

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074559.D
 Acq On : 17 Sep 2022 16:29
 Operator : JC\MD
 Sample : N4549-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB090822

Quant Time: Sep 19 02:56:42 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)

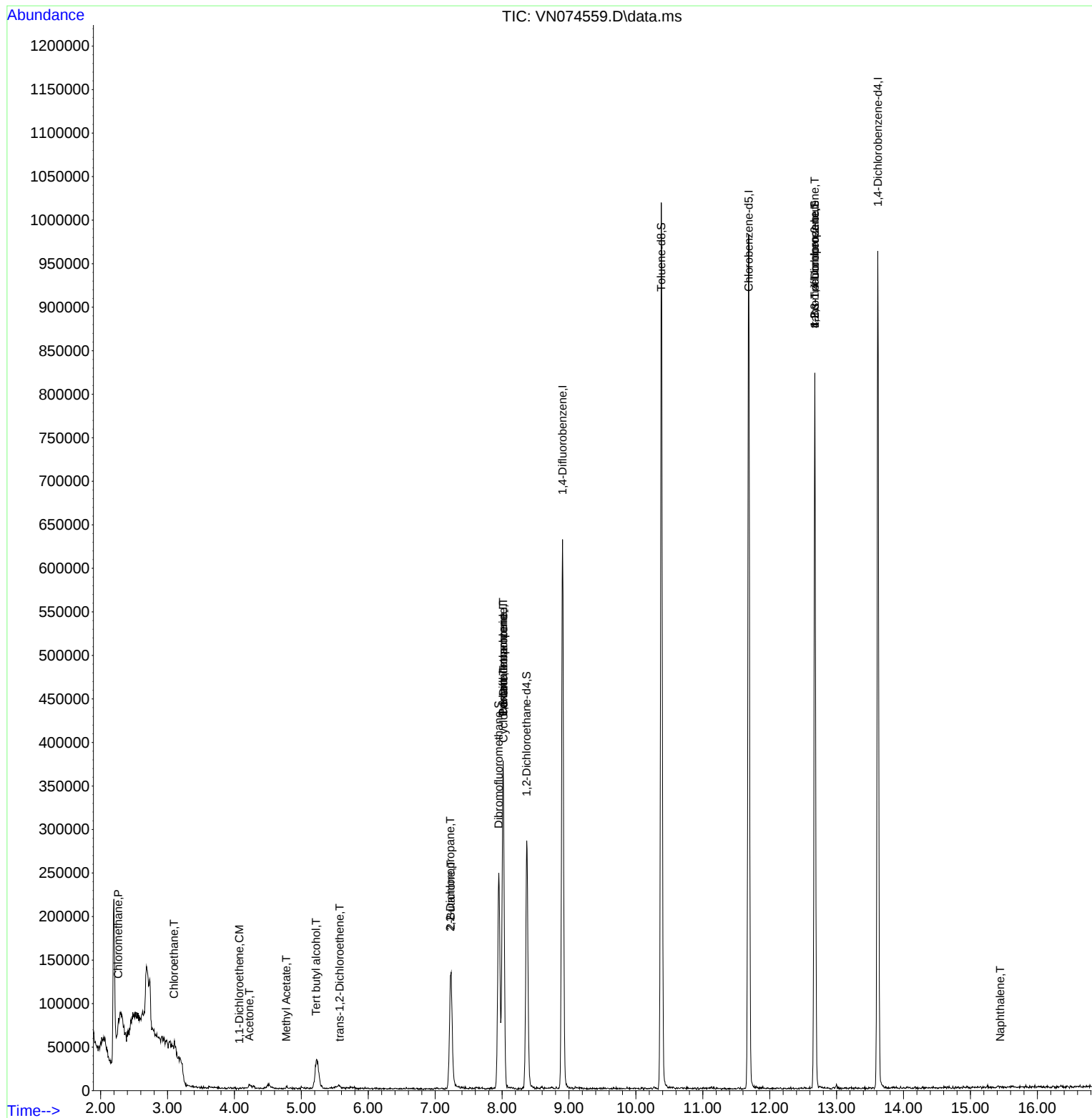
Internal Standards						
1) Pentafluorobenzene	8.016	168	261412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	514043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	507208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	221183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205769	46.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	7.951	113	172577	50.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.380	98	638429	48.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.674	95	237983	52.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.240%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	1459	0.562	ug/l #	43
6) Chloroethane	3.098	64	19374	5.539	ug/l #	52
11) Tert butyl alcohol	5.222	59	33288	23.039	ug/l #	75
12) 1,1-Dichloroethene	4.075	96	259	0.759	ug/l #	1
16) Acetone	4.222	43	5588	1.969	ug/l	90
18) Methyl Acetate	4.775	43	2361	0.268	ug/l #	76
21) trans-1,2-Dichloroethene	5.575	96	473	0.553	ug/l #	1
25) 2-Butanone	7.234	43	4423	0.939	ug/l #	80
26) 2,2-Dichloropropane	7.228	77	9753	1.371	ug/l #	53
31) Cyclohexane	8.022	56	8061	1.024	ug/l #	56
36) 1,1-Dichloropropene	8.016	75	26278	4.348	ug/l #	48
38) Carbon Tetrachloride	8.016	117	28666	5.137	ug/l #	14
76) 1,2,3-Trichloropropane	12.674	75	145601	21.386	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	145601	46.158	ug/l #	10
95) Naphthalene	15.445	128	626	1.621	ug/l #	69

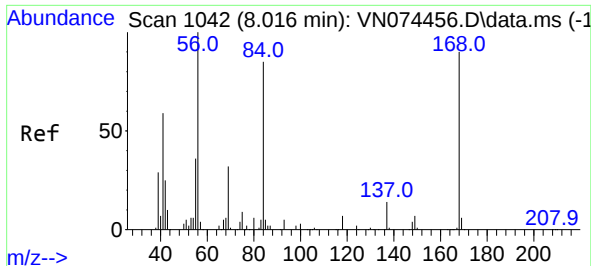
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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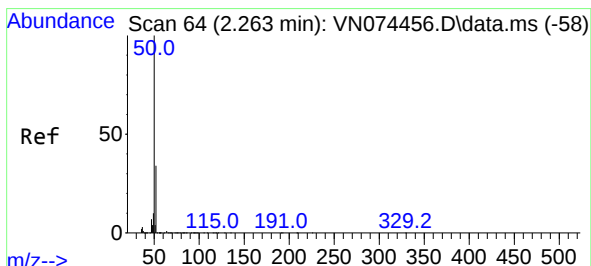
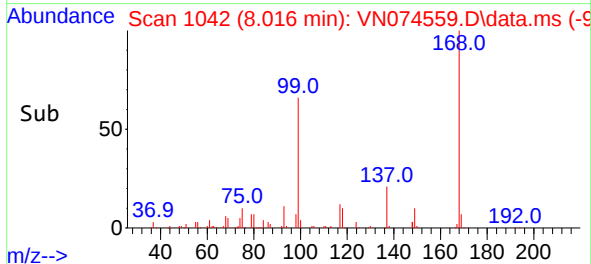
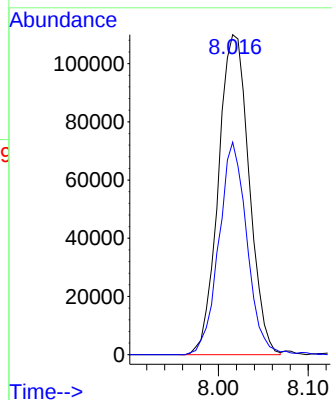
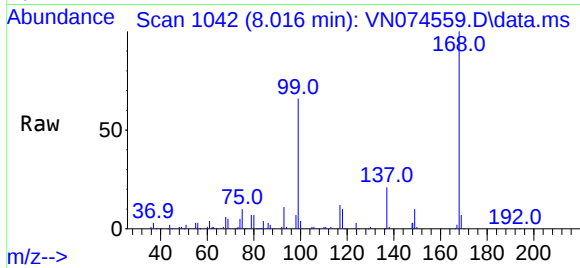




