

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072477.D
 Acq On : 13 May 2022 15:12
 Operator : JC\MD
 Sample : N2680-06ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B3-6-8

Quant Time: May 14 02:34:54 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)

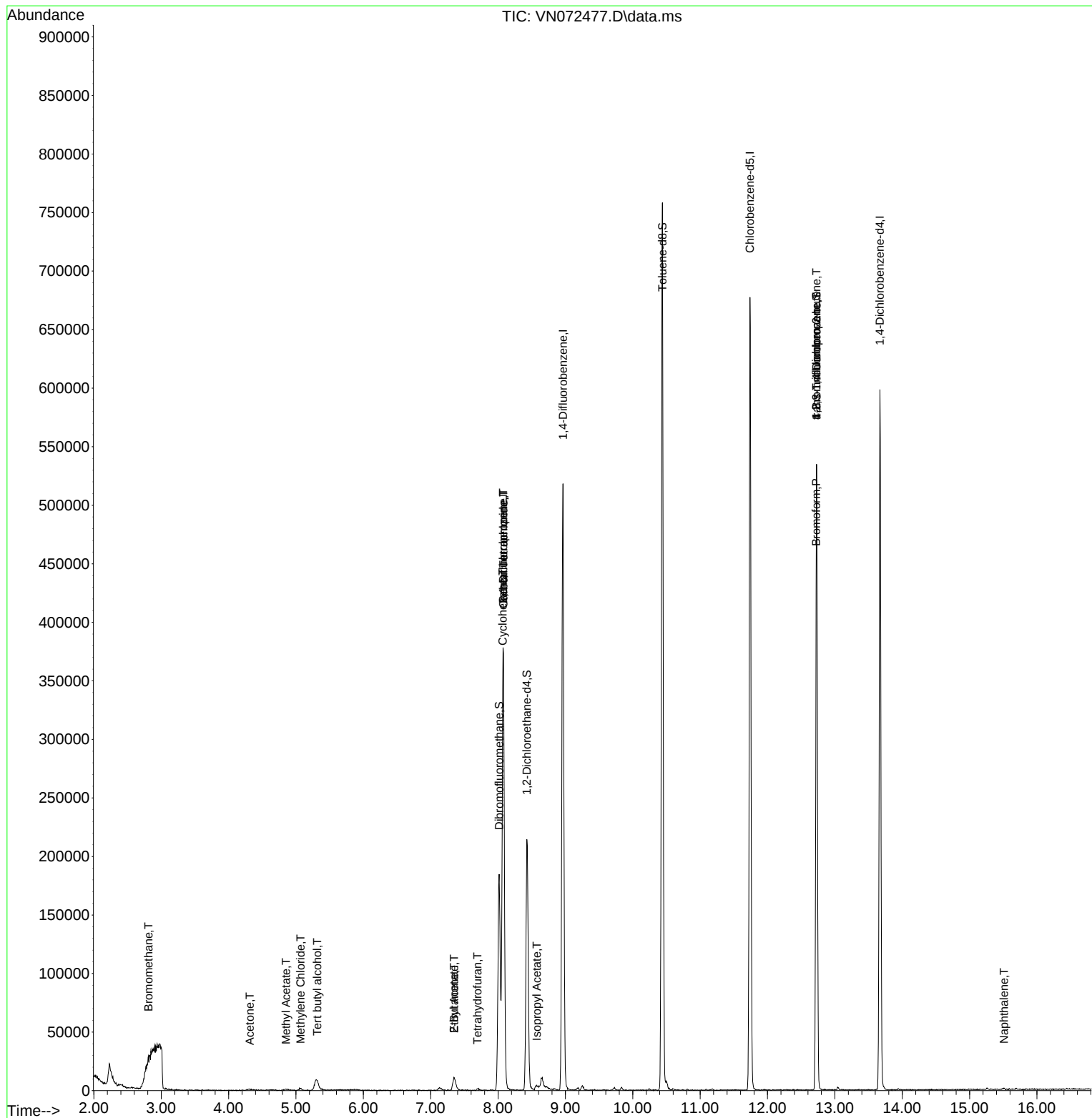
Internal Standards						
1) Pentafluorobenzene	8.075	168	283454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	432063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	383856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	158602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	199271	45.898	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.800%
35) Dibromofluoromethane	8.016	113	135246	47.050	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.100%
50) Toluene-d8	10.439	98	503696	46.010	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.727	95	175673	48.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	547	Below Cal	#	43
5) Bromomethane	2.810	94	1106	0.617	ug/l #	79
6) Chloroethane	2.963	64	1633	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	10040	14.143	ug/l #	72
16) Acetone	4.316	43	1714	0.997	ug/l #	42
18) Methyl Acetate	4.851	43	2563	0.506	ug/l #	54
20) Methylene Chloride	5.069	84	1436	0.407	ug/l #	82
25) 2-Butanone	7.345	43	18942	6.980	ug/l	97
29) Tetrahydrofuran	7.692	42	1346	0.763	ug/l #	47
31) Cyclohexane	8.069	56	6253	1.087	ug/l #	31
36) 1,1-Dichloropropene	8.075	75	23651	5.729	ug/l #	49
37) Ethyl Acetate	7.345	43	18942	3.824	ug/l #	67
38) Carbon Tetrachloride	8.081	117	31328	6.780	ug/l #	16
43) Isopropyl Acetate	8.575	43	2842	0.374	ug/l #	53
71) Bromoform	12.722	173	1050	0.453	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	97988	23.688	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	97988	79.023	ug/l #	10
95) Naphthalene	15.510	128	1920	3.414	ug/l #	86

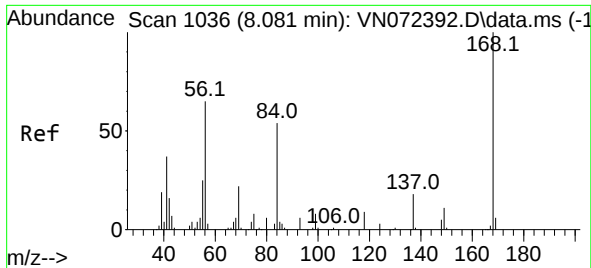
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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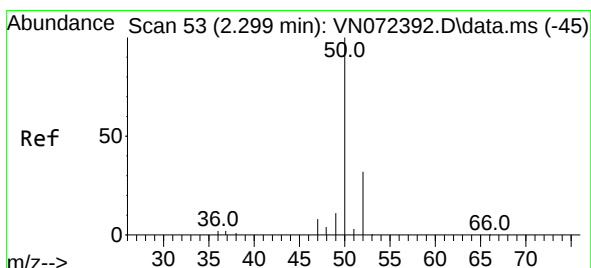
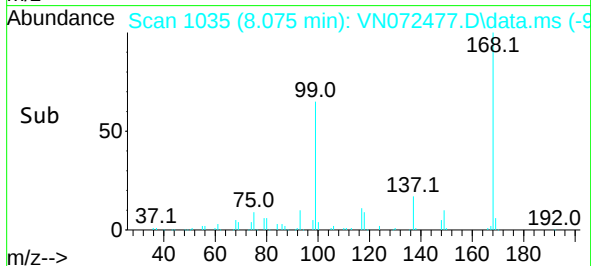
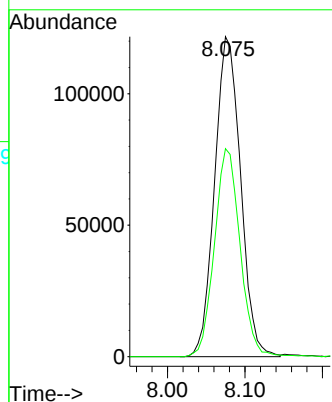
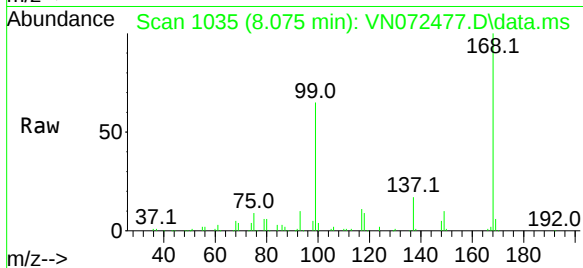




