

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072897.D
 Acq On : 16 Jun 2022 22:52
 Operator : JC\MD
 Sample : N3202-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

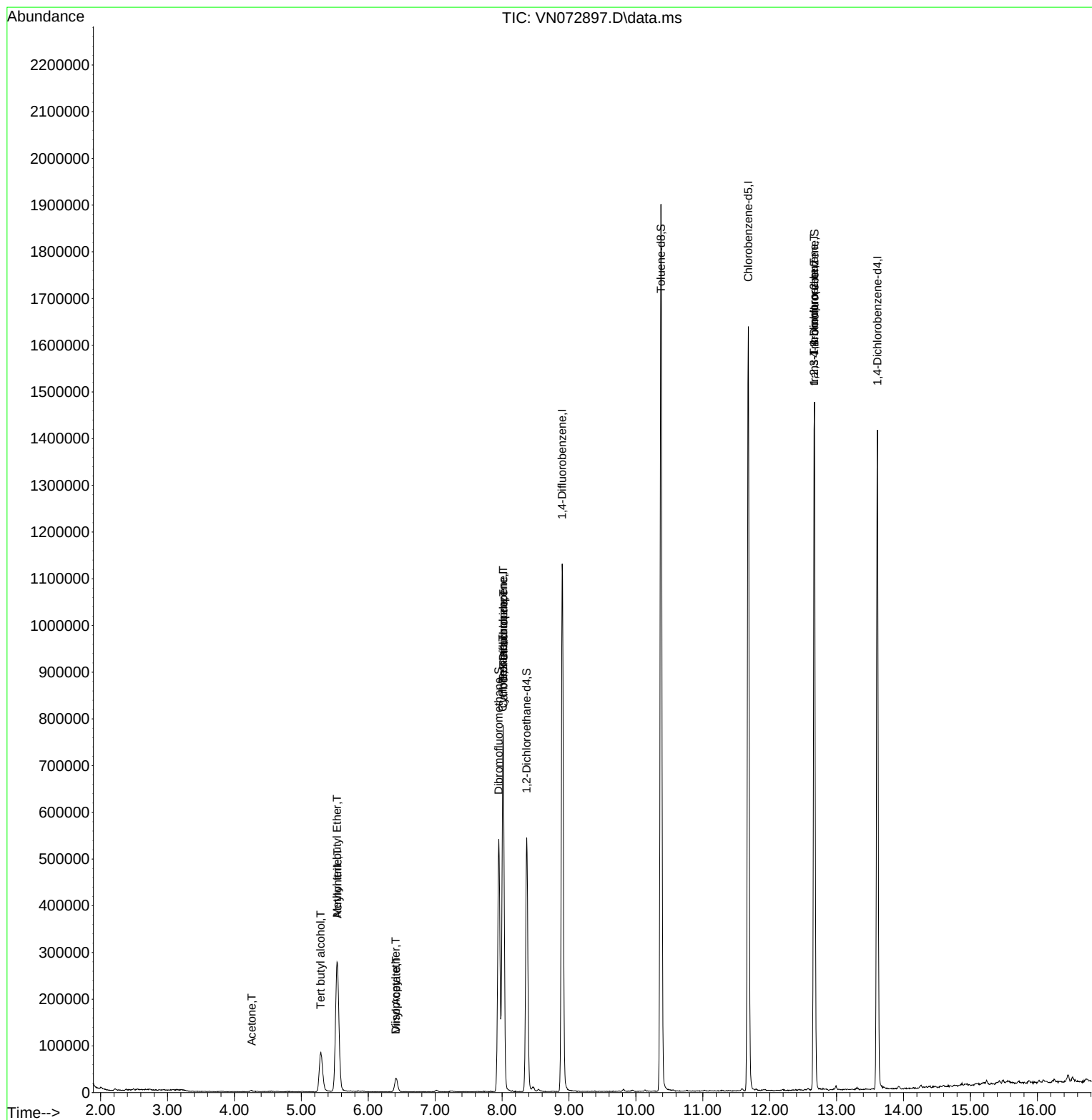
Internal Standards						
1) Pentafluorobenzene	8.016	168	612341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1036031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	967859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	402548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	457888	40.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	80.940%
35) Dibromofluoromethane	7.951	113	399955	42.499	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.000%
50) Toluene-d8	10.375	98	1314435	35.683	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	71.360%
62) 4-Bromofluorobenzene	12.669	95	530052	41.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	166566	56.547	ug/l	99
15) Acrylonitrile	5.540	53	5032	0.787	ug/l #	26
16) Acetone	4.257	43	4787	0.838	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	480851	15.391	ug/l	100
22) Diisopropyl ether	6.410	45	38964	1.218	ug/l	95
23) Vinyl Acetate	6.416	43	20447	0.703	ug/l #	75
31) Cyclohexane	8.010	56	12547	0.827	ug/l #	8
36) 1,1-Dichloropropene	8.016	75	44424	3.456	ug/l #	49
38) Carbon Tetrachloride	8.022	117	60418	4.366	ug/l #	15
76) 1,2,3-Trichloropropane	12.663	75	264843	22.134	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.663	75	264843	63.043	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.515	75	322	Below Cal	#	1

