

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074217.D
 Acq On : 31 Aug 2022 16:23
 Operator : JC\MD
 Sample : N4456-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 00:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

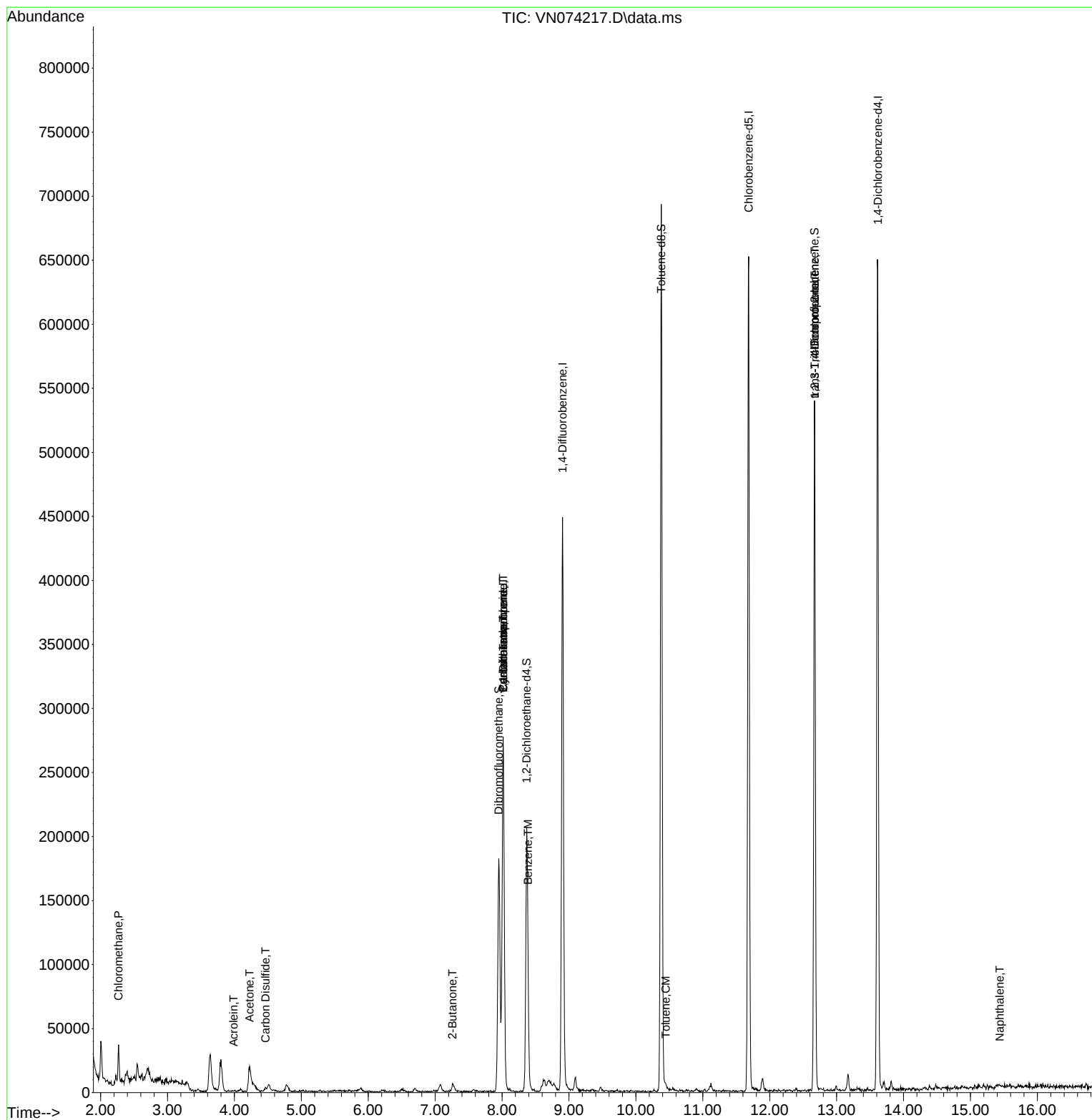
Internal Standards						
1) Pentafluorobenzene	8.016	168	190353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	353408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	344339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	155490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	157587	53.368	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.740%		
35) Dibromofluoromethane	7.951	113	129737	56.415	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.820%		
50) Toluene-d8	10.380	98	420138	46.391	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.780%		
62) 4-Bromofluorobenzene	12.668	95	163242	59.272	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 118.540%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	21315	7.683	ug/l #	84
6) Chloroethane	2.969	64	913	Below Cal	#	42
11) Tert butyl alcohol	5.281	59	165	Below Cal	#	72
13) Acrolein	3.987	56	354	0.542	ug/l #	80
16) Acetone	4.228	43	37967	19.242	ug/l	96
17) Carbon Disulfide	4.463	76	3532	0.556	ug/l #	90
20) Methylene Chloride	4.998	84	53	Below Cal	#	10
25) 2-Butanone	7.257	43	10639	3.371	ug/l	96
31) Cyclohexane	8.016	56	6635	1.360	ug/l #	78
36) 1,1-Dichloropropene	8.016	75	18985	5.088	ug/l #	46
38) Carbon Tetrachloride	8.016	117	19460	5.744	ug/l #	15
40) Benzene	8.386	78	6092	0.520	ug/l #	90
52) Toluene	10.445	92	1791	0.259	ug/l #	24
76) 1,2,3-Trichloropropane	12.674	75	97173	25.161	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	97173	64.868	ug/l #	11
95) Naphthalene	15.439	128	1946	1.312	ug/l #	85

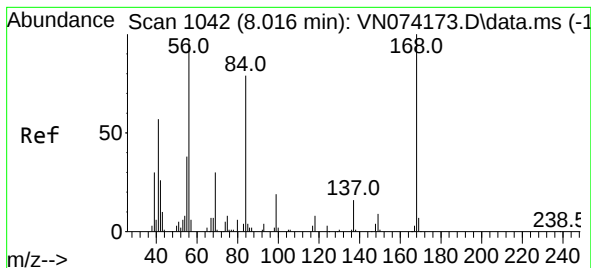
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

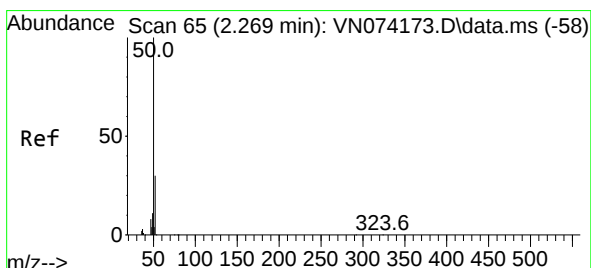
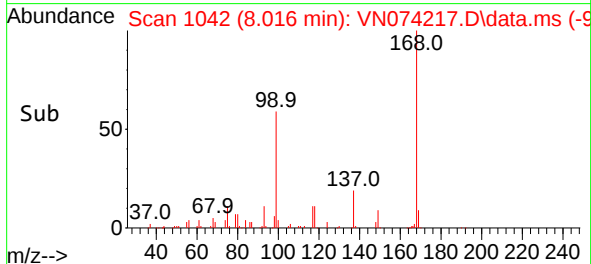
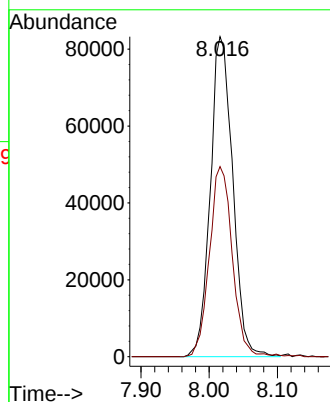
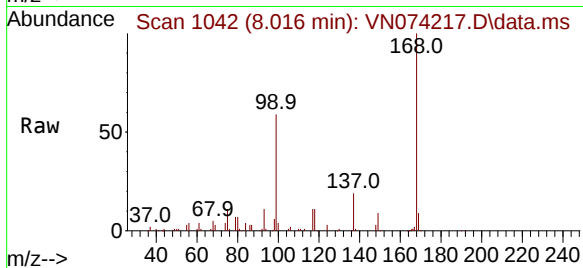




