

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072478.D
 Acq On : 13 May 2022 15:37
 Operator : JC\MD
 Sample : N2680-10ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B5-5-7

Quant Time: May 14 02:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

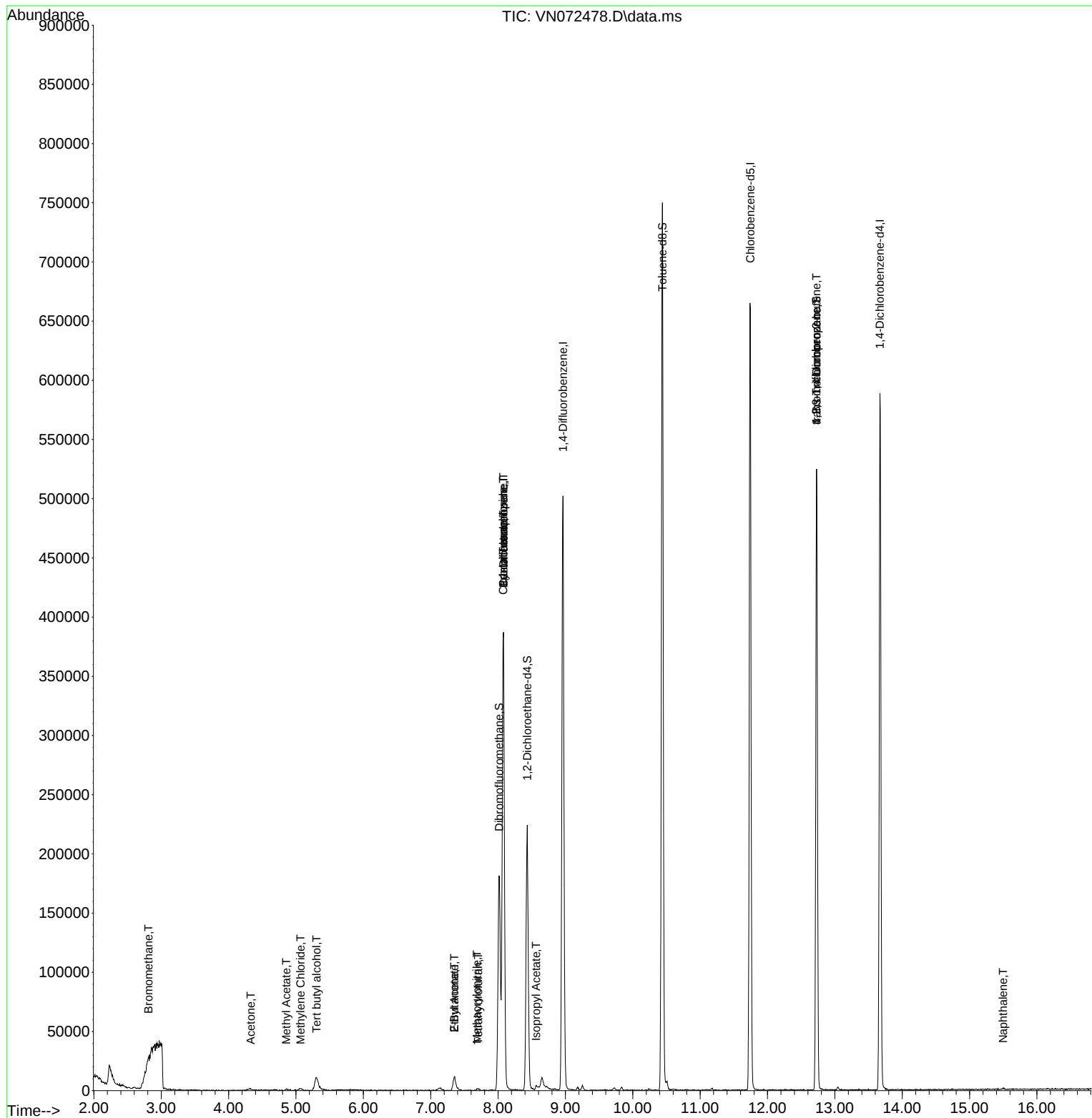
Internal Standards						
1) Pentafluorobenzene	8.080	168	285454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	433631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	380735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	158938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	199154	45.550	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.100%
35) Dibromofluoromethane	8.016	113	136898	47.453	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.900%
50) Toluene-d8	10.439	98	516165	46.978	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.727	95	176611	48.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	584	Below Cal	#	43
5) Bromomethane	2.810	94	1221	0.677	ug/l #	53
6) Chloroethane	3.040	64	67	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	11219	15.693	ug/l #	72
16) Acetone	4.328	43	2621	1.514	ug/l	93
18) Methyl Acetate	4.857	43	1289	0.253	ug/l #	57
20) Methylene Chloride	5.069	84	1159	0.326	ug/l #	69
25) 2-Butanone	7.351	43	19265	7.050	ug/l #	89
29) Tetrahydrofuran	7.704	42	1272	0.716	ug/l #	49
31) Cyclohexane	8.080	56	6309	1.089	ug/l #	12
36) 1,1-Dichloropropene	8.080	75	23357	5.637	ug/l #	48
37) Ethyl Acetate	7.351	43	19265	3.875	ug/l #	67
38) Carbon Tetrachloride	8.075	117	31363	6.763	ug/l #	19
41) Methacrylonitrile	7.686	41	765	0.311	ug/l #	23
43) Isopropyl Acetate	8.563	43	2461	0.322	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	100316	24.199	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	100316	80.729	ug/l #	10
95) Naphthalene	15.498	128	1125	3.315	ug/l #	69

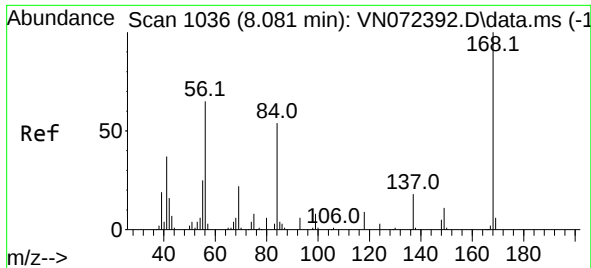
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072478.D
Acq On : 13 May 2022 15:37
Operator : JC\MD
Sample : N2680-10ME
Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

Quant Time: May 14 02:35:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

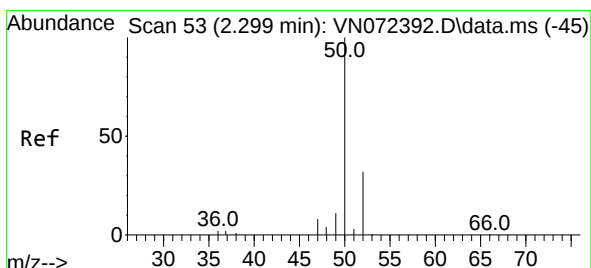
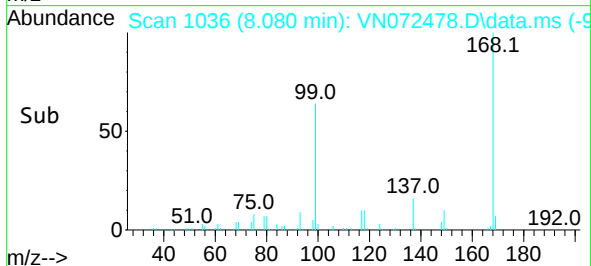
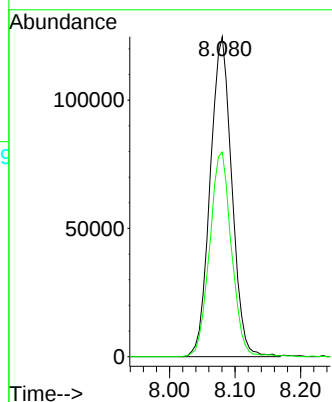
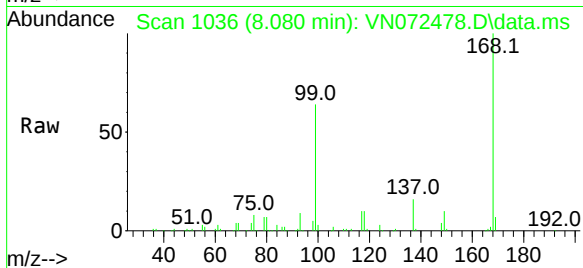