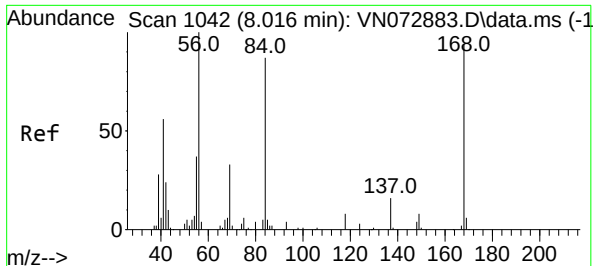
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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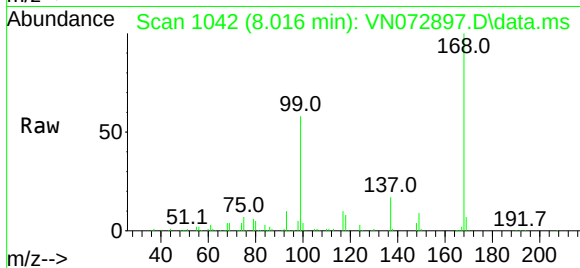
Quant Time: Jun 17 06:07:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
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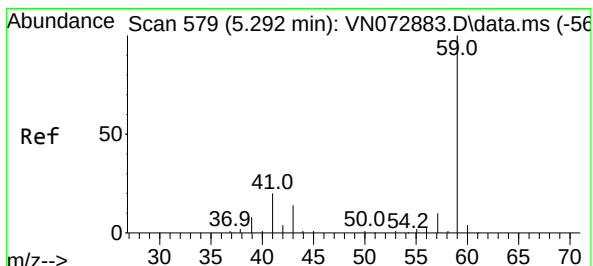
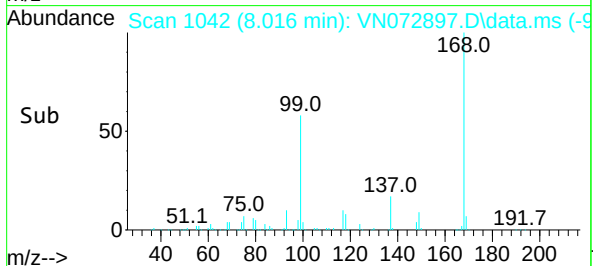
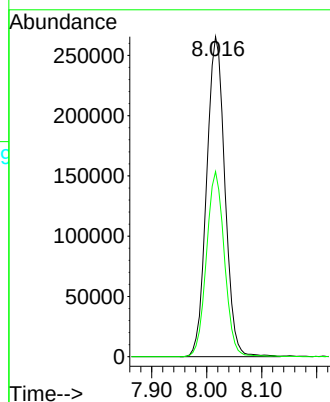


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Instrument :
MSVOA_N
ClientSampleId :

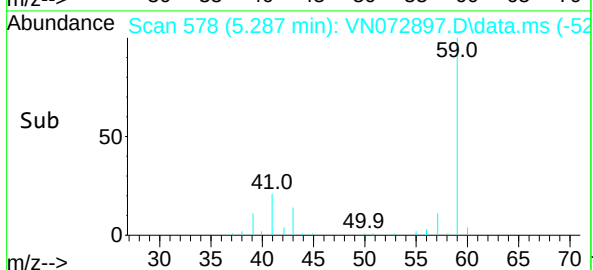
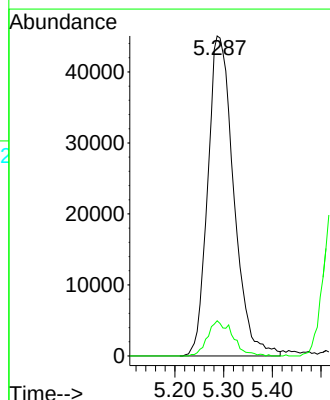
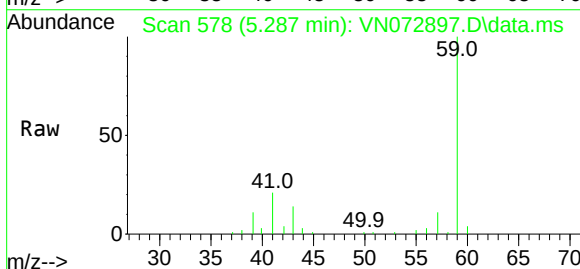


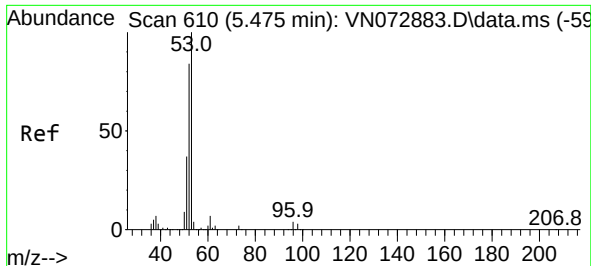
Tgt Ion:168 Resp: 612341
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 56.547 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.006 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 59 Resp: 166566
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

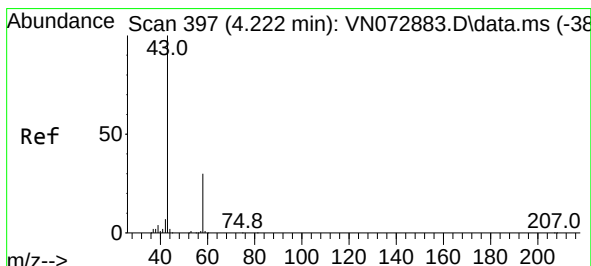
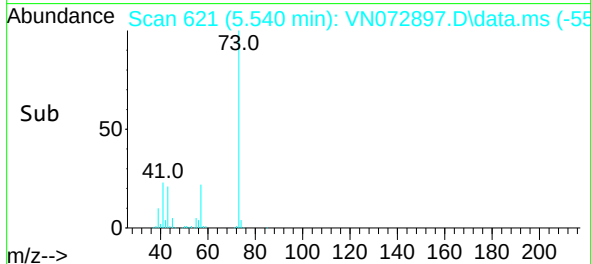
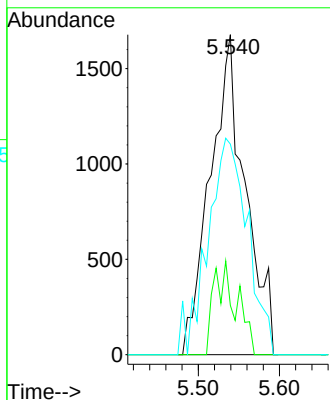
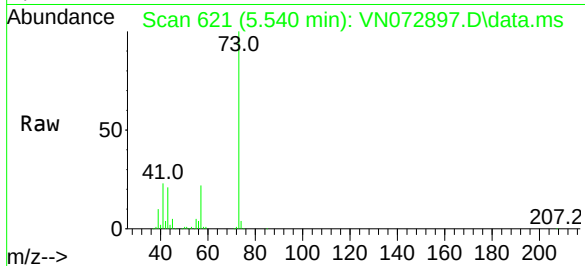




