

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073422.D
 Acq On : 11 Jul 2022 16:19
 Operator : JC\MD
 Sample : N3651-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-6

Quant Time: Jul 12 07:28:19 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)

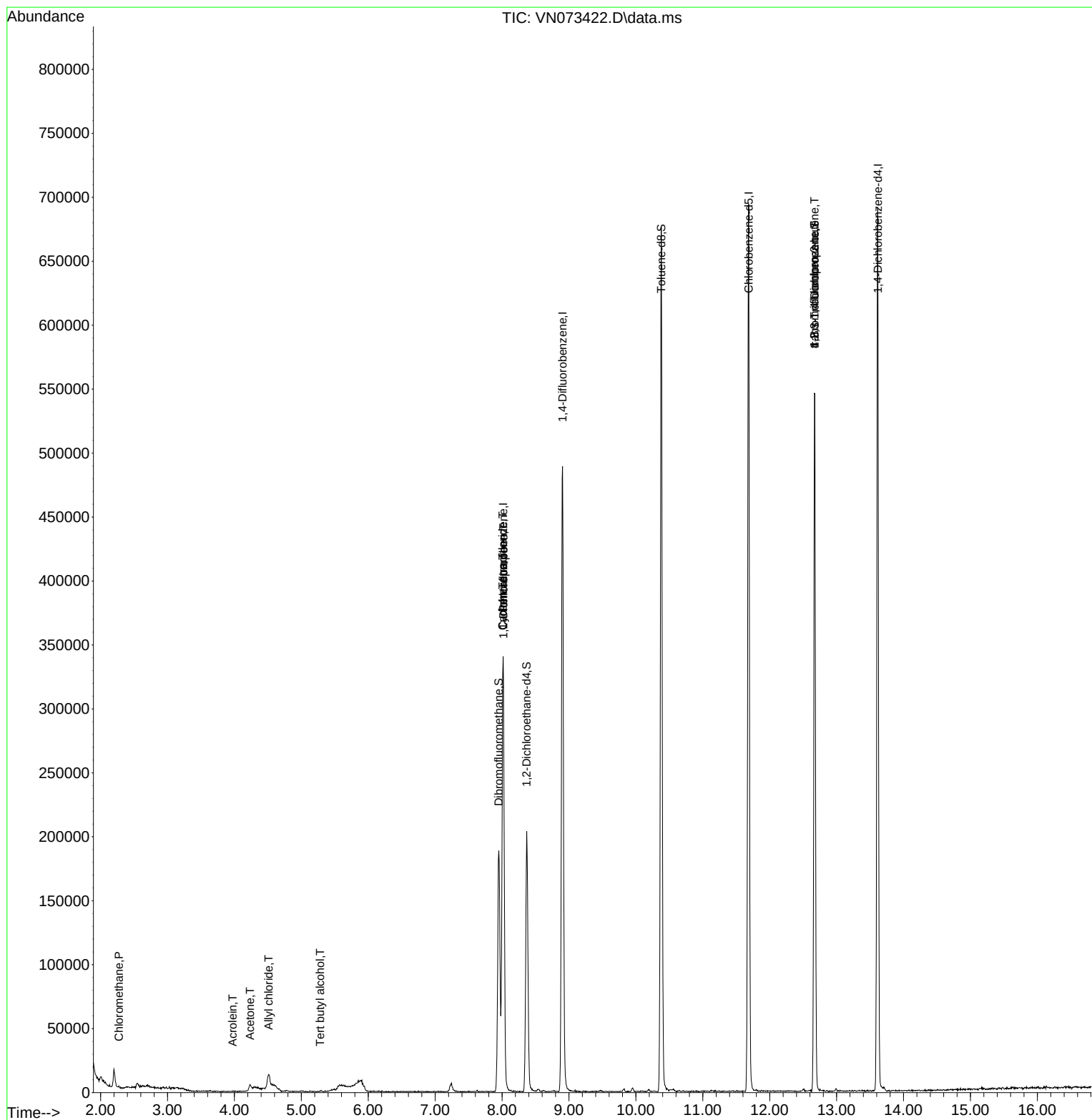
Internal Standards						
1) Pentafluorobenzene	8.016	168	254981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	430112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	185105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171843	46.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	7.951	113	140320	49.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	10.380	98	453529	44.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.668	95	192927	49.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	730	0.202	ug/l #	43
11) Tert butyl alcohol	5.281	59	503	0.564	ug/l #	72
13) Acrolein	3.975	56	146	0.259	ug/l #	16
14) Allyl chloride	4.510	41	2354	0.372	ug/l #	71
16) Acetone	4.234	43	9434	4.566	ug/l #	78
31) Cyclohexane	8.010	56	6343	1.052	ug/l #	29
36) 1,1-Dichloropropene	8.022	75	22378	5.082	ug/l #	49
38) Carbon Tetrachloride	8.010	117	27133	5.959	ug/l #	17
76) 1,2,3-Trichloropropane	12.668	75	104785	21.649	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	104785	59.372	ug/l #	10

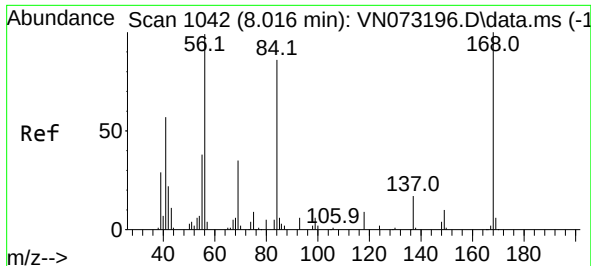
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
Data File : VN073422.D
Acq On : 11 Jul 2022 16:19
Operator : JC\MD
Sample : N3651-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-6