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

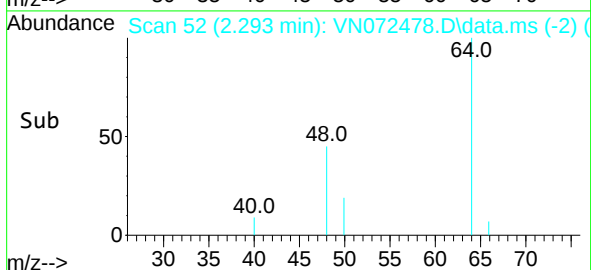
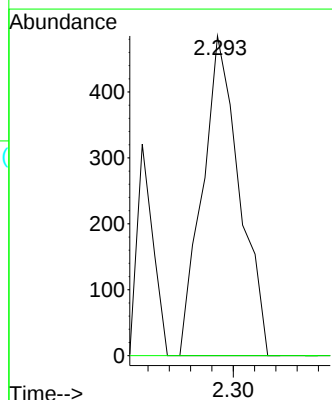
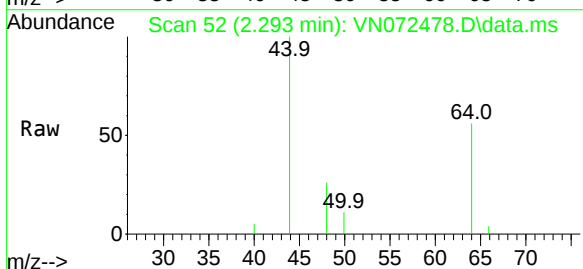
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

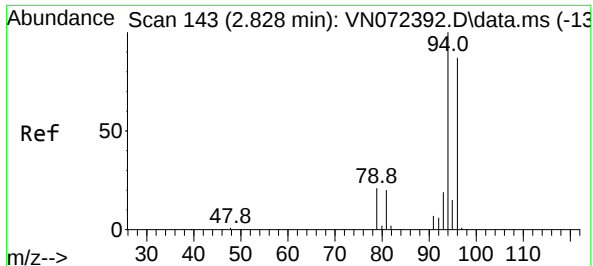
Tgt Ion:168 Resp: 285454
Ion Ratio Lower Upper
168 100
99 64.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: 0.677 ug/l

RT: 2.810 min Scan# 14

Delta R.T. -0.018 min

Lab File: VN072478.D

Acq: 13 May 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

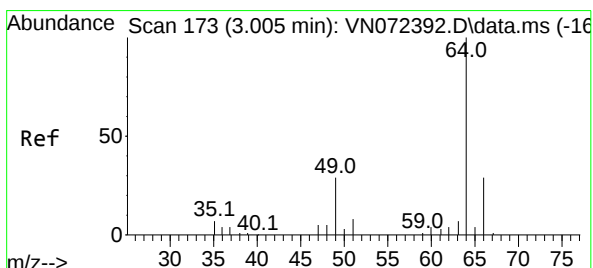
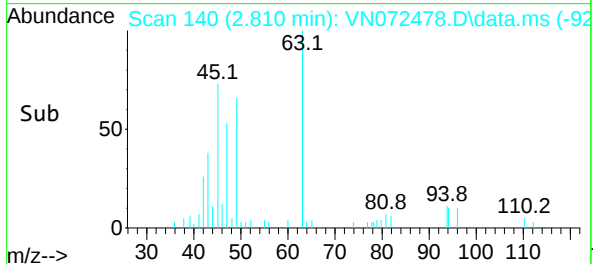
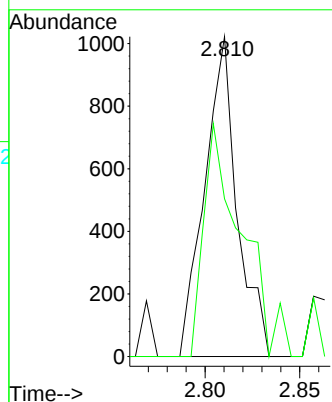
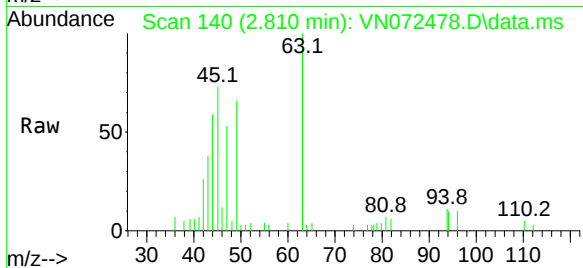
B5-5-7

Tgt Ion: 94 Resp: 1221

Ion Ratio Lower Upper

94 100

96 49.3 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.040 min Scan# 179

Delta R.T. 0.035 min

Lab File: VN072478.D

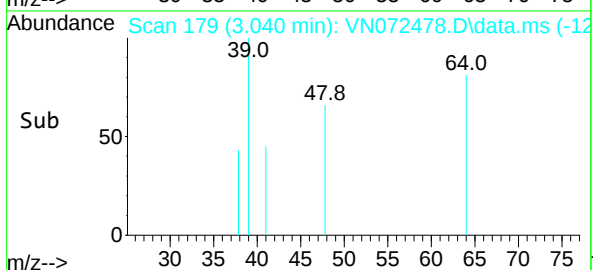
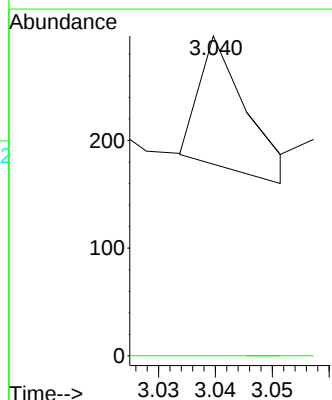
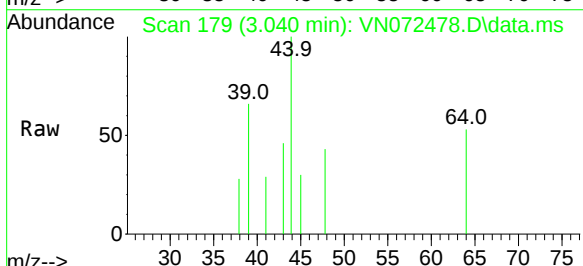
Acq: 13 May 2022 15:37