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

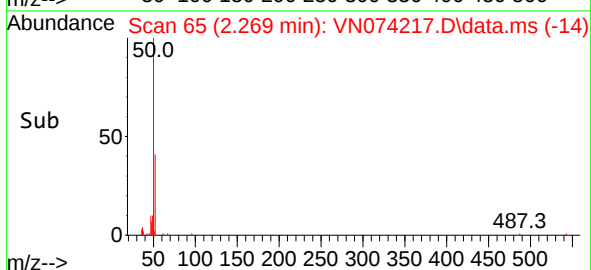
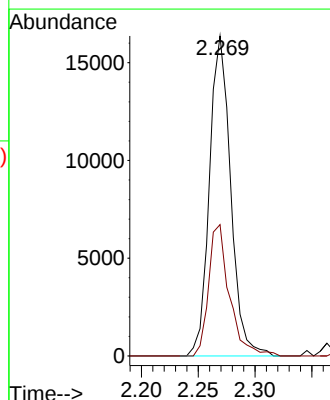
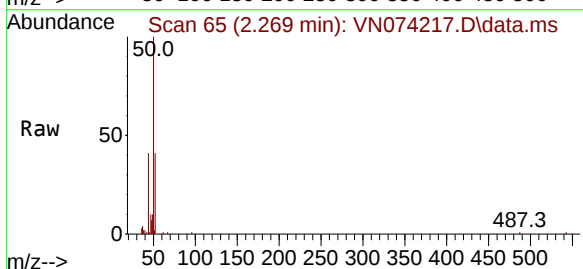
Instrument :
MSVOA_N
ClientSampleId :

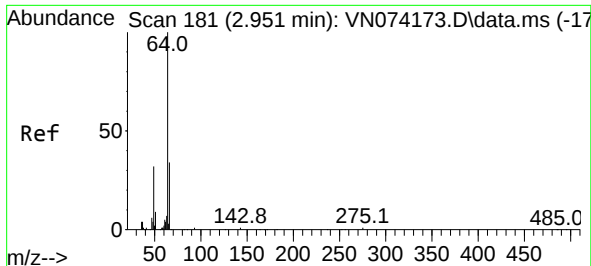
Tgt Ion:168 Resp: 190353
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#3
Chloromethane
Concen: 7.683 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 50 Resp: 21315
Ion Ratio Lower Upper
50 100
52 41.1 25.7 38.5#

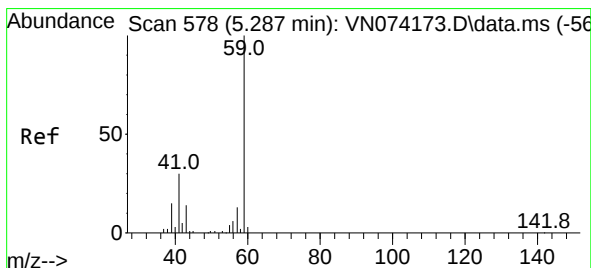
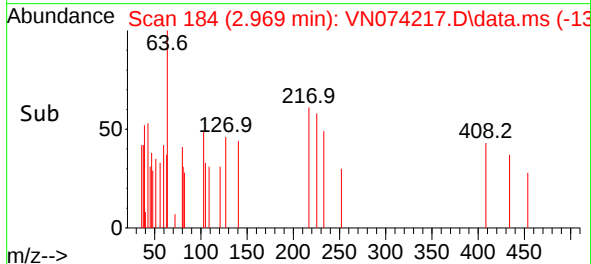
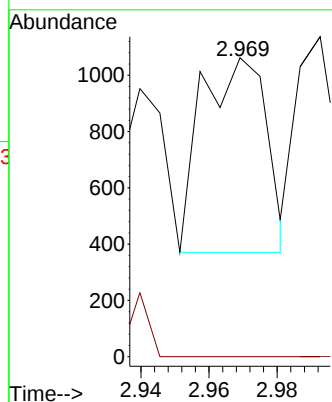
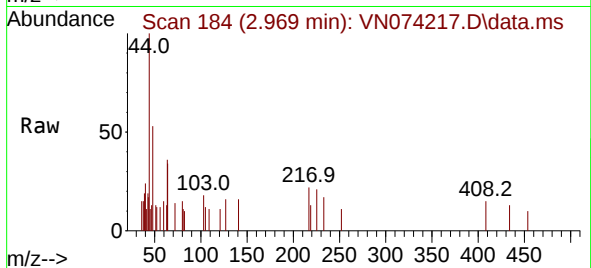




#6
Chloroethane
Concen: Below Cal
RT: 2.969 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

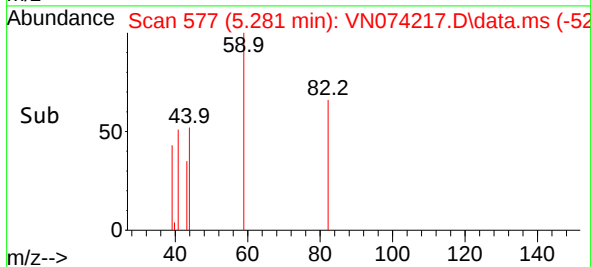
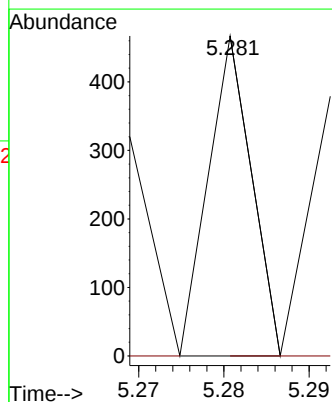
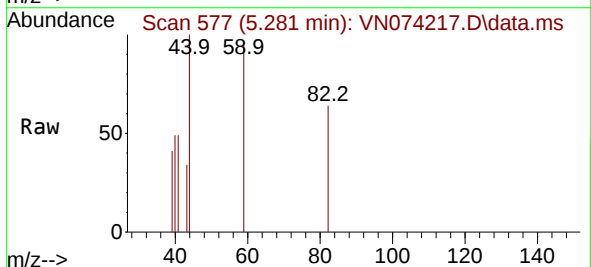
Instrument :
MSVOA_N
ClientSampleId :