Quant Time: Jul 12 07:28:19 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

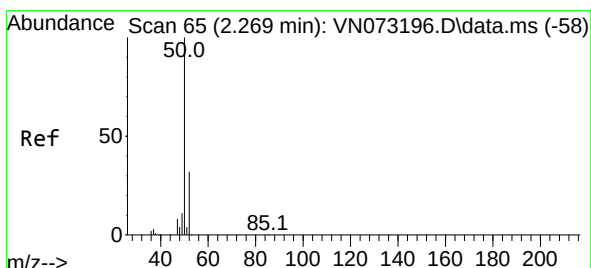
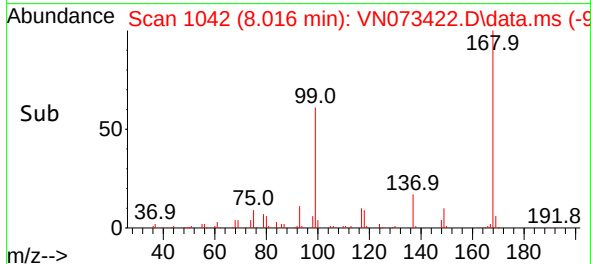
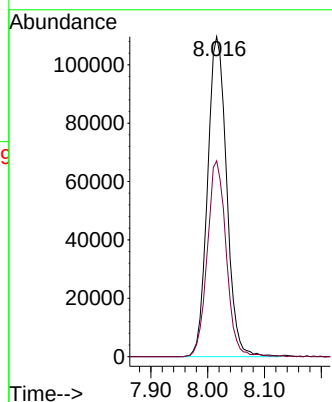
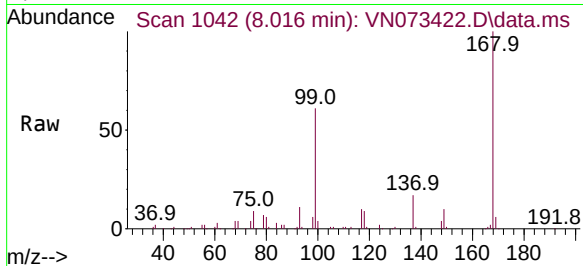




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

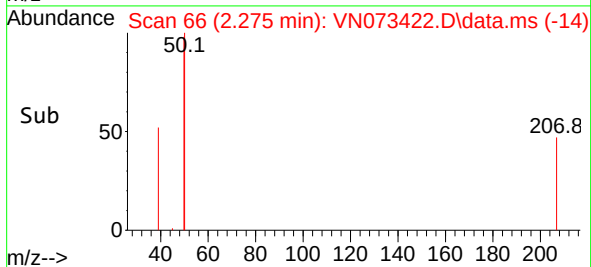
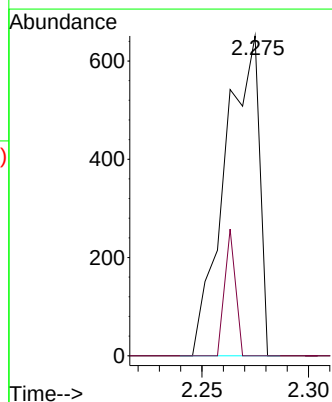
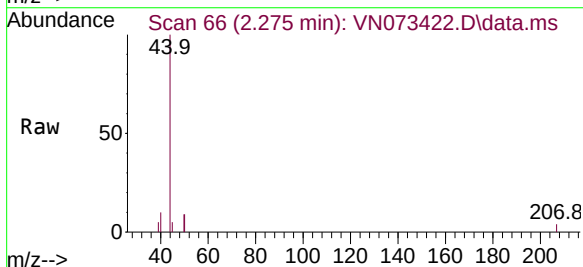
Instrument :
MSVOA_N
ClientSampleId :
SW-6

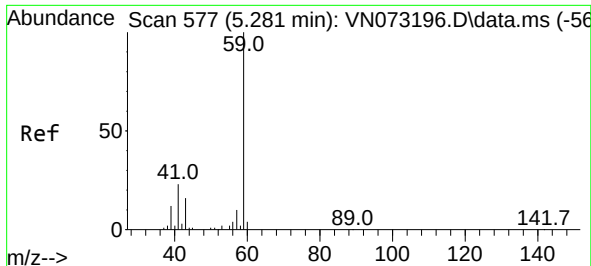
Tgt Ion:168 Resp: 254981
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