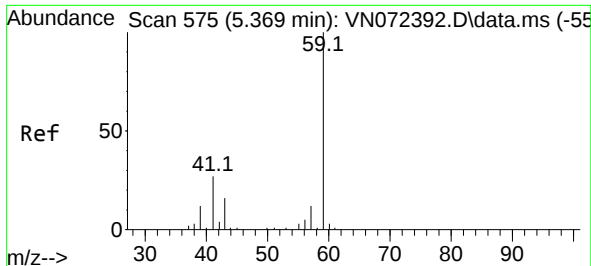
Tgt Ion: 64 Resp: 67

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

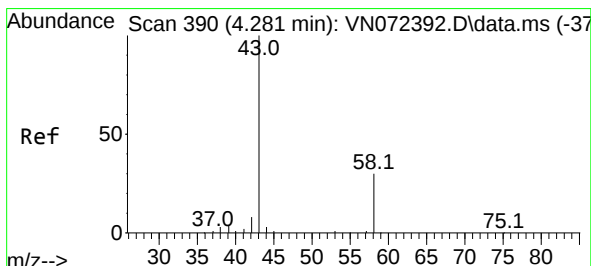
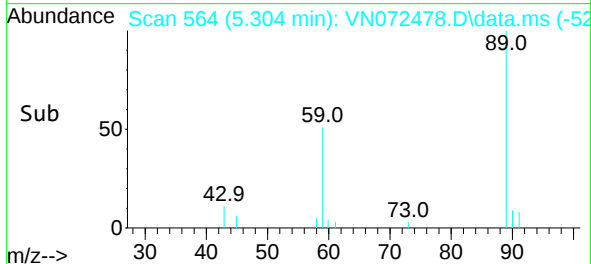
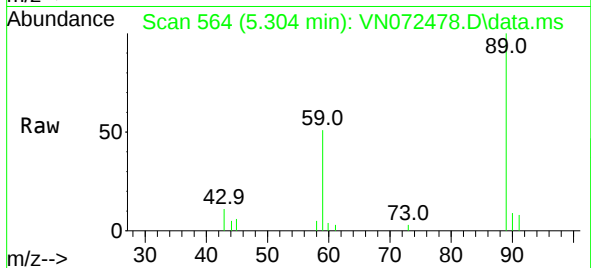




#11
Tert butyl alcohol
Concen: 15.693 ug/l
RT: 5.304 min Scan# 511
Delta R.T. -0.065 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

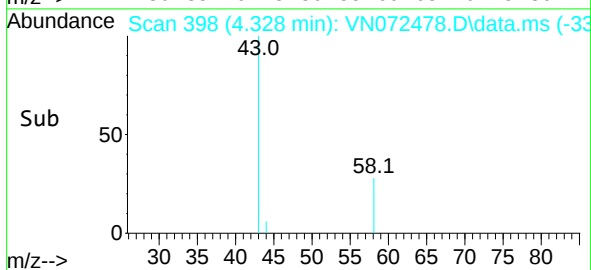
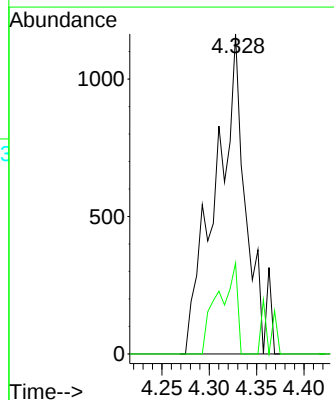
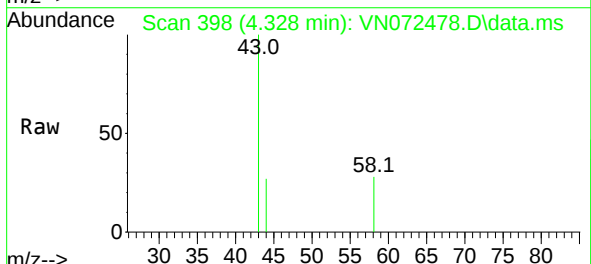
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

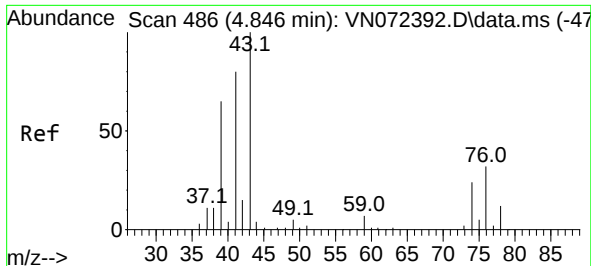
Tgt Ion: 59 Resp: 11219
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.514 ug/l
RT: 4.328 min Scan# 398
Delta R.T. 0.047 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
58 28.4 26.0 39.0

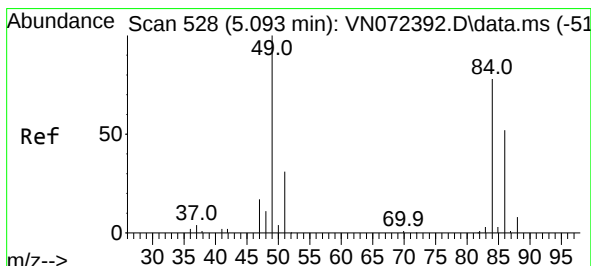
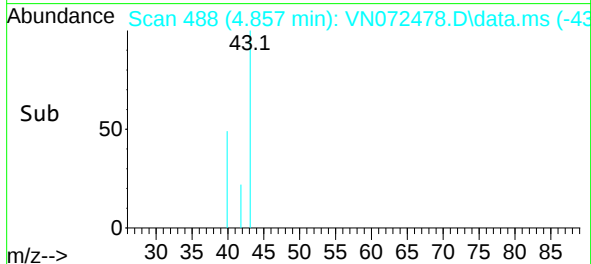
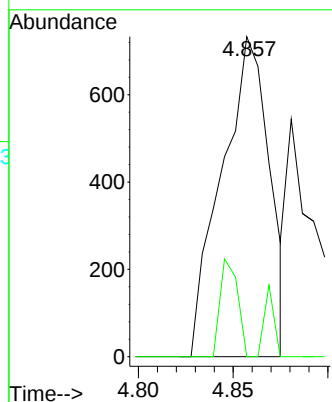
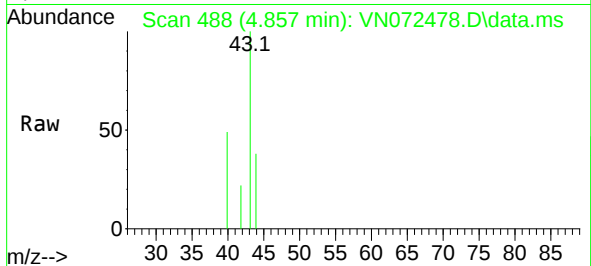




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

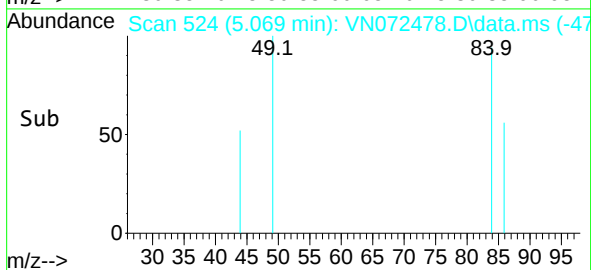
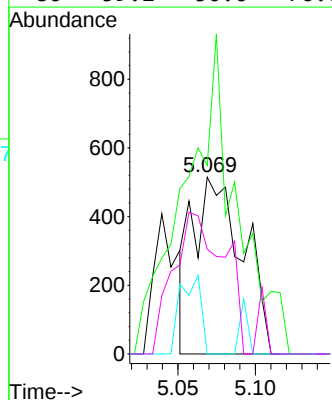
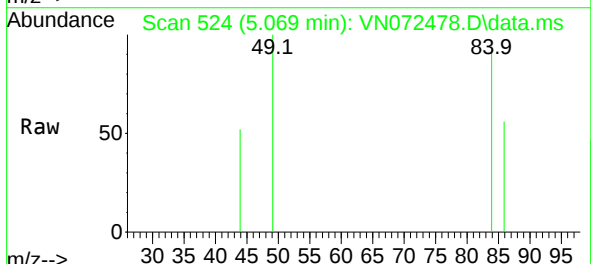
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