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

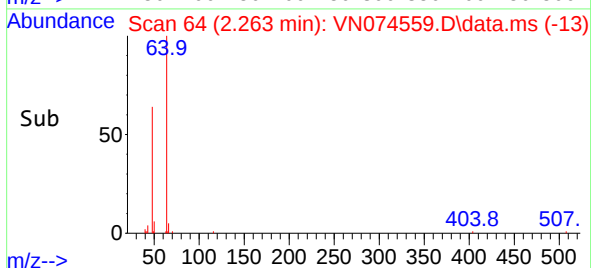
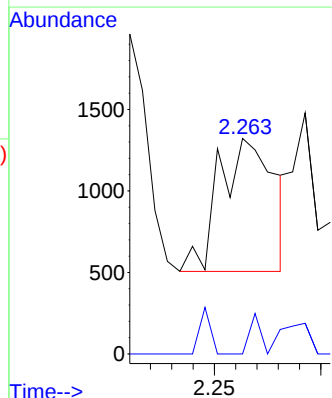
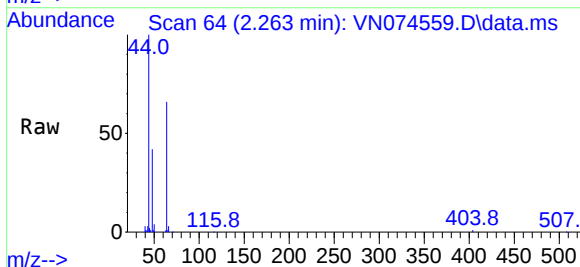
Instrument : MSVOA_N
ClientSampleId : FB090822

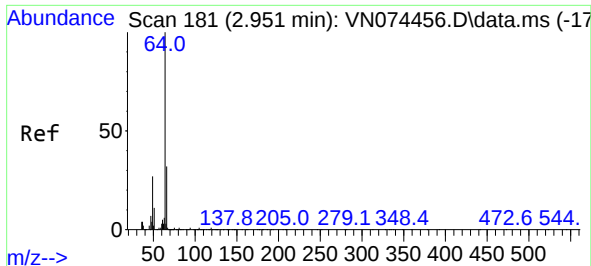
Tgt Ion:168 Resp: 261412
Ion Ratio Lower Upper
168 100
99 66.4 42.3 63.5#



#3
Chloromethane
Concen: 0.562 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 50 Resp: 1459
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

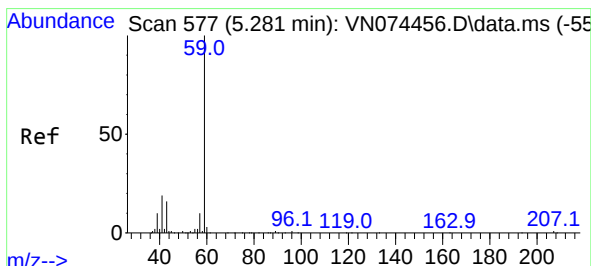
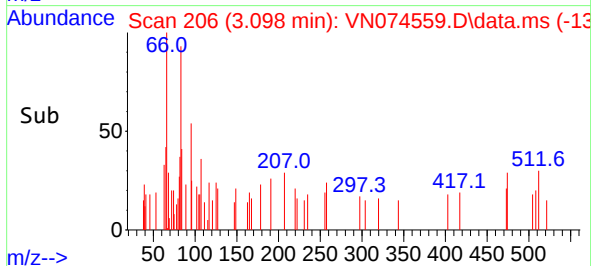
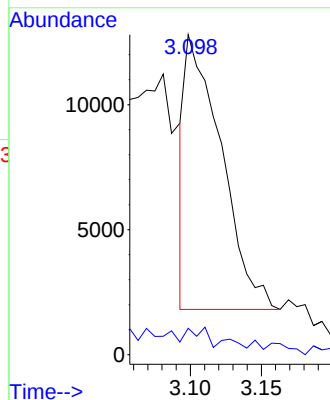
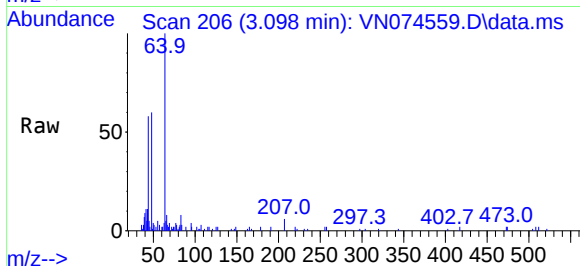




#6
Chloroethane
Concen: 5.539 ug/l
RT: 3.098 min Scan# 20
Delta R.T. 0.147 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

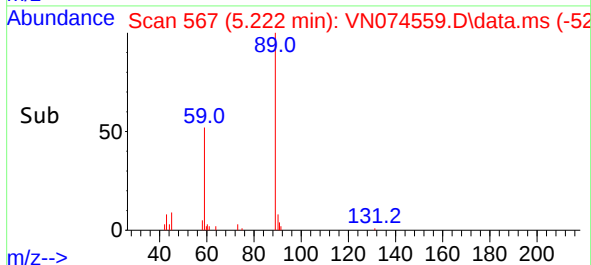
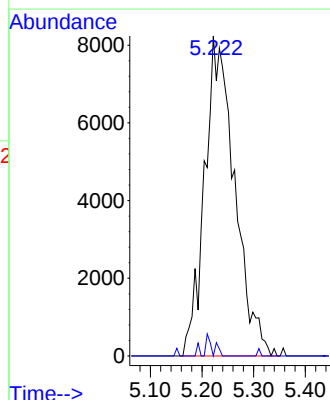
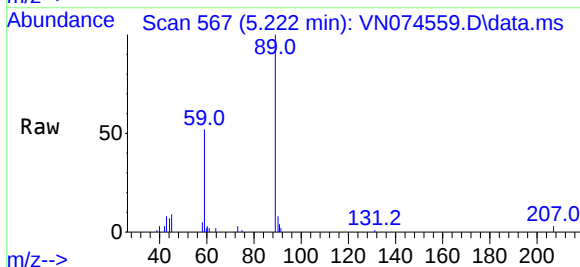
Instrument :
MSVOA_N
ClientSampleId :
FB090822