#15
Acrylonitrile
Concen: 0.787 ug/l
RT: 5.540 min Scan# 610
Delta R.T. 0.065 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

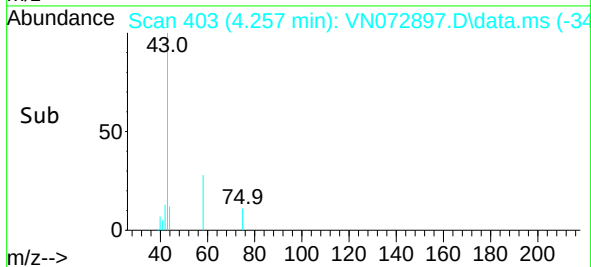
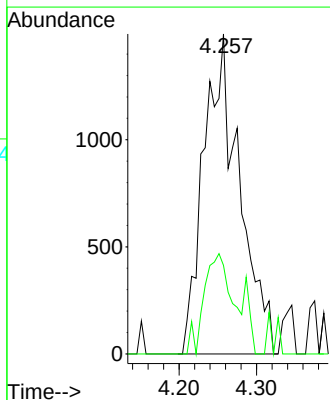
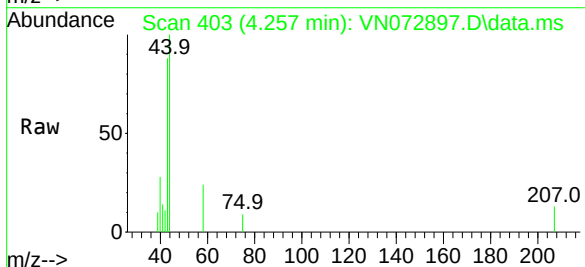
Instrument :
MSVOA_N
ClientSampleId :

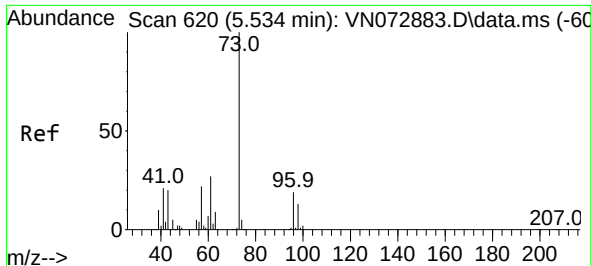
Tgt Ion: 53 Resp: 5032
Ion Ratio Lower Upper
53 100
52 13.8 66.4 99.6#
51 74.9 28.5 42.7#



#16
Acetone
Concen: 0.838 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 43 Resp: 4787
Ion Ratio Lower Upper
43 100
58 27.7 26.0 39.0





#19

Methyl tert-butyl Ether

Concen: 15.391 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

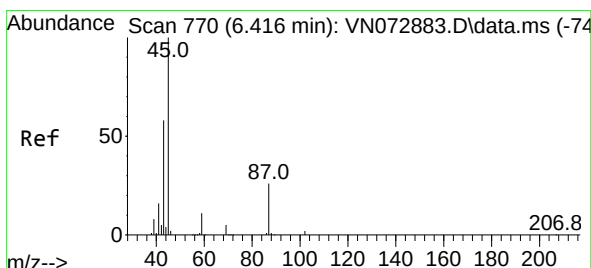
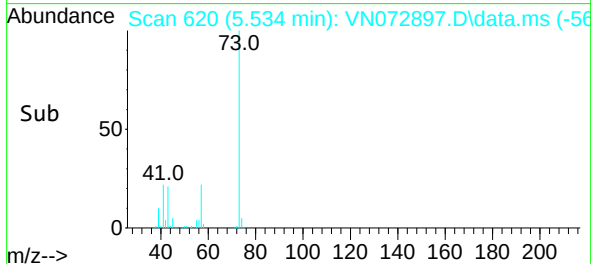
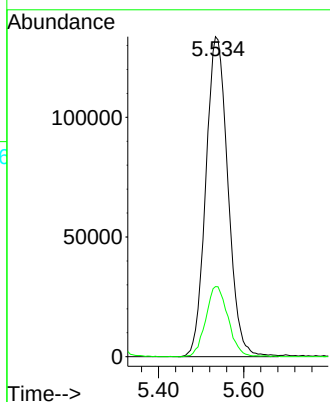
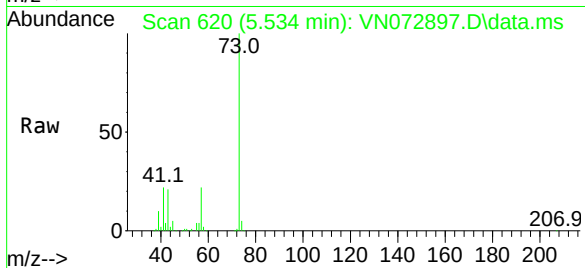
ClientSampleId :

Tgt Ion: 73 Resp: 480851

Ion Ratio Lower Upper

73 100

57 21.9 17.6 26.4



#22

Diisopropyl ether

Concen: 1.218 ug/l

RT: 6.410 min Scan# 769

Delta R.T. -0.006 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Tgt Ion: 45 Resp: 38964

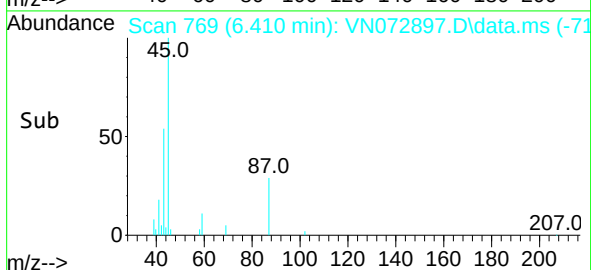
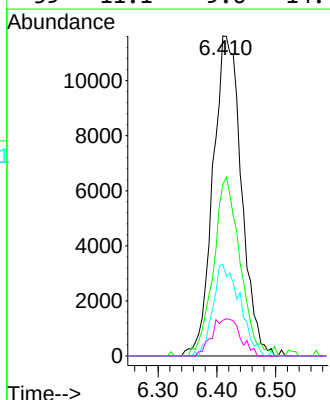
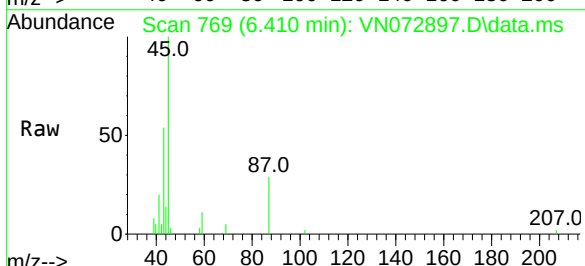
Ion Ratio Lower Upper