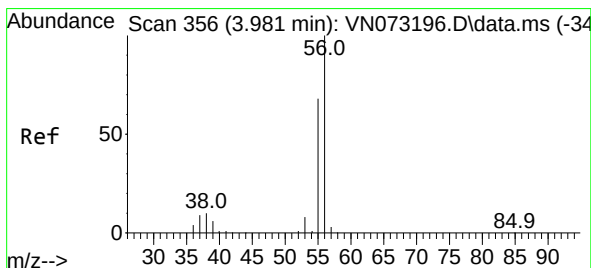
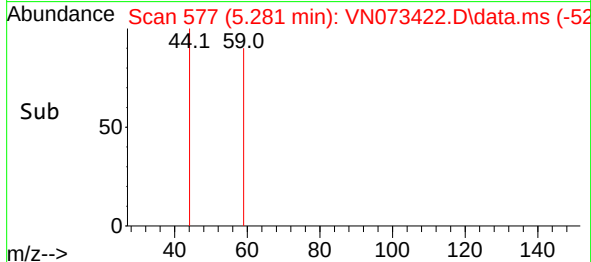
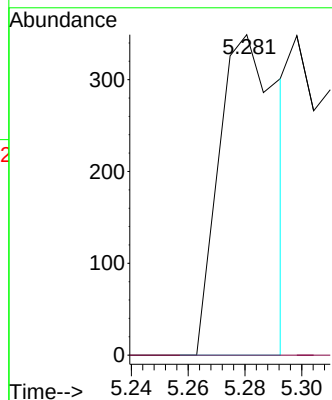
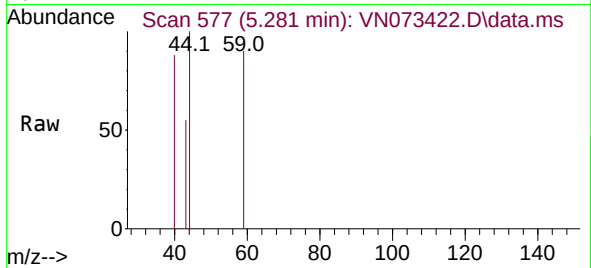




#11
Tert butyl alcohol
Concen: 0.564 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

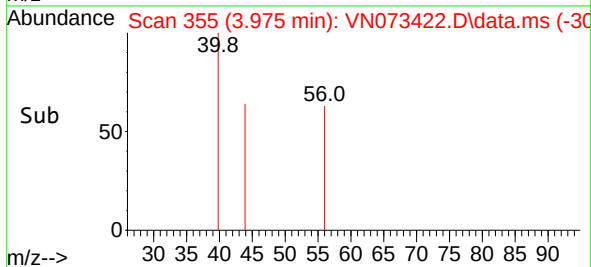
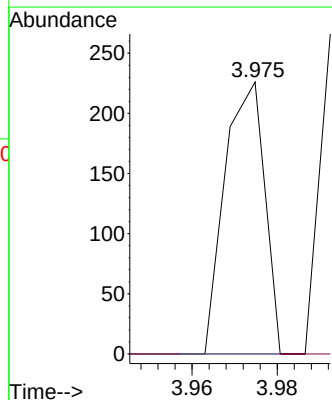
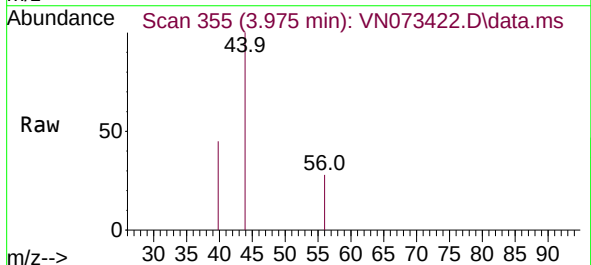
Instrument :
MSVOA_N
ClientSampleId :
SW-6

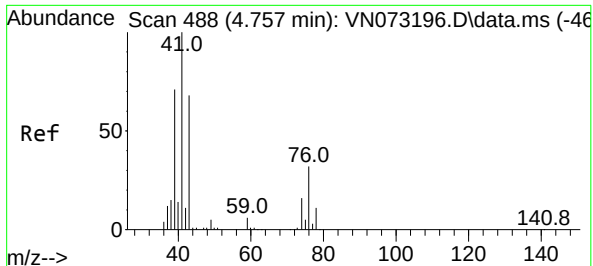
Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.259 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

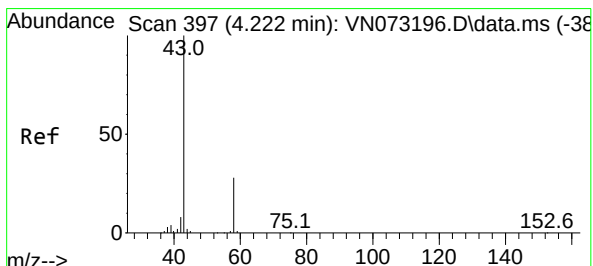
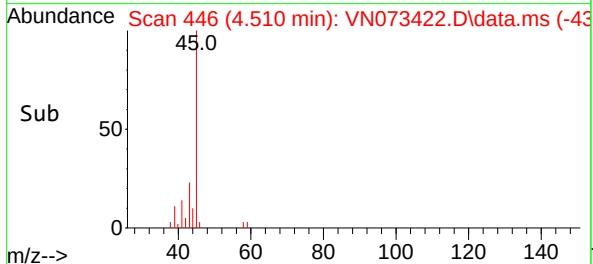
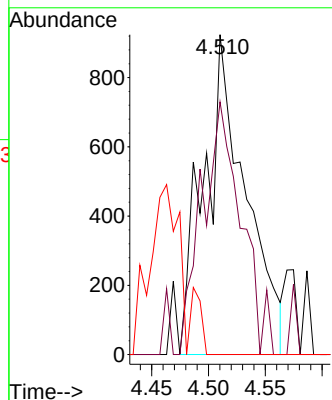
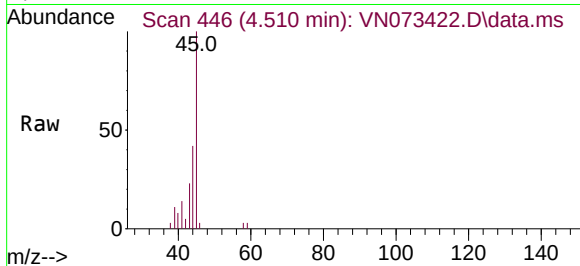