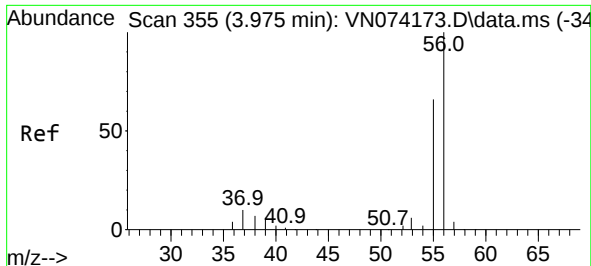
Tgt Ion: 64 Resp: 913
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

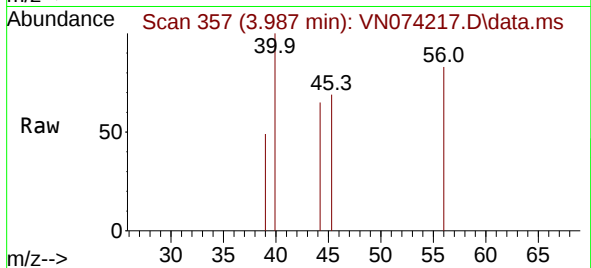
Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



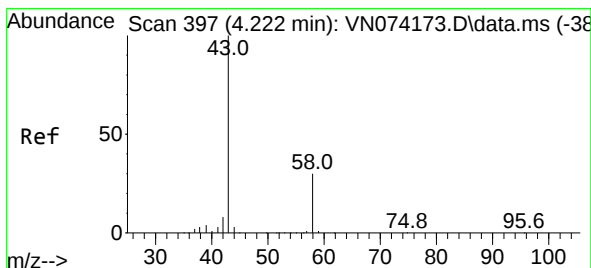
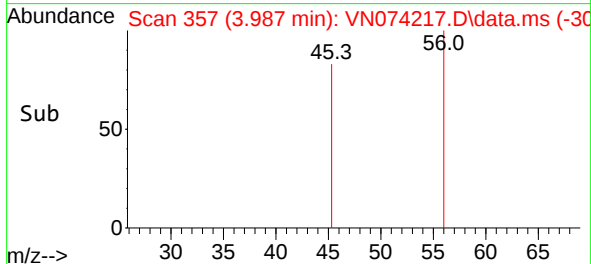
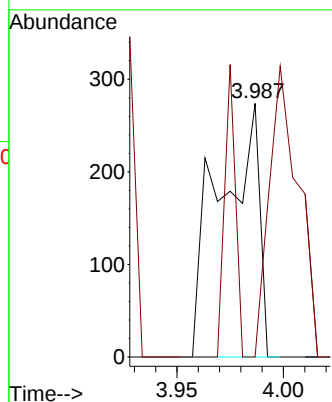


#13
Acrolein
Concen: 0.542 ug/l
RT: 3.987 min Scan# 355
Delta R.T. 0.012 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Instrument :
MSVOA_N
ClientSampleId :

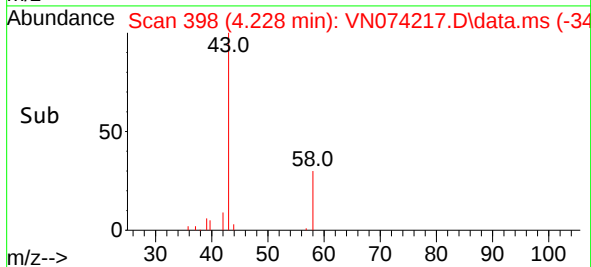
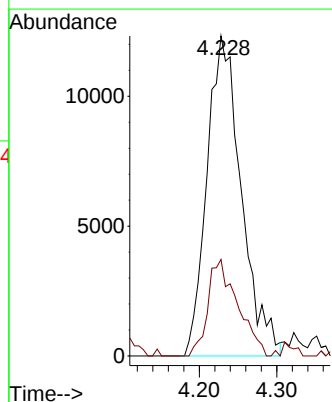
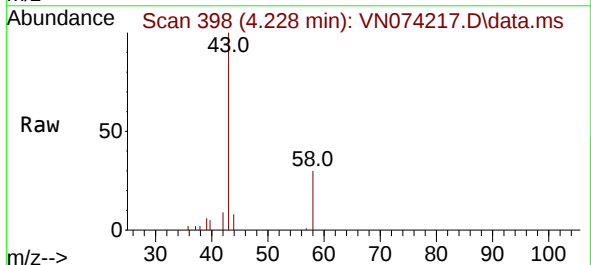


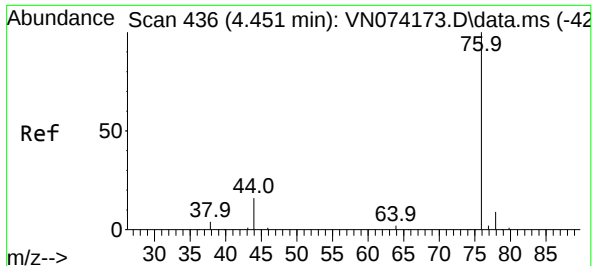
Tgt Ion: 56 Resp: 354
Ion Ratio Lower Upper
56 100
55 84.5 54.8 82.2#



#16
Acetone
Concen: 19.242 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

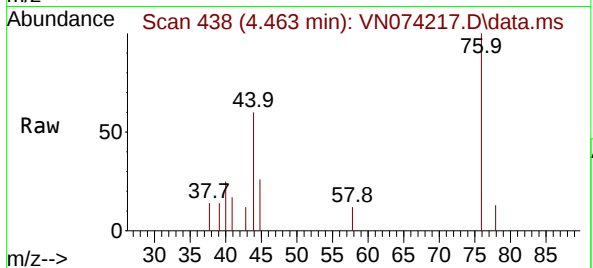
Tgt Ion: 43 Resp: 37967
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0



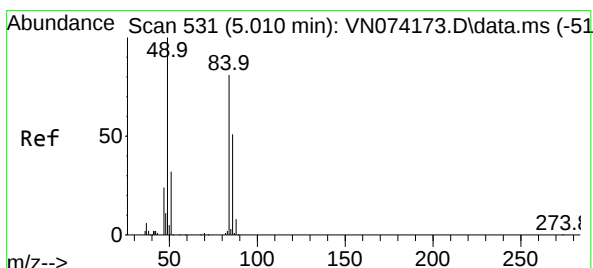
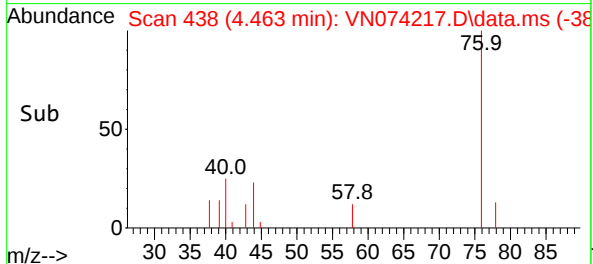
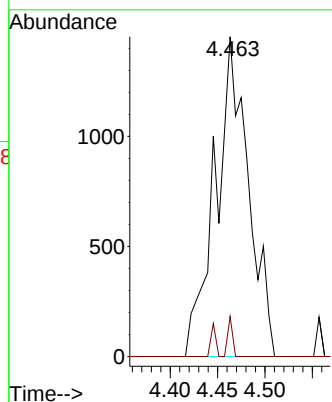


#17
Carbon Disulfide
Concen: 0.556 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Instrument :
MSVOA_N
ClientSampleId :