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

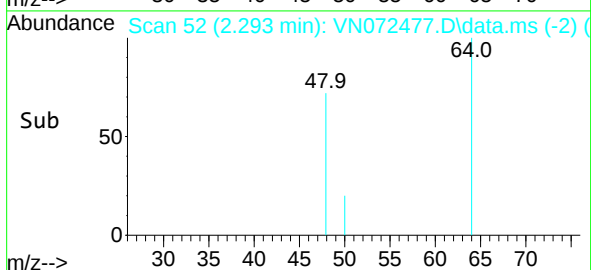
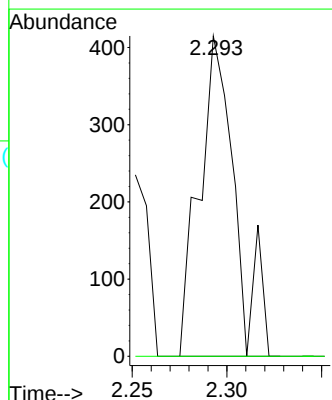
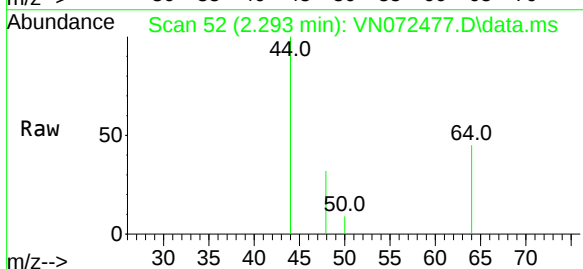
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

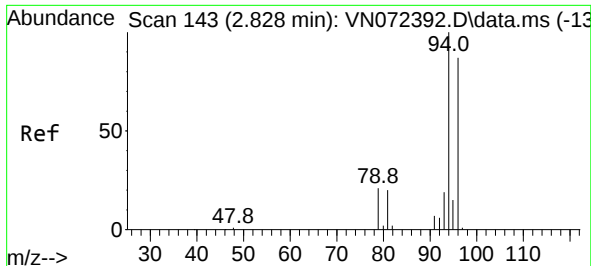
Tgt Ion:168 Resp: 283454
Ion Ratio Lower Upper
168 100
99 65.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 50 Resp: 547
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

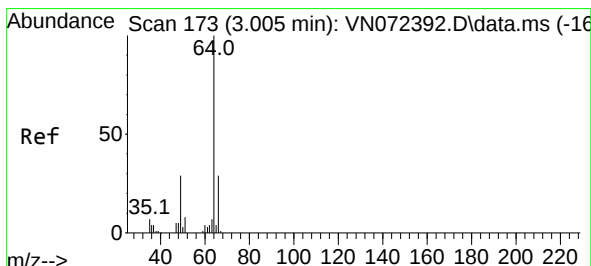
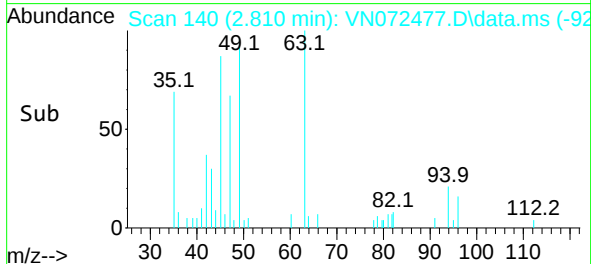
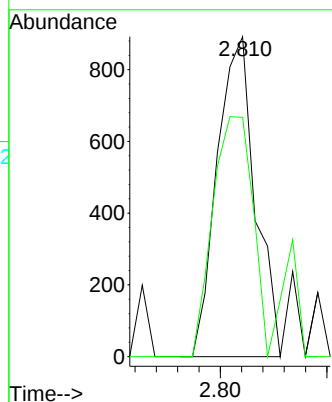
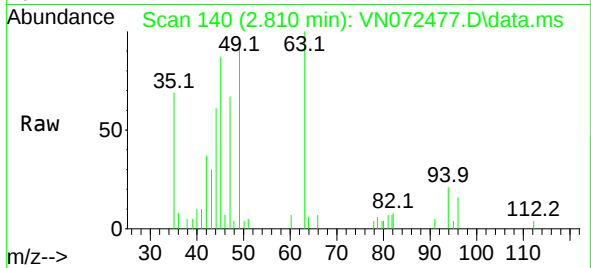




#5
Bromomethane
Concen: 0.617 ug/l
RT: 2.810 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

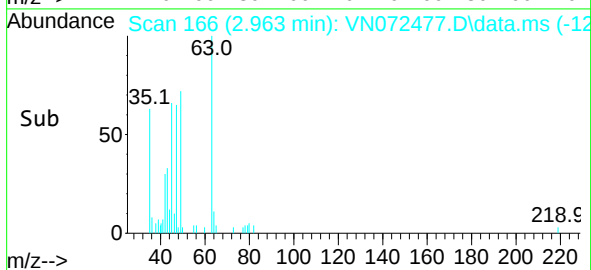
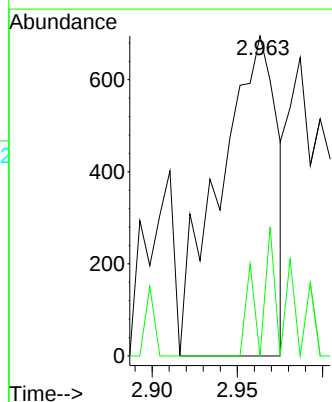
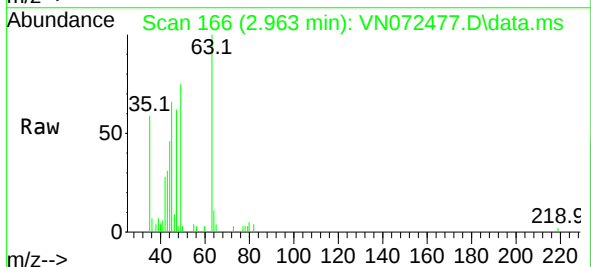
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

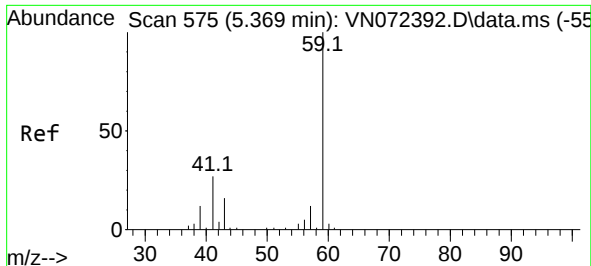
Tgt Ion: 94 Resp: 1106
Ion Ratio Lower Upper
94 100
96 74.8 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 166
Delta R.T. -0.042 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 64 Resp: 1633
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