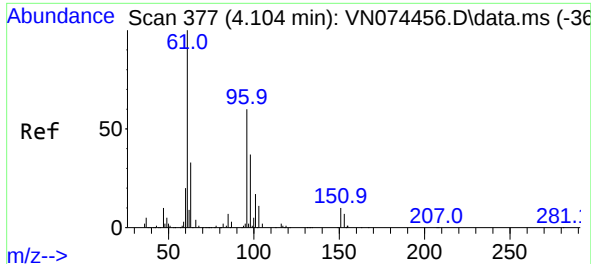
Tgt Ion: 64 Resp: 19374
Ion Ratio Lower Upper
64 100
66 5.6 26.2 39.4#



#11
Tert butyl alcohol
Concen: 23.039 ug/l
RT: 5.222 min Scan# 567
Delta R.T. -0.059 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 59 Resp: 33288
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#

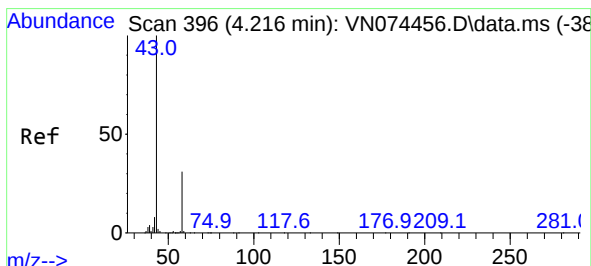
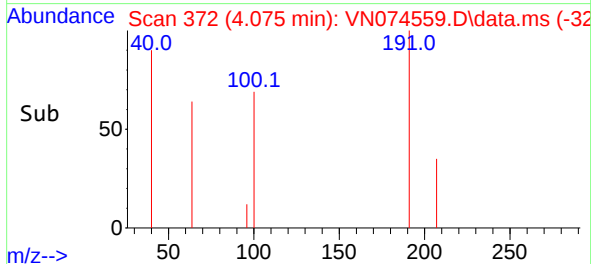
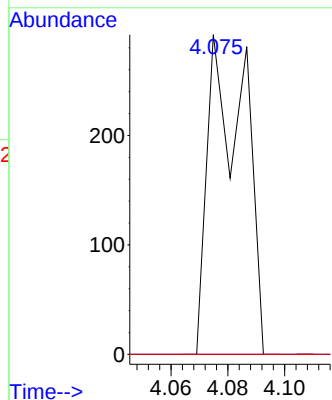
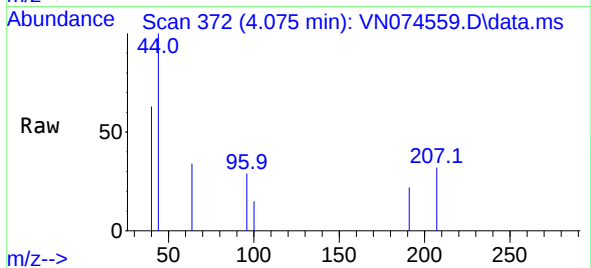




#12
1,1-Dichloroethene
Concen: 0.759 ug/l
RT: 4.075 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

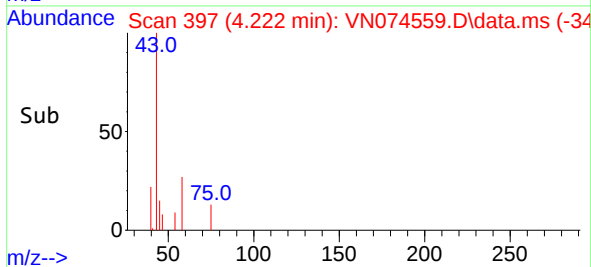
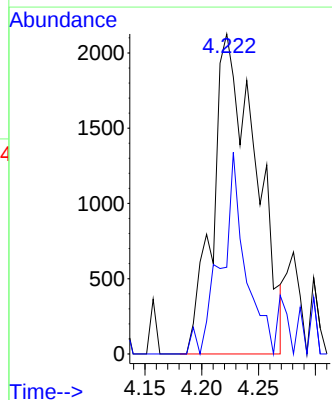
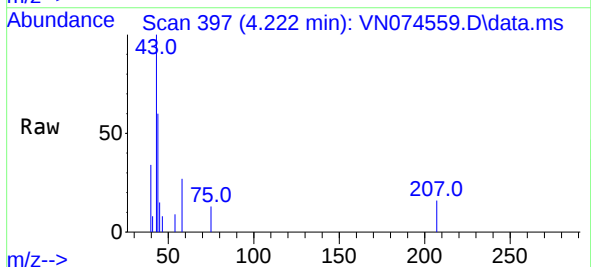
Instrument :
MSVOA_N
ClientSampleId :
FB090822

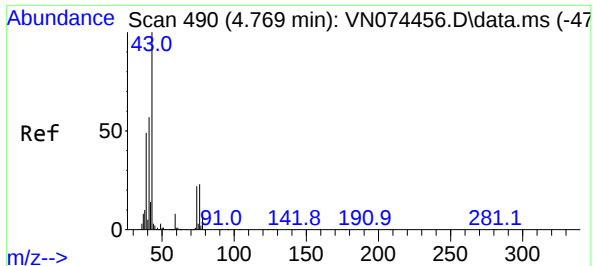
Tgt Ion: 96 Resp: 259
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 1.969 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
58 27.1 26.0 39.0

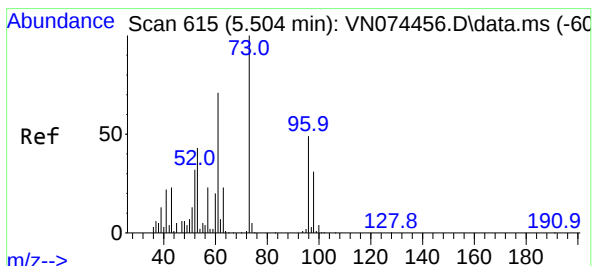
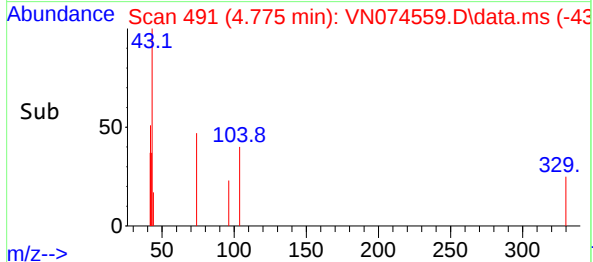
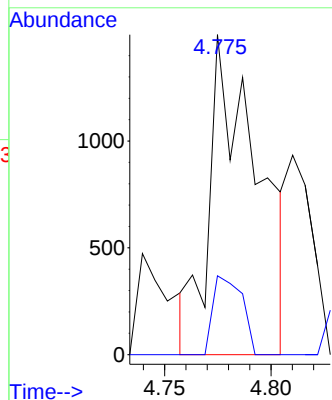
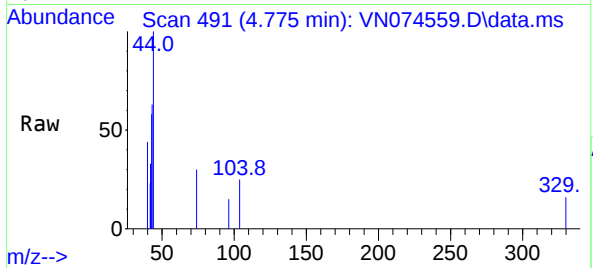




