

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073339.D
 Acq On : 06 Jul 2022 12:34
 Operator : JC\MD
 Sample : N3562-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Jul 07 04:21:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

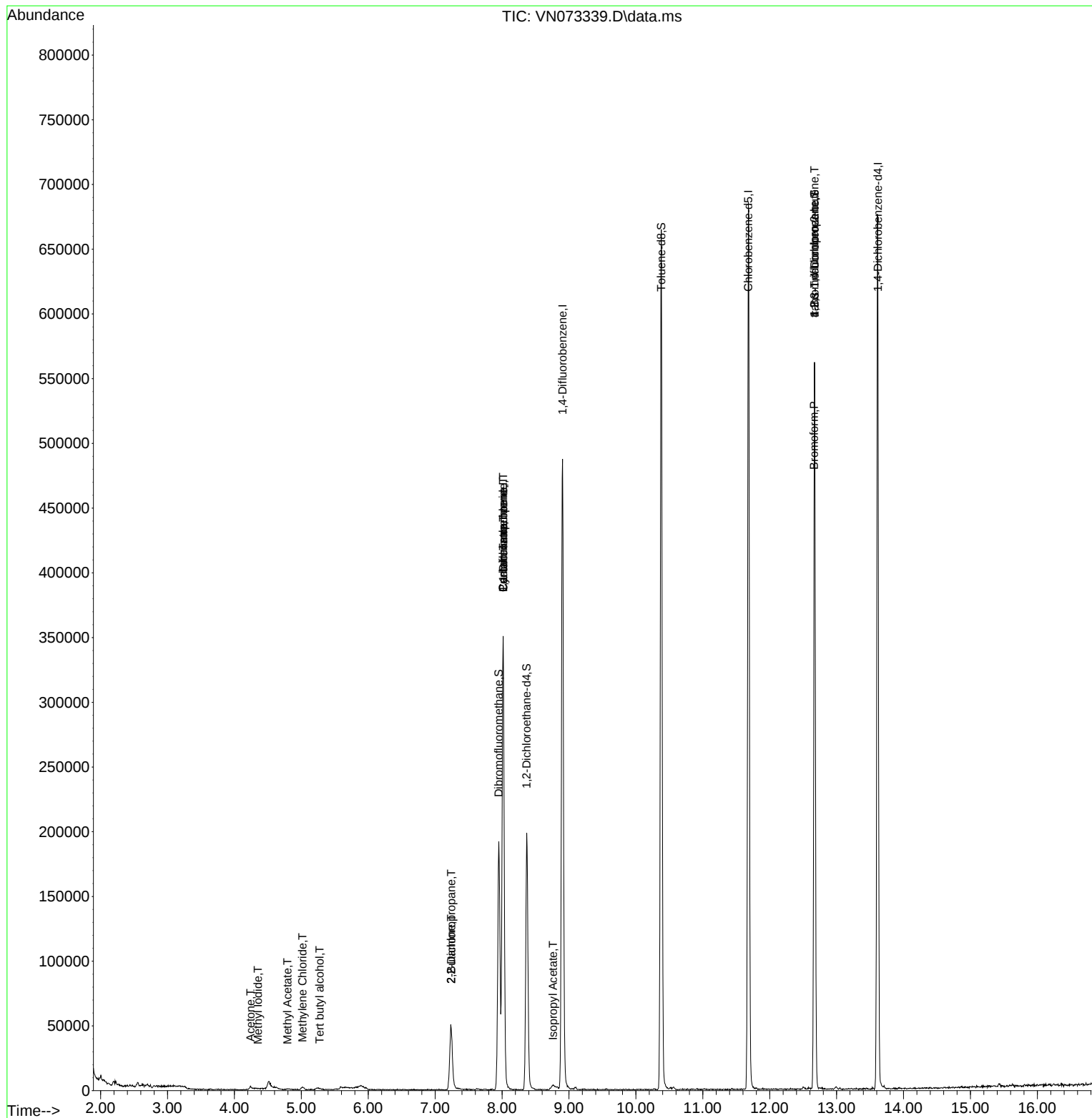
Internal Standards						
1) Pentafluorobenzene	8.016	168	258379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	433857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	179320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166541	44.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.300%		
35) Dibromofluoromethane	7.951	113	140755	48.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	10.380	98	454815	44.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.720%		
62) 4-Bromofluorobenzene	12.668	95	193639	49.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.300%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.351	142	165	3.771	ug/l #	44
11) Tert butyl alcohol	5.275	59	1125	1.245	ug/l #	72
16) Acetone	4.240	43	3178	1.518	ug/l #	82
18) Methyl Acetate	4.793	43	1557	0.265	ug/l #	48
20) Methylene Chloride	5.016	84	1580	0.429	ug/l	96
25) 2-Butanone	7.239	43	2619	0.786	ug/l #	45
26) 2,2-Dichloropropane	7.239	77	3294	0.576	ug/l #	53
31) Cyclohexane	8.016	56	6215	1.017	ug/l #	10
36) 1,1-Dichloropropene	8.016	75	22579	5.084	ug/l #	49
38) Carbon Tetrachloride	8.016	117	25976	5.655	ug/l #	18
43) Isopropyl Acetate	8.763	43	3219	0.334	ug/l #	53
71) Bromoform	12.663	173	1624	0.672	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	103985	22.177	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	103985	60.820	ug/l #	10