#14
 Allyl chloride
 Concen: 0.372 ug/l
 RT: 4.510 min Scan# 446
 Delta R.T. -0.247 min
 Lab File: VN073422.D
 Acq: 11 Jul 2022 16:19

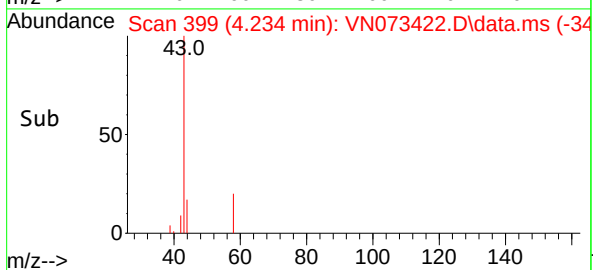
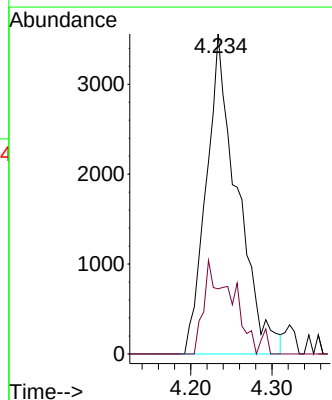
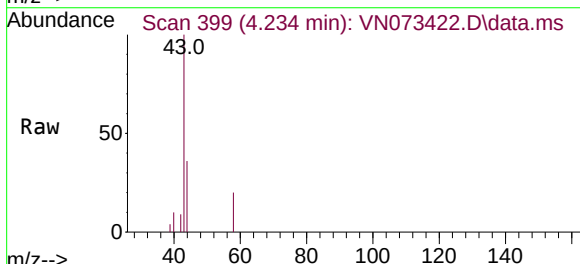
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-6

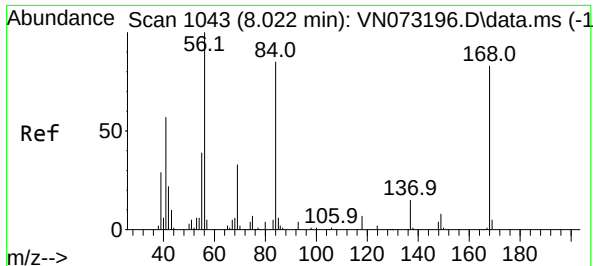
Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.5	53.2	79.8
76	0.0	29.9	44.9



#16
 Acetone
 Concen: 4.566 ug/l
 RT: 4.234 min Scan# 399
 Delta R.T. 0.012 min
 Lab File: VN073422.D
 Acq: 11 Jul 2022 16:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.4	26.0	39.0





#31

Cyclohexane

Concen: 1.052 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

SW-6

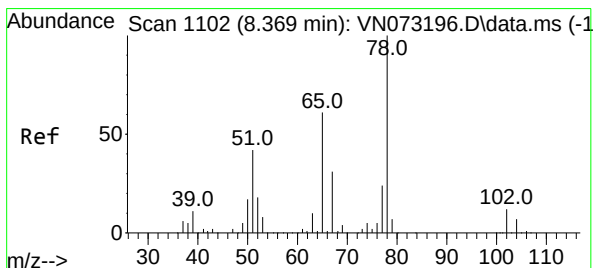
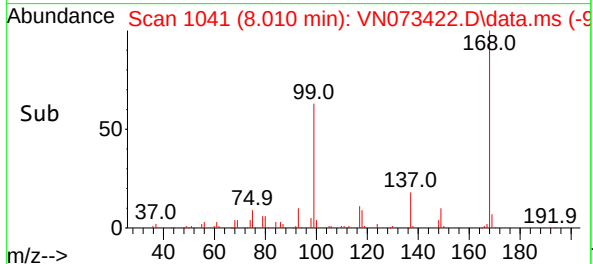
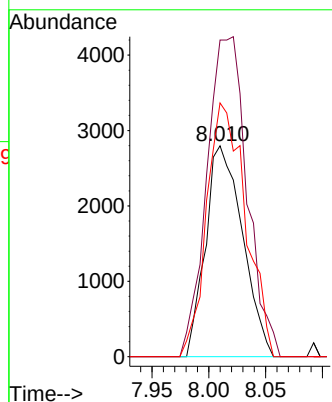
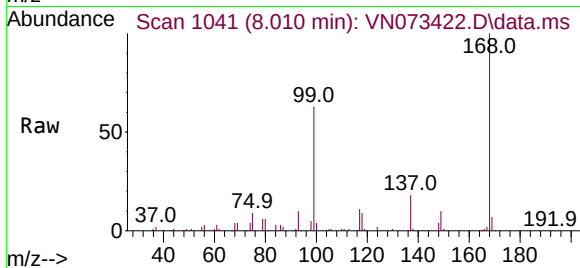
Tgt Ion: 56 Resp: 6343

Ion Ratio Lower Upper

56 100

69 150.1 27.8 41.8#

84 120.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 46.685 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073422.D

