

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073274.D
 Acq On : 30 Jun 2022 18:39
 Operator : JC\MD
 Sample : N3554-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:09:12 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

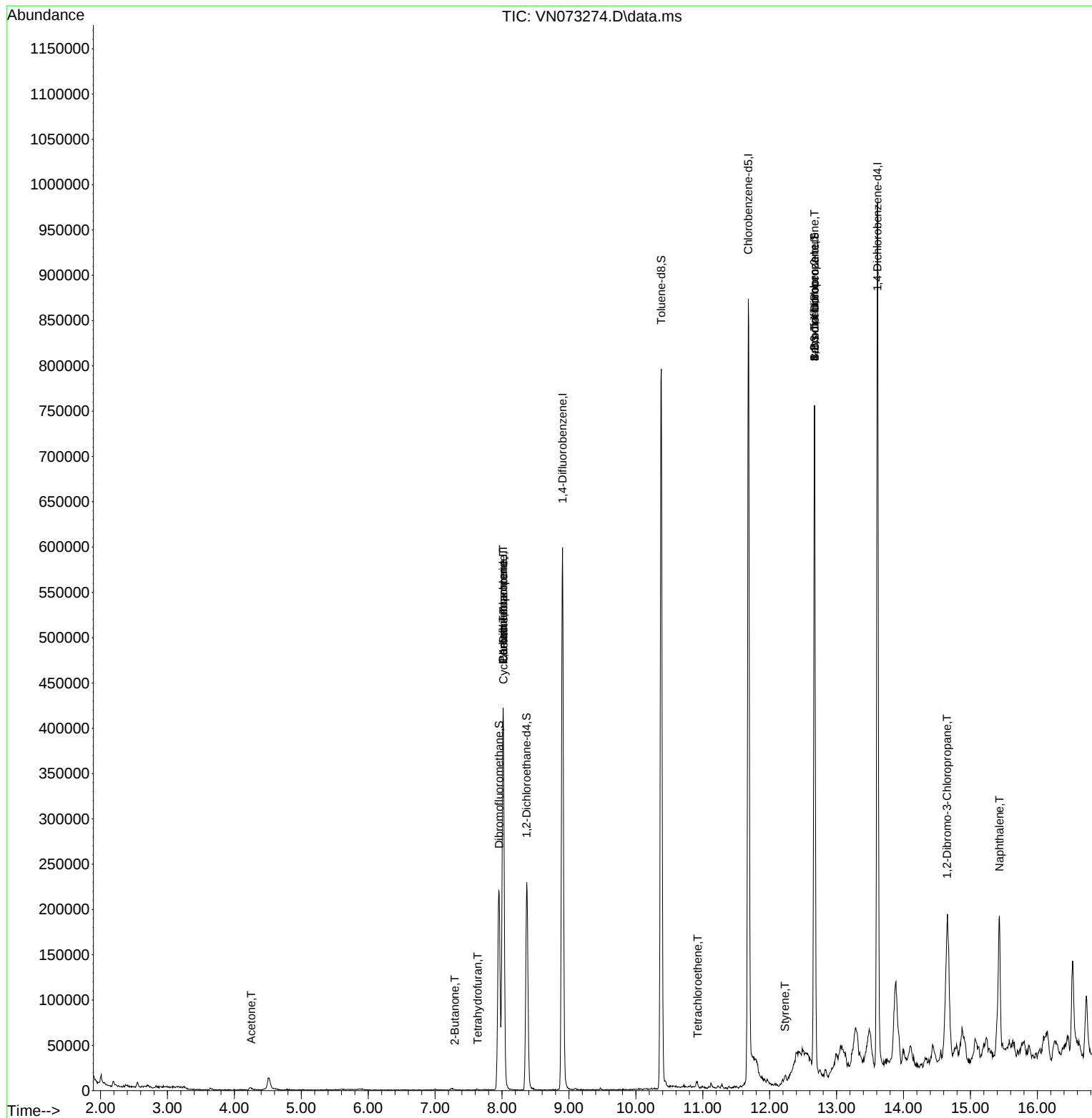
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	323679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	535495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	497611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	249359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196770	42.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.220%
35) Dibromofluoromethane	7.957	113	166756	46.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.381	98	557959	44.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.669	95	254678	52.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.740%
Target Compounds						
					Qvalue	
16) Acetone	4.252	43	5223	1.991	ug/l #	82
25) 2-Butanone	7.293	43	1173	0.281	ug/l #	45
29) Tetrahydrofuran	7.634	42	634	0.222	ug/l #	36
31) Cyclohexane	8.022	56	7176	0.938	ug/l #	26
36) 1,1-Dichloropropene	8.016	75	26216	4.782	ug/l #	48
38) Carbon Tetrachloride	8.016	117	32851	5.795	ug/l #	18
64) Tetrachloroethene	10.922	164	1830	0.450	ug/l #	74
70) Styrene	12.227	104	3751	0.309	ug/l	92
71) Bromoform	12.669	173	1399	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	130923	20.080	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	130923	55.067	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.651	75	14829	8.538	ug/l #	1
95) Naphthalene	15.433	128	157441	8.192	ug/l	97

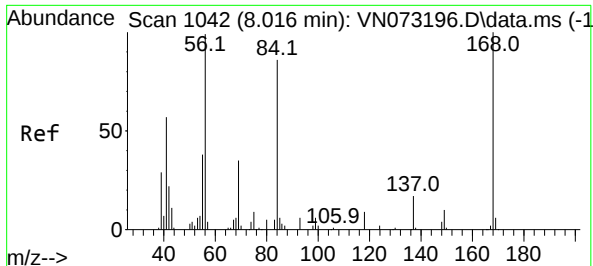
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
Data File : VN073274.D
Acq On : 30 Jun 2022 18:39
Operator : JC\MD
Sample : N3554-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 01 08:09:12 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