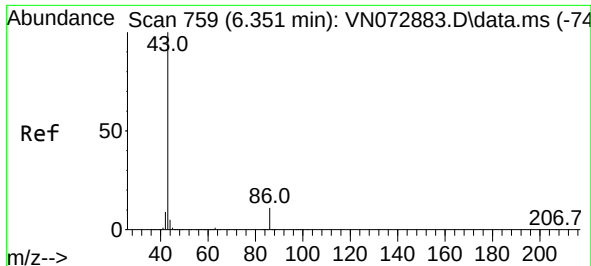
45 100

43 53.6 46.6 70.0

87 28.7 24.3 36.5

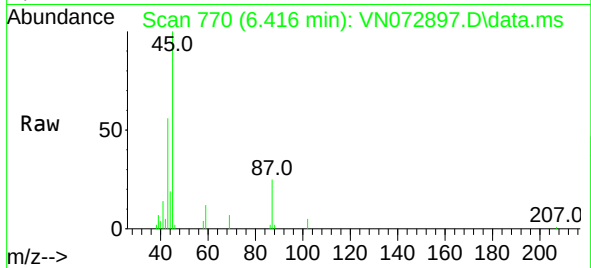
59 11.1 9.6 14.4



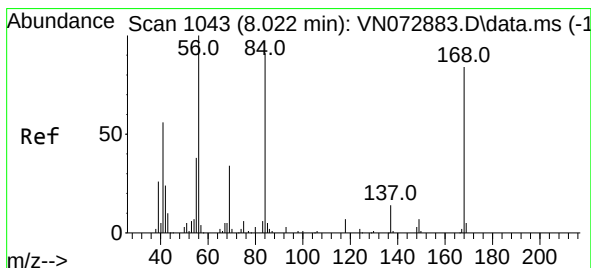
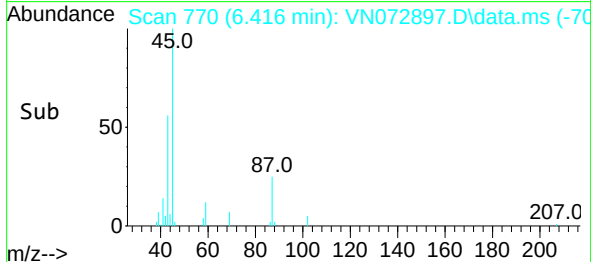
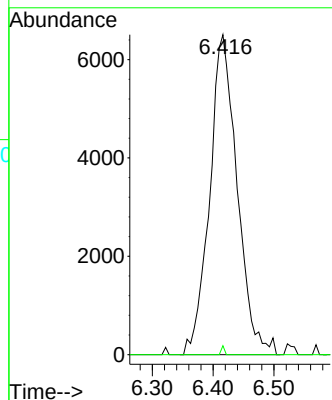


#23
 Vinyl Acetate
 Concen: 0.703 ug/l
 RT: 6.416 min Scan# 71
 Delta R.T. 0.065 min
 Lab File: VN072897.D
 Acq: 16 Jun 2022 22:52

Instrument :
 MSVOA_N
 ClientSampleId :

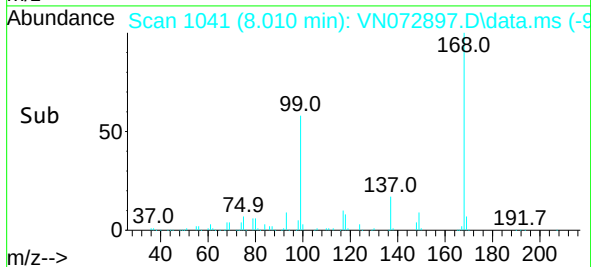
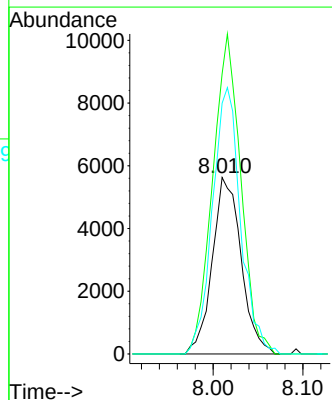
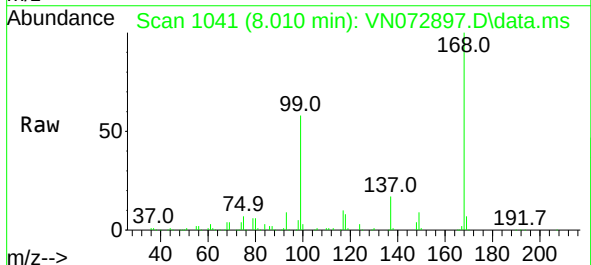


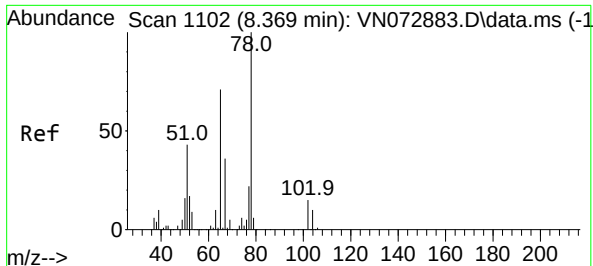
Tgt Ion: 43 Resp: 20447
 Ion Ratio Lower Upper
 43 100
 86 2.8 10.0 15.0#



#31
 Cyclohexane
 Concen: 0.827 ug/l
 RT: 8.010 min Scan# 1041
 Delta R.T. -0.012 min
 Lab File: VN072897.D
 Acq: 16 Jun 2022 22:52