#18
Methyl Acetate
Concen: 0.268 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

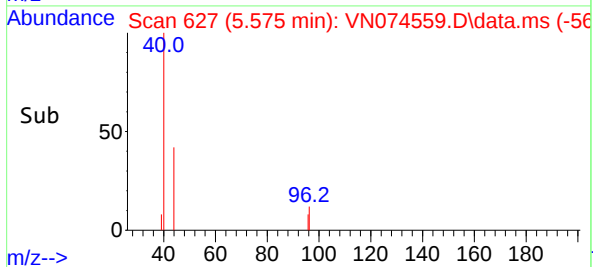
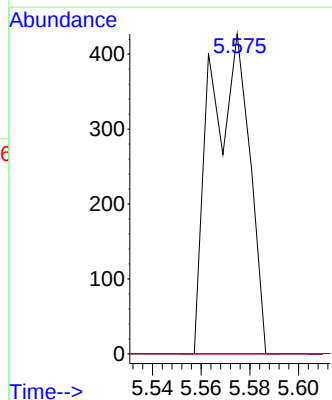
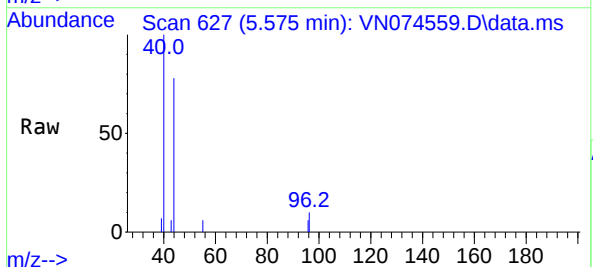
Instrument :
MSVOA_N
ClientSampleId :
FB090822

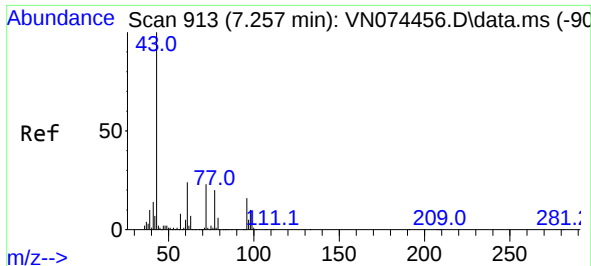
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
74 14.7 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 5.575 min Scan# 627
Delta R.T. 0.071 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

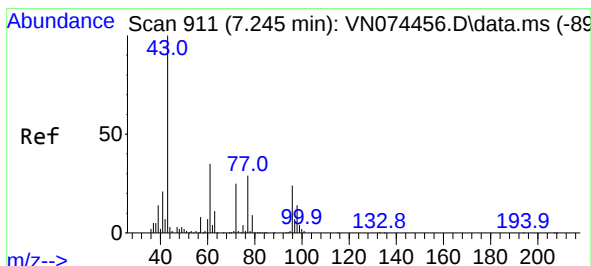
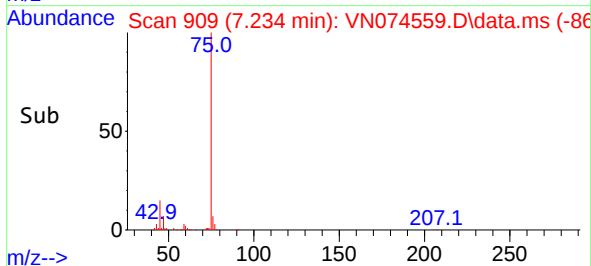
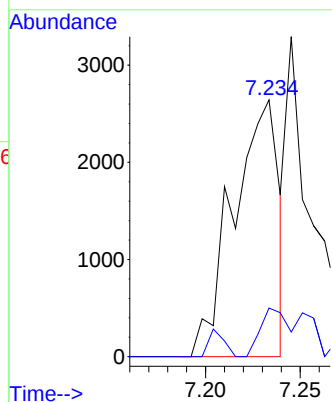
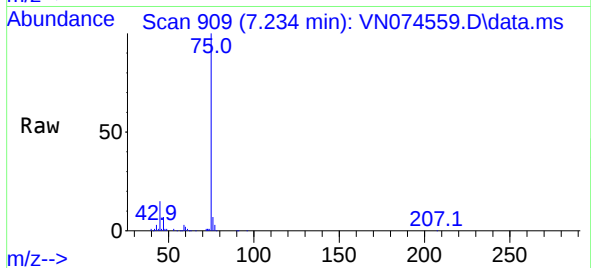




#25
2-Butanone
Concen: 0.939 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.023 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

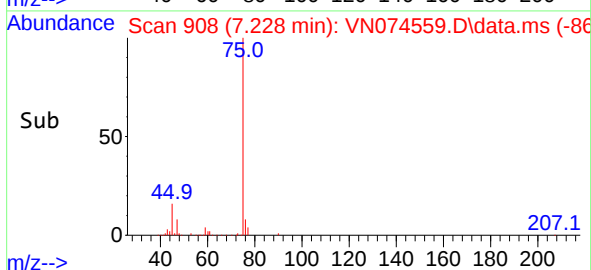
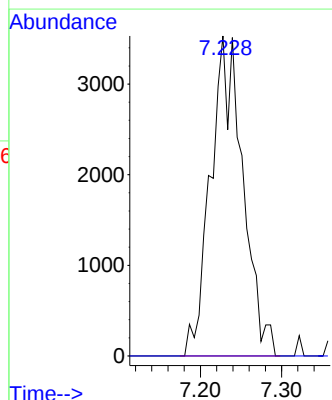
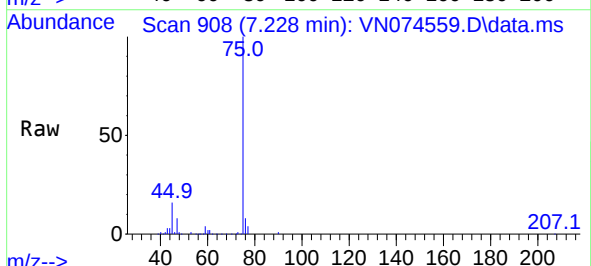
Instrument :
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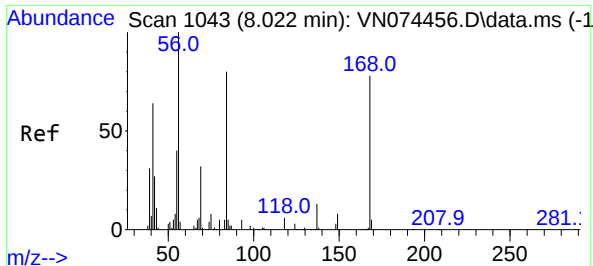
Tgt Ion: 43 Resp: 4423
Ion Ratio Lower Upper
43 100
72 19.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 1.371 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.017 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 77 Resp: 9753
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 1.024 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074559.D