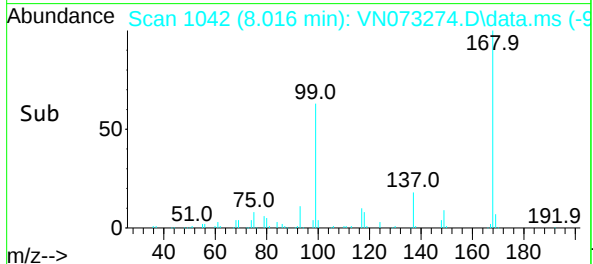
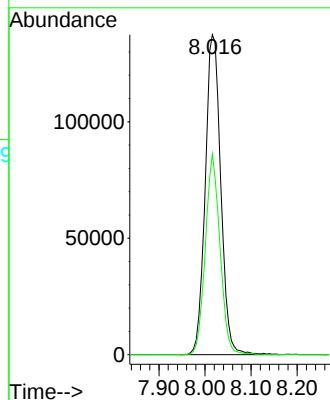
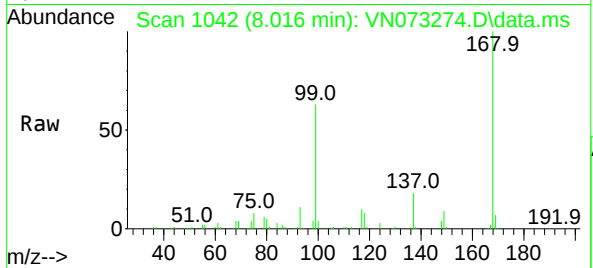




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

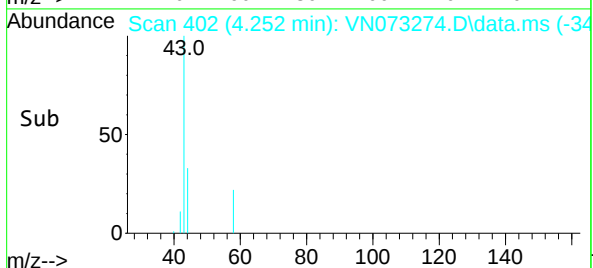
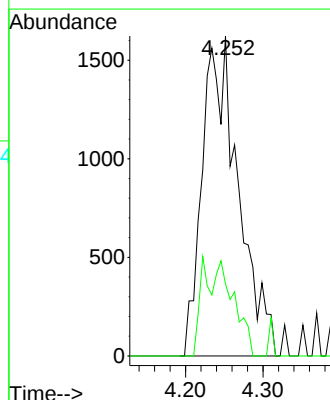
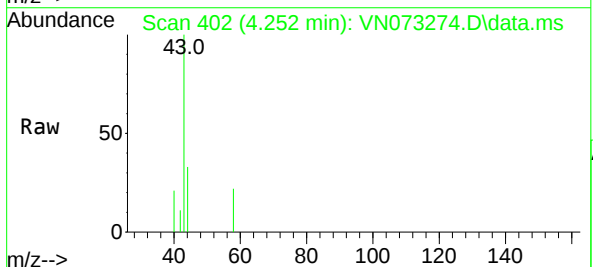
Instrument :
MSVOA_N
ClientSampleId :

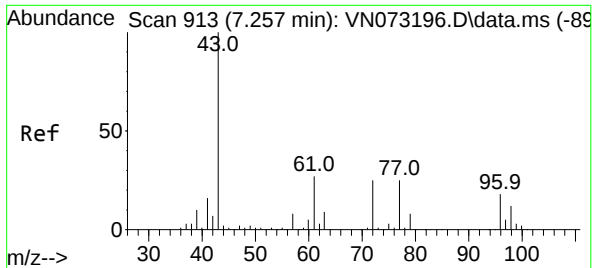
Tgt Ion:168 Resp: 323679
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#16
Acetone
Concen: 1.991 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.030 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

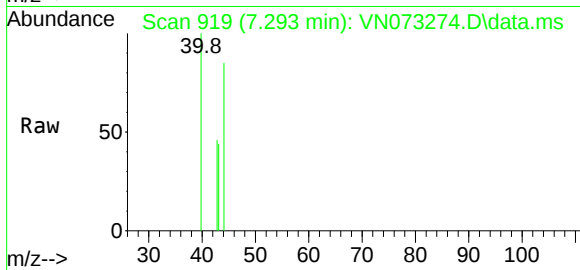
Tgt Ion: 43 Resp: 5223
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#



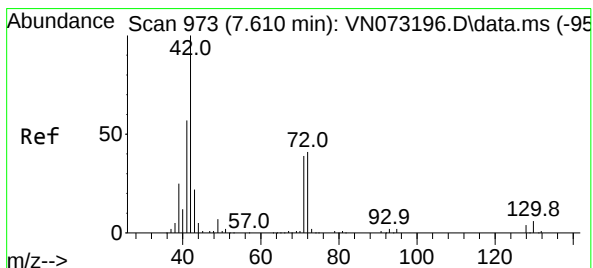
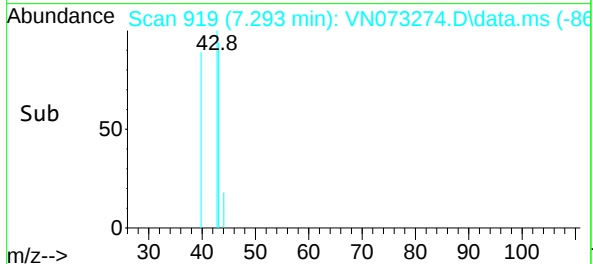
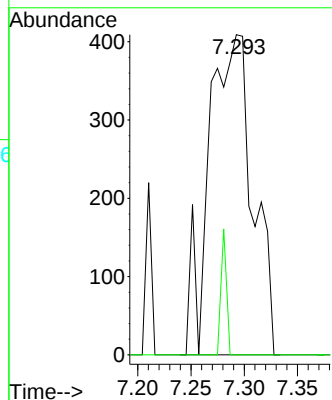


#25
2-Butanone
Concen: 0.281 ug/l
RT: 7.293 min Scan# 913
Delta R.T. 0.036 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Instrument :
MSVOA_N
ClientSampleId :