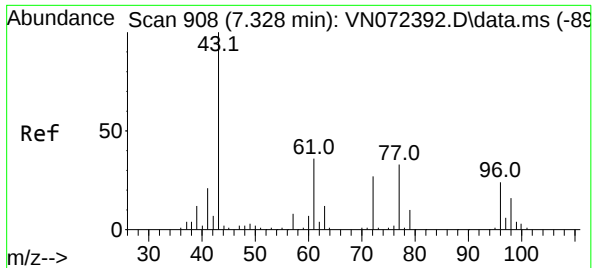
Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
74 4.5 21.6 32.4#



#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.024 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 84 Resp: 1159
Ion Ratio Lower Upper
84 100
49 72.0 88.3 132.5#
51 0.0 28.2 42.2#
86 59.2 50.6 76.0

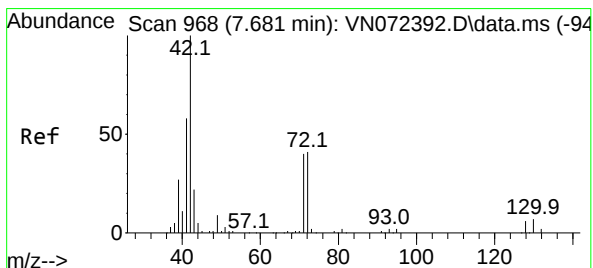
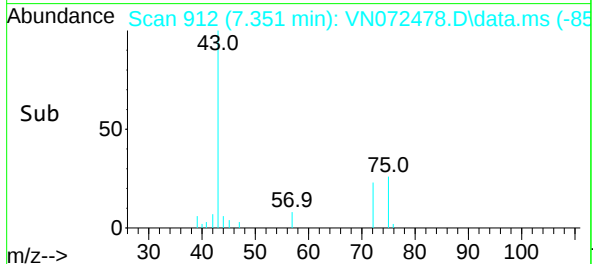
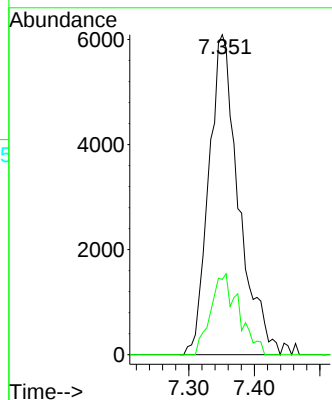
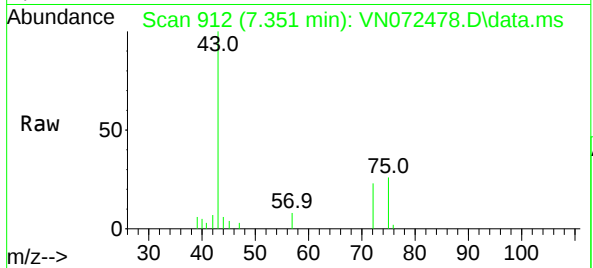




#25
2-Butanone
Concen: 7.050 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

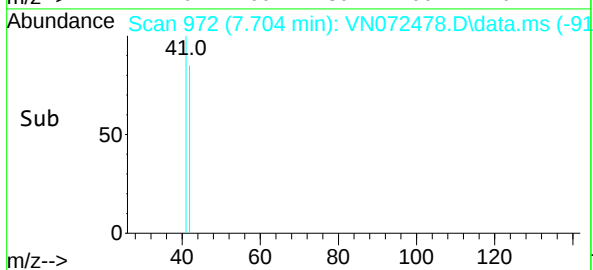
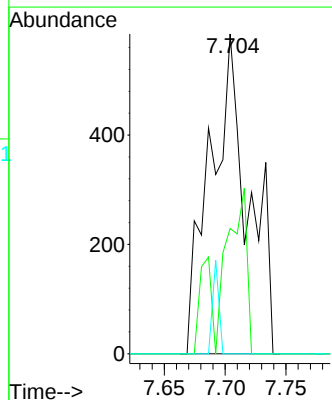
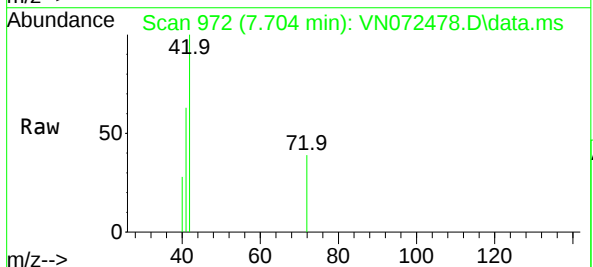
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

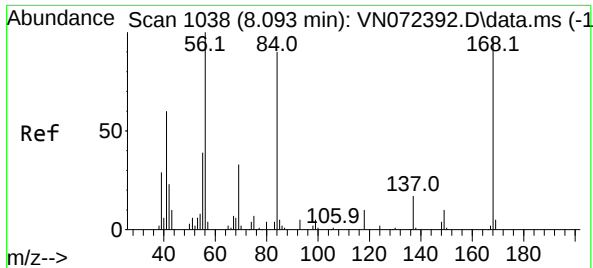
Tgt Ion: 43 Resp: 19265
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.716 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

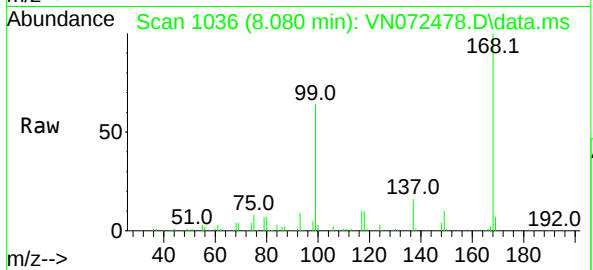
Tgt Ion: 42 Resp: 1272
Ion Ratio Lower Upper
42 100
72 25.9 39.7 59.5#
71 0.0 36.6 55.0#



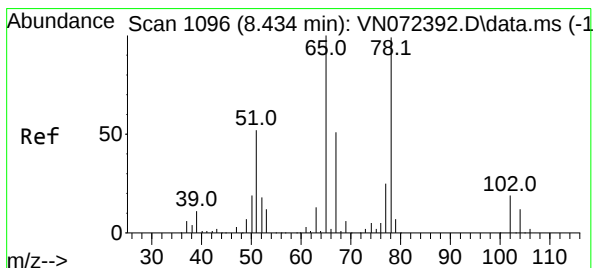
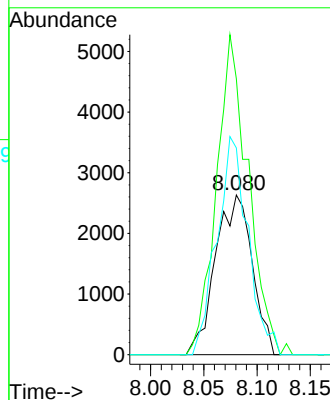
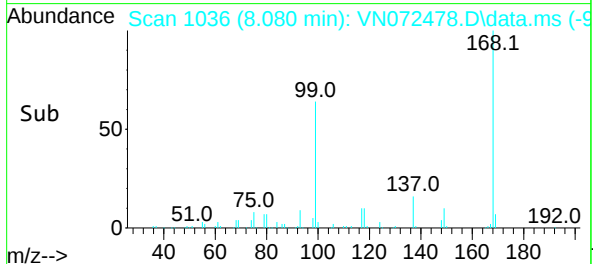


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.013 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