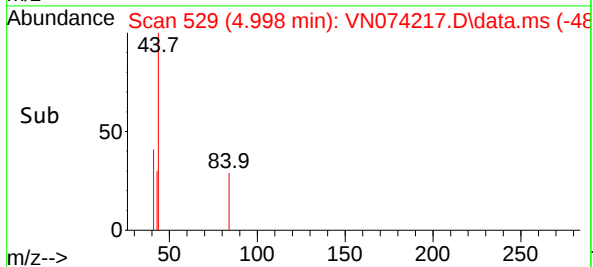
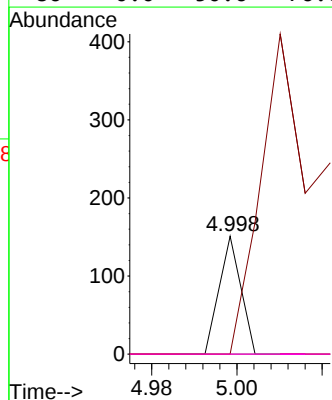
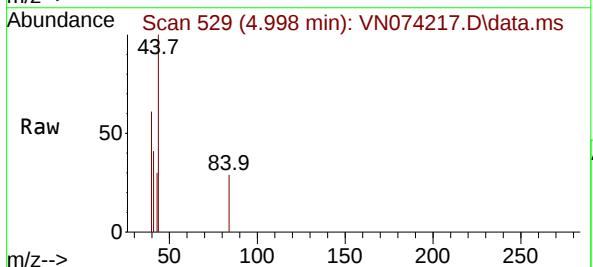


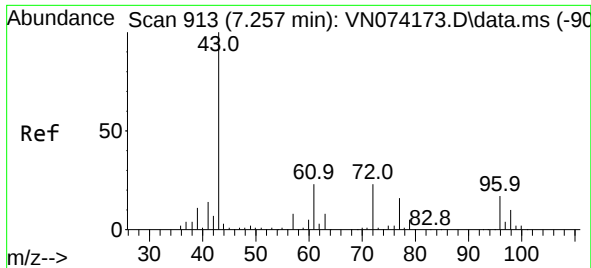
Tgt Ion: 76 Resp: 3532
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.998 min Scan# 529
Delta R.T. -0.012 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 84 Resp: 53
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

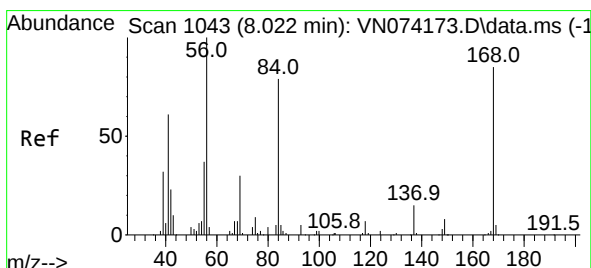
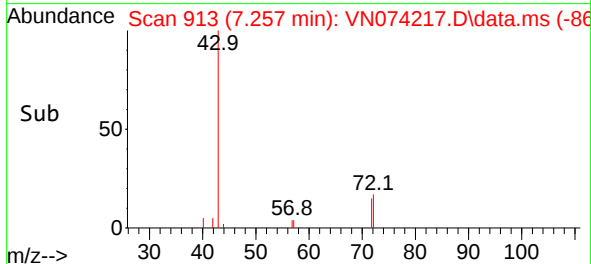
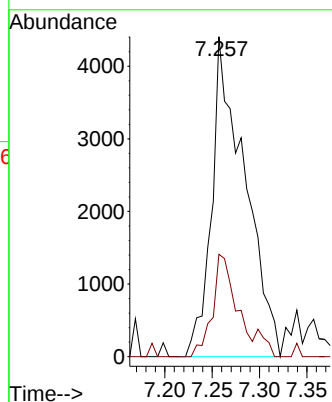
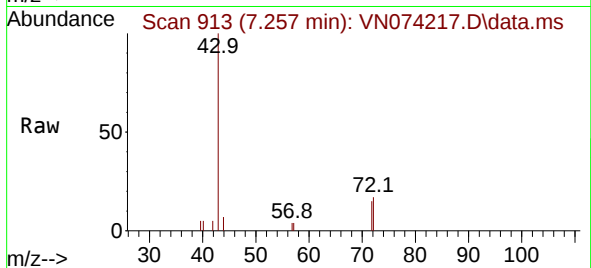




#25
2-Butanone
Concen: 3.371 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

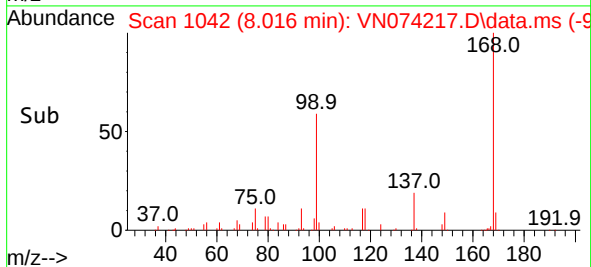
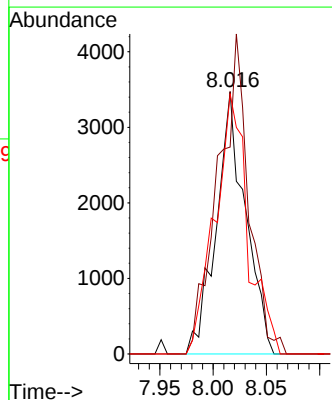
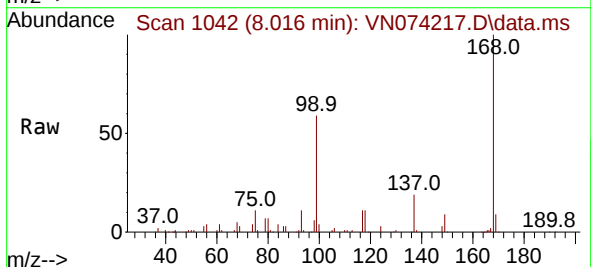
Instrument :
MSVOA_N
ClientSampleId :

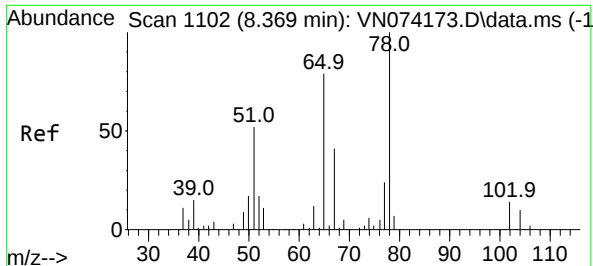
Tgt Ion: 43 Resp: 10639
Ion Ratio Lower Upper
43 100
72 32.0 23.7 35.5



#31
Cyclohexane
Concen: 1.360 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 56 Resp: 6635
Ion Ratio Lower Upper
56 100
69 78.8 27.8 41.8#
84 99.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 53.368 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074217.D

Acq: 31 Aug 2022 16:23

Instrument :