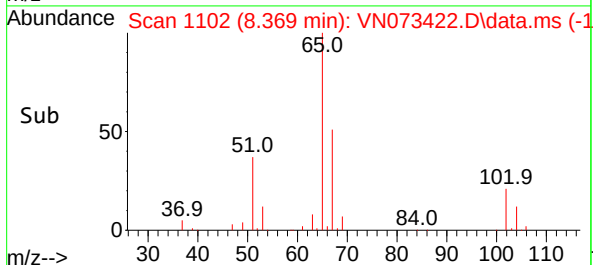
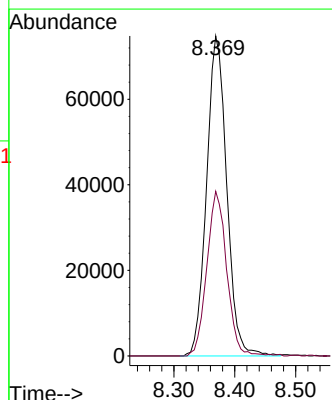
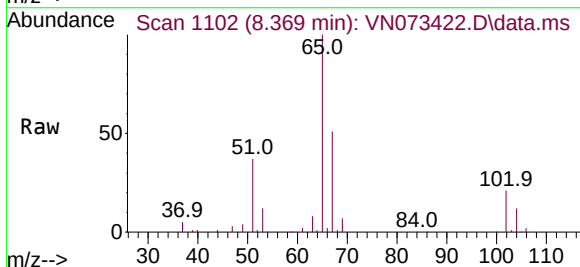
Acq: 11 Jul 2022 16:19

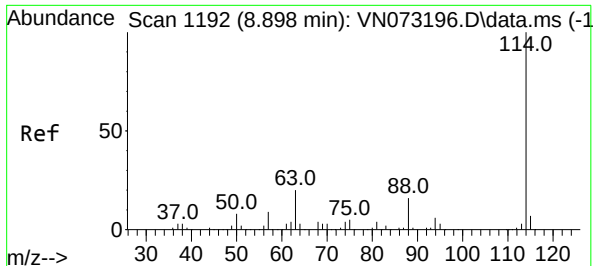
Tgt Ion: 65 Resp: 171843

Ion Ratio Lower Upper

65 100

67 50.8 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: VN073422.D

Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

SW-6

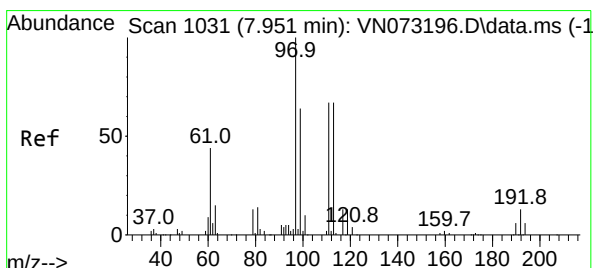
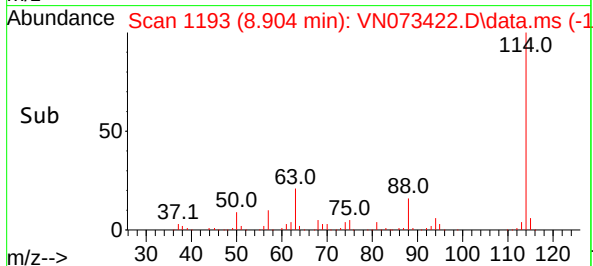
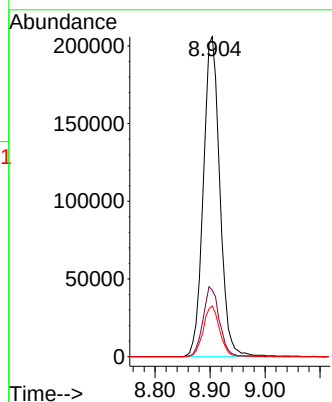
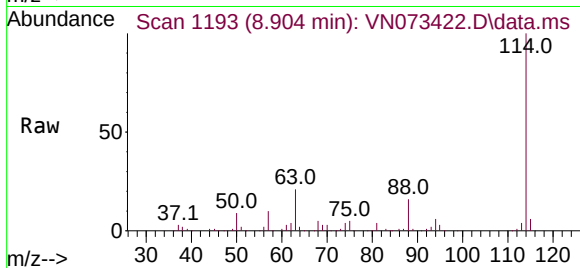
Tgt Ion:114 Resp: 430112

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.036 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

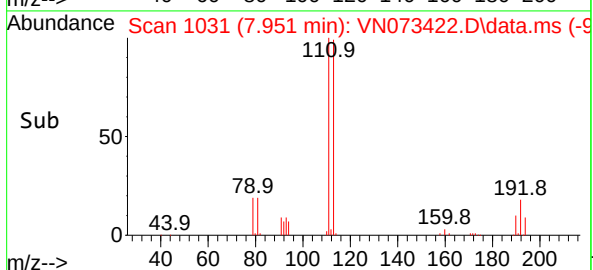
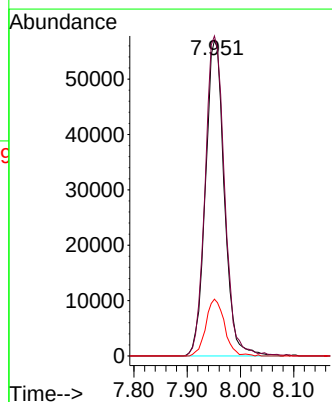
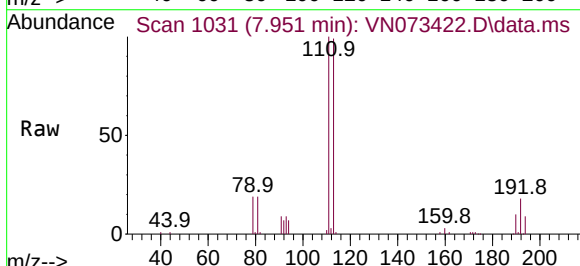
Tgt Ion:113 Resp: 140320