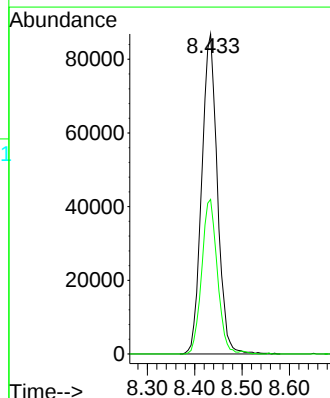
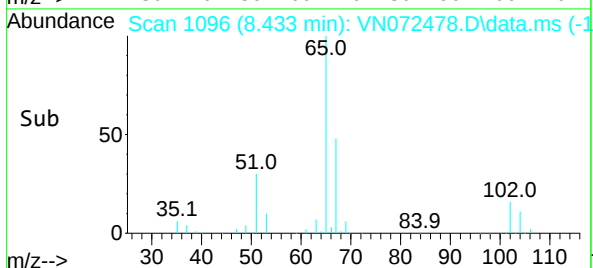
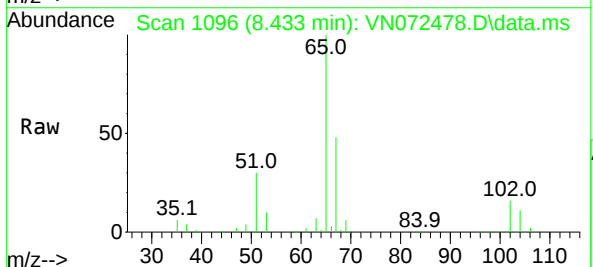


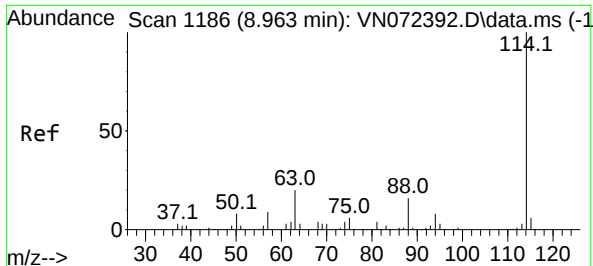
Tgt Ion: 56 Resp: 6309
Ion Ratio Lower Upper
56 100
69 172.8 27.8 41.8#
84 129.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 65 Resp: 199154
Ion Ratio Lower Upper
65 100
67 48.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072478.D

Acq: 13 May 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

B5-5-7

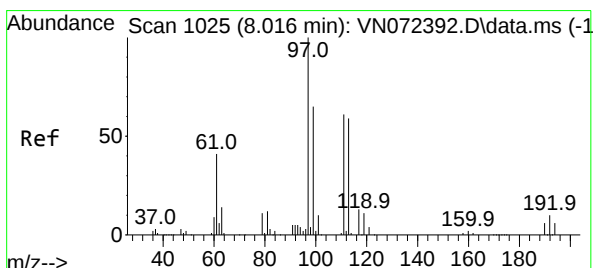
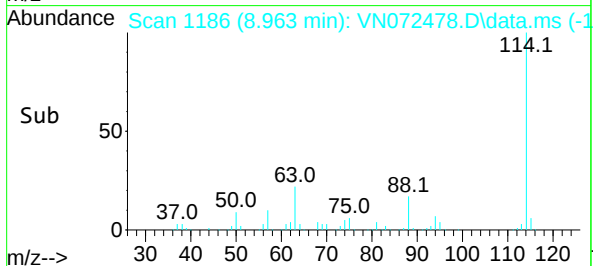
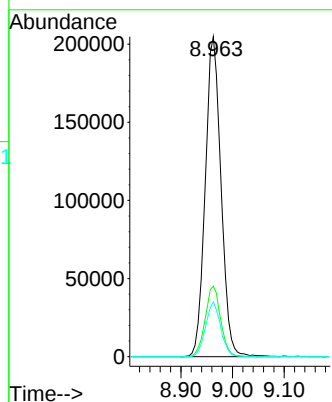
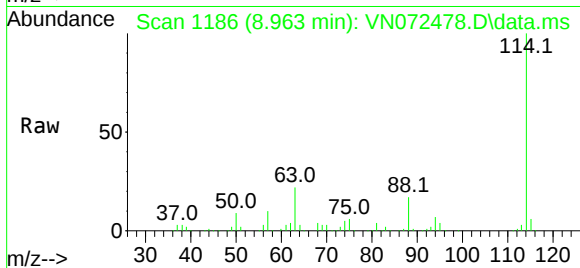
Tgt Ion:114 Resp: 433631

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.453 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072478.D

Acq: 13 May 2022 15:37

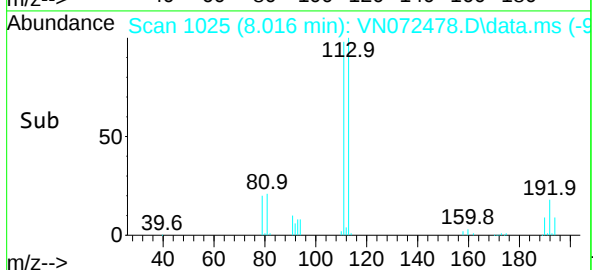
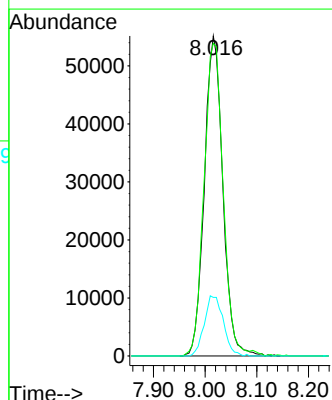
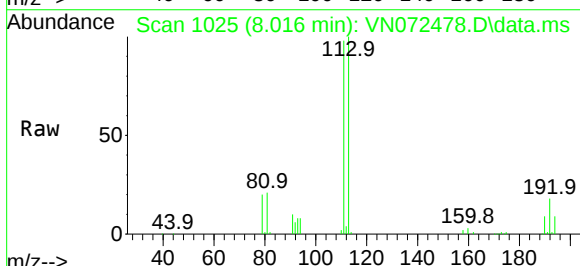
Tgt Ion:113 Resp: 136898

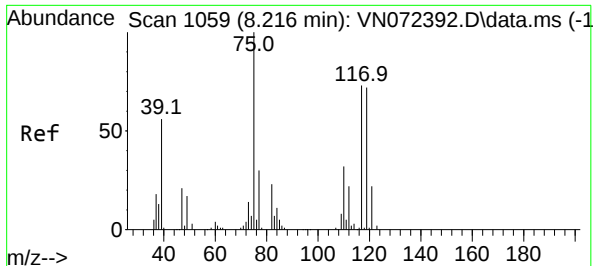
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.4 17.0 25.6

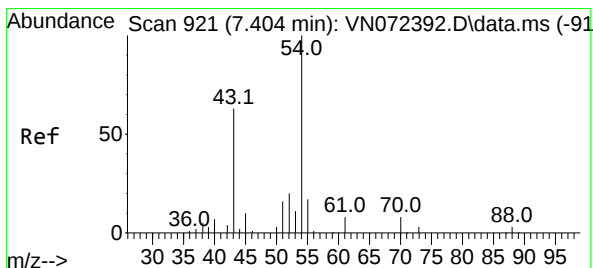
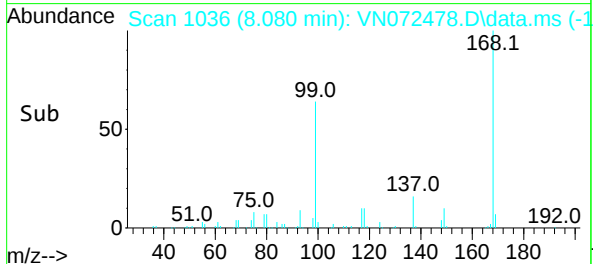
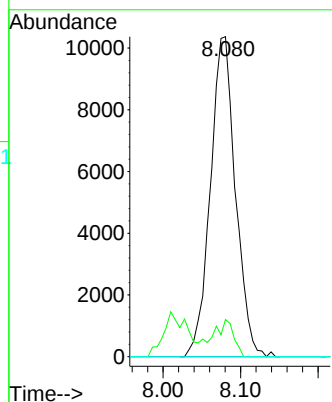
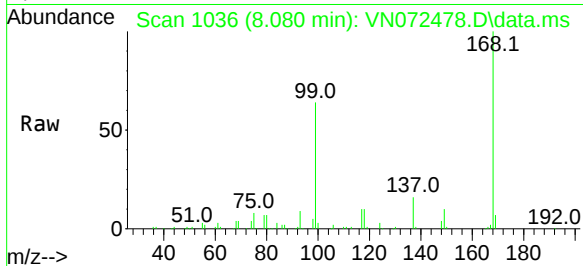