MSVOA_N

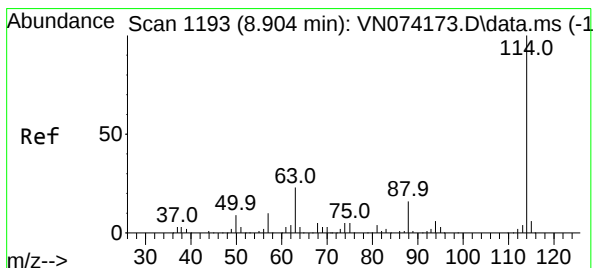
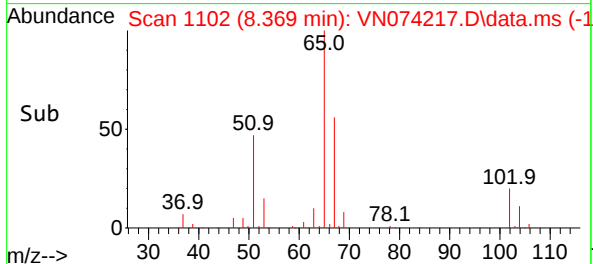
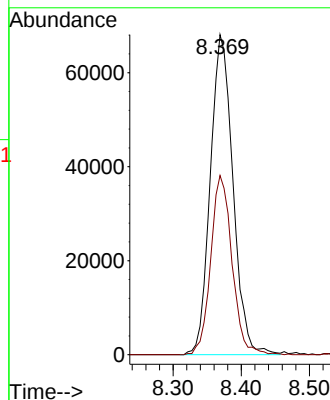
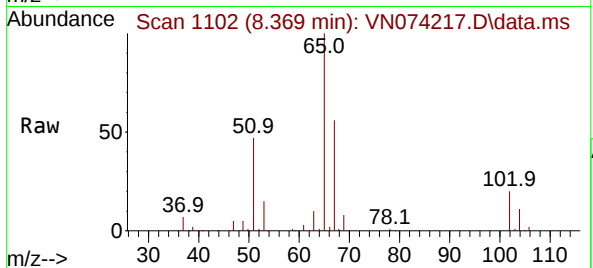
ClientSampleId :

Tgt Ion: 65 Resp: 157587

Ion Ratio Lower Upper

65 100

67 52.7 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: VN074217.D

Acq: 31 Aug 2022 16:23

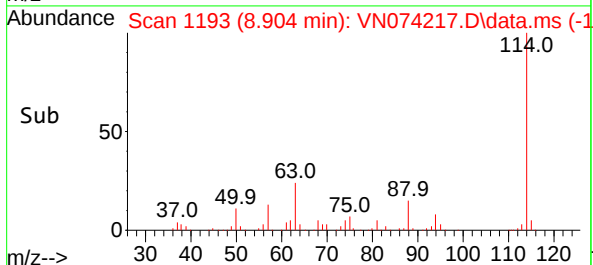
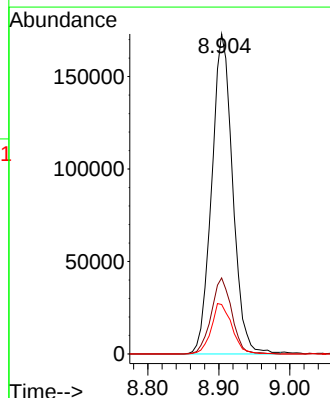
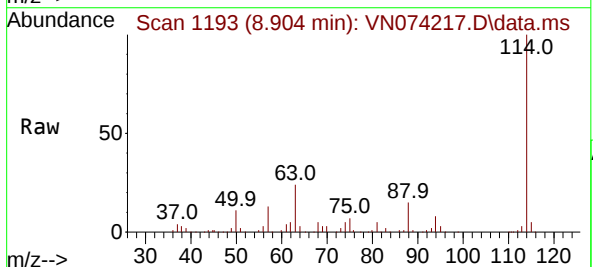
Tgt Ion: 114 Resp: 353408

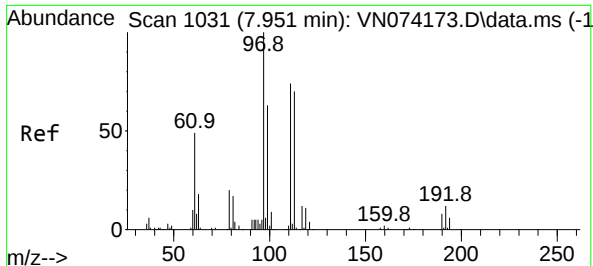
Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.415 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074217.D

Acq: 31 Aug 2022 16:23

Instrument :

MSVOA_N

ClientSampleId :

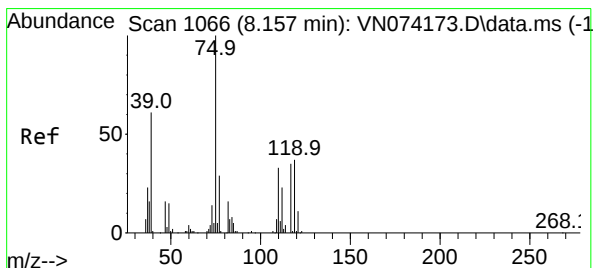
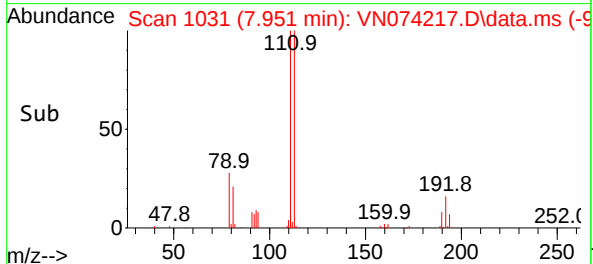
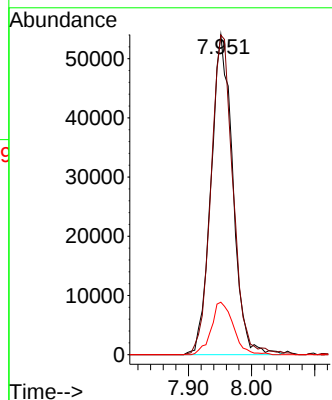
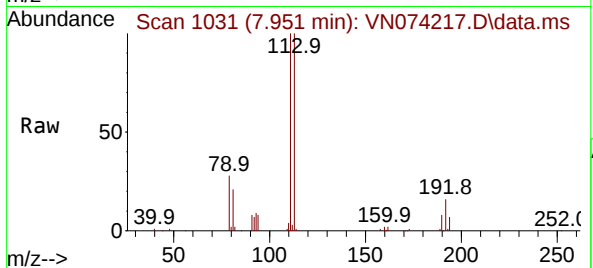
Tgt Ion:113 Resp: 129737

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 16.7 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074217.D

Acq: 31 Aug 2022 16:23

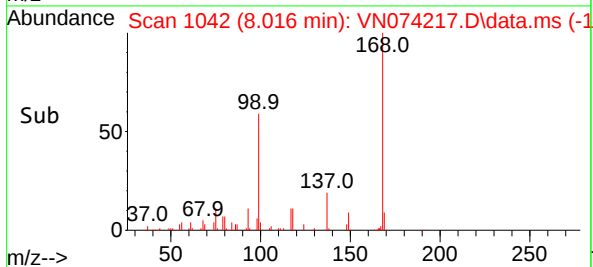
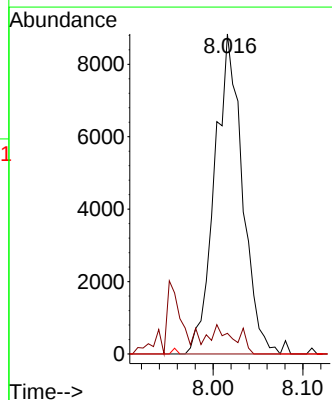
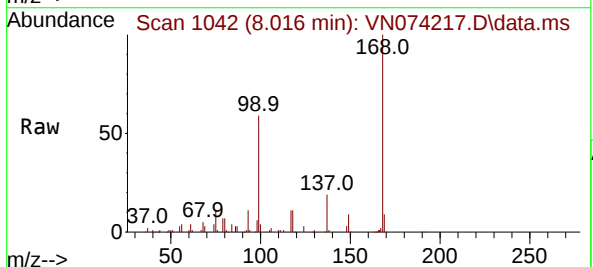
Tgt Ion: 75 Resp: 18985