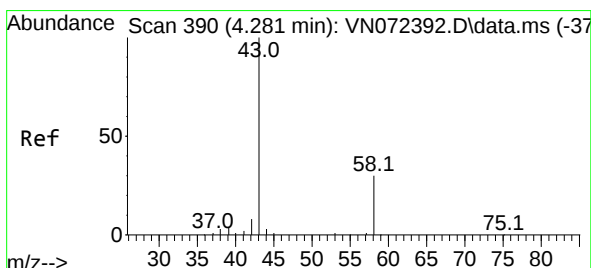
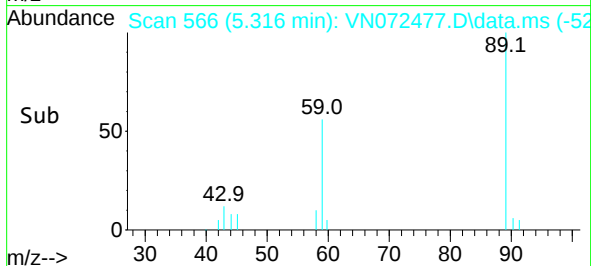
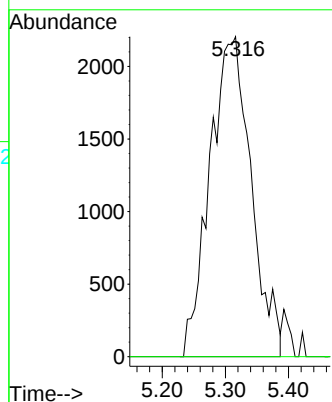
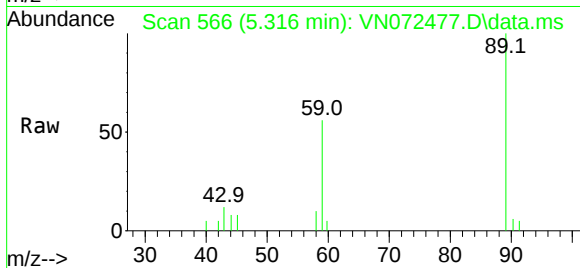




#11
Tert butyl alcohol
Concen: 14.143 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

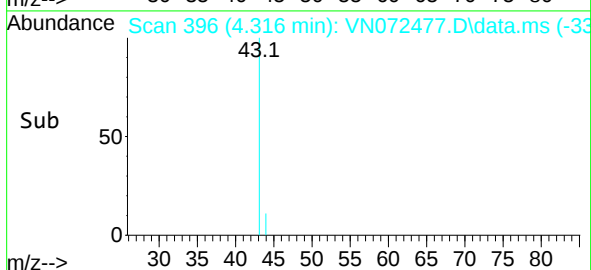
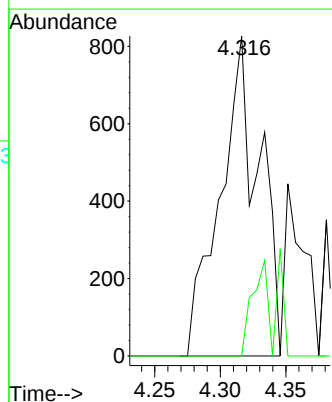
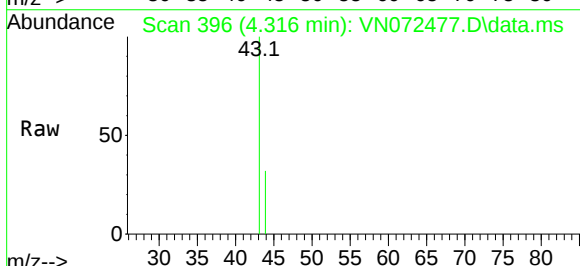
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

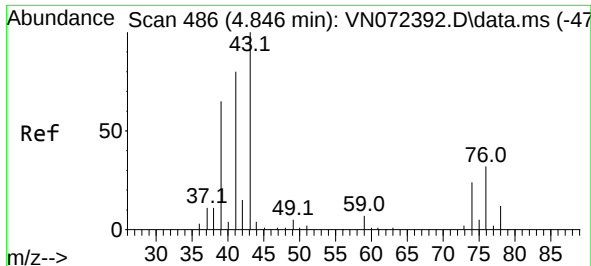
Tgt Ion: 59 Resp: 10040
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.997 ug/l
RT: 4.316 min Scan# 396
Delta R.T. 0.035 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

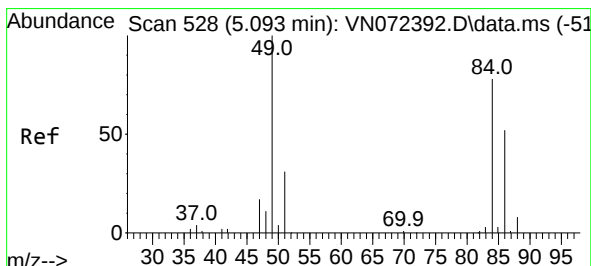
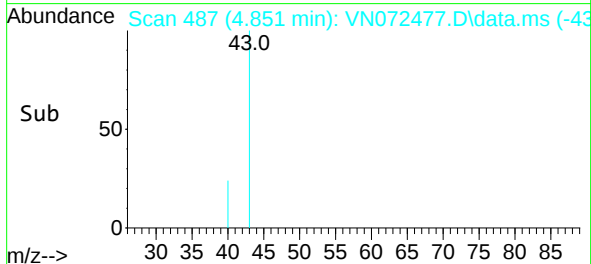
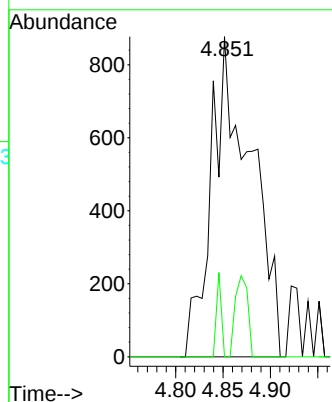
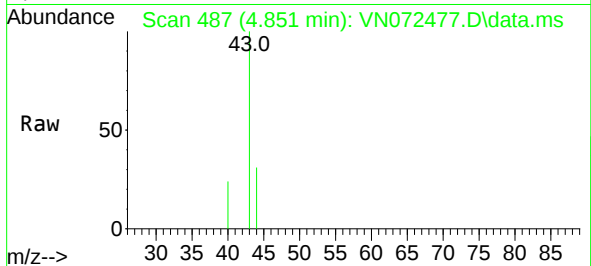




#18
Methyl Acetate
Concen: 0.506 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

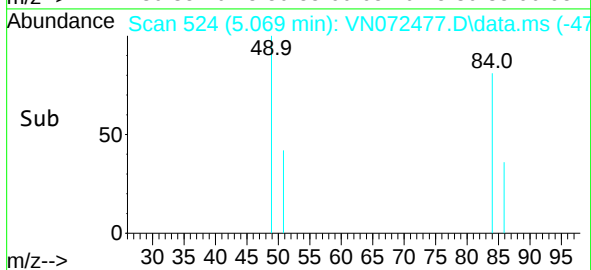
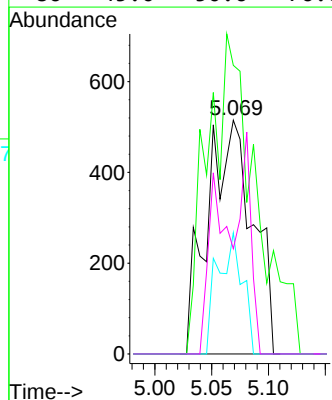
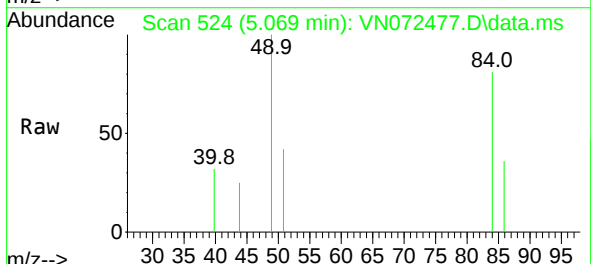
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

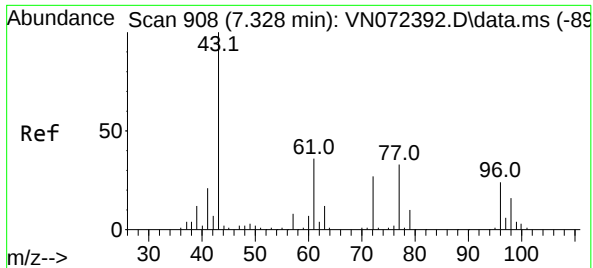
Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
74 3.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.024 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 84 Resp: 1436
Ion Ratio Lower Upper
84 100
49 123.5 88.3 132.5
51 51.8 28.2 42.2#
86 45.0 50.6 76.0#