Acq: 17 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

FB090822

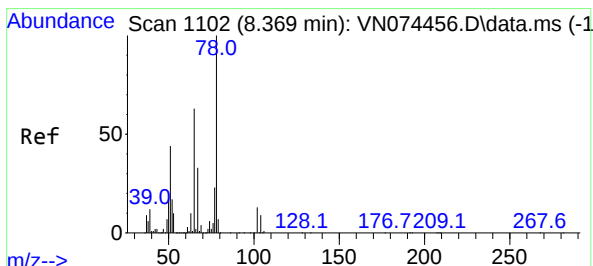
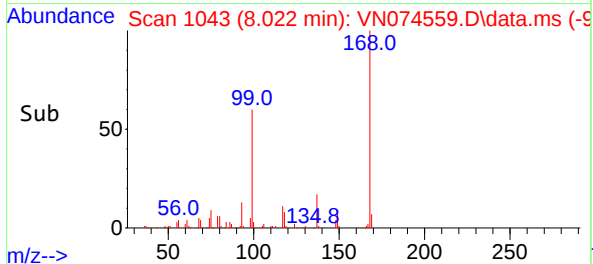
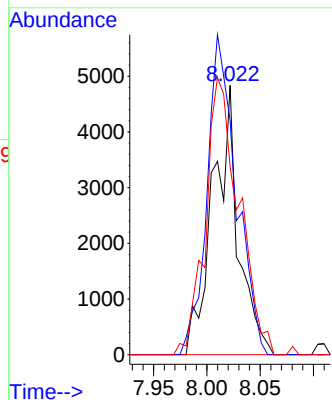
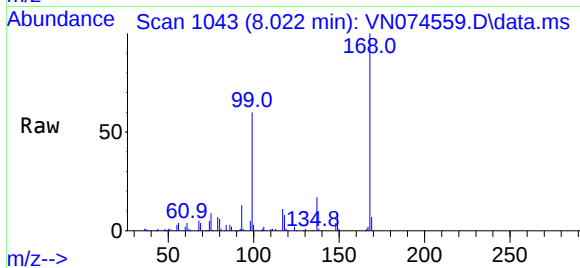
Tgt Ion: 56 Resp: 8061

Ion Ratio Lower Upper

56 100

69 87.0 27.8 41.8#

84 69.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 46.392 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074559.D

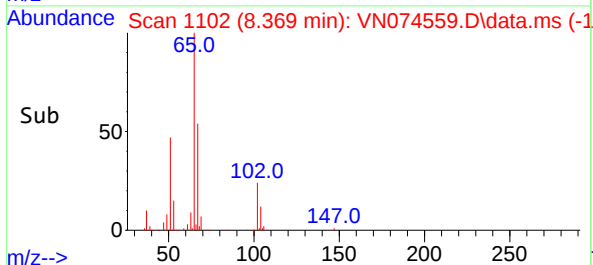
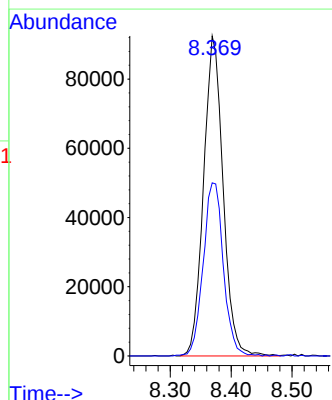
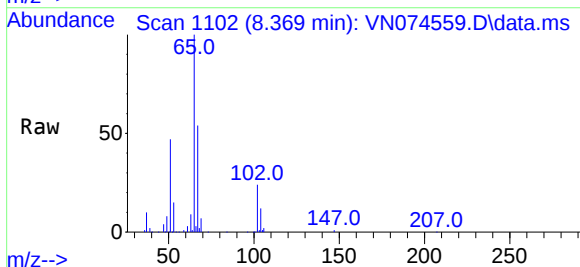
Acq: 17 Sep 2022 16:29

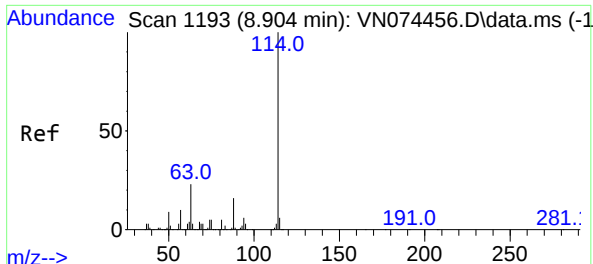
Tgt Ion: 65 Resp: 205769

Ion Ratio Lower Upper

65 100

67 56.0 0.0 104.8

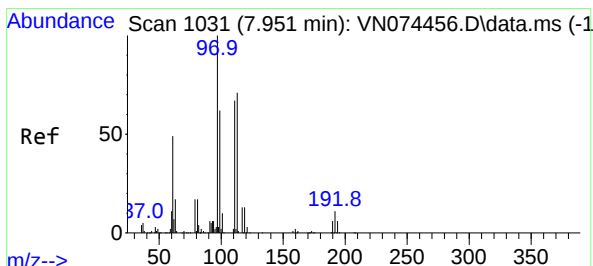
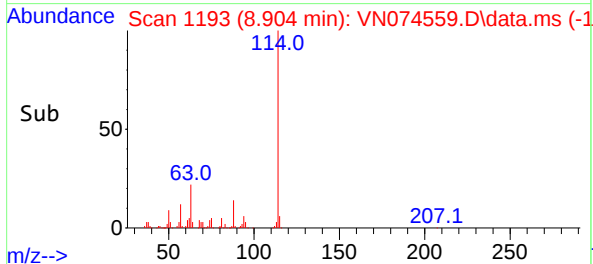
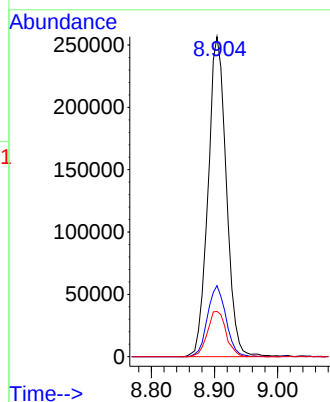
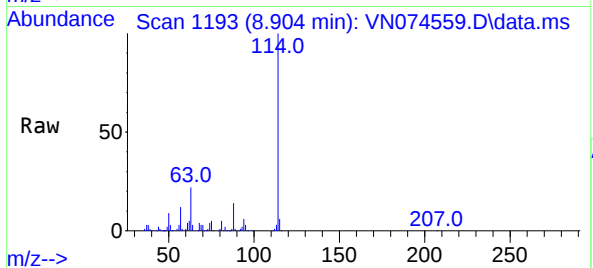