#36
1,1-Dichloropropene
Concen: 5.637 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

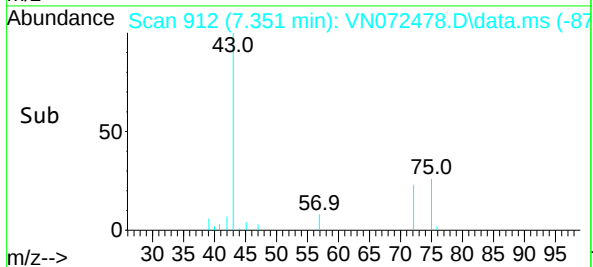
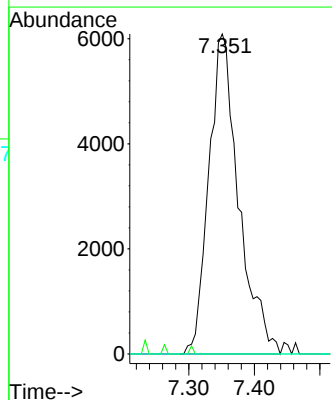
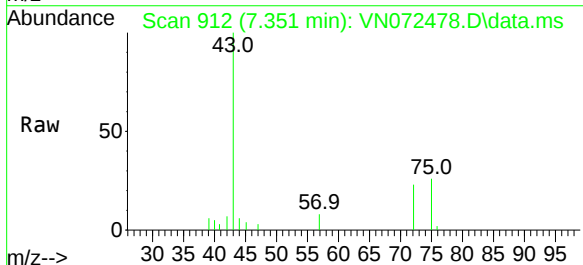
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

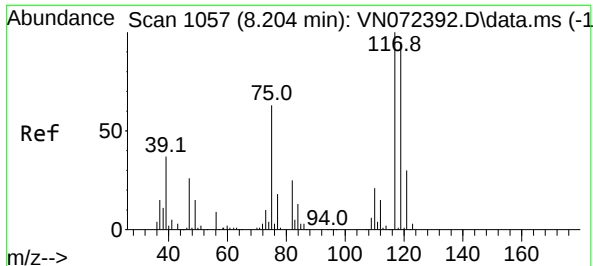
Tgt Ion: 75 Resp: 23357
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.875 ug/l
RT: 7.351 min Scan# 912
Delta R.T. -0.053 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

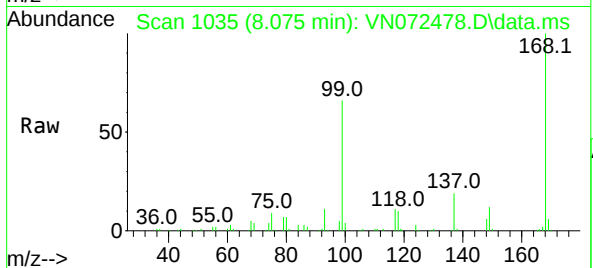
Tgt Ion: 43 Resp: 19265
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



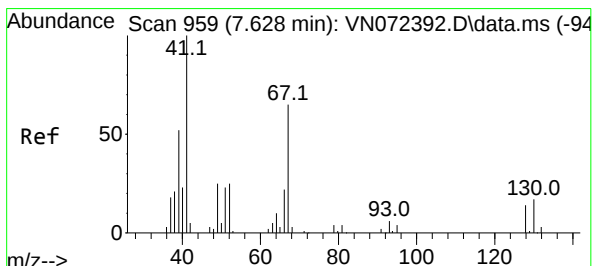
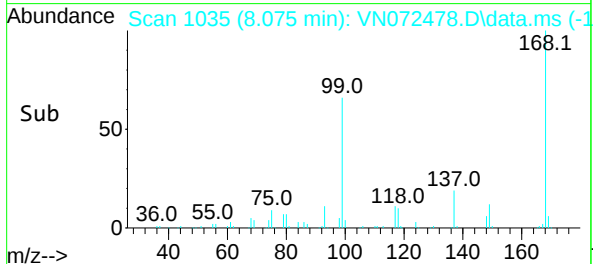
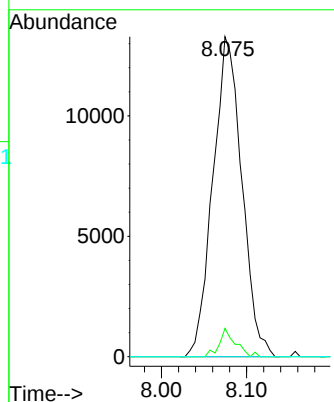


#38
Carbon Tetrachloride
Concen: 6.763 ug/l
RT: 8.075 min Scan# 1057
Delta R.T. -0.129 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

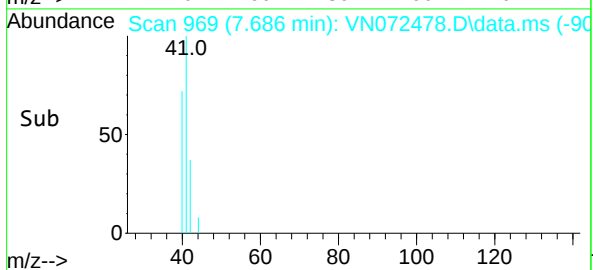
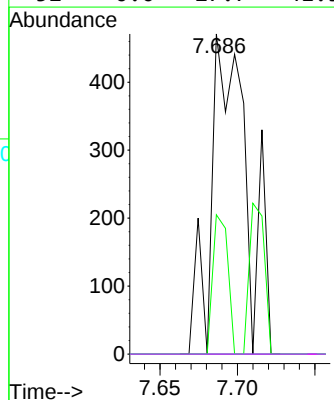
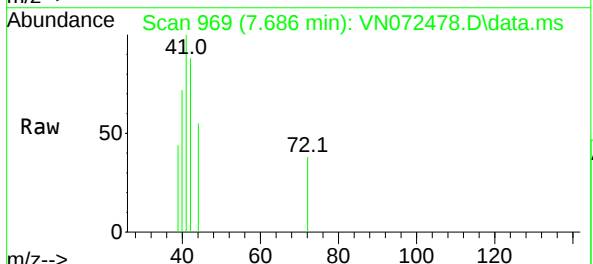


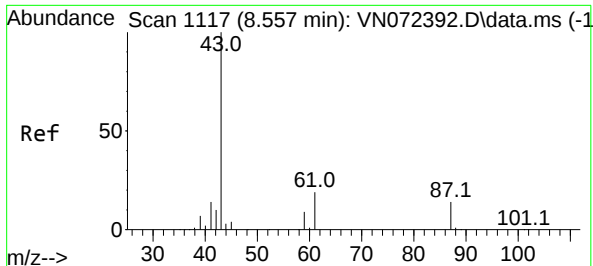
Tgt Ion:117 Resp: 31363
Ion Ratio Lower Upper
117 100
119 8.9 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.311 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.058 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 41 Resp: 765
Ion Ratio Lower Upper
41 100
39 18.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#43