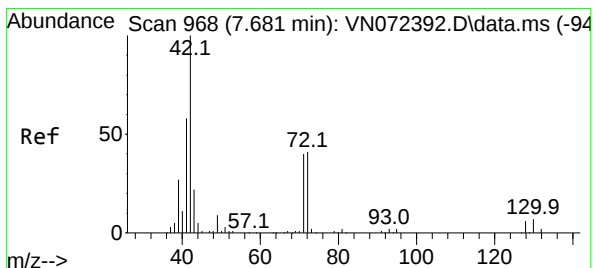
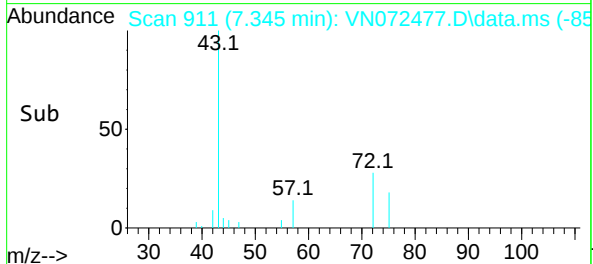
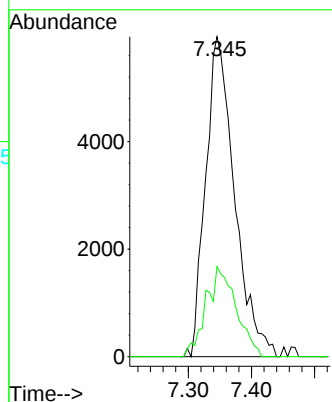
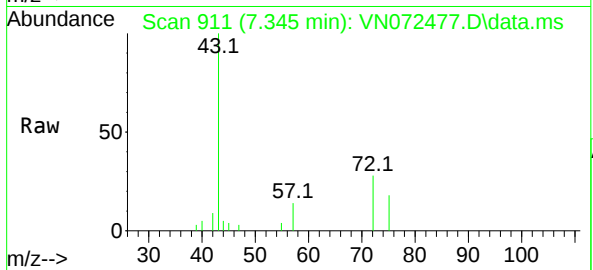




#25
2-Butanone
Concen: 6.980 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

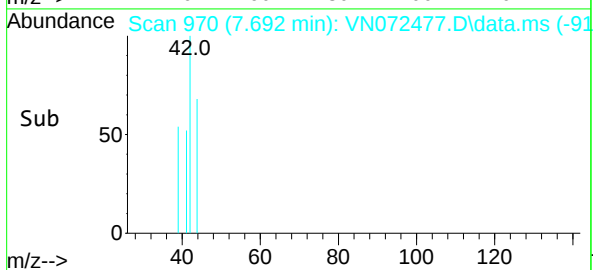
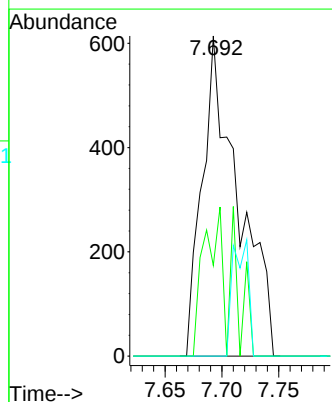
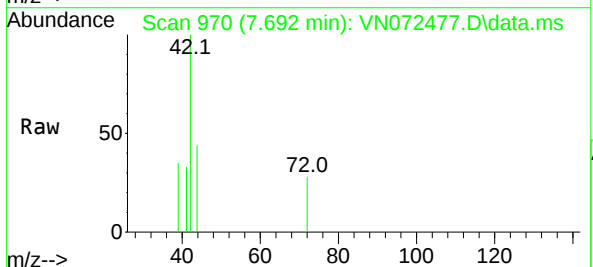
Instrument :
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ClientSampleId :
B3-6-8

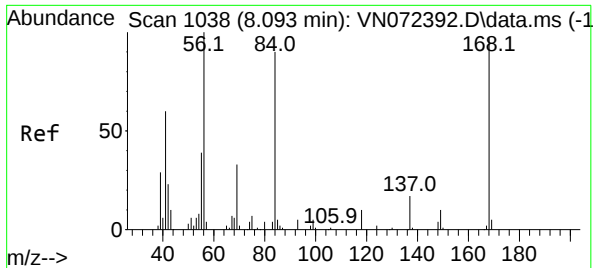
Tgt Ion: 43 Resp: 18942
Ion Ratio Lower Upper
43 100
72 28.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.763 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.011 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 42 Resp: 1346
Ion Ratio Lower Upper
42 100
72 23.3 39.7 59.5#
71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.087 ug/l

RT: 8.069 min Scan# 1034

Delta R.T. -0.024 min

Lab File: VN072477.D

Acq: 13 May 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

B3-6-8

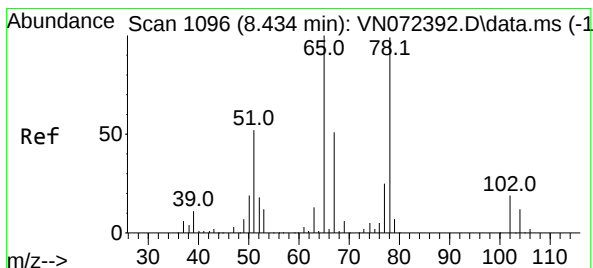
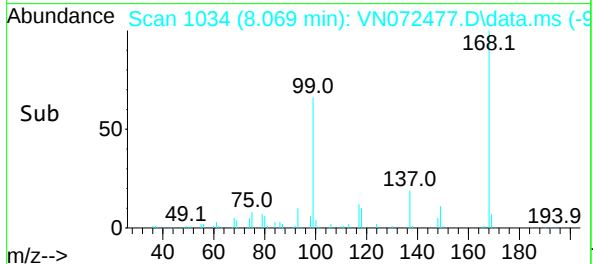
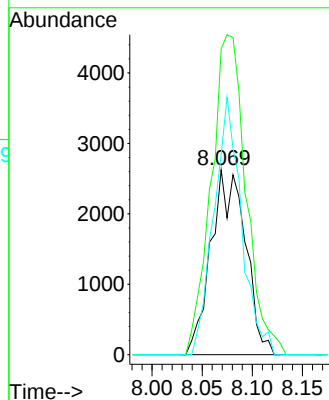
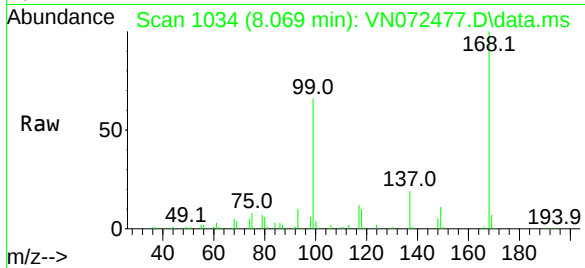
Tgt Ion: 56 Resp: 6253

Ion Ratio Lower Upper

56 100

69 165.3 27.8 41.8#

84 108.4 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 45.898 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072477.D