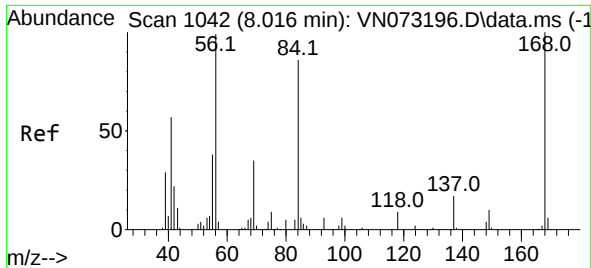
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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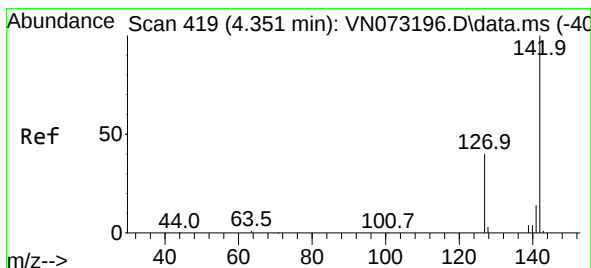
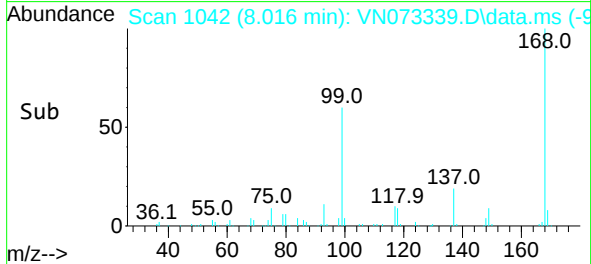
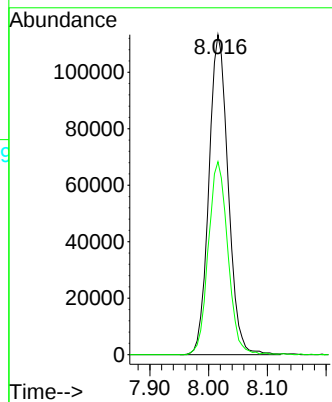
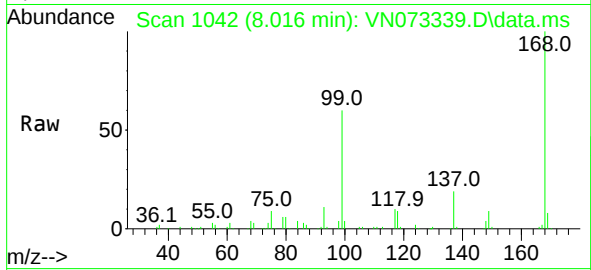




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

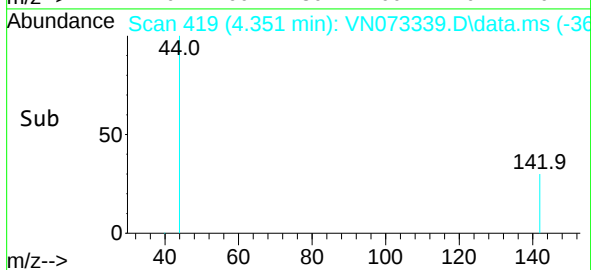
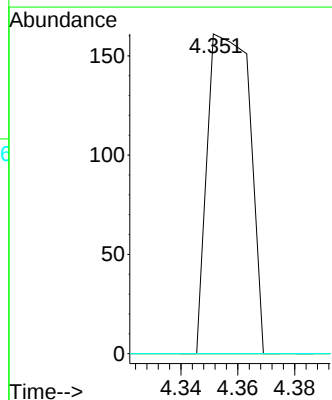
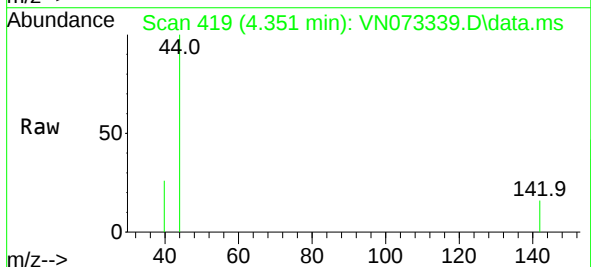
Instrument :
MSVOA_N
ClientSampleId :
FB

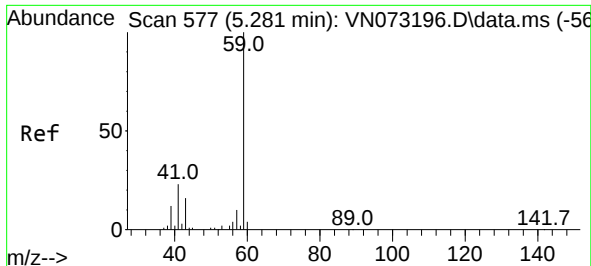
Tgt Ion:168 Resp: 258379
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#10
Methyl Iodide
Concen: 3.771 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion:142 Resp: 165
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

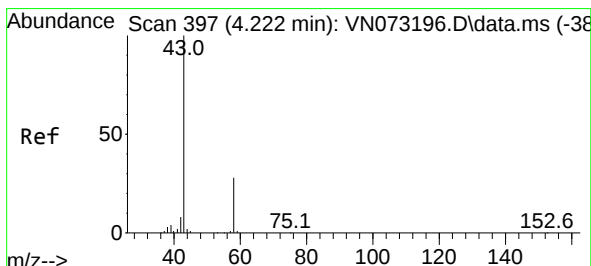
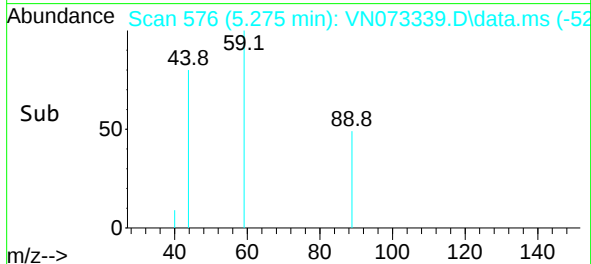
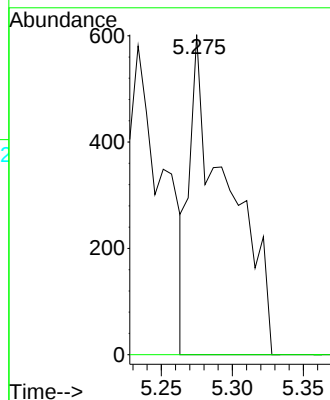
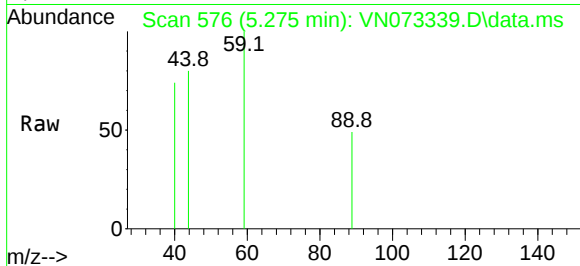




#11
Tert butyl alcohol
Concen: 1.245 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

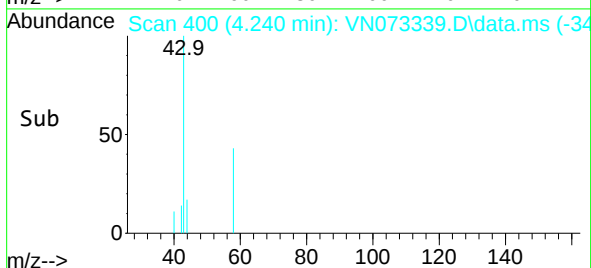
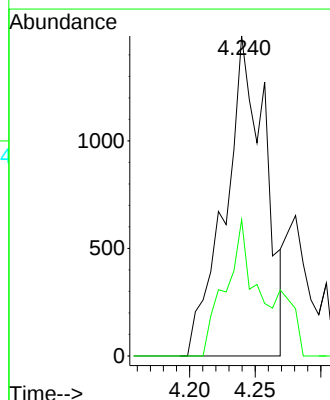
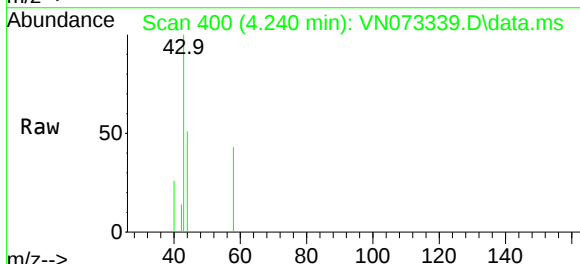
Instrument :
MSVOA_N
ClientSampleId :
FB