Tgt Ion: 56 Resp: 12547
 Ion Ratio Lower Upper
 56 100
 69 158.8 27.8 41.8#
 84 142.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 40.474 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

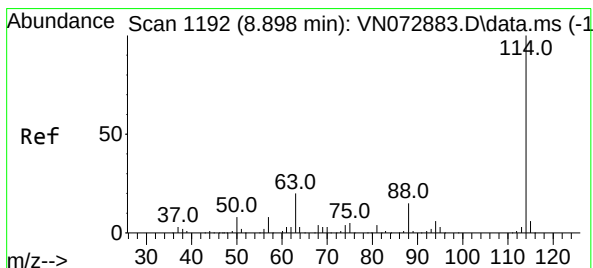
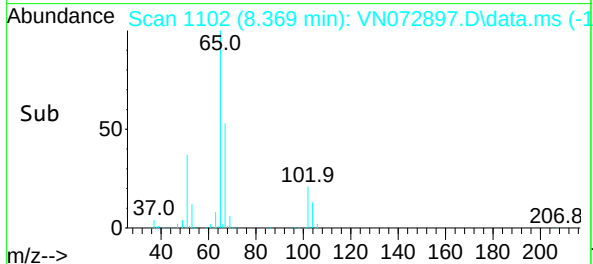
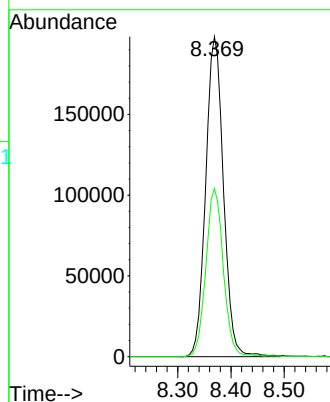
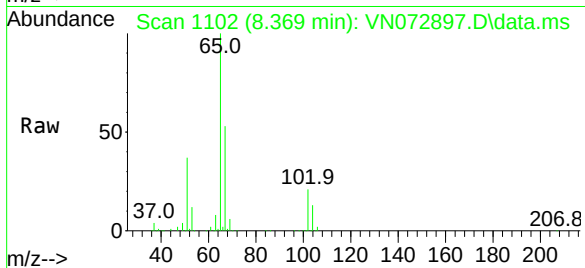
ClientSampleId :

Tgt Ion: 65 Resp: 457888

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

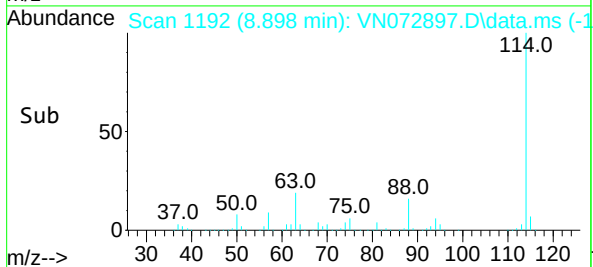
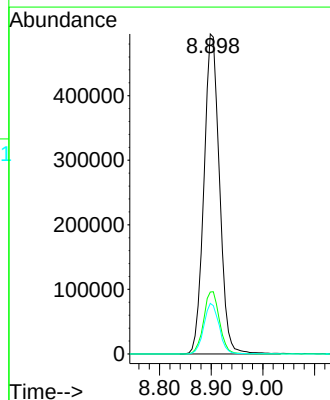
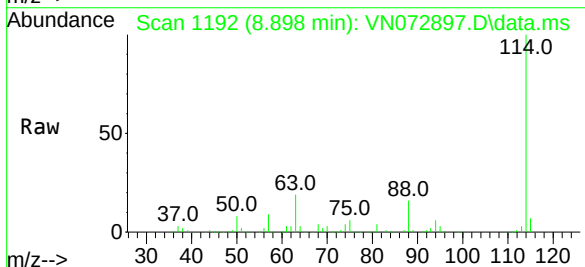
Tgt Ion: 114 Resp: 1036031

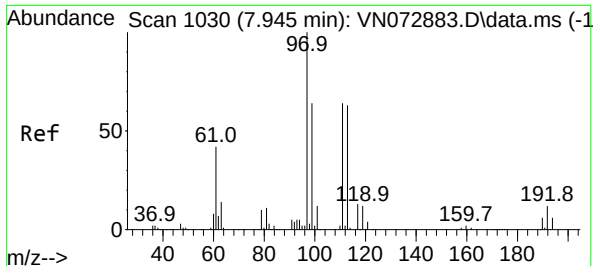
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.499 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

ClientSampleId :

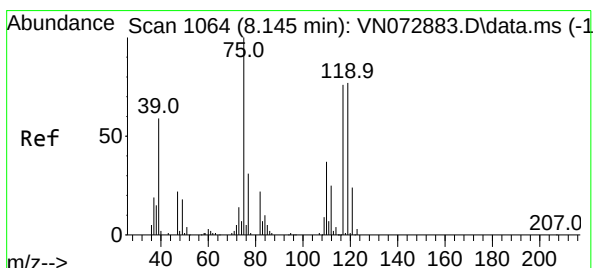
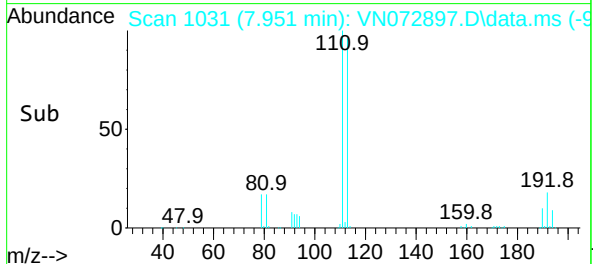
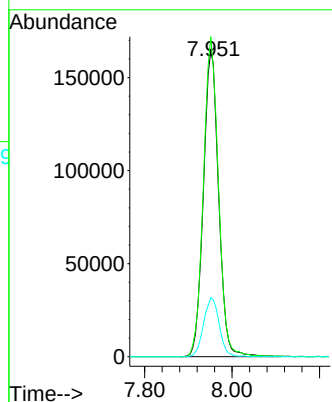
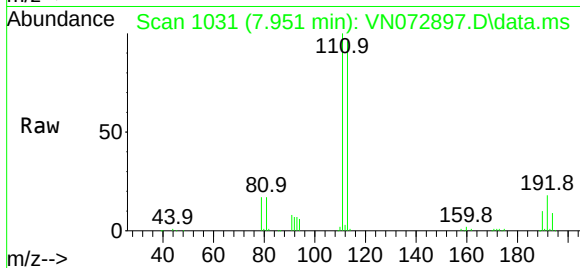
Tgt Ion:113 Resp: 399955