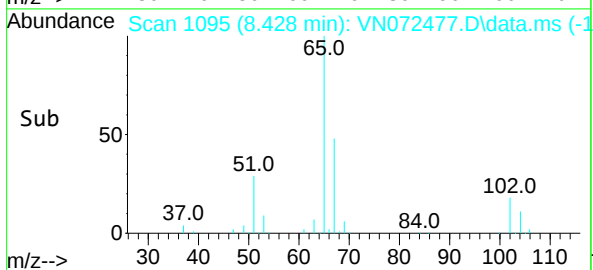
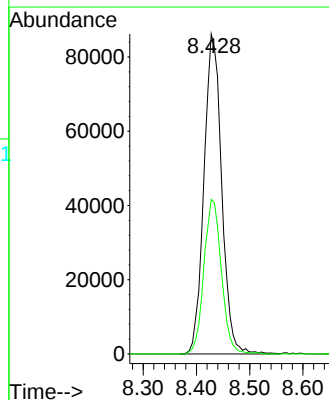
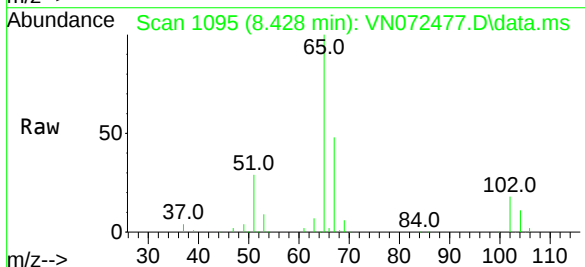
Acq: 13 May 2022 15:12

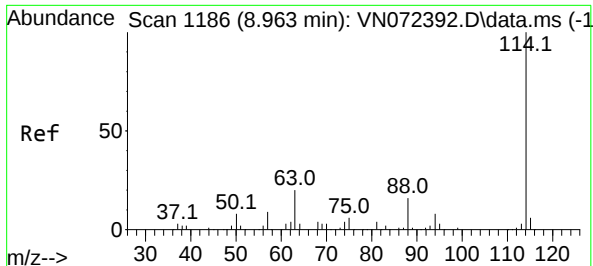
Tgt Ion: 65 Resp: 199271

Ion Ratio Lower Upper

65 100

67 47.7 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: VN072477.D

Acq: 13 May 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

B3-6-8

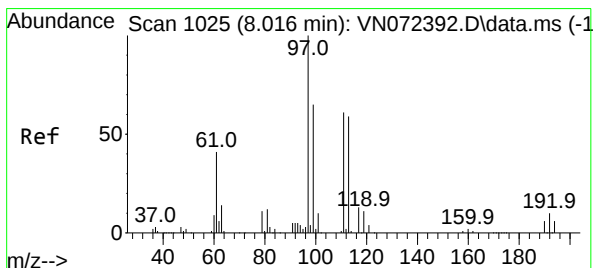
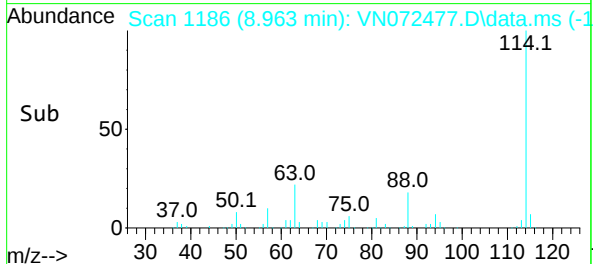
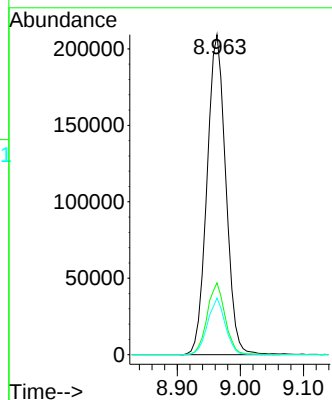
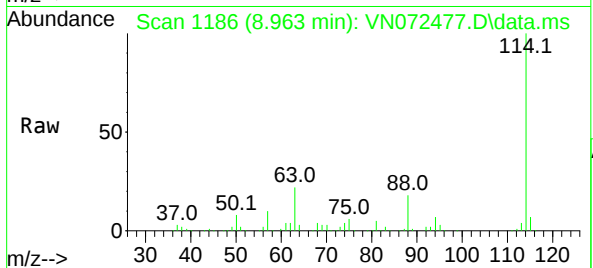
Tgt Ion:114 Resp: 432063

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.050 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072477.D

Acq: 13 May 2022 15:12

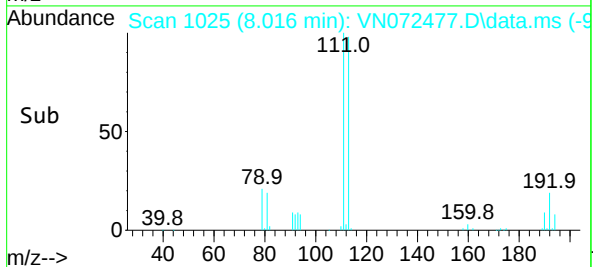
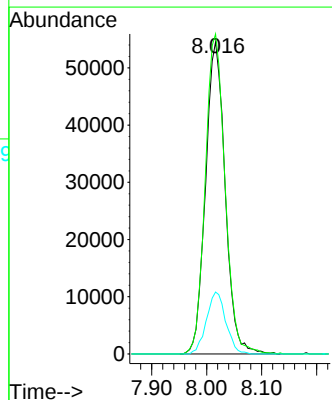
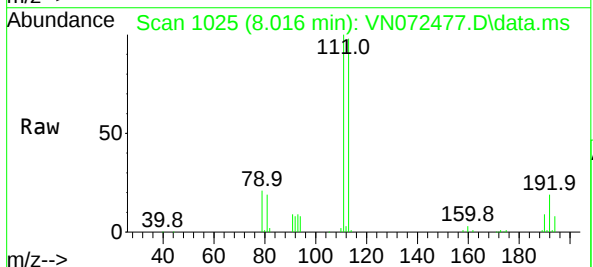
Tgt Ion:113 Resp: 135246

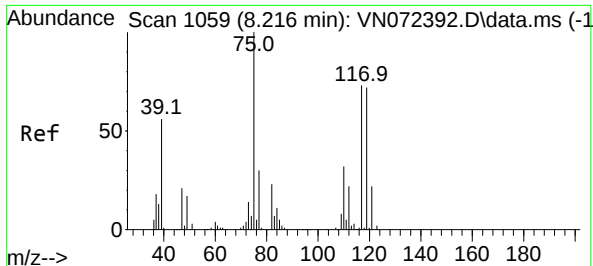
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.729 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN072477.D

Acq: 13 May 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

B3-6-8

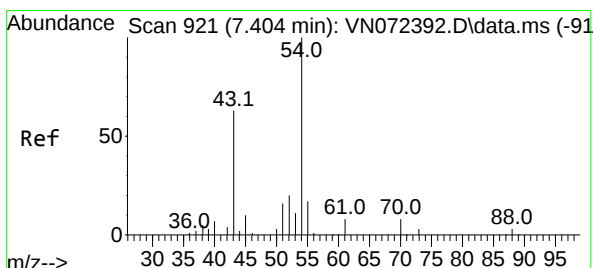
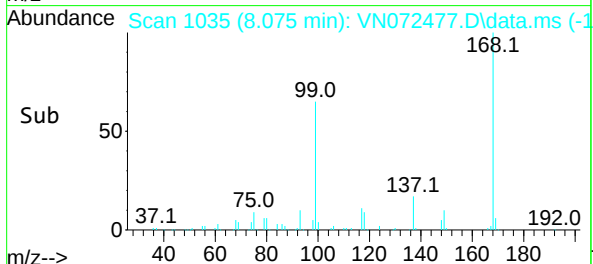
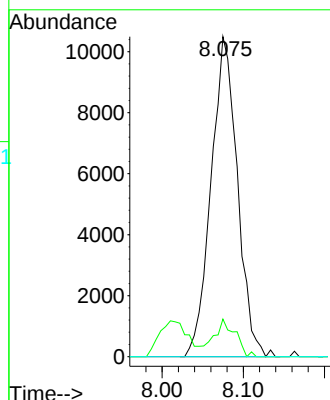
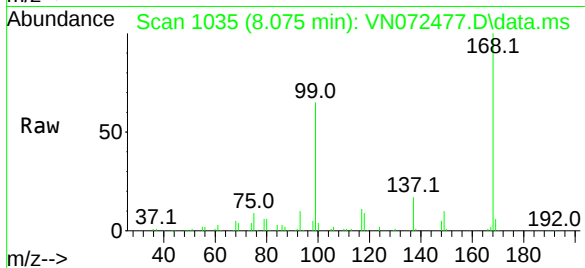
Tgt Ion: 75 Resp: 23651