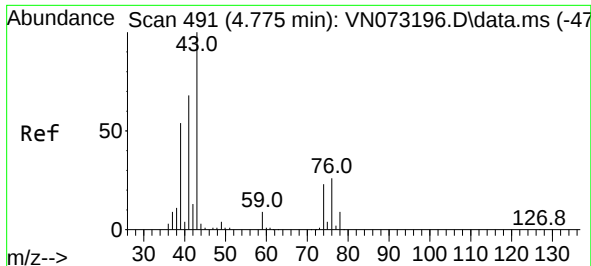
Tgt Ion: 59 Resp: 1125
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.518 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 42.6 26.0 39.0#

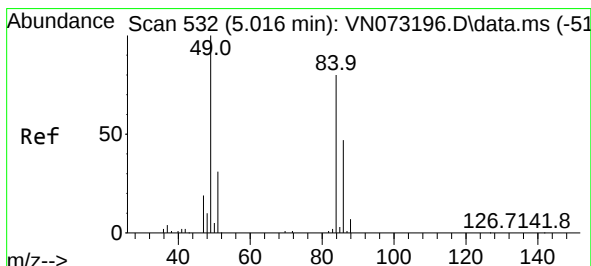
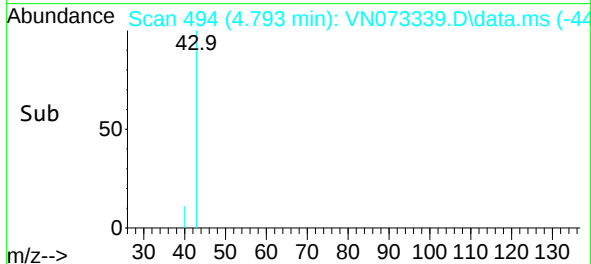
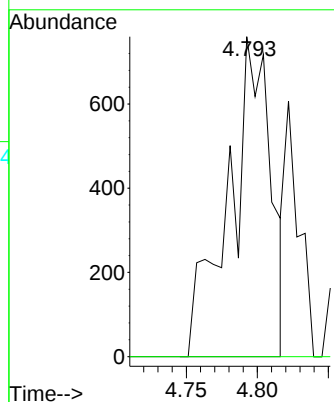
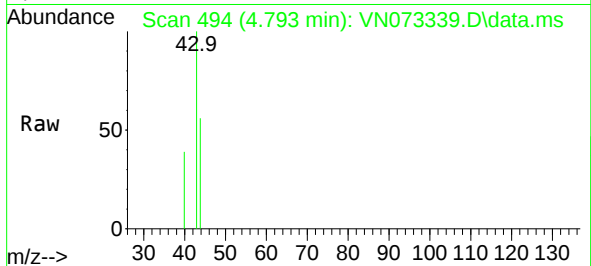




#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

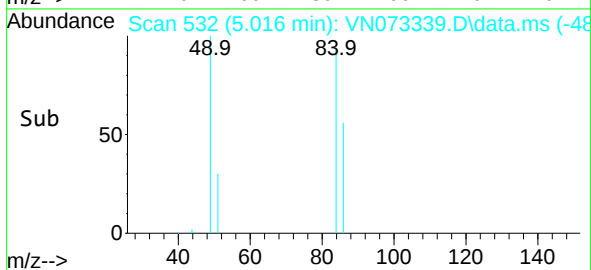
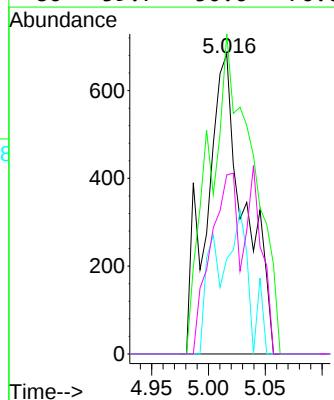
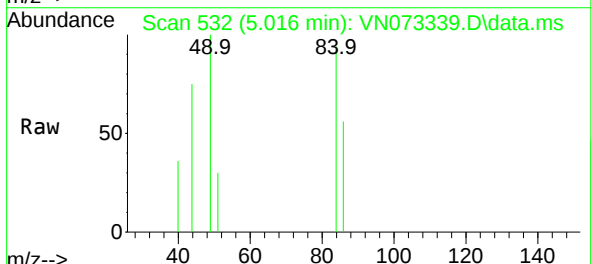
Instrument :
MSVOA_N
ClientSampleId :
FB

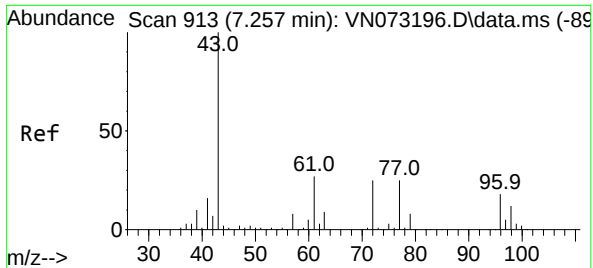
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion: 84 Resp: 1580
Ion Ratio Lower Upper
84 100
49 106.7 88.3 132.5
51 31.8 28.2 42.2
86 59.7 50.6 76.0