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 3.456 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

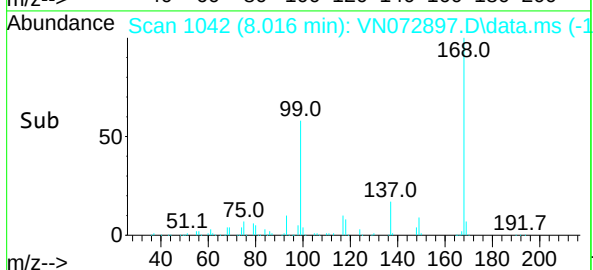
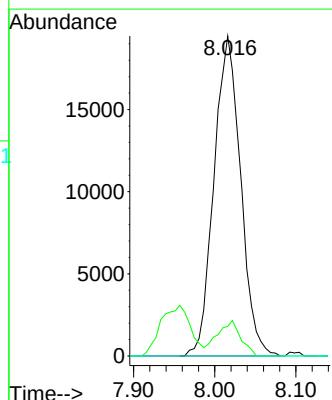
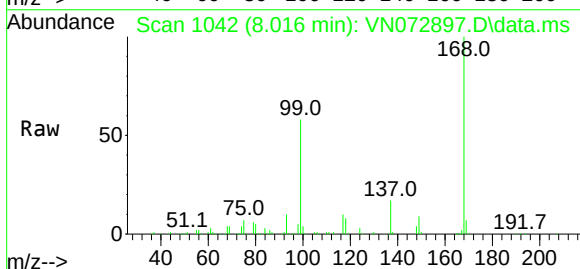
Tgt Ion: 75 Resp: 44424

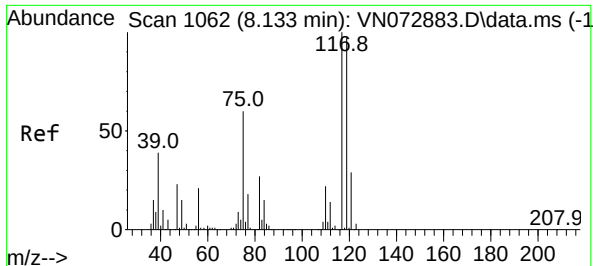
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

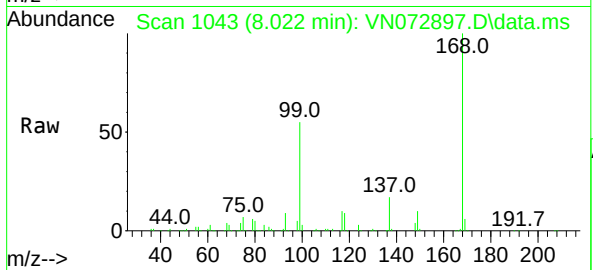
77 0.0 25.1 37.7#



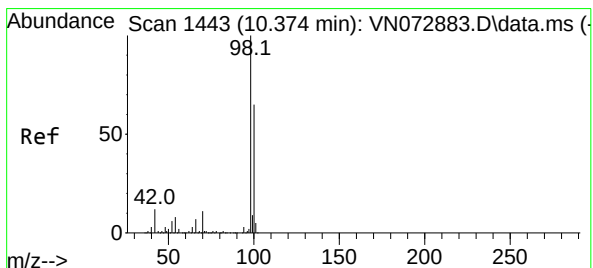
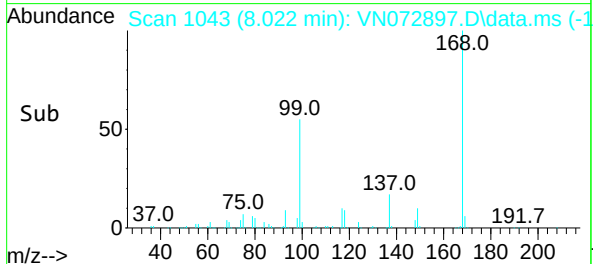
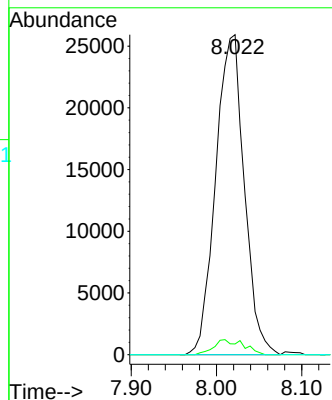


#38
Carbon Tetrachloride
Concen: 4.366 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Instrument :
MSVOA_N
ClientSampleId :

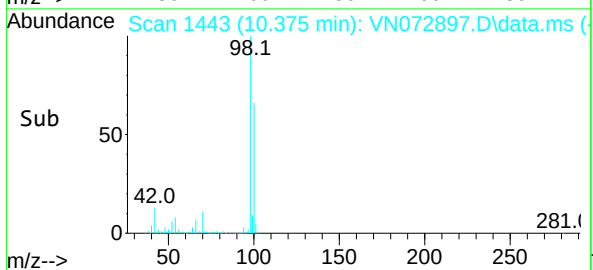
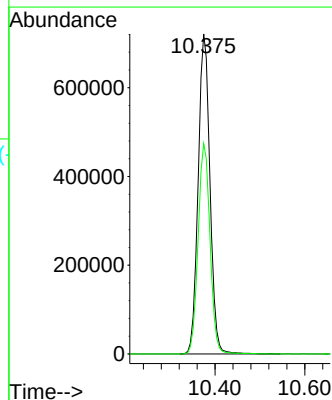
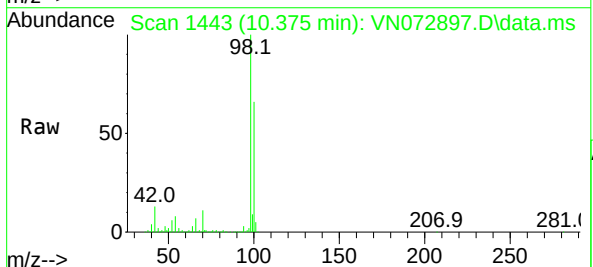