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.824 ug/l

RT: 7.345 min Scan# 911

Delta R.T. -0.059 min

Lab File: VN072477.D

Acq: 13 May 2022 15:12

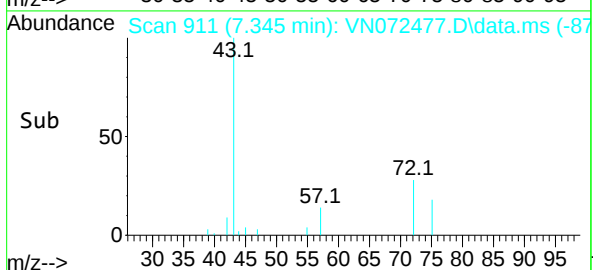
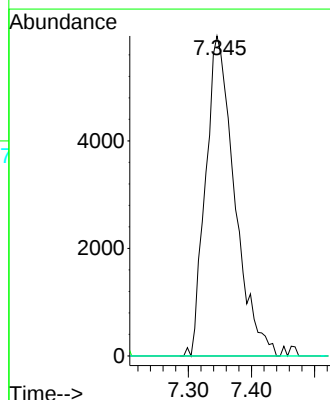
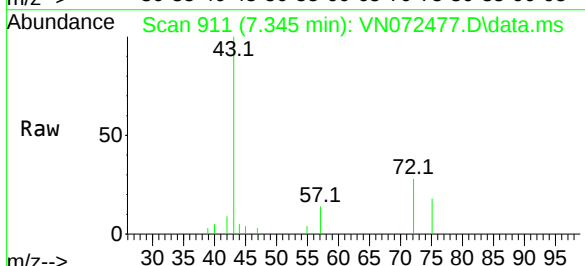
Tgt Ion: 43 Resp: 18942

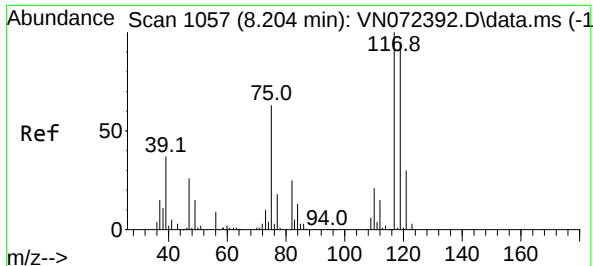
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

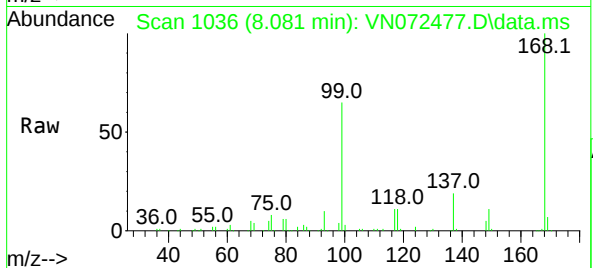
70 0.0 9.3 13.9#



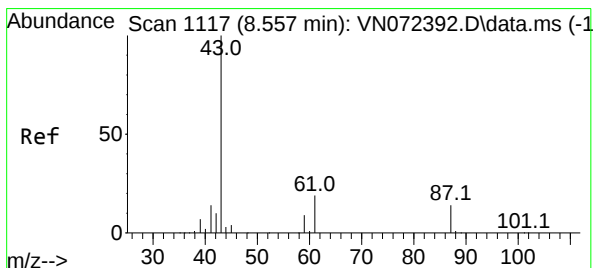
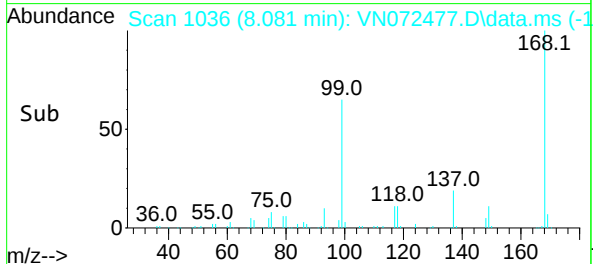
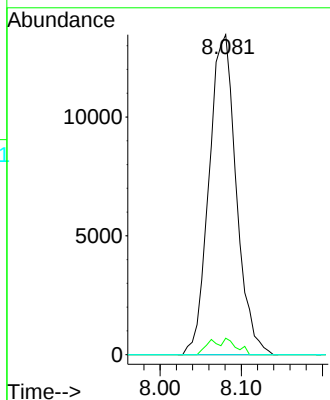


#38
Carbon Tetrachloride
Concen: 6.780 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

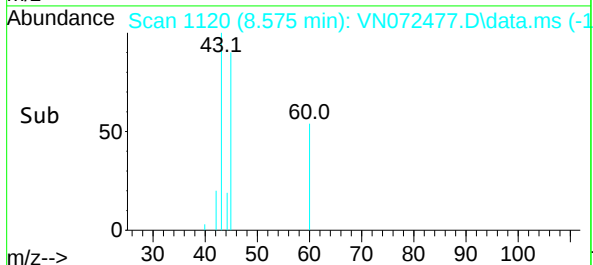
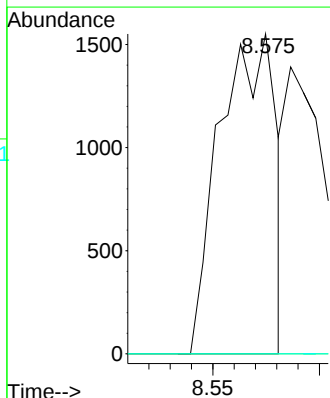
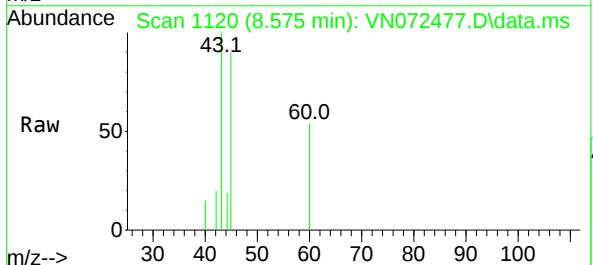


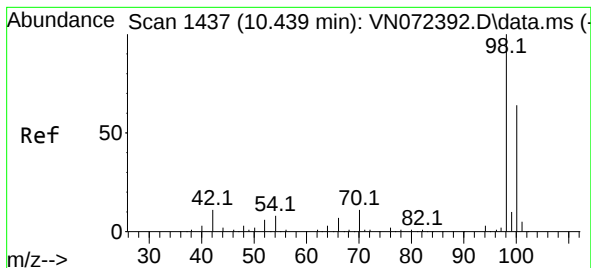
Tgt Ion: 117 Resp: 31328
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.374 ug/l
RT: 8.575 min Scan# 1120
Delta R.T. 0.018 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