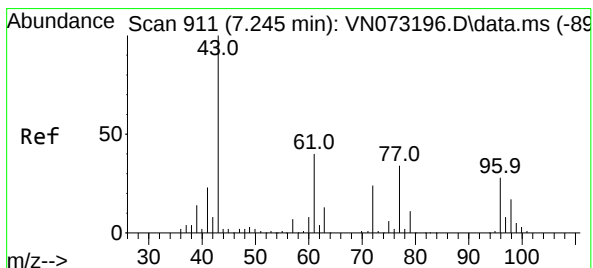
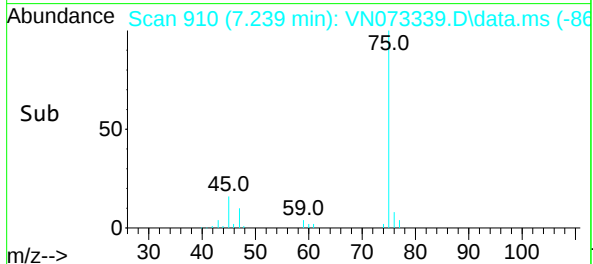
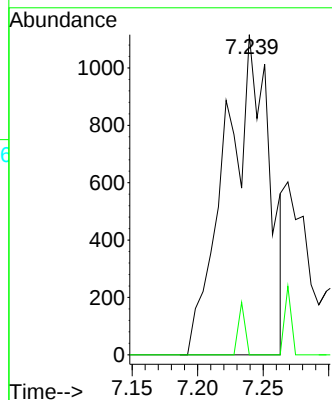
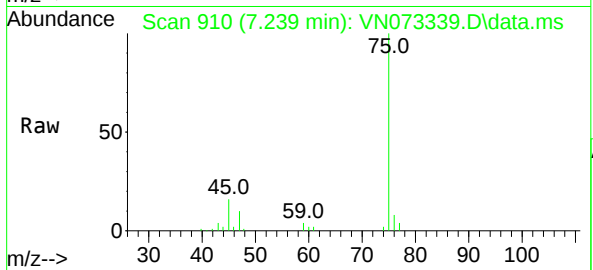




#25
2-Butanone
Concen: 0.786 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

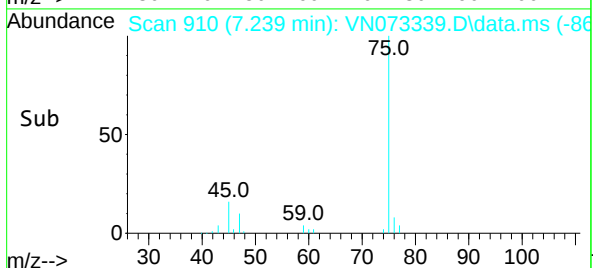
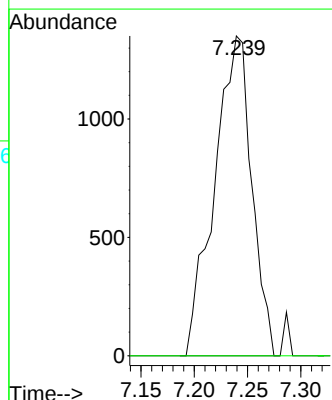
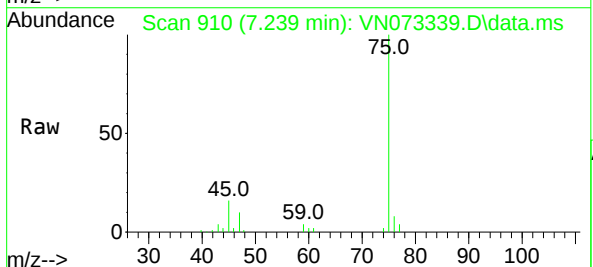
Instrument :
MSVOA_N
ClientSampleId :
FB

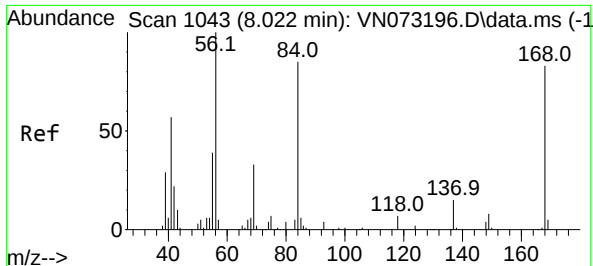
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.576 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion: 77 Resp: 3294
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

Instrument :

MSVOA_N

ClientSampleId :

FB

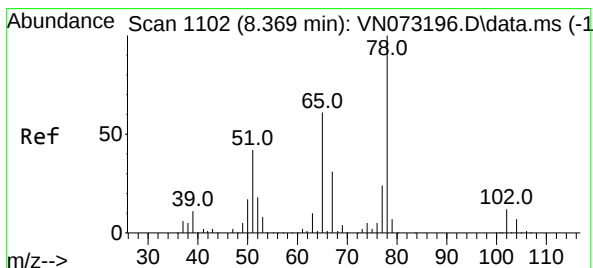
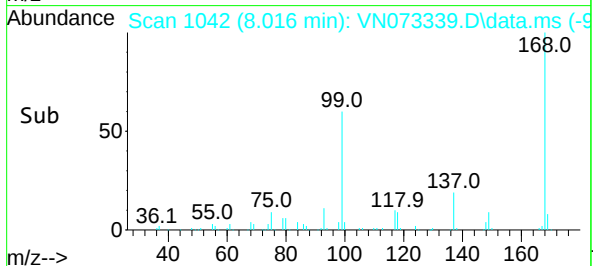
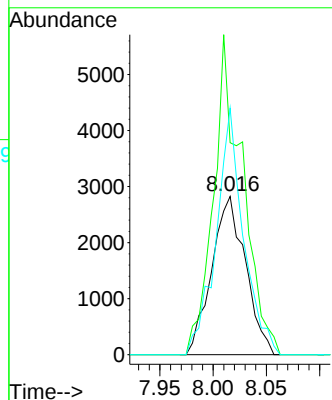
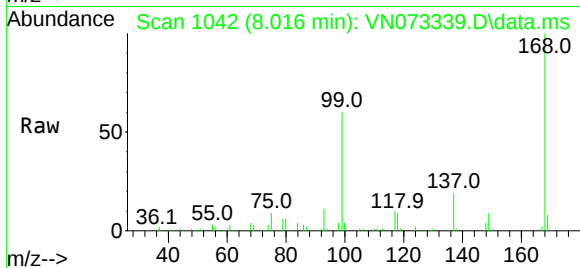
Tgt Ion: 56 Resp: 6215

Ion Ratio Lower Upper

56 100

69 134.0 27.8 41.8#

84 155.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 44.649 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073339.D