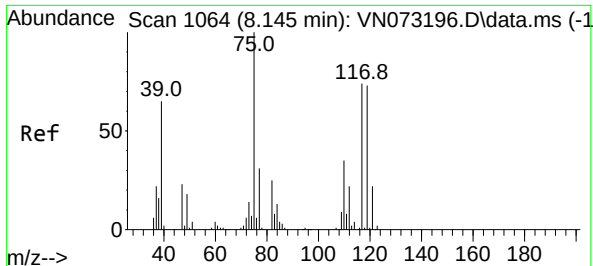
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 17.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

SW-6

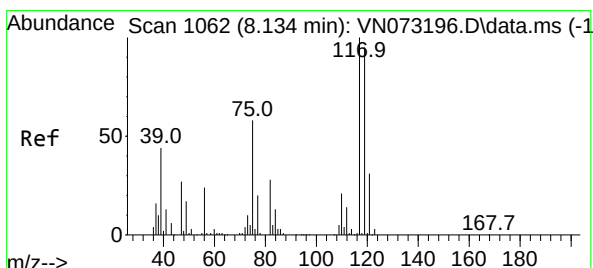
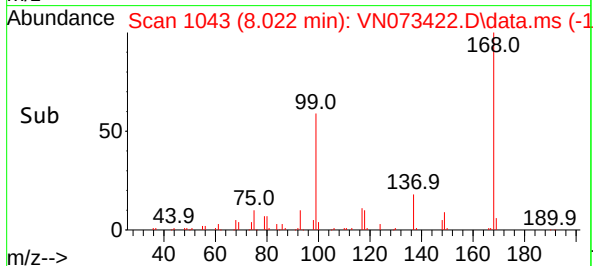
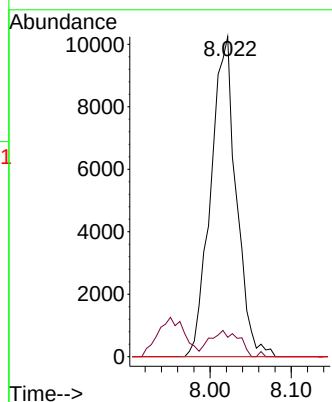
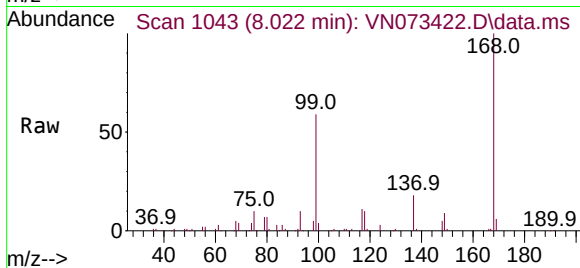
Tgt Ion: 75 Resp: 22378

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.959 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

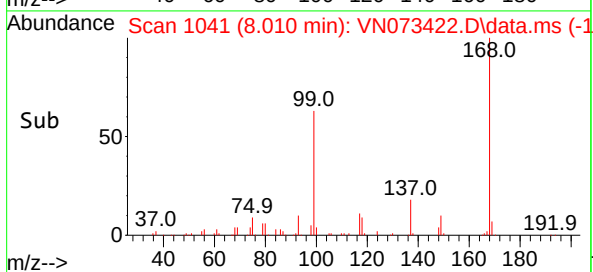
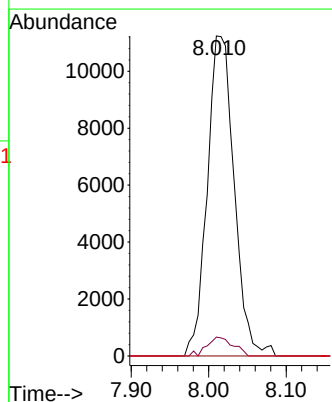
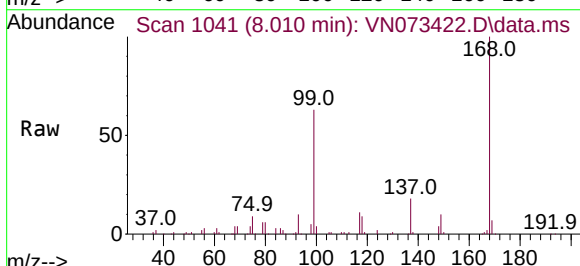
Tgt Ion: 117 Resp: 27133

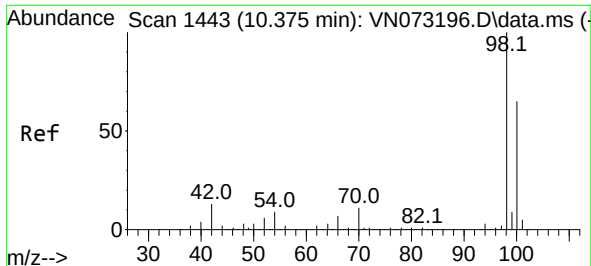
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