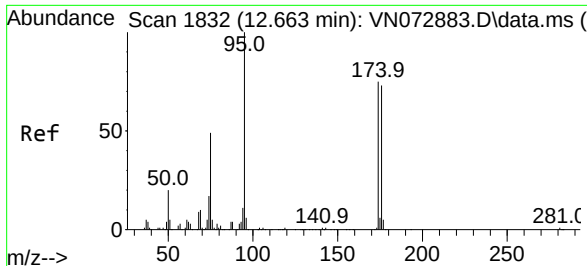
Tgt Ion:117 Resp: 60418
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 35.683 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 98 Resp: 1314435
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

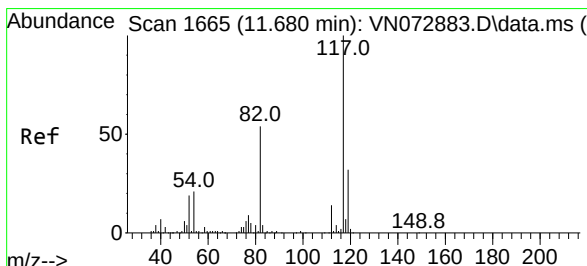
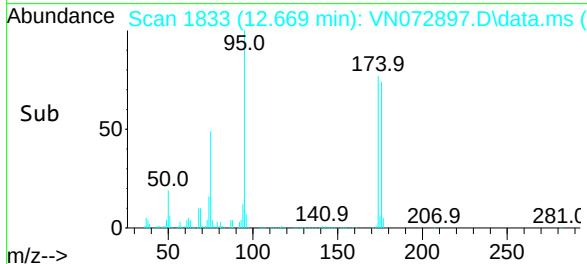
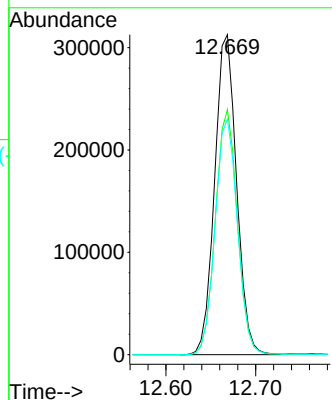
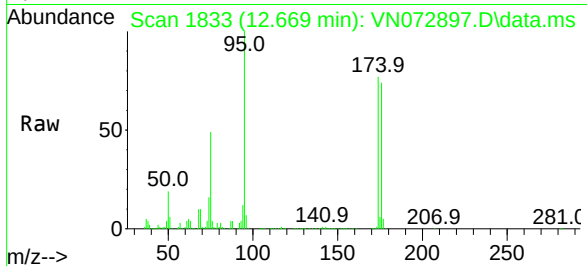




#62
4-Bromofluorobenzene
Concen: 41.480 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

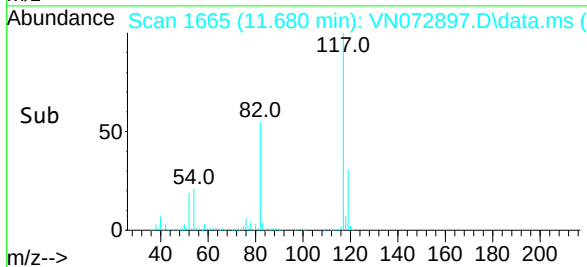
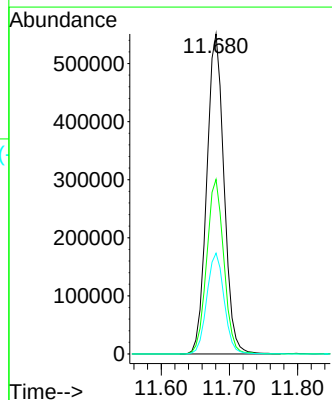
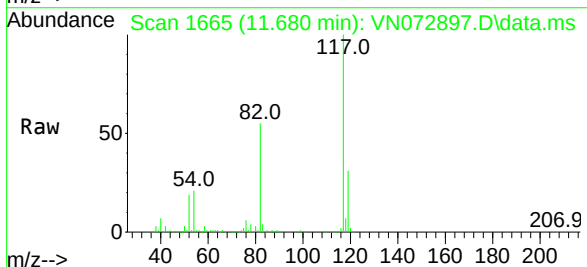
Instrument :
MSVOA_N
ClientSampleId :

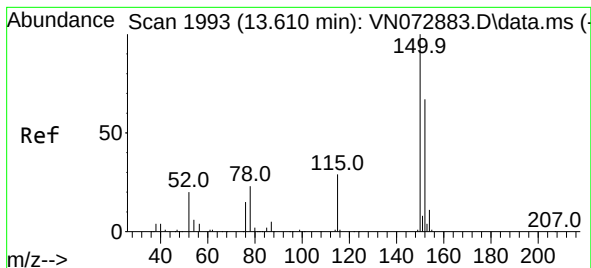
Tgt Ion: 95 Resp: 530052
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 75.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 117 Resp: 967859
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

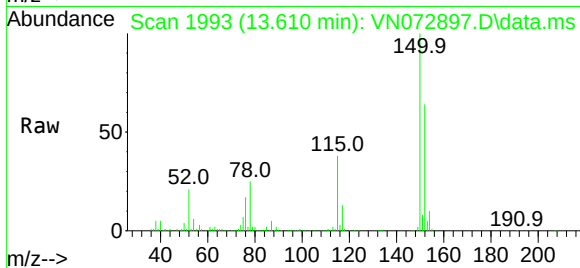
Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

ClientSampleId :