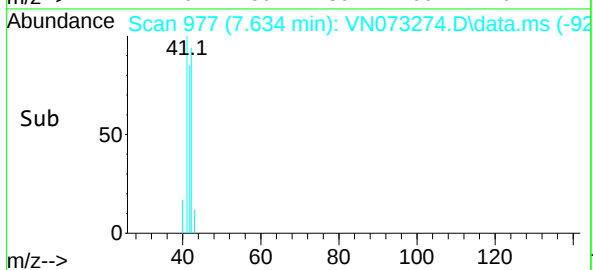
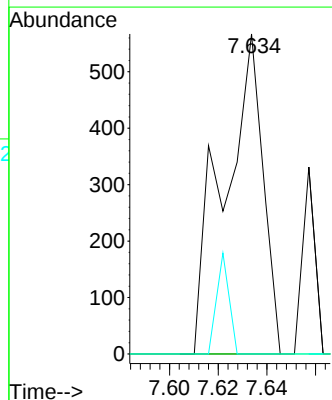
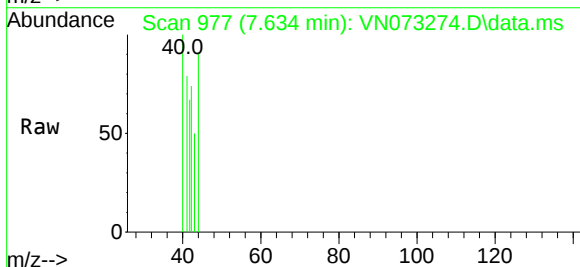


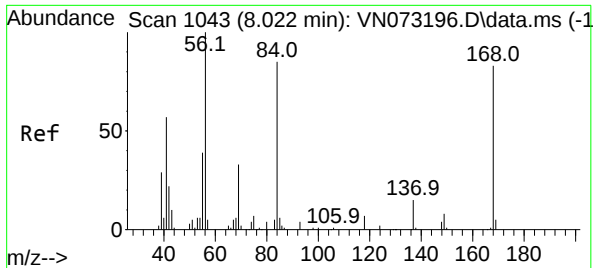
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.222 ug/l
RT: 7.634 min Scan# 977
Delta R.T. 0.024 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

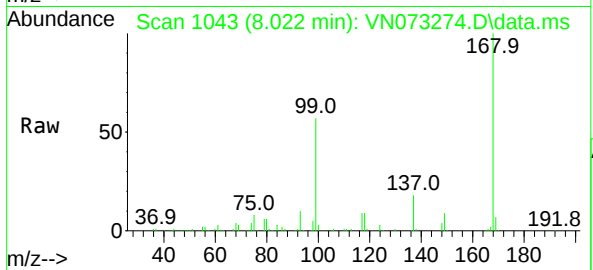
Tgt Ion: 42 Resp: 634
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 9.9 36.6 55.0#



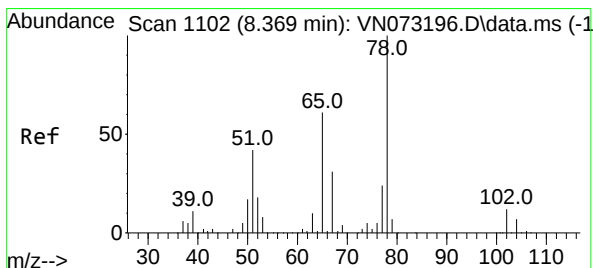
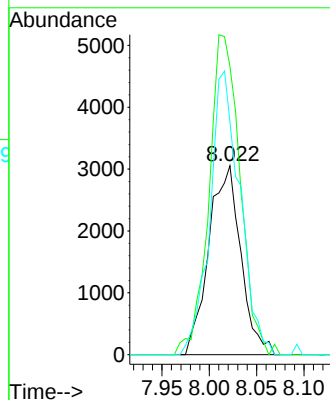
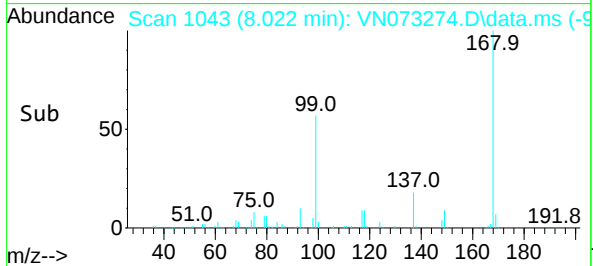


#31
Cyclohexane
Concen: 0.938 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Instrument :
MSVOA_N
ClientSampleId :

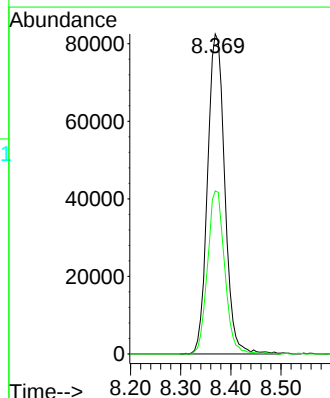
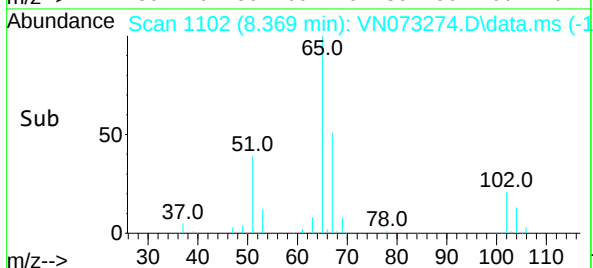
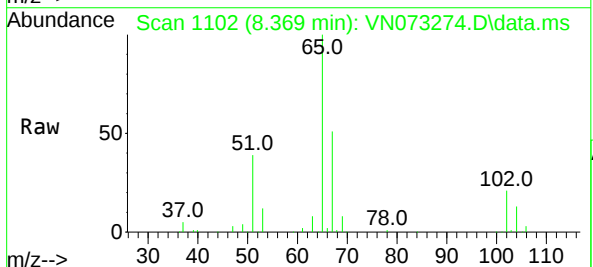