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

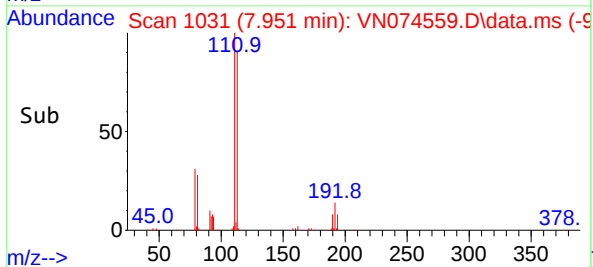
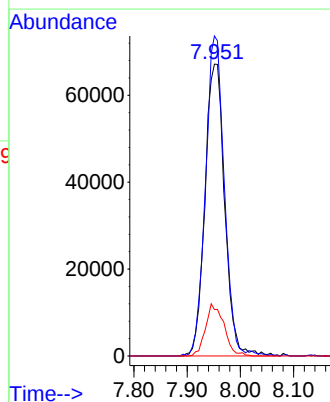
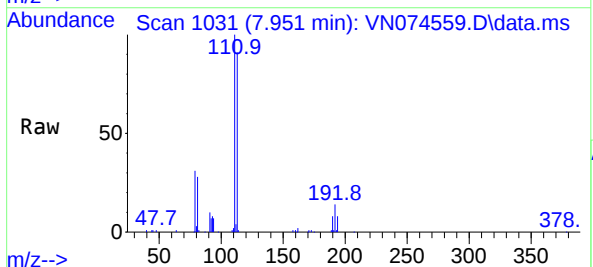
Instrument :
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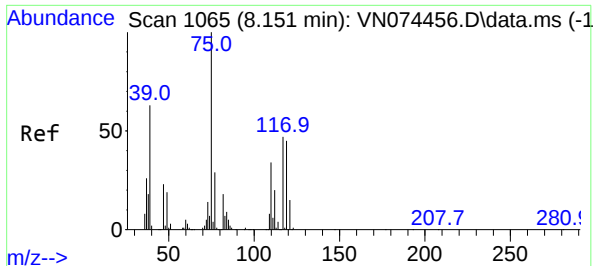
Tgt Ion:114 Resp: 514043
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 14.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion:113 Resp: 172577
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 16.7 17.0 25.6#

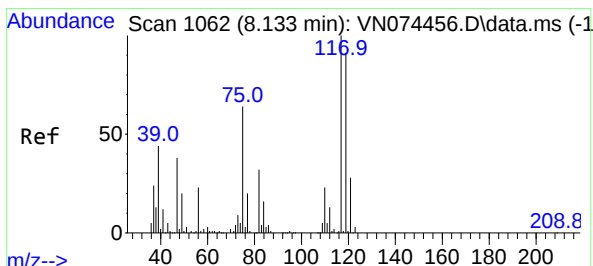
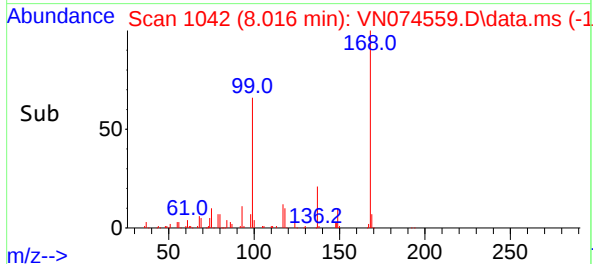
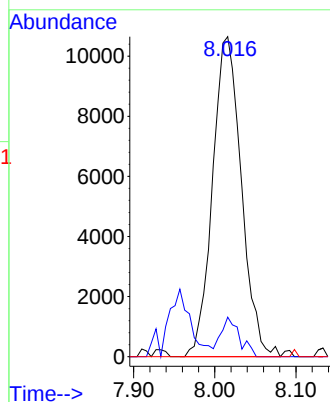
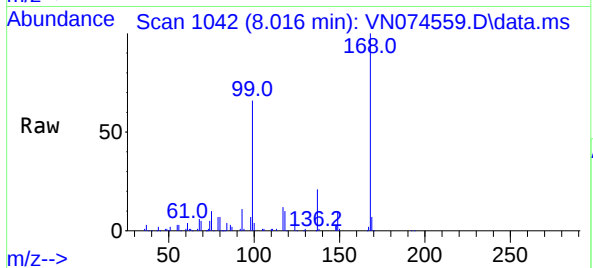




#36
1,1-Dichloropropene
Concen: 4.348 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

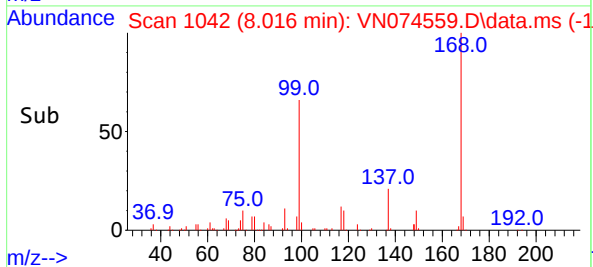
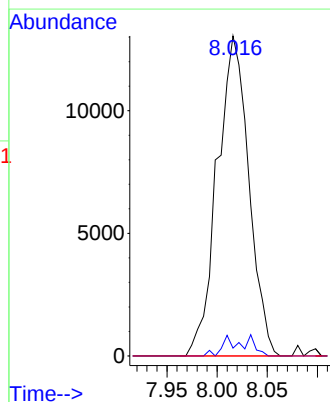
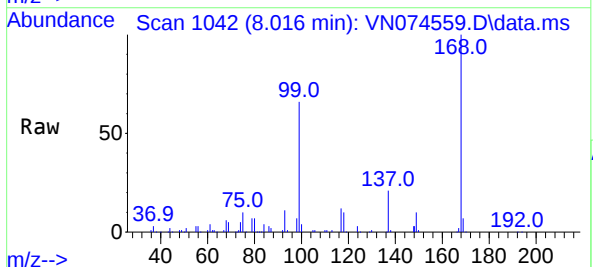
Instrument :
MSVOA_N
ClientSampleId :
FB090822

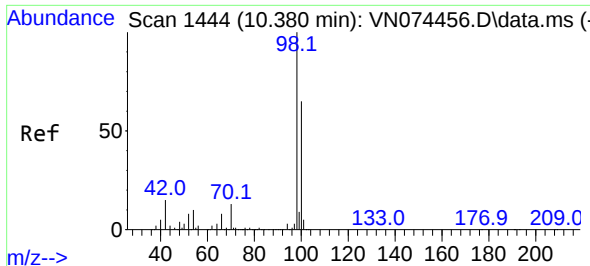
Tgt Ion: 75 Resp: 26278
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 117 Resp: 28666
Ion Ratio Lower Upper
117 100
119 2.4 75.8 113.8#
121 0.0 24.6 37.0#