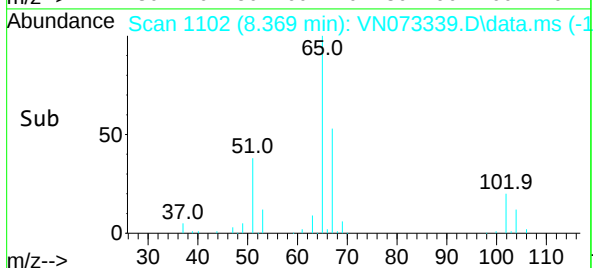
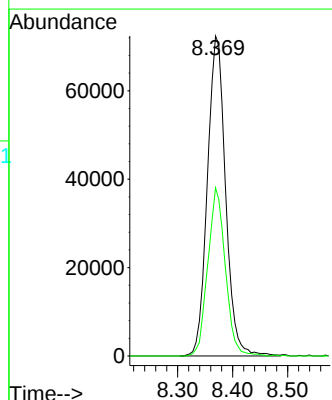
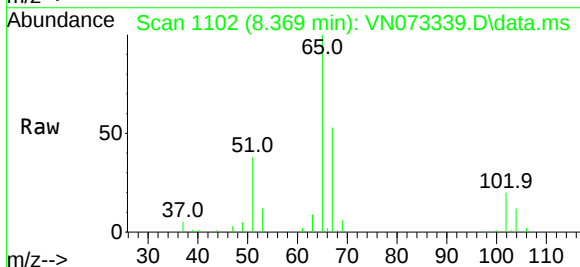
Acq: 06 Jul 2022 12:34

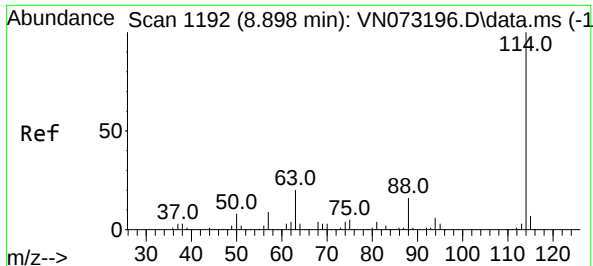
Tgt Ion: 65 Resp: 166541

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

Instrument :

MSVOA_N

ClientSampleId :

FB

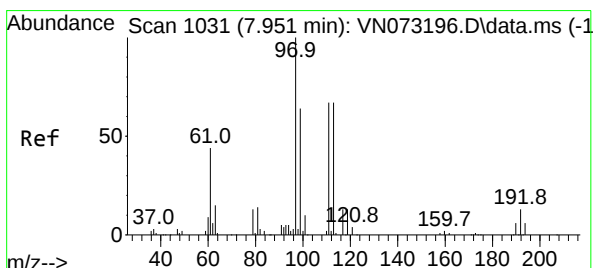
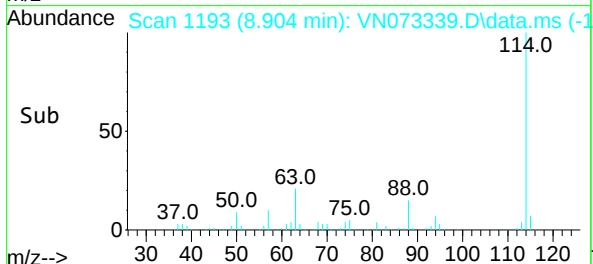
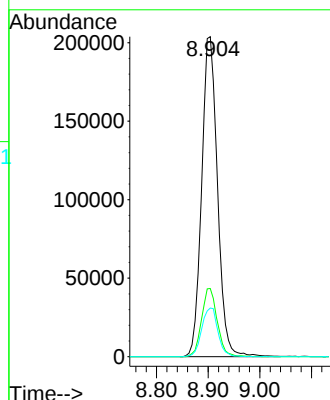
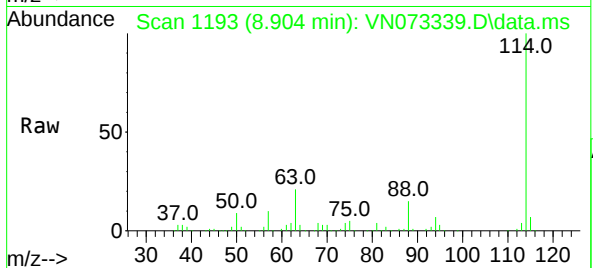
Tgt Ion:114 Resp: 433857

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

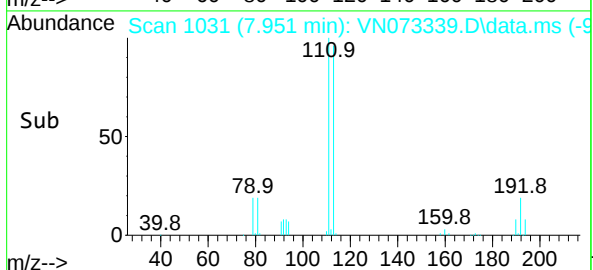
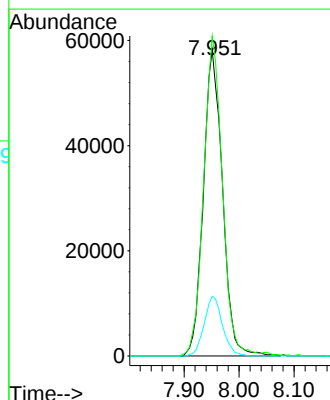
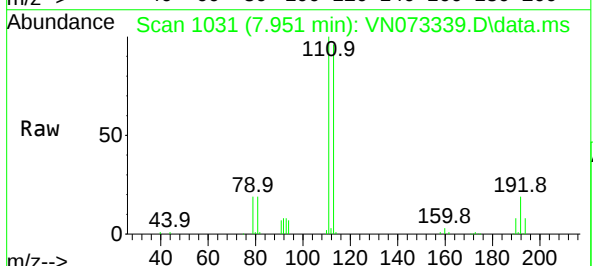
Tgt Ion:113 Resp: 140755

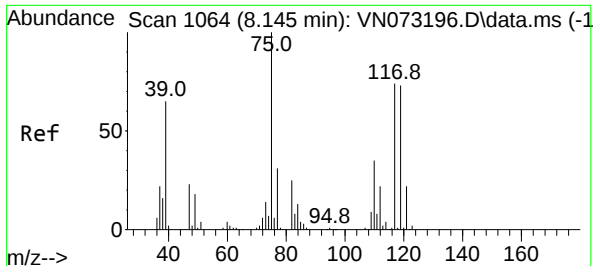
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

Instrument :