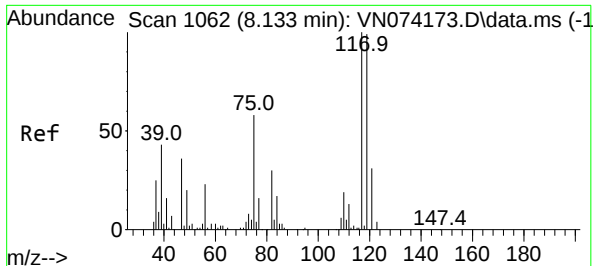
Ion Ratio Lower Upper

75 100

110 6.5 18.3 54.8#

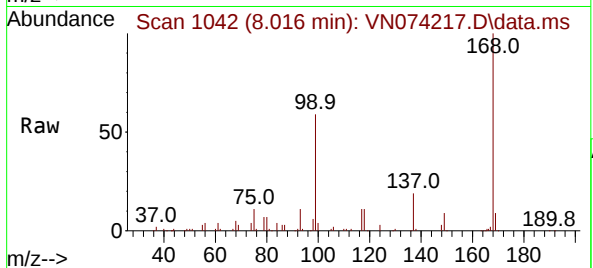
77 0.0 25.1 37.7#



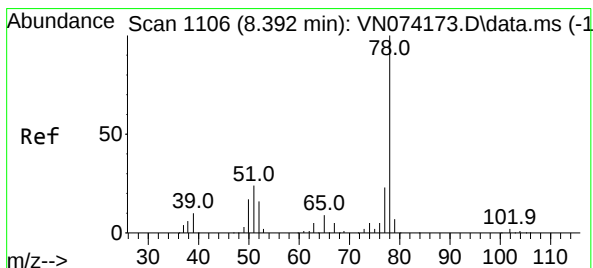
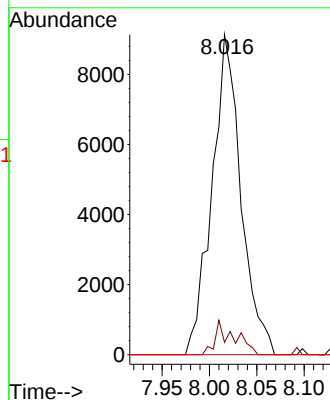
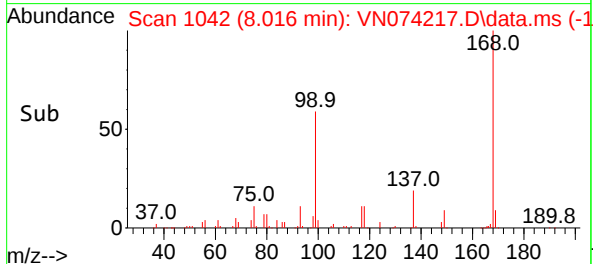


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 8.016 min Scan# 1105
Delta R.T. -0.117 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Instrument :
MSVOA_N
ClientSampleId :

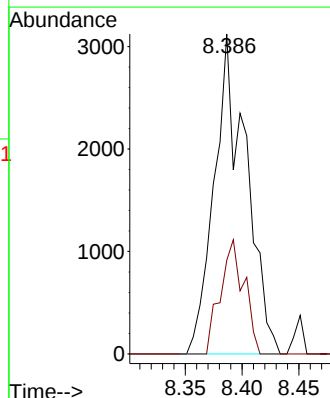
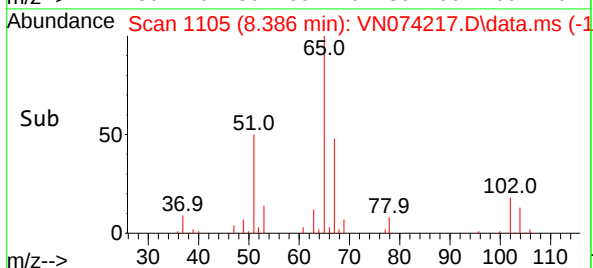
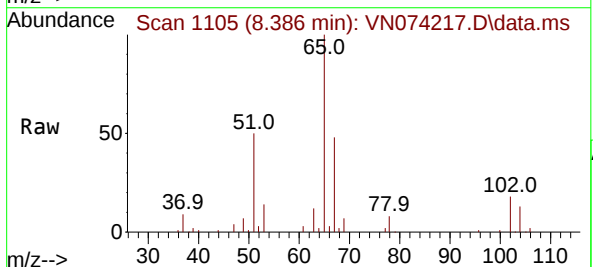


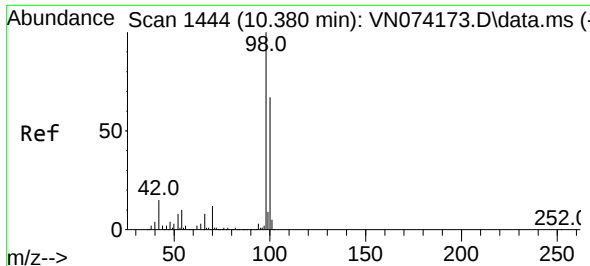
Tgt Ion:117 Resp: 19460
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.520 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 78 Resp: 6092
Ion Ratio Lower Upper
78 100
77 29.2 19.4 29.0#

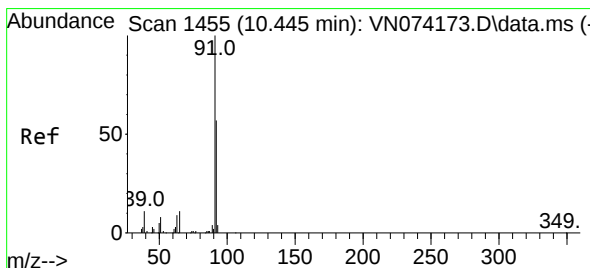
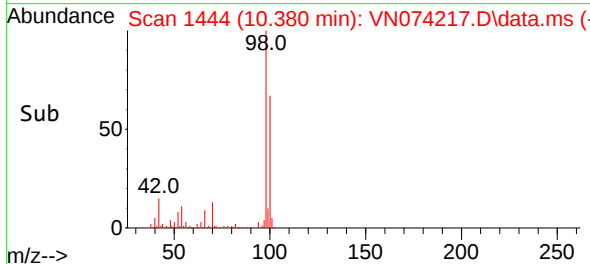
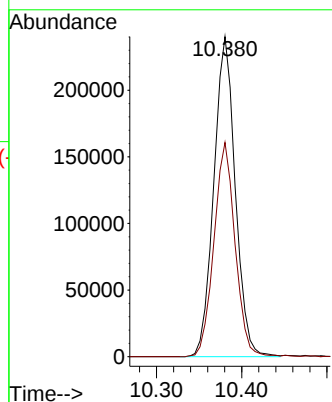
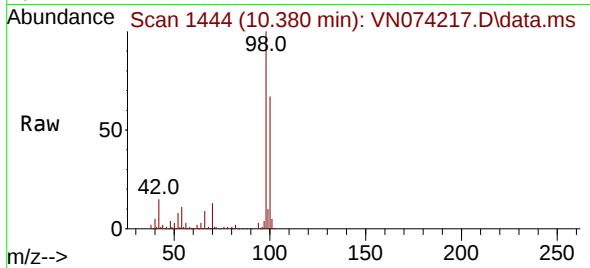