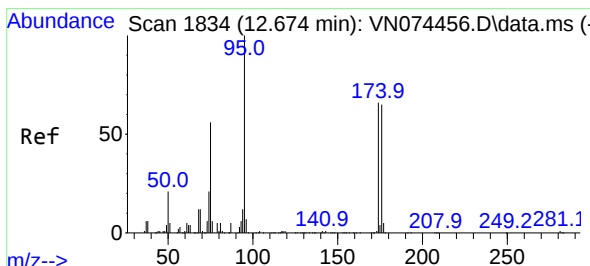
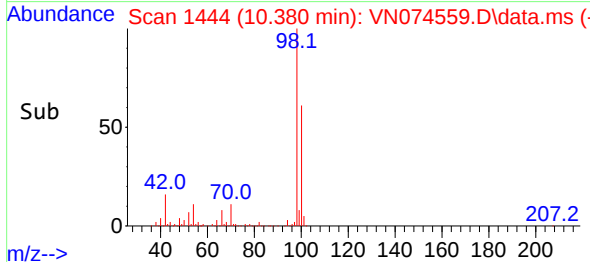
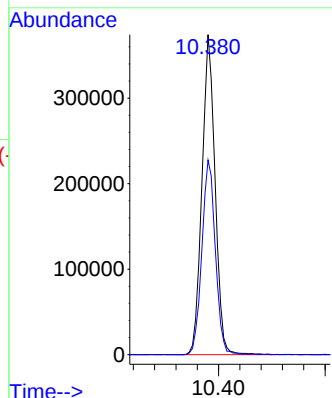
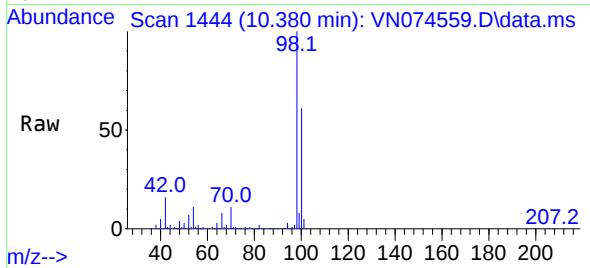




#50
Toluene-d8
Concen: 48.344 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

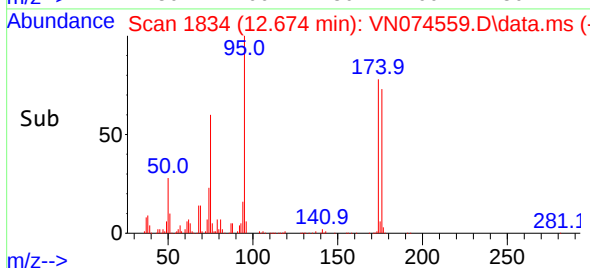
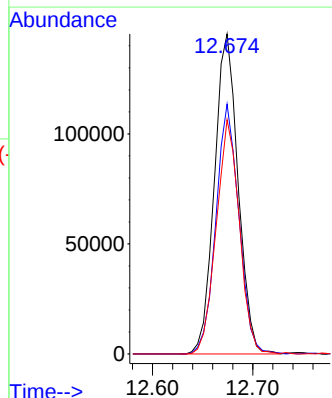
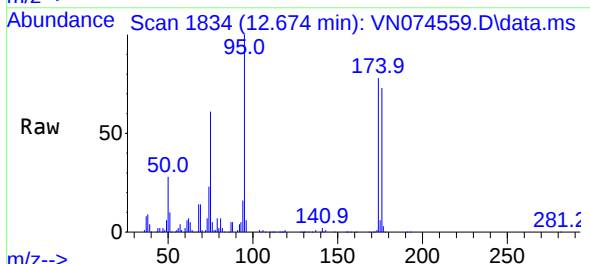
Instrument :
MSVOA_N
ClientSampleId :
FB090822

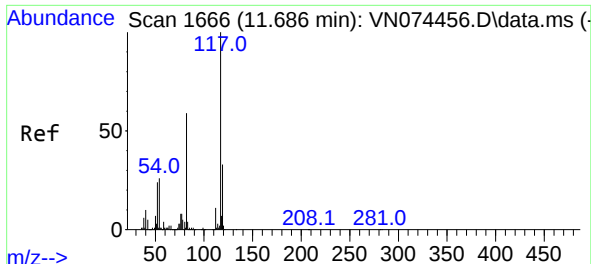
Tgt Ion: 98 Resp: 638429
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.617 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 95 Resp: 237983
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 71.7 0.0 163.4

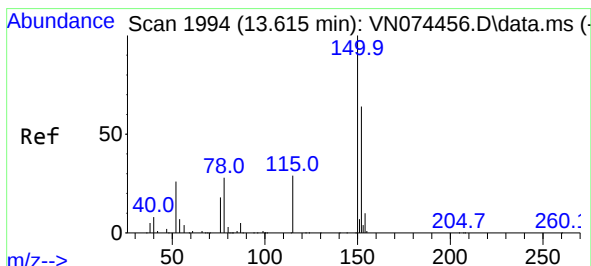
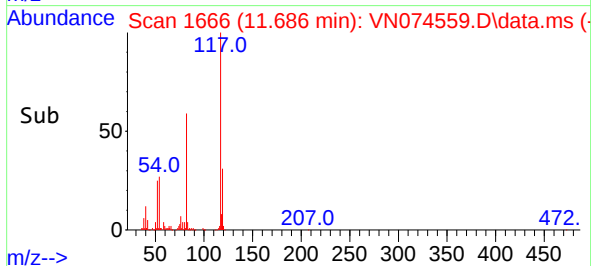
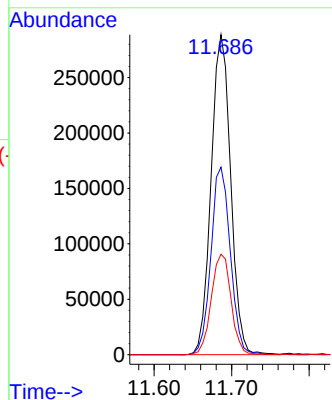
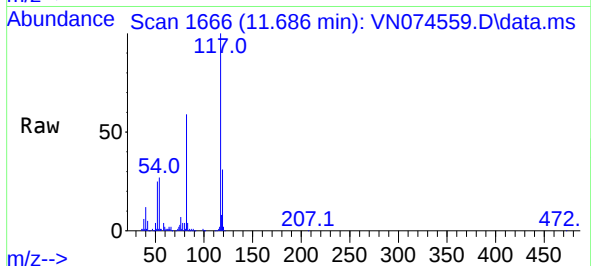