MSVOA_N

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FB

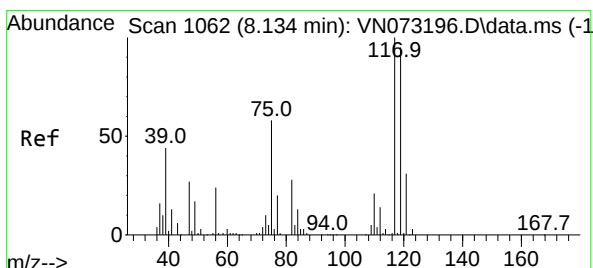
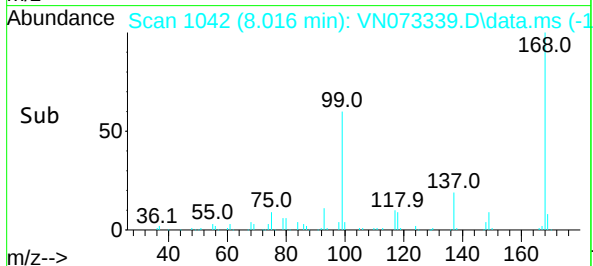
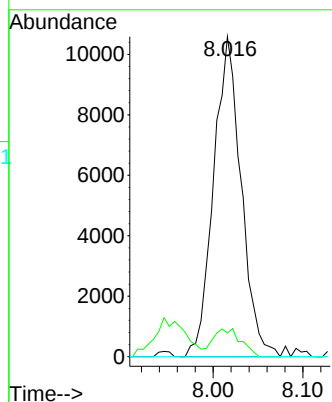
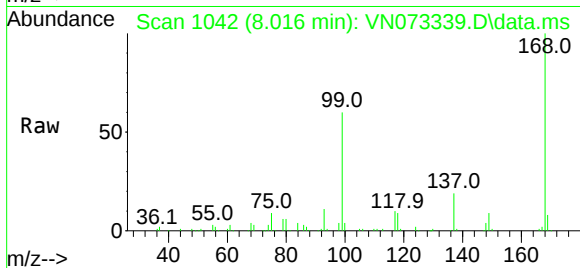
Tgt Ion: 75 Resp: 22579

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.655 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

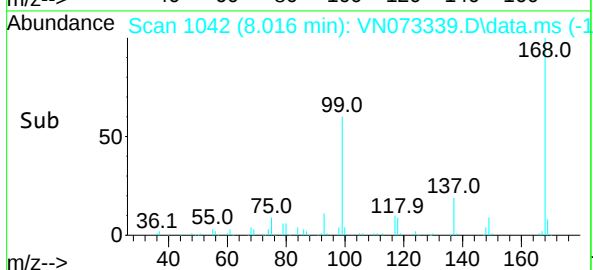
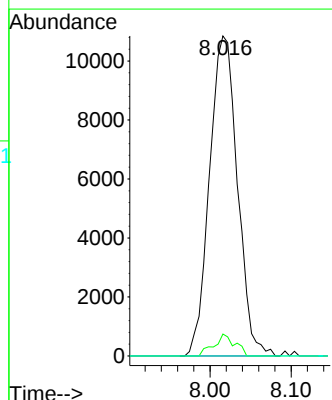
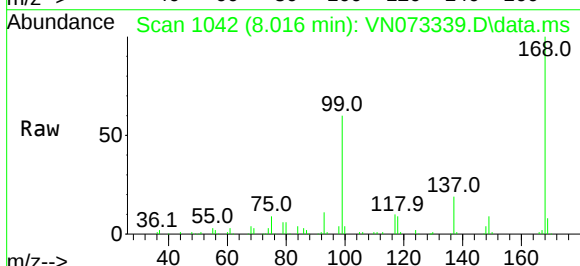
Tgt Ion: 117 Resp: 25976

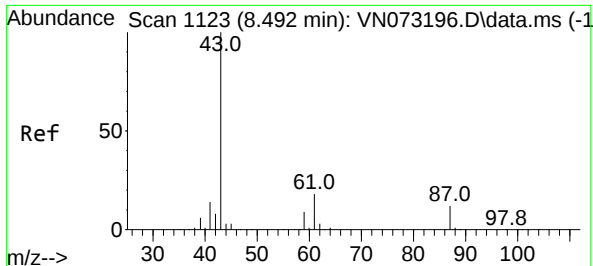
Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.334 ug/l

RT: 8.763 min Scan# 1123

Delta R.T. 0.271 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

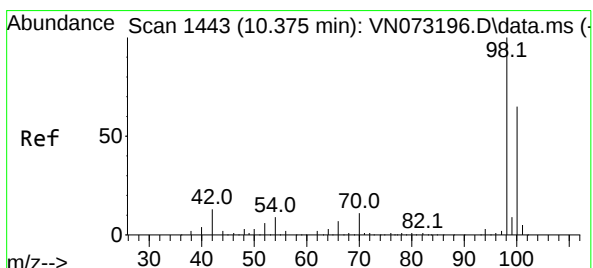
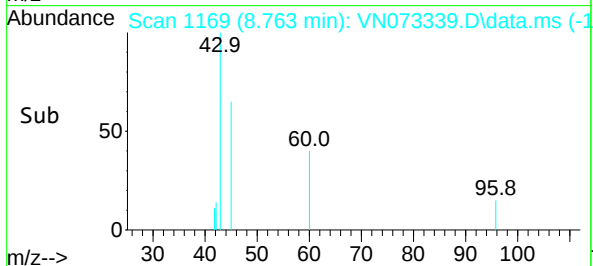
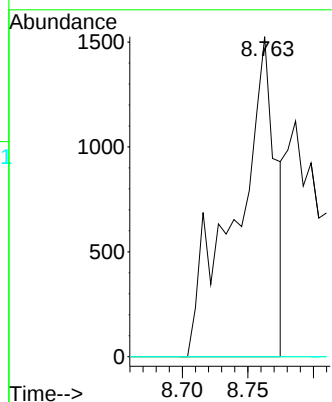
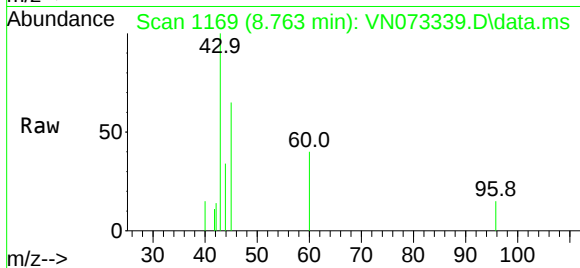
Instrument :

MSVOA_N

ClientSampleId :

FB

Tgt Ion: 43	Resp: 3219
Ion Ratio	Lower Upper
43	100
61	0.0 21.9 32.9#
87	0.0 12.0 18.0#