#50
Toluene-d8
Concen: 46.391 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

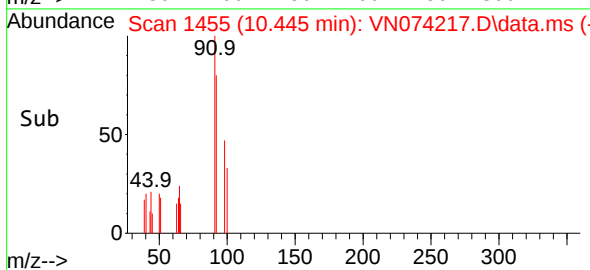
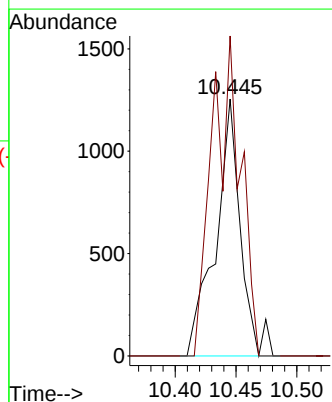
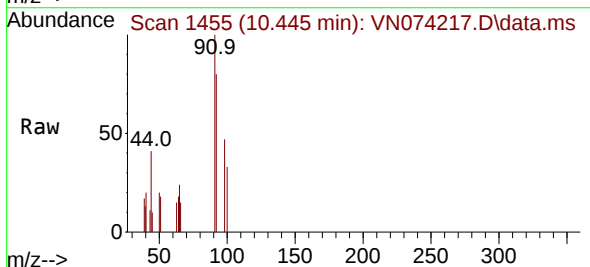
Instrument :
MSVOA_N
ClientSampleId :

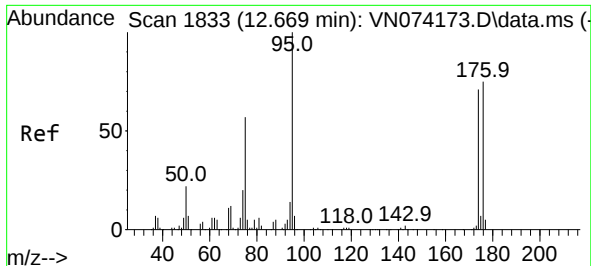
Tgt Ion: 98 Resp: 420138
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#52
Toluene
Concen: 0.259 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 92 Resp: 1791
Ion Ratio Lower Upper
92 100
91 68.4 138.6 207.8#

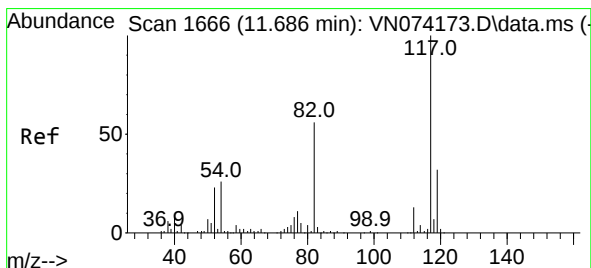
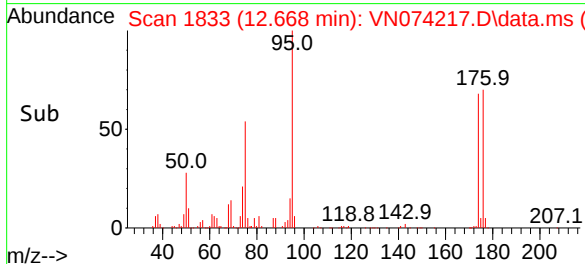
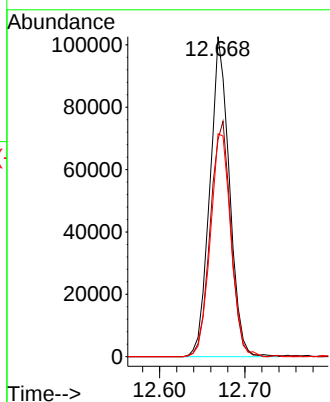
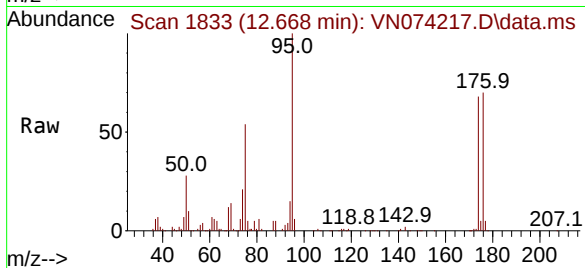




#62
4-Bromofluorobenzene
Concen: 59.272 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

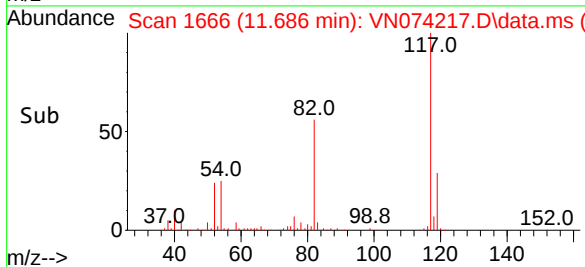
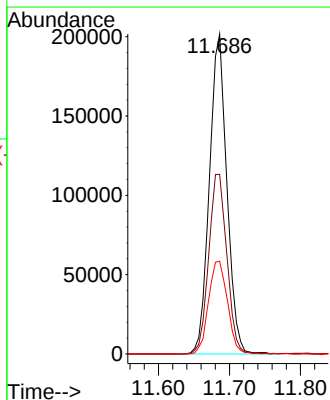
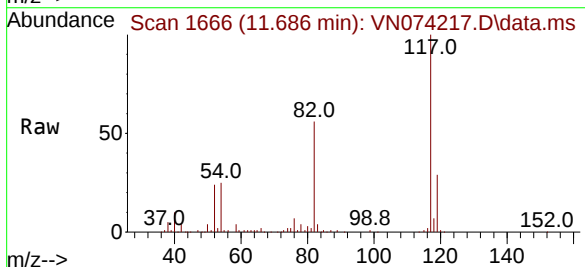
Instrument :
MSVOA_N
ClientSampleId :

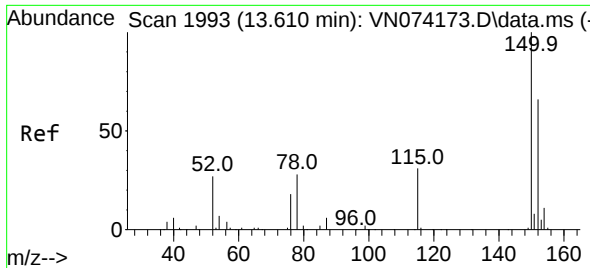
Tgt Ion: 95 Resp: 163242
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 73.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 117 Resp: 344339
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 29.0 25.4 38.0