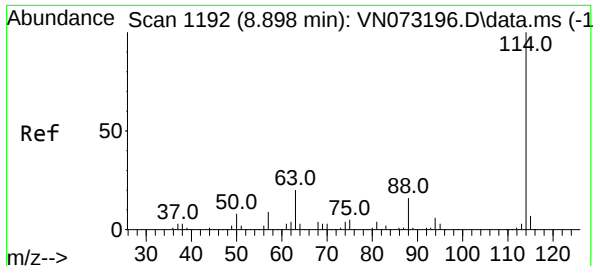
Tgt Ion: 56 Resp: 7176
Ion Ratio Lower Upper
56 100
69 152.5 27.8 41.8#
84 123.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.111 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Tgt Ion: 65 Resp: 196770
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073274.D

Acq: 30 Jun 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

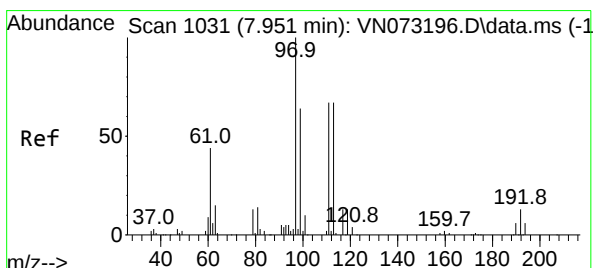
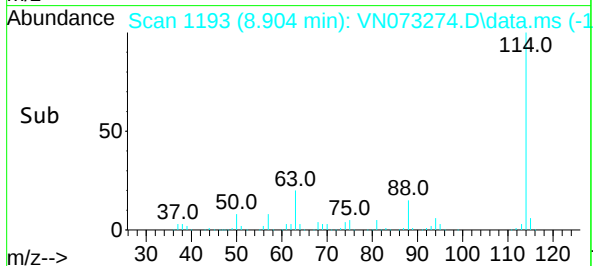
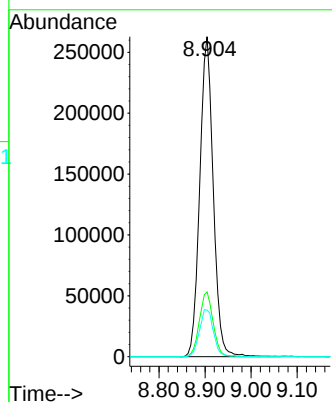
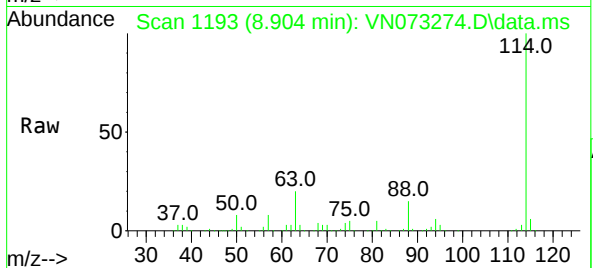
Tgt Ion:114 Resp: 535495

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.806 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073274.D

Acq: 30 Jun 2022 18:39

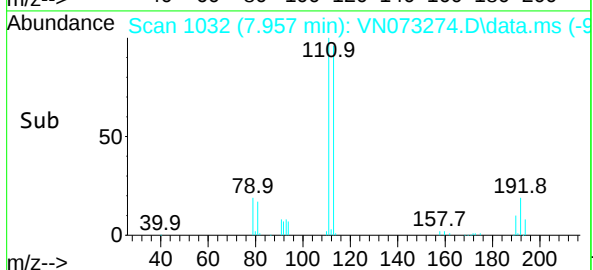
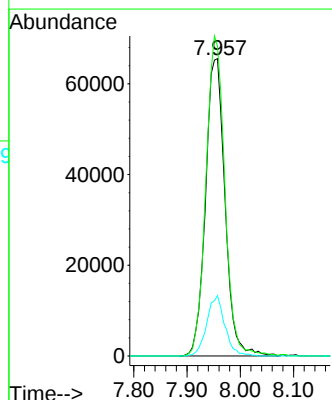
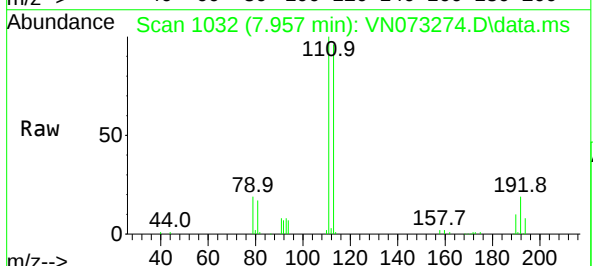
Tgt Ion:113 Resp: 166756

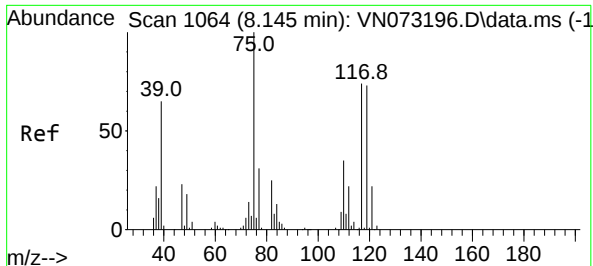
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 18.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.782 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073274.D