121 0.0 24.6 37.0#

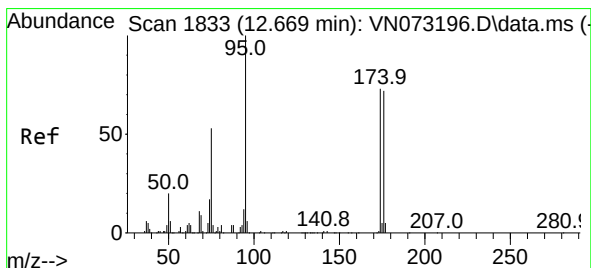
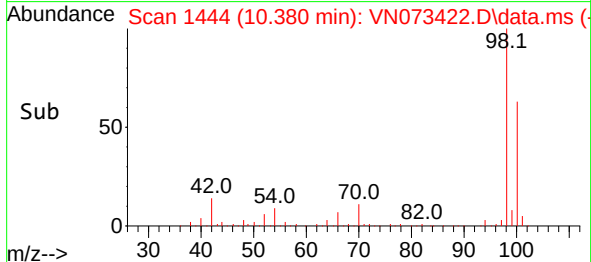
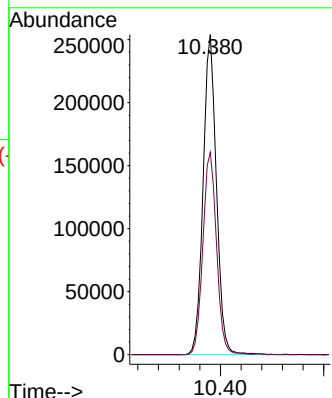
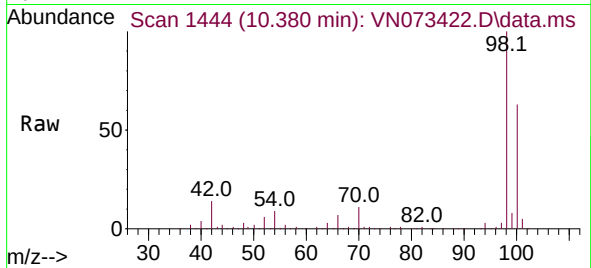




#50
Toluene-d8
Concen: 44.624 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

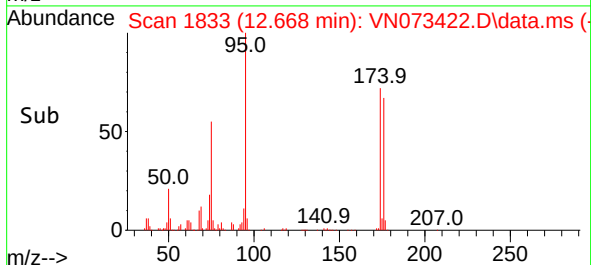
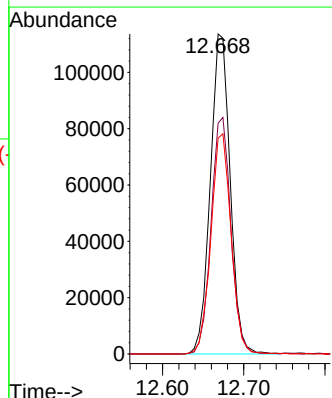
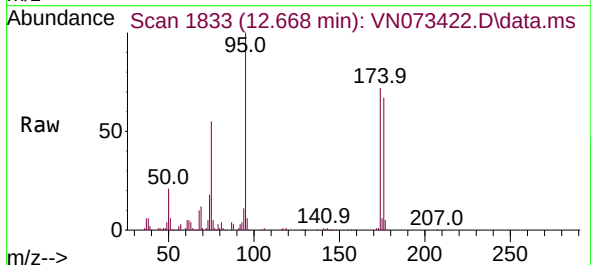
Instrument :
MSVOA_N
ClientSampleId :
SW-6

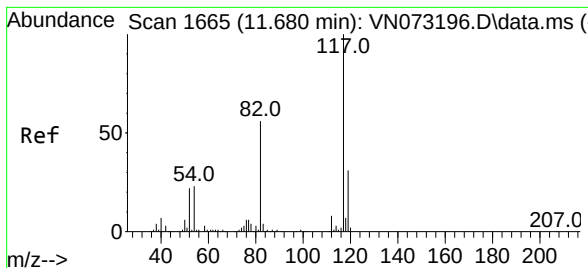
Tgt Ion: 98 Resp: 453529
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 95 Resp: 192927
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

SW-6

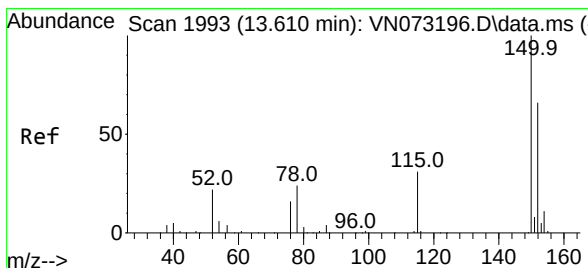
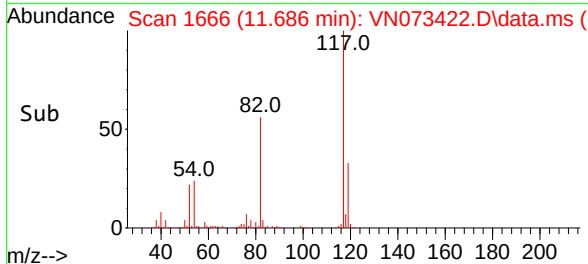
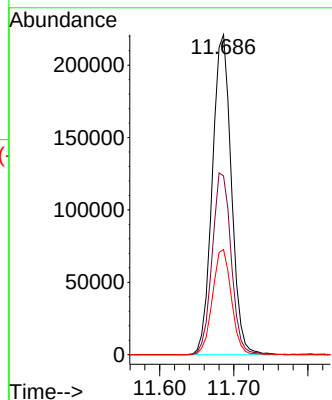
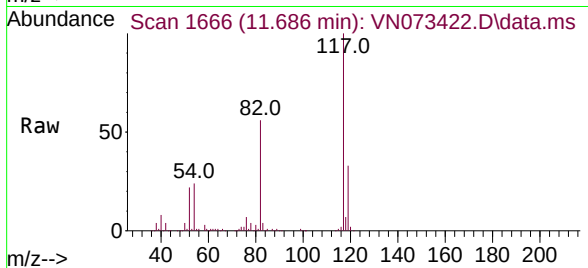
Tgt Ion:117 Resp: 394378