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

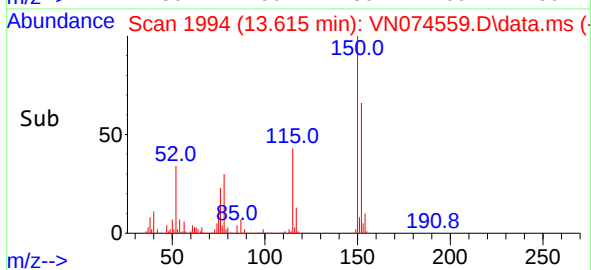
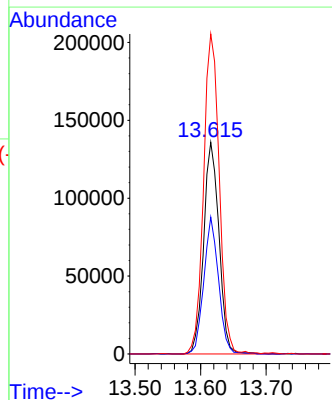
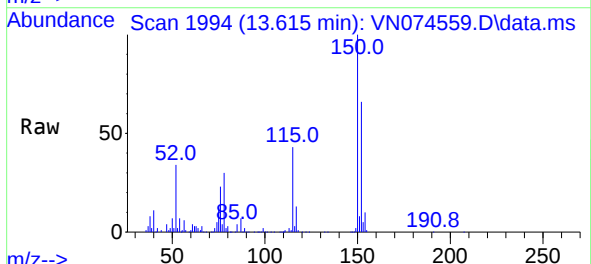
Instrument :
MSVOA_N
ClientSampleId :
FB090822

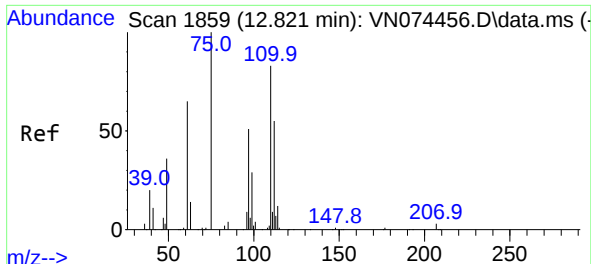
Tgt Ion:117 Resp: 507208
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion:152 Resp: 221183
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 154.8 0.0 356.2

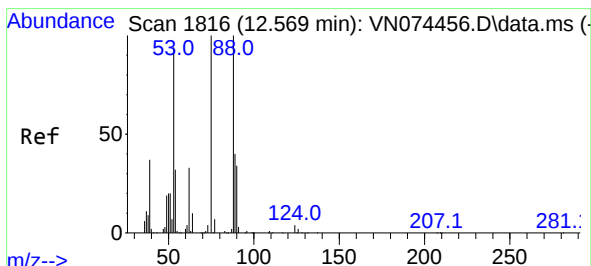
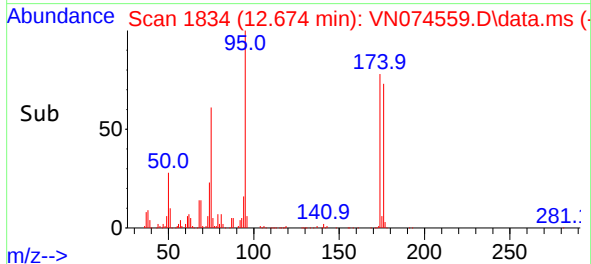
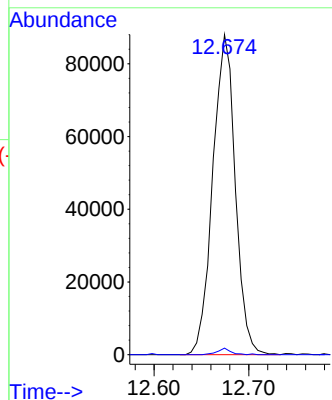
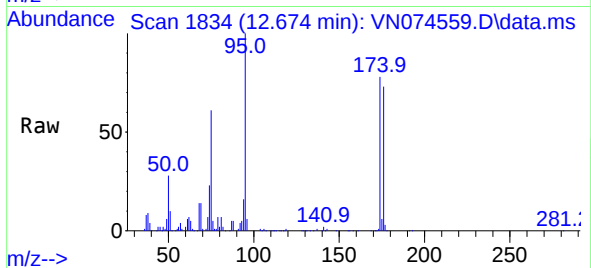




#76
1,2,3-Trichloropropane
Concen: 21.386 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

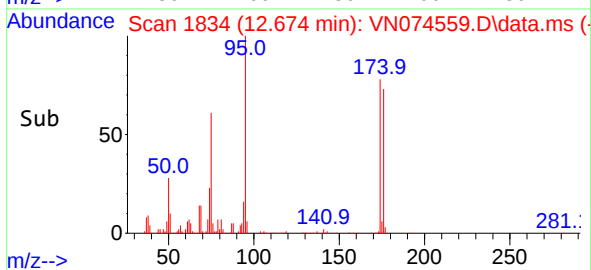
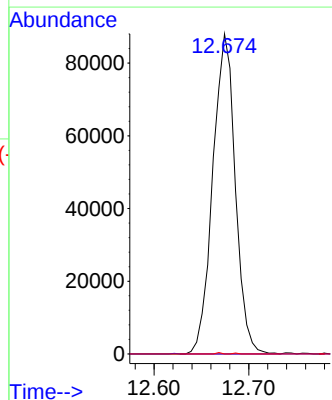
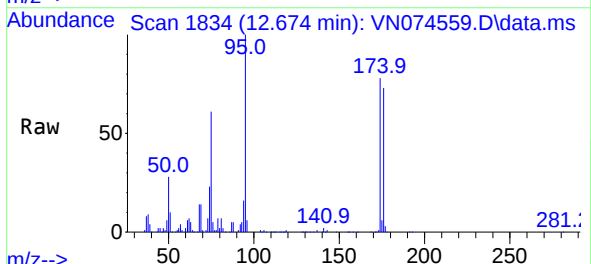
Instrument :
MSVOA_N
ClientSampleId :
FB090822

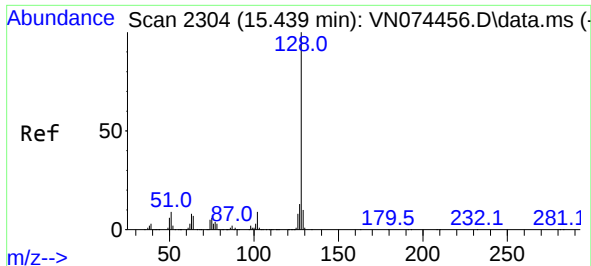
Tgt Ion: 75 Resp: 145601
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#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: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 75 Resp: 145601
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95

Naphthalene

Concen: 1.621 ug/l

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074559.D

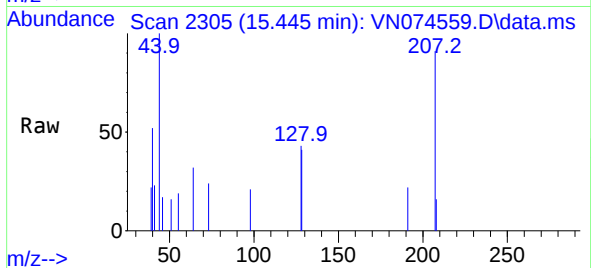
Acq: 17 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

FB090822



Tgt Ion:128 Resp: 626

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