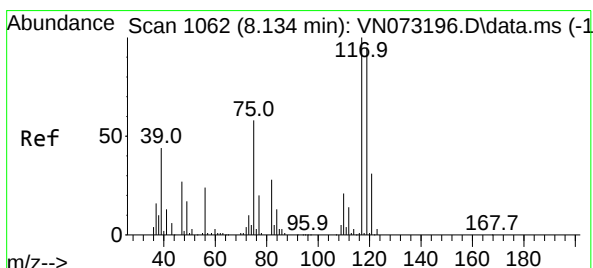
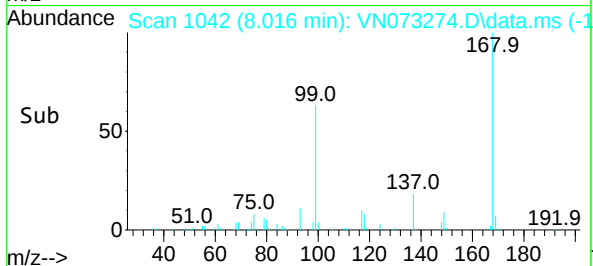
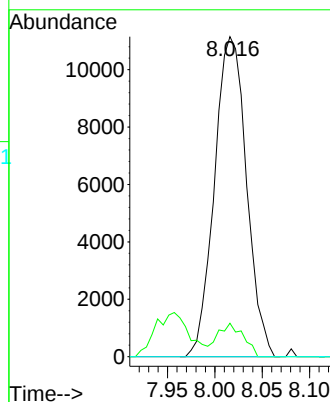
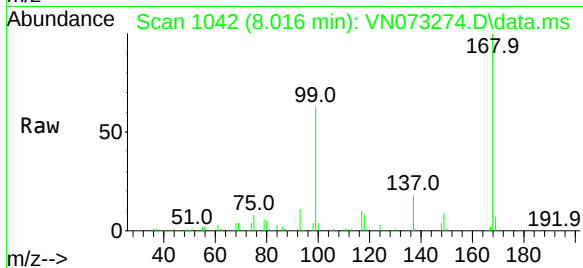
Acq: 30 Jun 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 26216
Ion Ratio	Lower Upper
75	100
110	8.3 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.795 ug/l

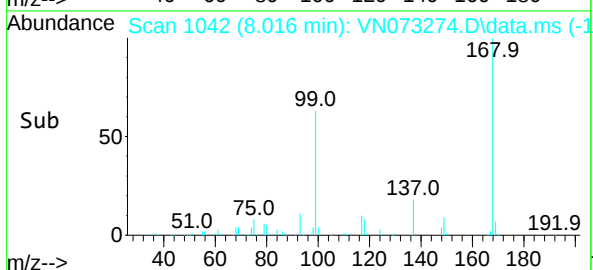
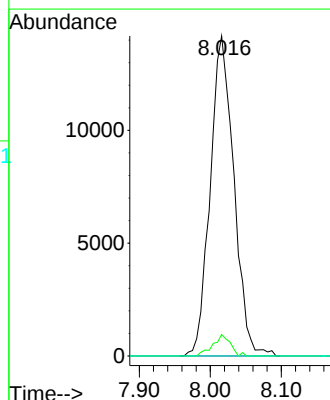
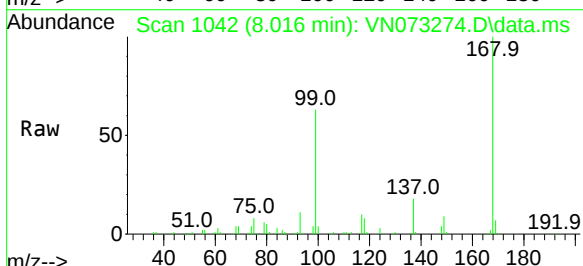
RT: 8.016 min Scan# 1042

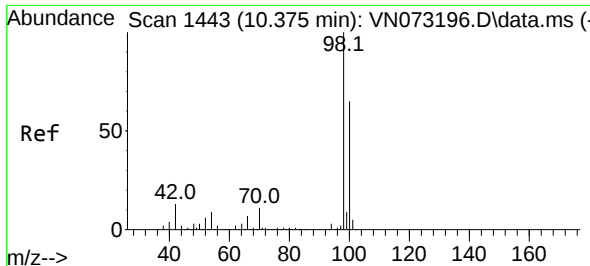
Delta R.T. -0.118 min

Lab File: VN073274.D

Acq: 30 Jun 2022 18:39

Tgt Ion: 117	Resp: 32851
Ion Ratio	Lower Upper
117	100
119	6.7 75.8 113.8#
121	0.0 24.6 37.0#

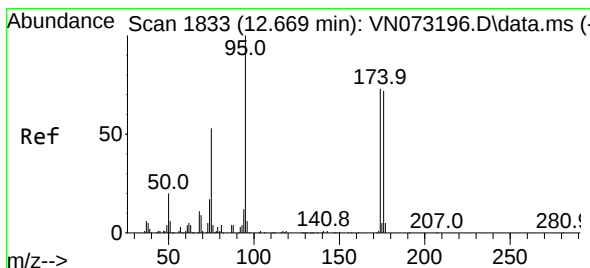
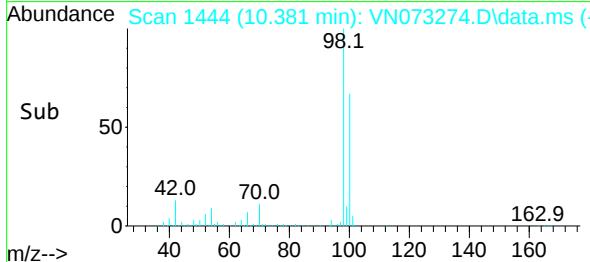
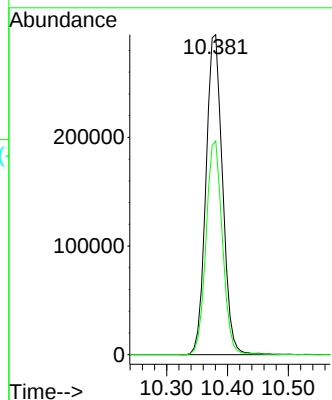
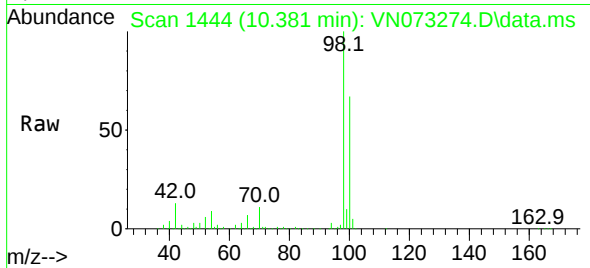