#50

Toluene-d8

Concen: 44.364 ug/l

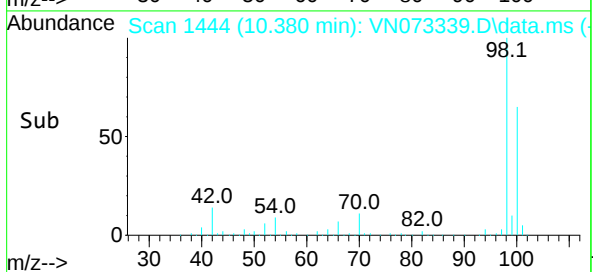
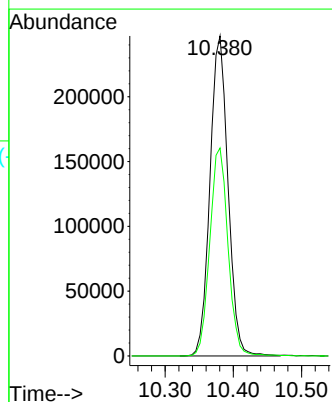
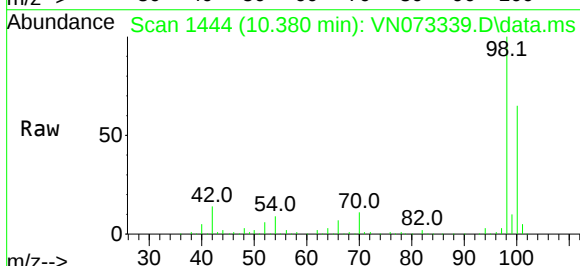
RT: 10.380 min Scan# 1444

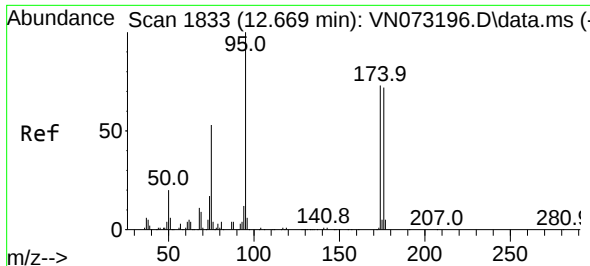
Delta R.T. 0.005 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

Tgt Ion: 98	Resp: 454815
Ion Ratio	Lower Upper
98	100
100	65.8 52.6 78.8

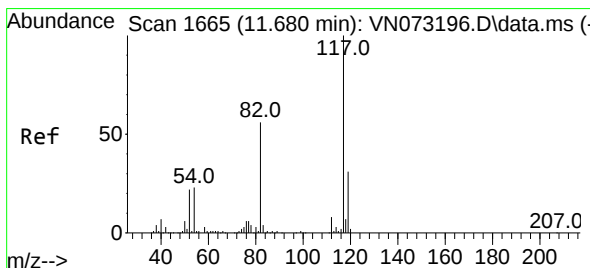
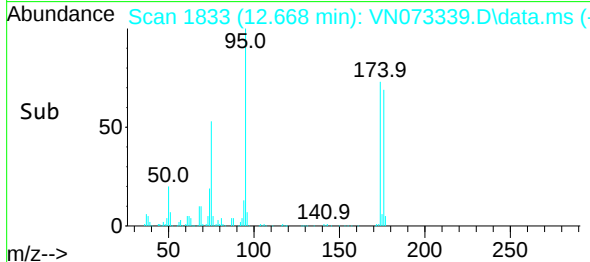
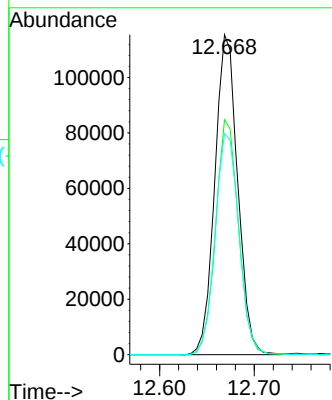
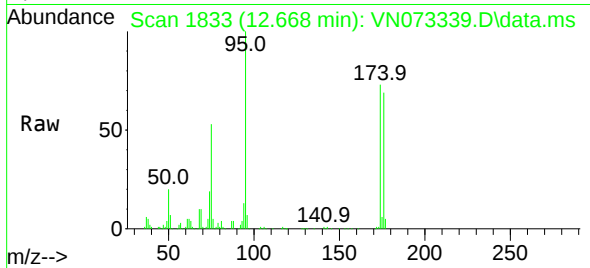




#62
4-Bromofluorobenzene
Concen: 49.150 ug/l
RT: 12.668 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

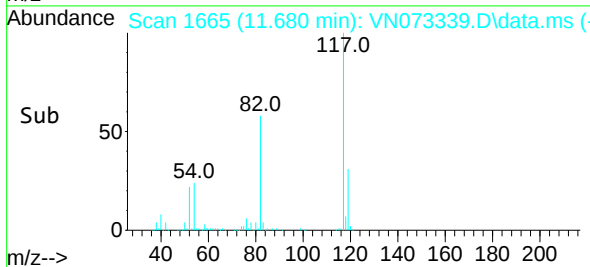
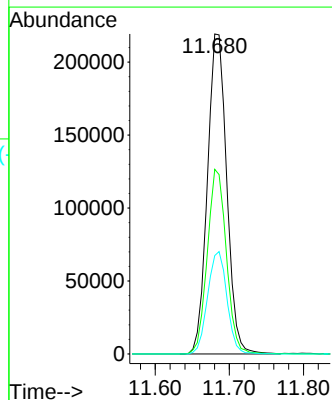
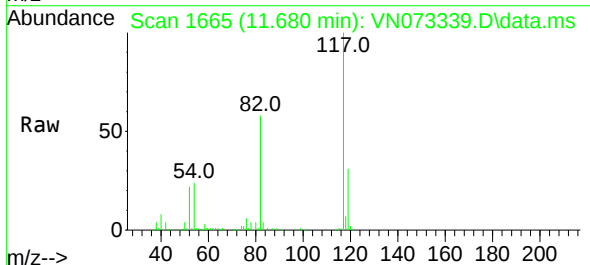
Instrument :
MSVOA_N
ClientSampleId :
FB

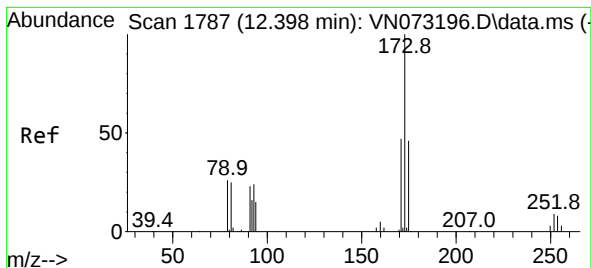
Tgt Ion: 95 Resp: 193639
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion: 117 Resp: 396906
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 30.8 25.4 38.0





#71

Bromoform

Concen: 0.672 ug/l

RT: 12.663 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

Instrument :

MSVOA_N

ClientSampleId :

