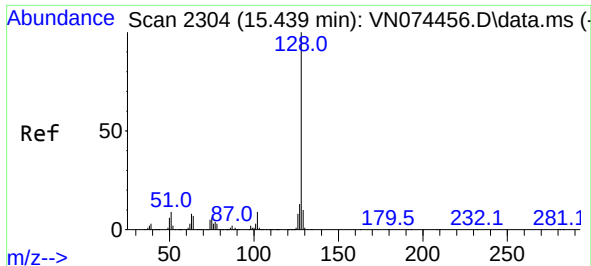
Tgt Ion: 75 Resp: 121419
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.158 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

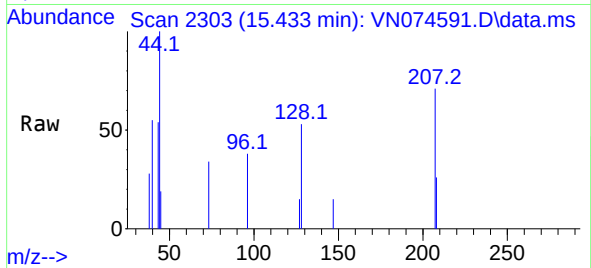
Tgt Ion: 75 Resp: 121419
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 1.623 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074591.D
Acq: 19 Sep 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
006-2



Tgt Ion:128 Resp: 559
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 0.0 8.6 13.0#