#50
Toluene-d8
Concen: 44.095 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

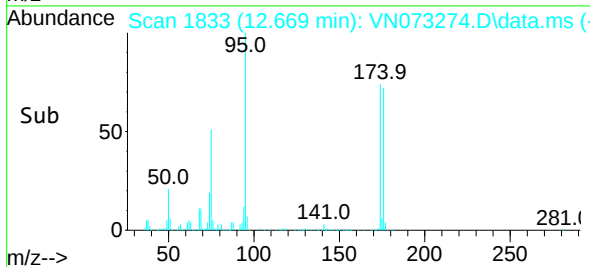
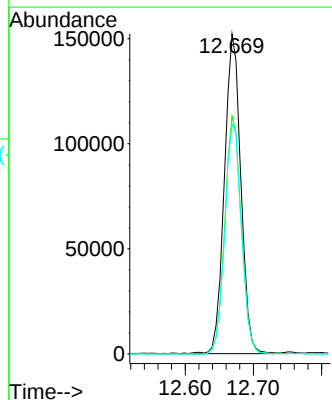
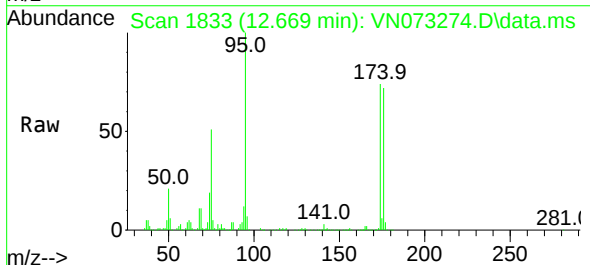
Instrument :
MSVOA_N
ClientSampleId :

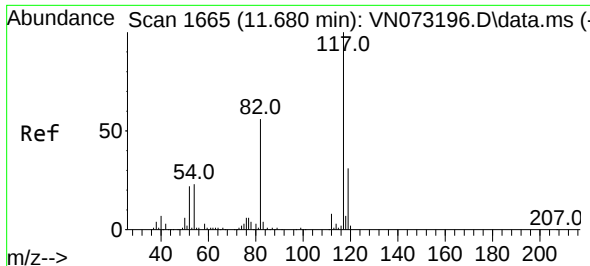
Tgt Ion: 98 Resp: 557959
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.374 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Tgt Ion: 95 Resp: 254678
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 73.0 0.0 163.4

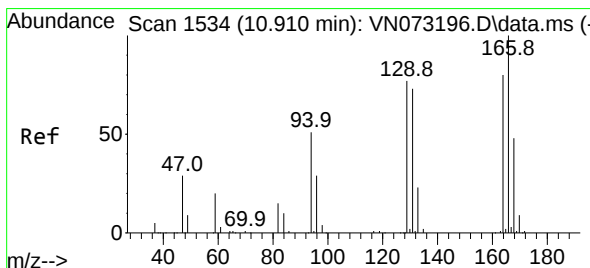
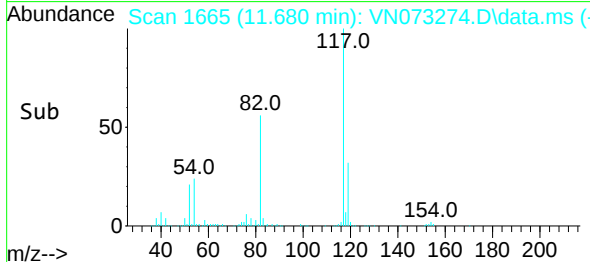
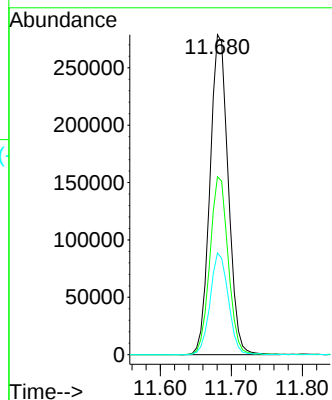
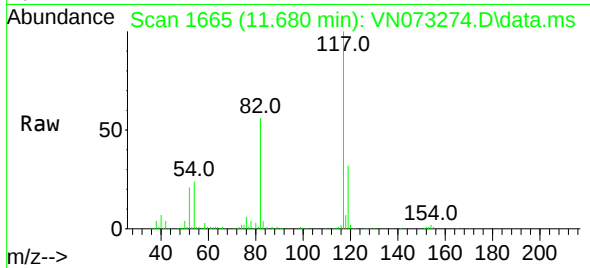




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

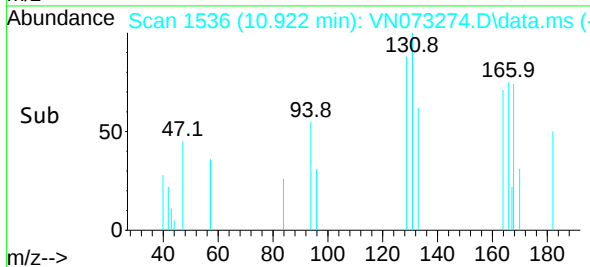
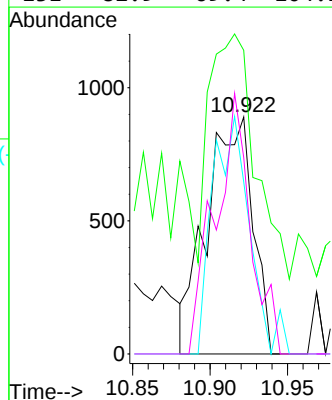
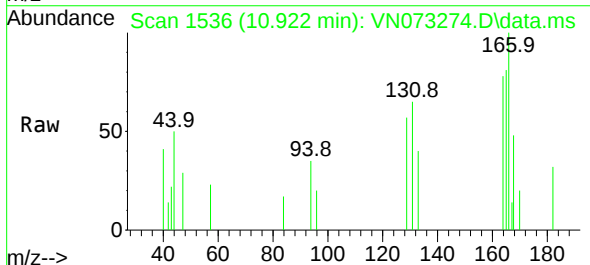
Instrument :
MSVOA_N
ClientSampleId :