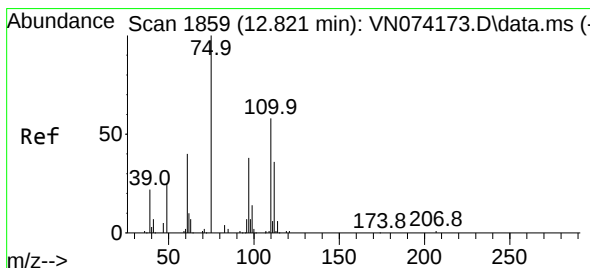
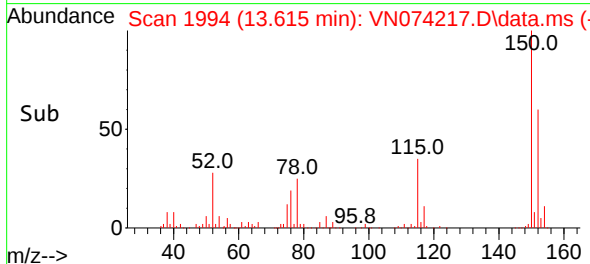
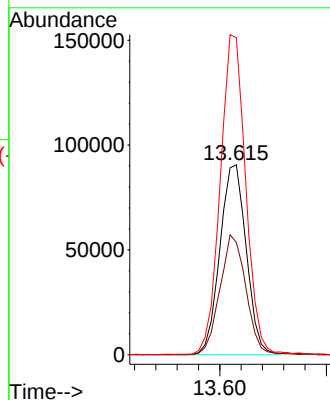
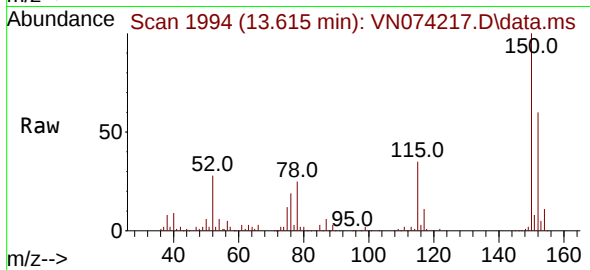




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN074217.D
 Acq: 31 Aug 2022 16:23

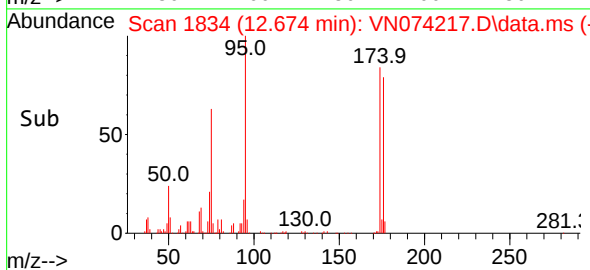
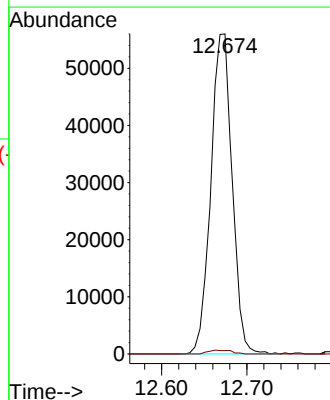
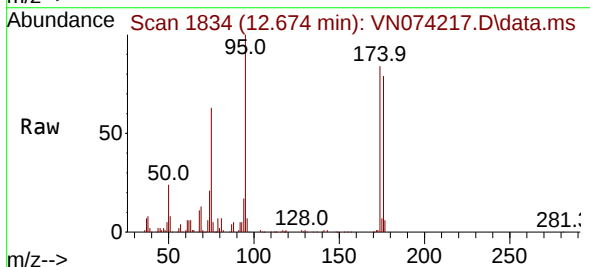
Instrument :
 MSVOA_N
 ClientSampleId :

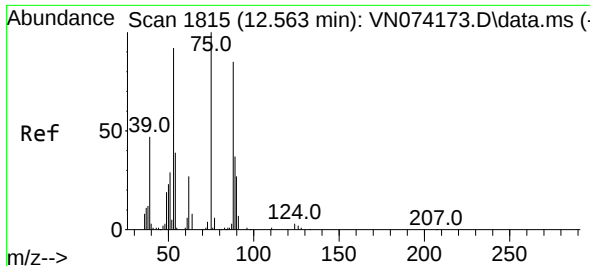
Tgt Ion:152 Resp: 155490
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.9 86.7
 150 162.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 25.161 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074217.D
 Acq: 31 Aug 2022 16:23

Tgt Ion: 75 Resp: 97173
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

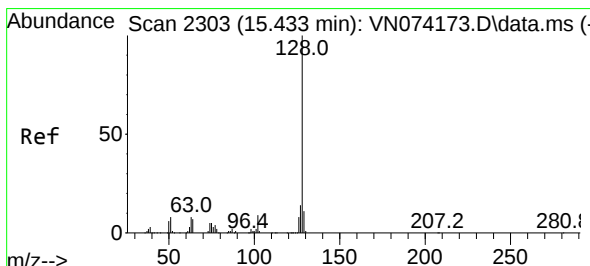
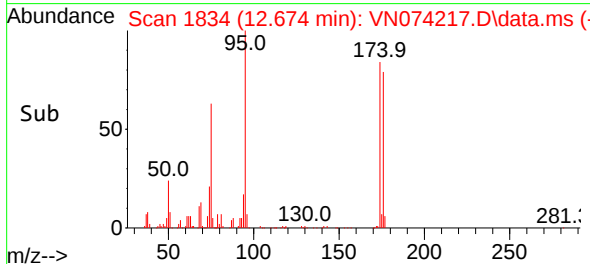
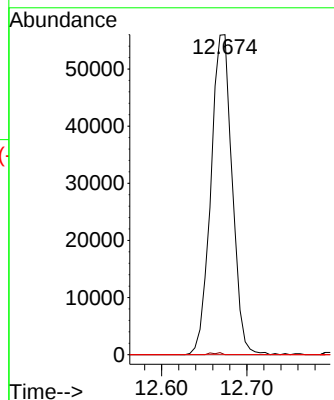
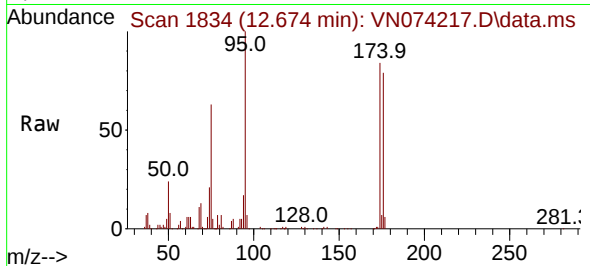




#81
trans-1,4-Dichloro-2-butene
Concen: 64.868 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.112 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 97173
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.312 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074217.D
Acq: 31 Aug 2022 16:23

Tgt Ion: 128 Resp: 1946
Ion Ratio Lower Upper
128 100
127 17.1 10.3 15.5#
129 2.9 8.6 13.0#