Isopropyl Acetate

Concen: 0.322 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072478.D

Acq: 13 May 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

B5-5-7

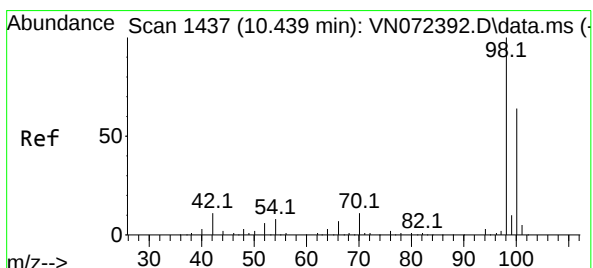
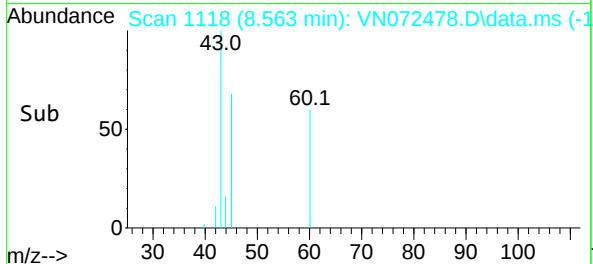
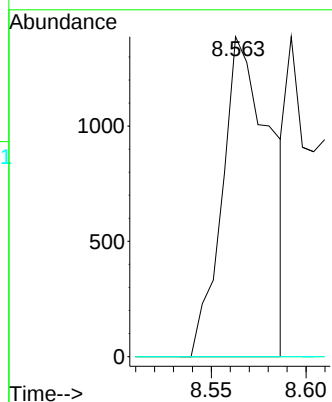
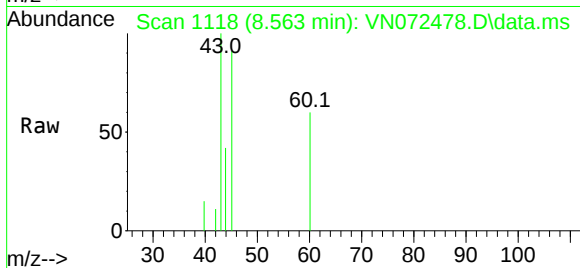
Tgt Ion: 43 Resp: 2461

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 46.978 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072478.D

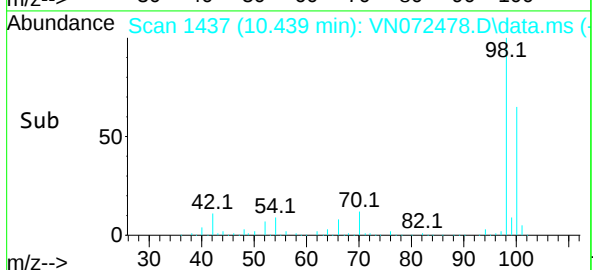
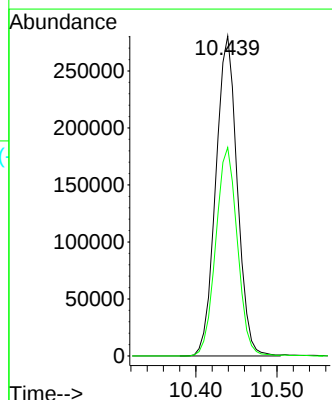
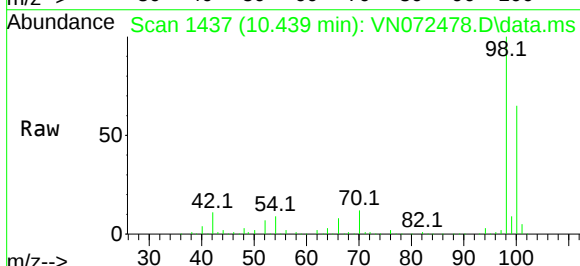
Acq: 13 May 2022 15:37

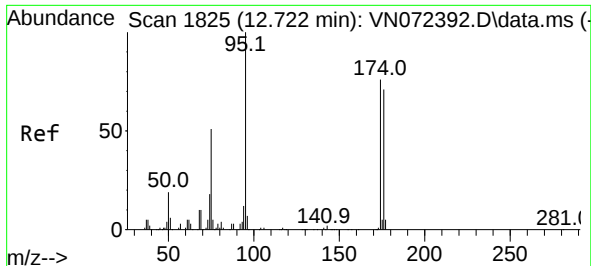
Tgt Ion: 98 Resp: 516165

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

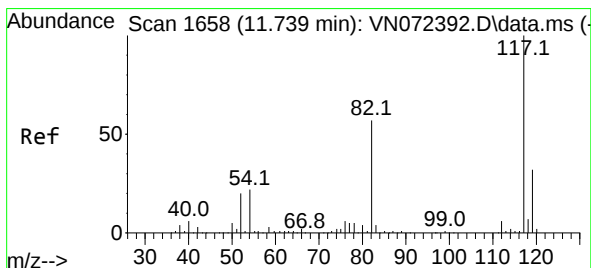
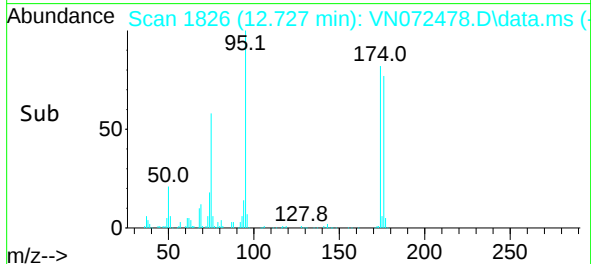
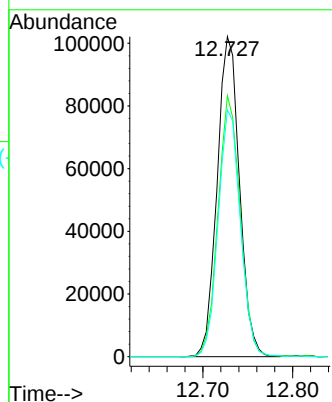
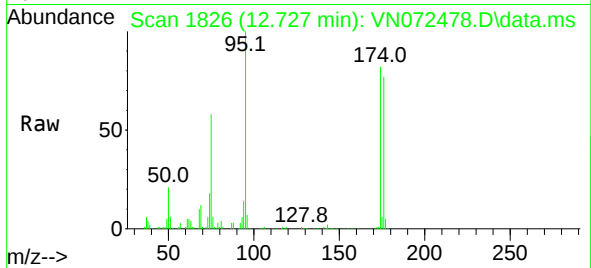




#62
4-Bromofluorobenzene
Concen: 48.401 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

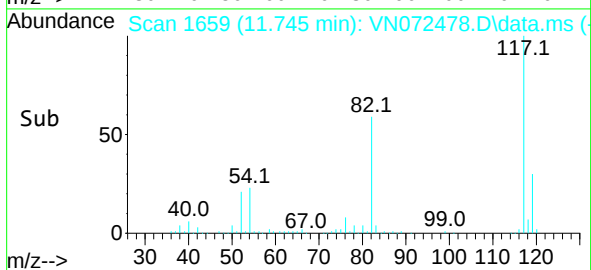
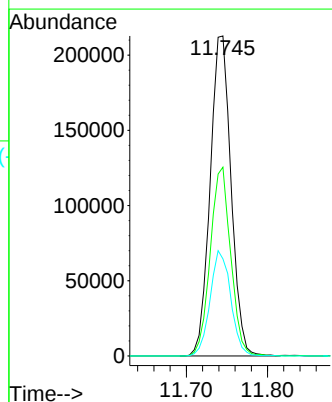
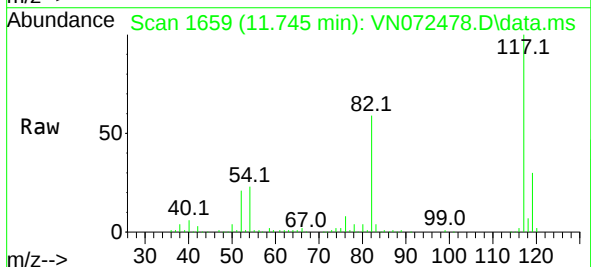
Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