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

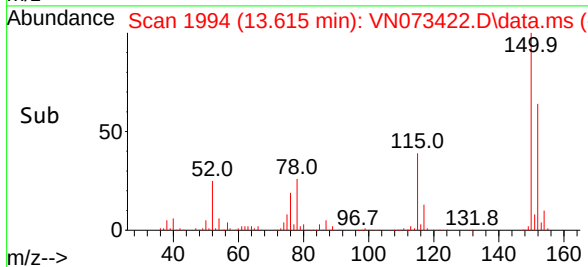
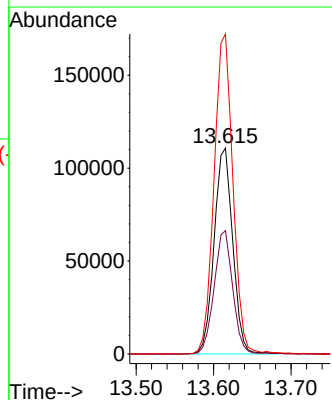
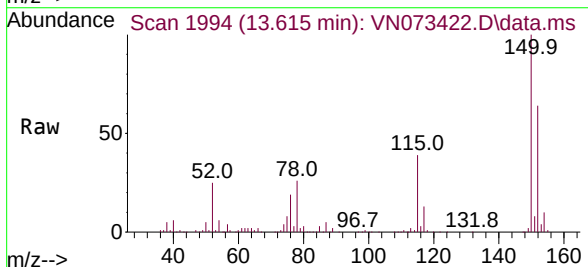
Tgt Ion:152 Resp: 185105

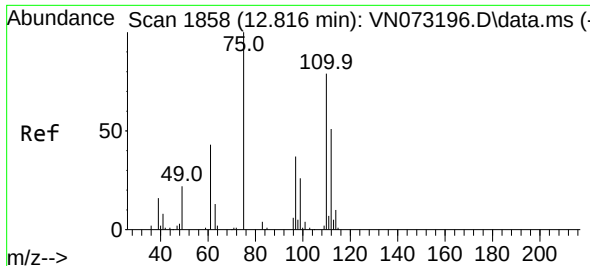
Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 157.5 0.0 356.2

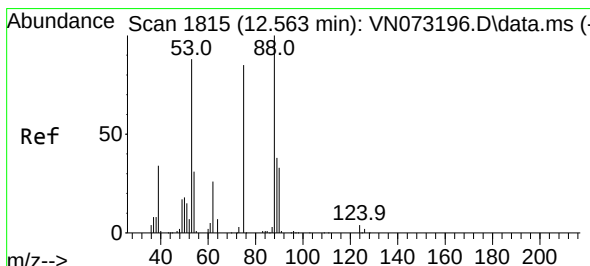
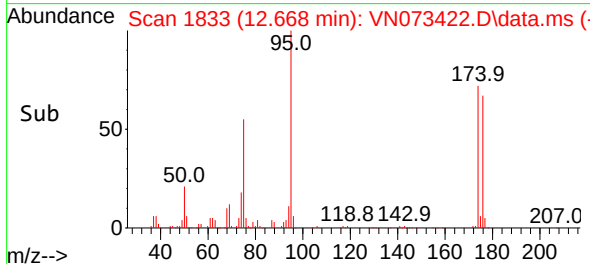
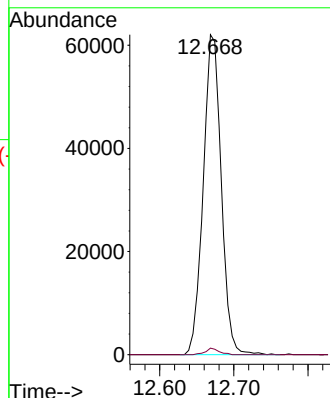
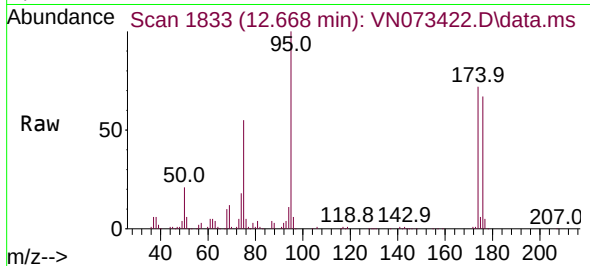




#76
1,2,3-Trichloropropane
Concen: 21.649 ug/l
RT: 12.668 min Scan# 1858
Delta R.T. -0.148 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Instrument :
MSVOA_N
ClientSampleId :
SW-6

Tgt Ion: 75 Resp: 104785
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.372 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 75 Resp: 104785
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