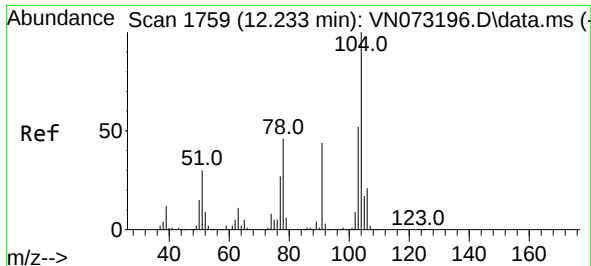
Tgt Ion:117 Resp: 497611
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 0.450 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.012 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Tgt Ion:164 Resp: 1830
Ion Ratio Lower Upper
164 100
166 77.4 104.2 156.2#
129 72.6 73.9 110.9#
131 82.9 69.4 104.2

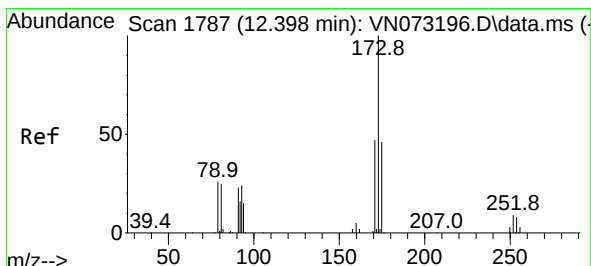
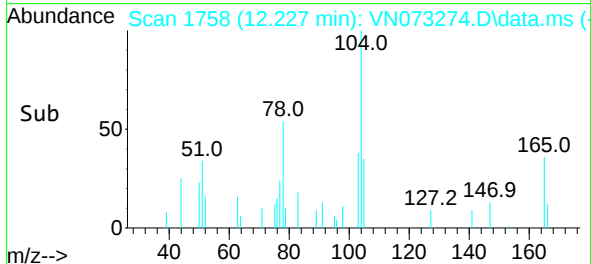
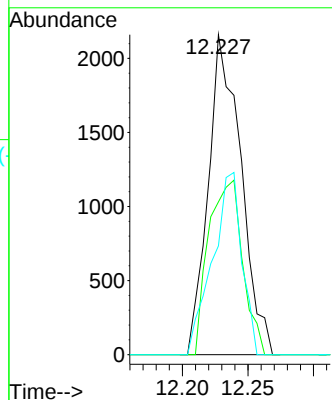
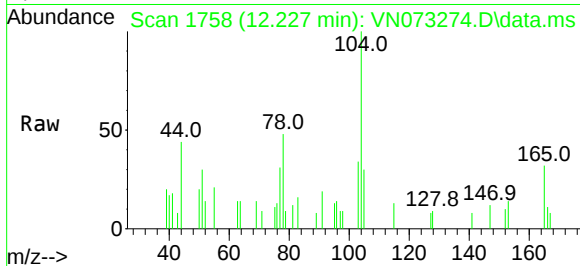




#70
Styrene
Concen: 0.309 ug/l
RT: 12.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

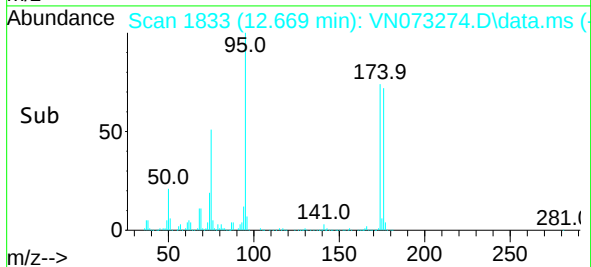
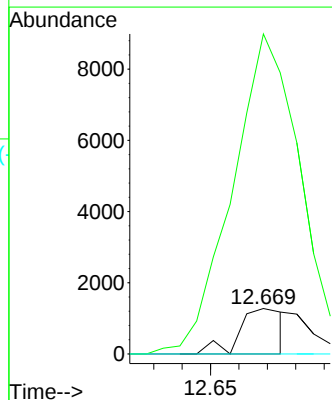
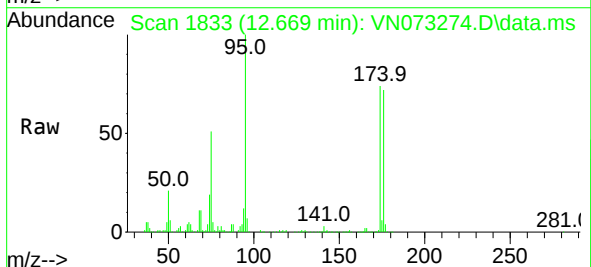
Instrument :
MSVOA_N
ClientSampleId :

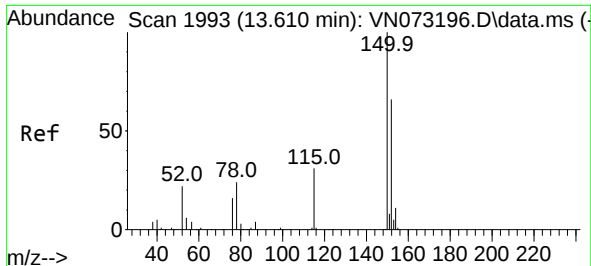
Tgt Ion:104 Resp: 3751
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 50.7 44.0 66.0



#71
Bromoform
Concen: 0.462 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

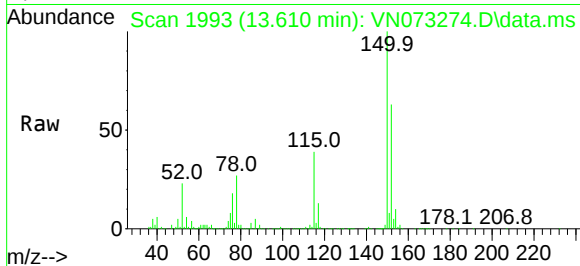
Tgt Ion:173 Resp: 1399
Ion Ratio Lower Upper
173 100
175 804.8 24.6 73.6#
254 0.0 0.1 0.1#