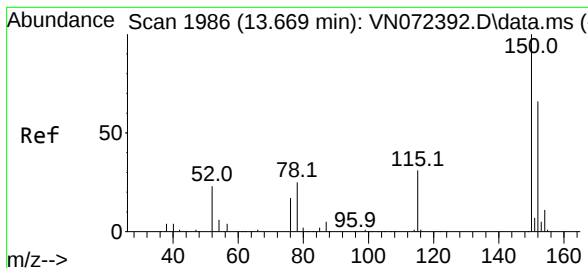
Tgt Ion: 95 Resp: 176611
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 76.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 117 Resp: 380735
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 30.4 25.4 38.0

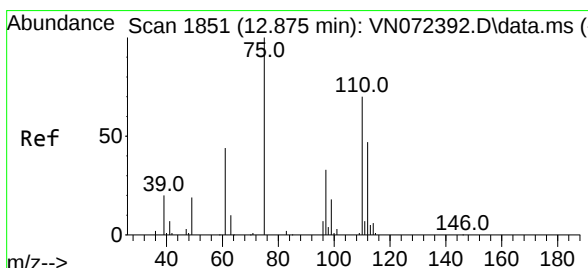
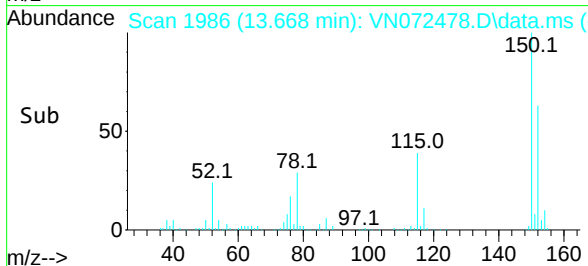
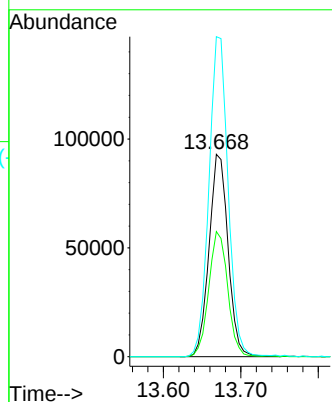
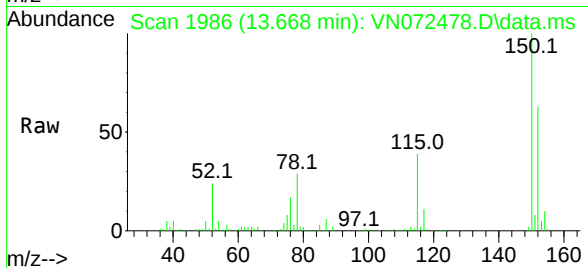




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072478.D
 Acq: 13 May 2022 15:37

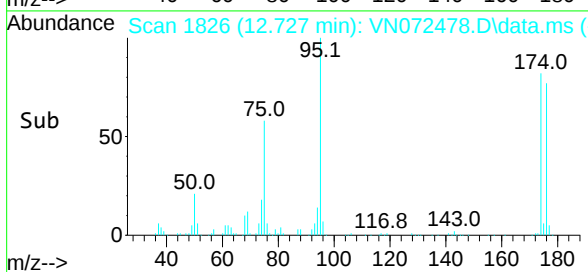
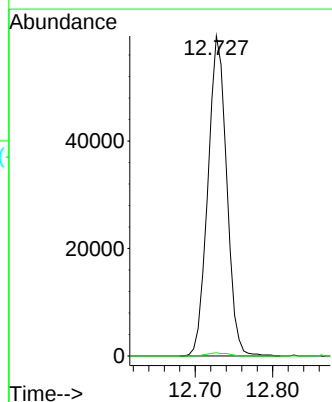
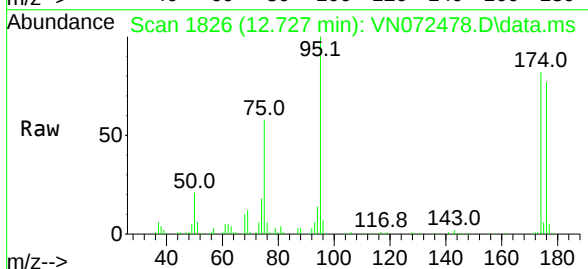
Instrument :
 MSVOA_N
 ClientSampleId :
 B5-5-7

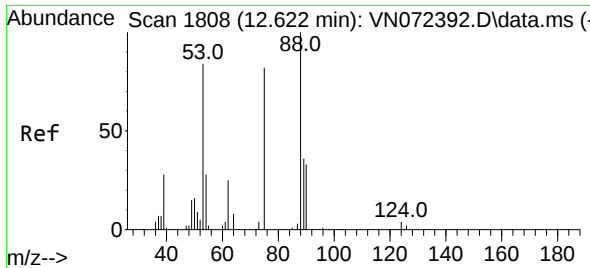
Tgt Ion:152 Resp: 158938
 Ion Ratio Lower Upper
 152 100
 115 61.6 28.9 86.7
 150 159.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.199 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072478.D
 Acq: 13 May 2022 15:37

Tgt Ion: 75 Resp: 100316
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

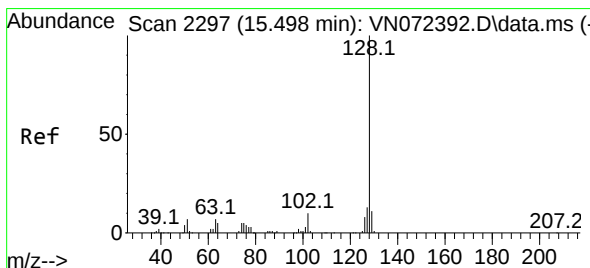
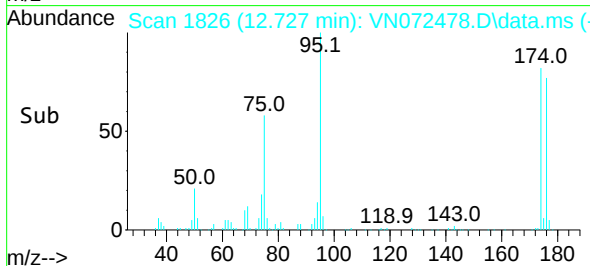
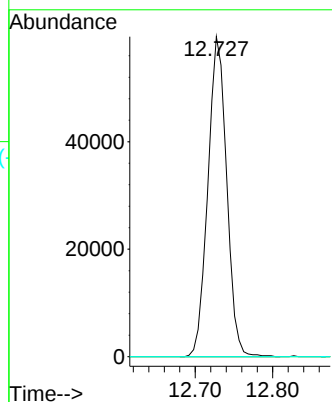
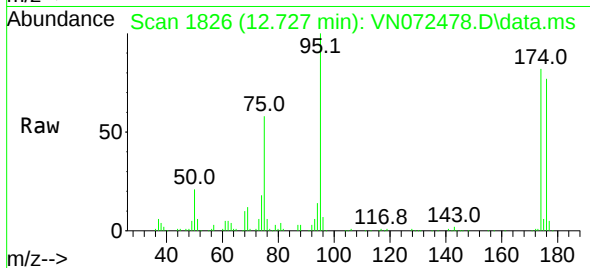




#81
trans-1,4-Dichloro-2-butene
Concen: 80.729 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
B5-5-7

Tgt Ion: 75 Resp: 100316
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.315 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072478.D
Acq: 13 May 2022 15:37

Tgt Ion: 128 Resp: 1125
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