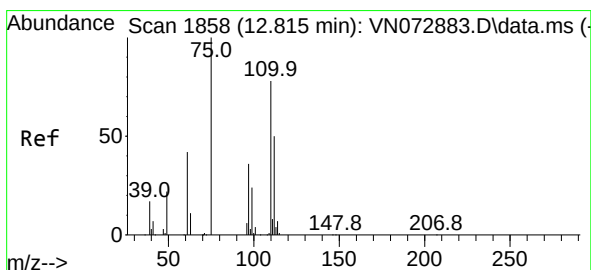
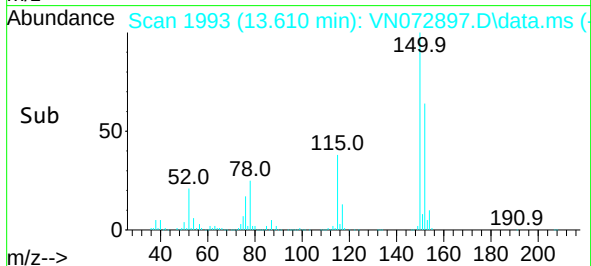
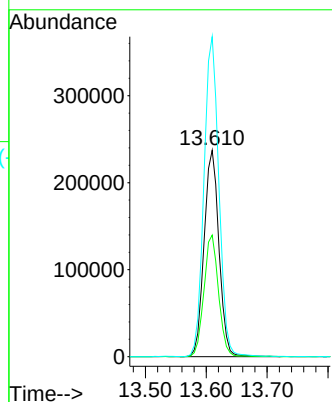
Tgt Ion:152 Resp: 402548

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 155.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 22.134 ug/l

RT: 12.663 min Scan# 1832

Delta R.T. -0.153 min

Lab File: VN072897.D

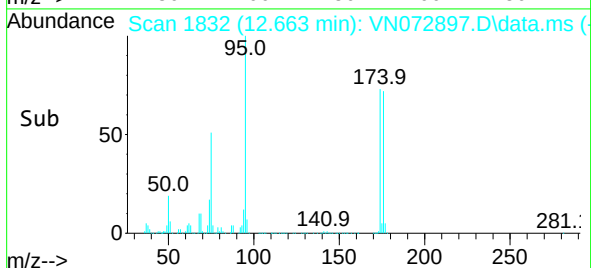
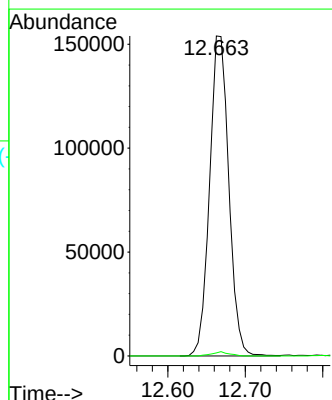
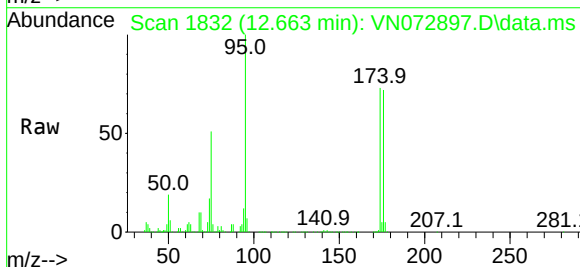
Acq: 16 Jun 2022 22:52

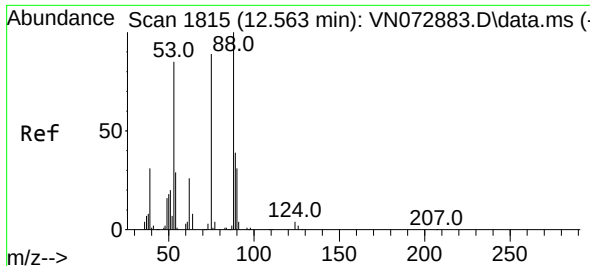
Tgt Ion: 75 Resp: 264843

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#

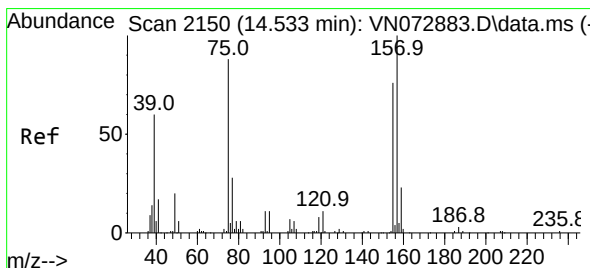
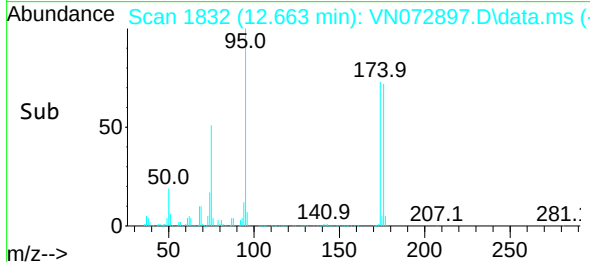
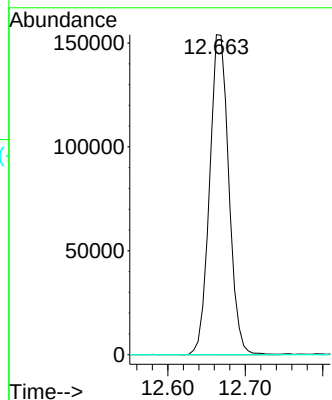
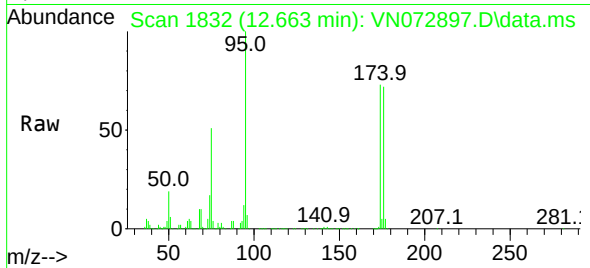




#81
trans-1,4-Dichloro-2-butene
Concen: 63.043 ug/l
RT: 12.663 min Scan# 11
Delta R.T. 0.100 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 264843
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.515 min Scan# 2147
Delta R.T. -0.018 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 75 Resp: 322
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