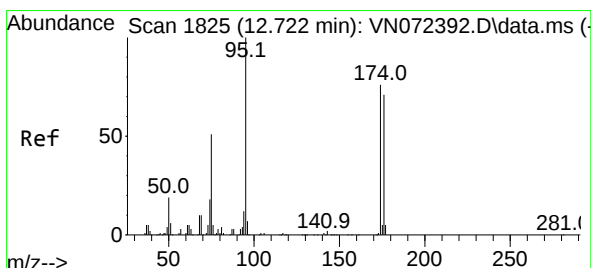
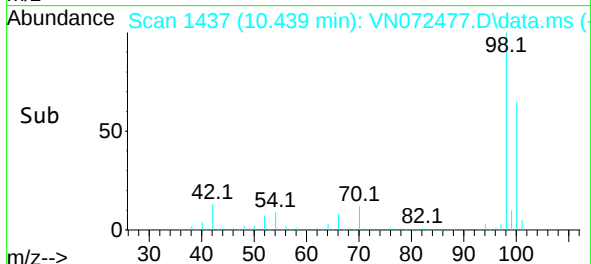
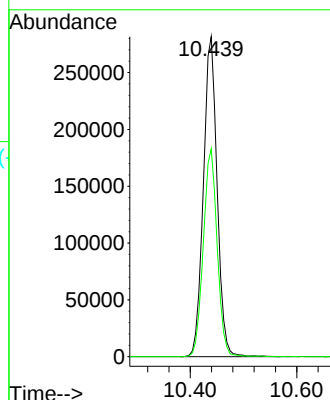
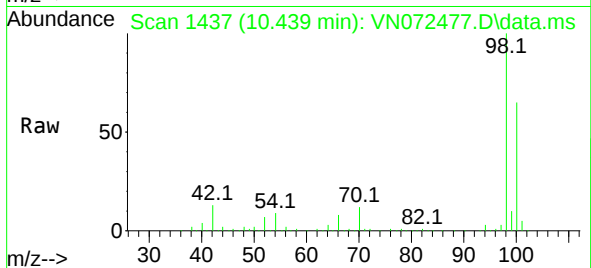




#50
Toluene-d8
Concen: 46.010 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

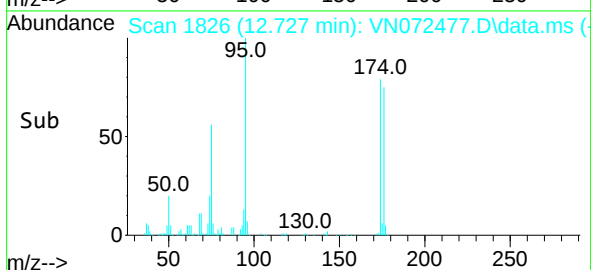
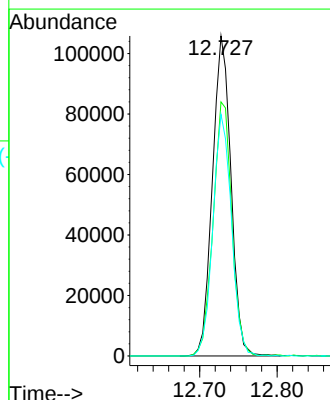
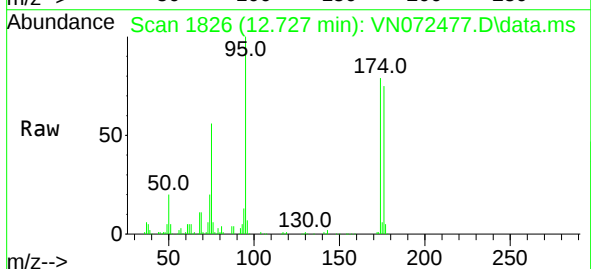
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

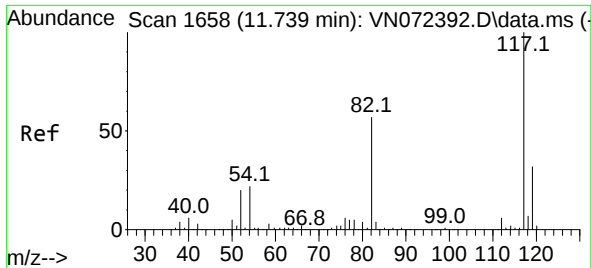
Tgt Ion: 98 Resp: 503696
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.318 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 95 Resp: 175673
Ion Ratio Lower Upper
95 100
174 80.0 0.0 167.6
176 75.7 0.0 163.4

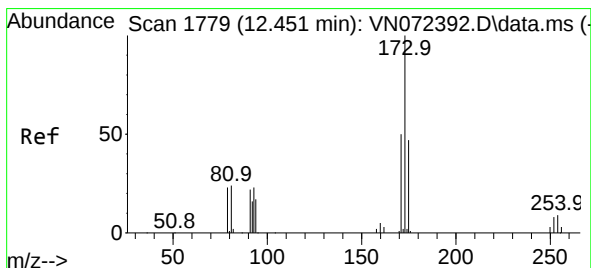
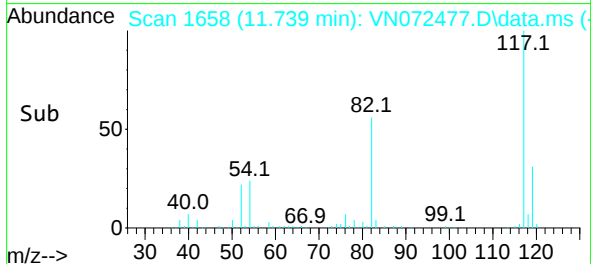
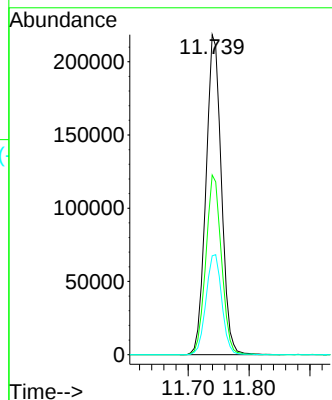
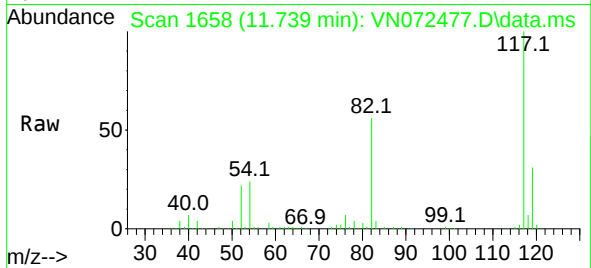




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

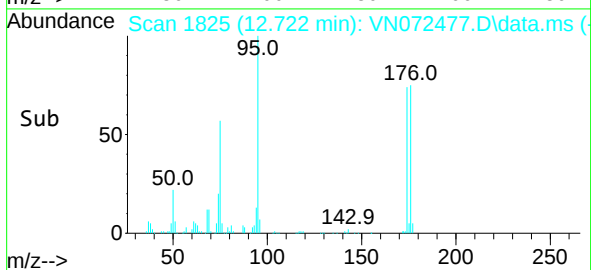
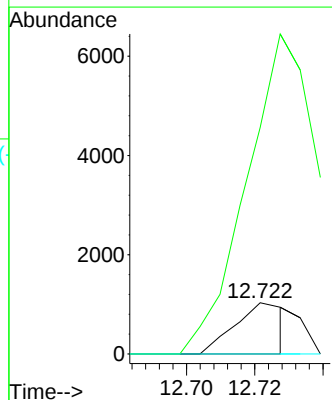
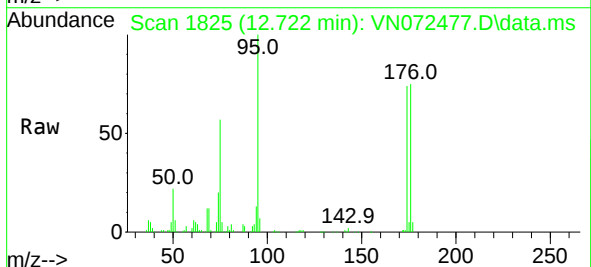
Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