FB

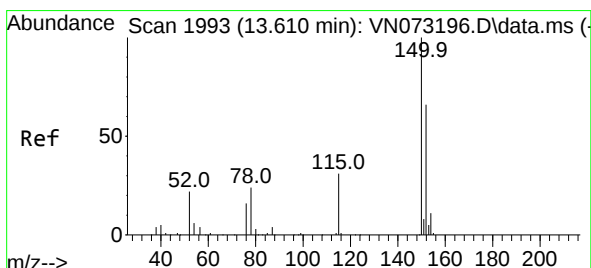
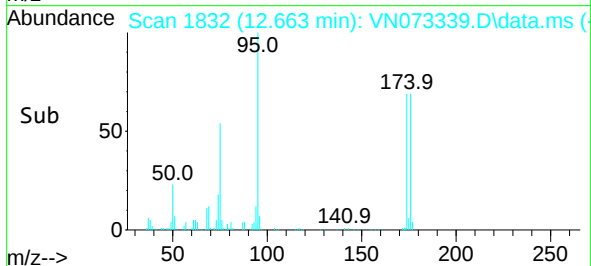
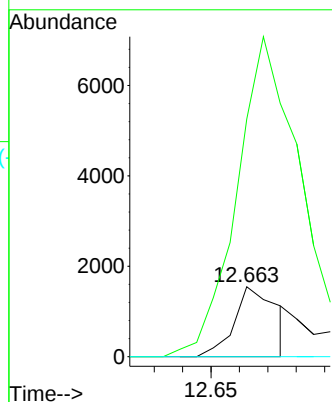
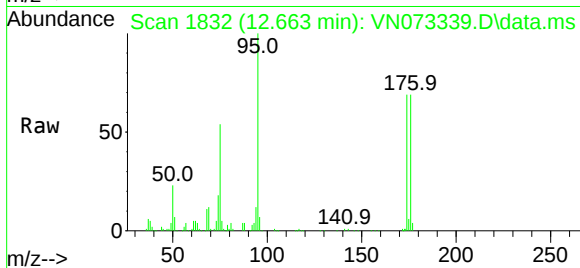
Tgt Ion:173 Resp: 1624

Ion Ratio Lower Upper

173 100

175 483.8 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073339.D

Acq: 06 Jul 2022 12:34

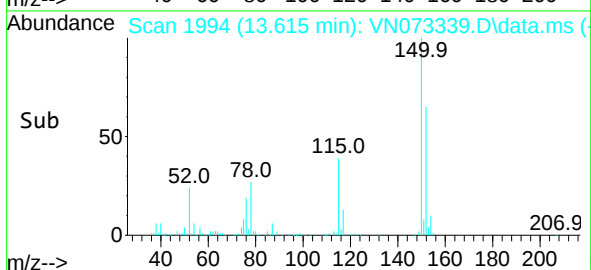
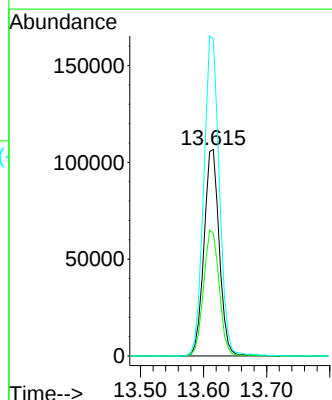
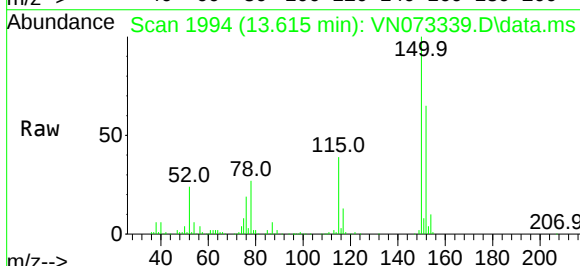
Tgt Ion:152 Resp: 179320

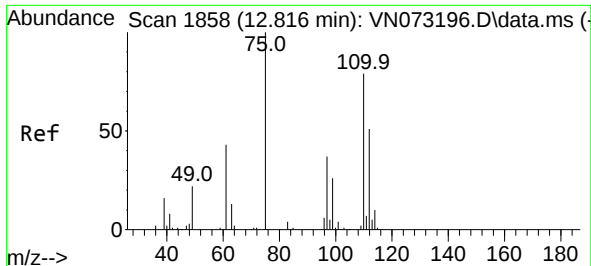
Ion Ratio Lower Upper

152 100

115 62.5 28.9 86.7

150 158.0 0.0 356.2

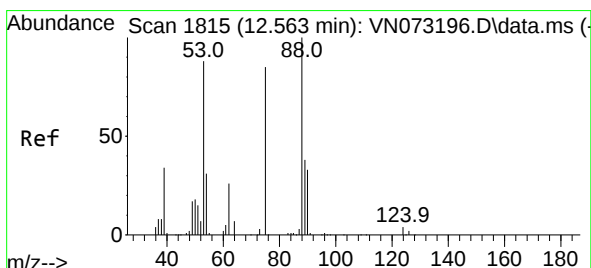
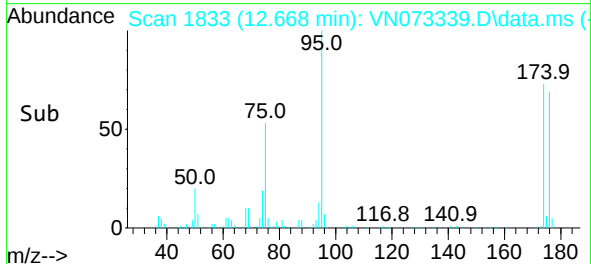
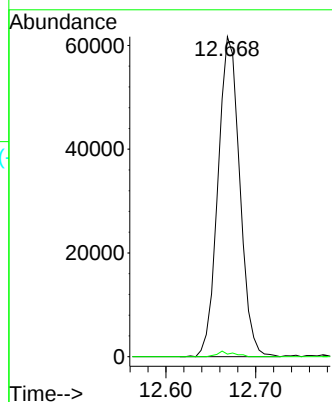
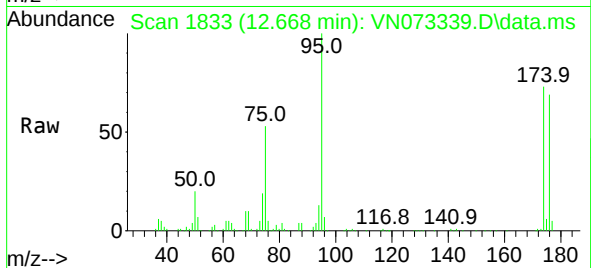




#76
1,2,3-Trichloropropane
Concen: 22.177 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion: 75 Resp: 103985
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.820 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073339.D
Acq: 06 Jul 2022 12:34

Tgt Ion: 75 Resp: 103985
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