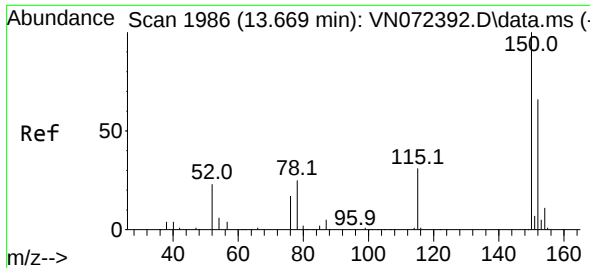
Tgt Ion:117 Resp: 383856
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 30.9 25.4 38.0



#71
Bromoform
Concen: 0.453 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion:173 Resp: 1050
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

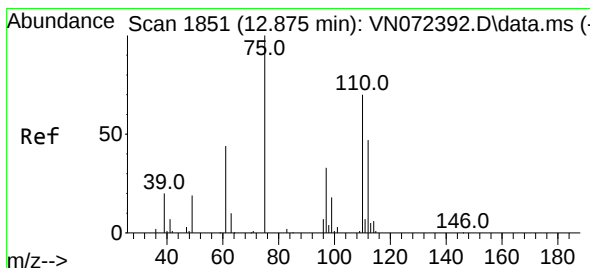
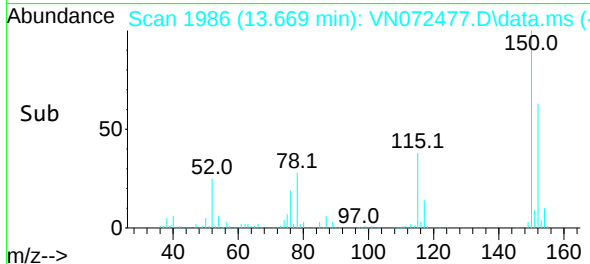
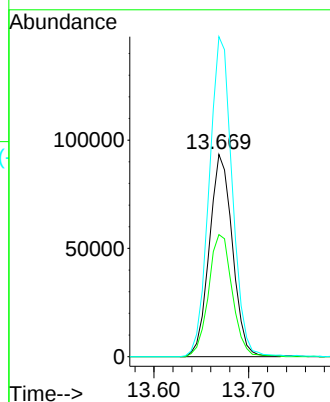
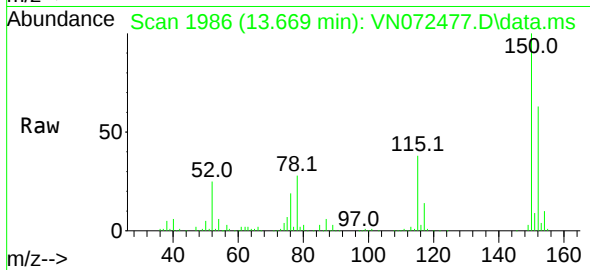




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072477.D
 Acq: 13 May 2022 15:12

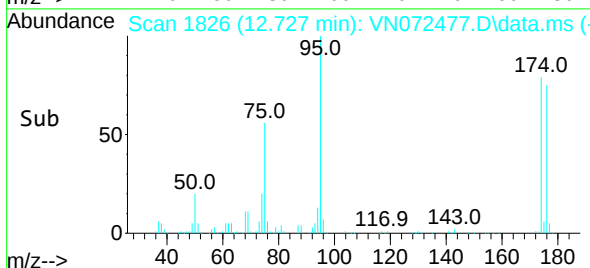
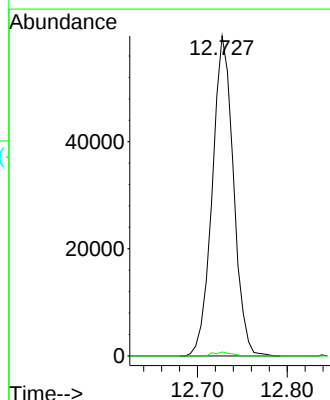
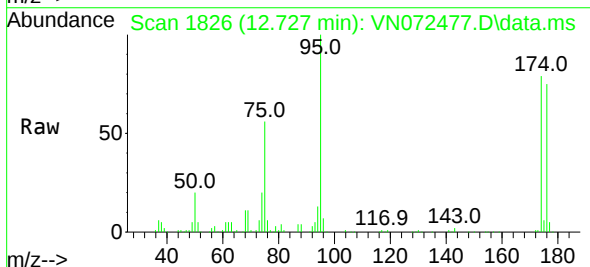
Instrument :
 MSVOA_N
 ClientSampleId :
 B3-6-8

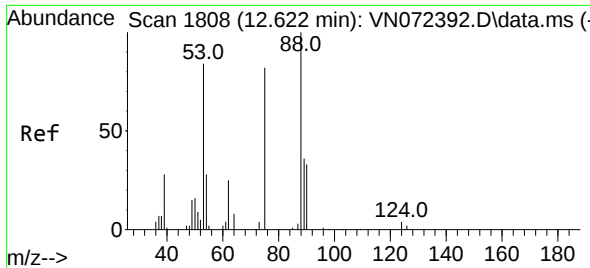
Tgt Ion:152 Resp: 158602
 Ion Ratio Lower Upper
 152 100
 115 62.1 28.9 86.7
 150 157.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.688 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072477.D
 Acq: 13 May 2022 15:12

Tgt Ion: 75 Resp: 97988
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

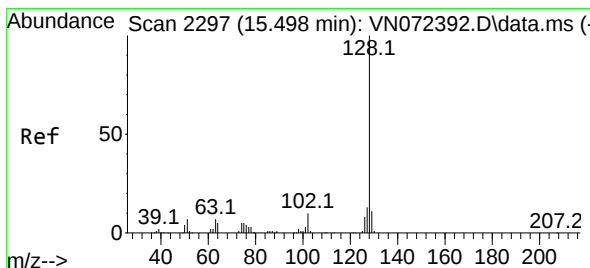
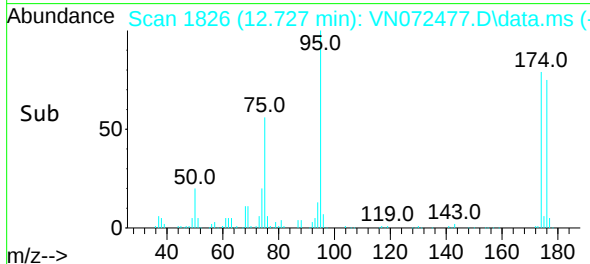
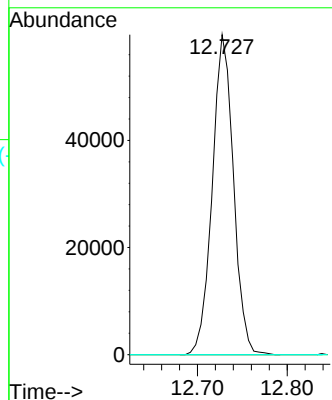
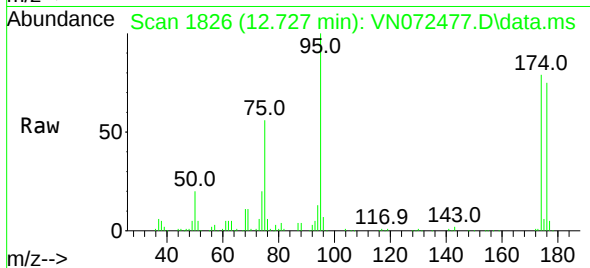




#81
trans-1,4-Dichloro-2-butene
Concen: 79.023 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :
B3-6-8

Tgt Ion: 75 Resp: 97988
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.414 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN072477.D
Acq: 13 May 2022 15:12

Tgt Ion: 128 Resp: 1920
Ion Ratio Lower Upper
128 100
127 5.9 10.3 15.5#
129 7.0 8.6 13.0#