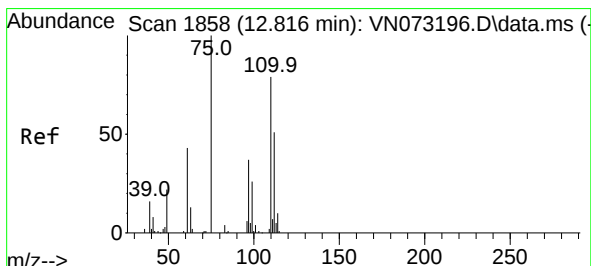
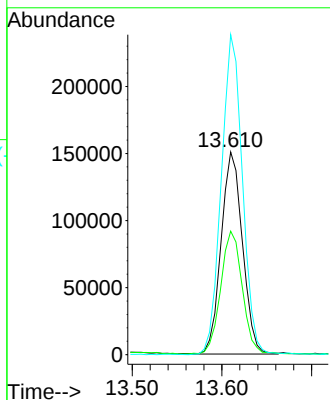
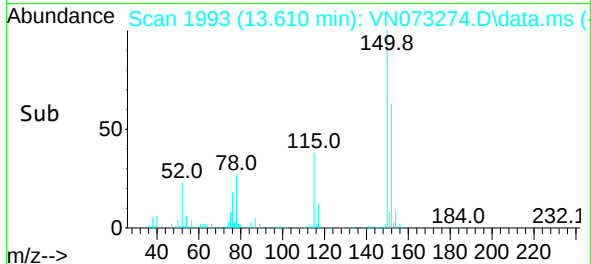


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073274.D
 Acq: 30 Jun 2022 18:39

Instrument :
 MSVOA_N
 ClientSampleId :

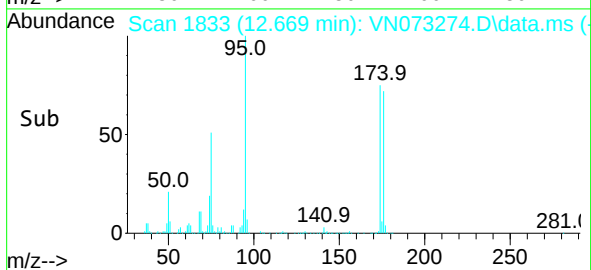
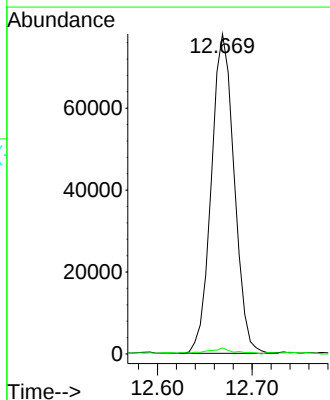
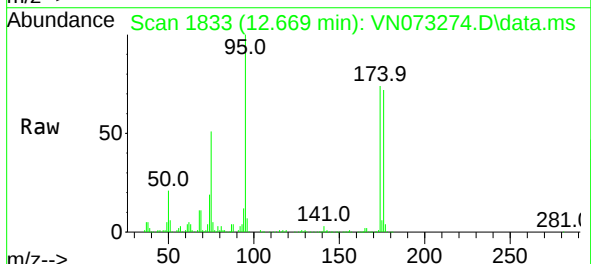


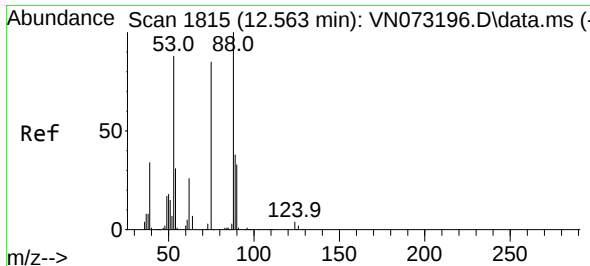
Tgt Ion:152 Resp: 249359
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.9 86.7
 150 157.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.080 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073274.D
 Acq: 30 Jun 2022 18:39

Tgt Ion: 75 Resp: 130923
 Ion Ratio Lower Upper
 75 100
 77 2.2 98.5 295.5#

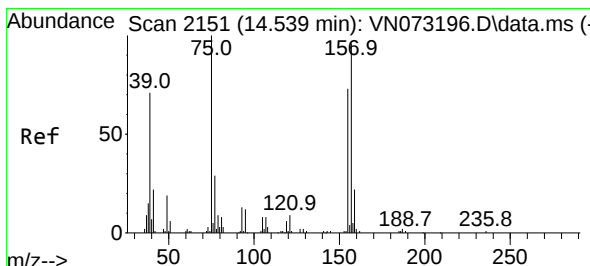
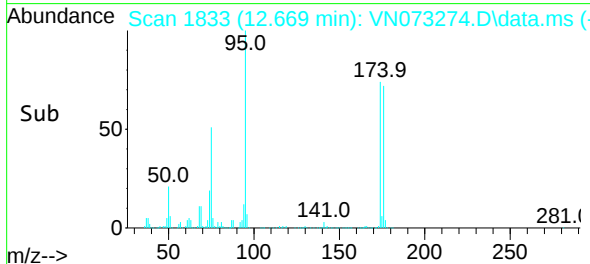
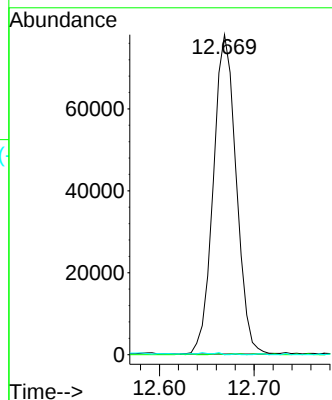
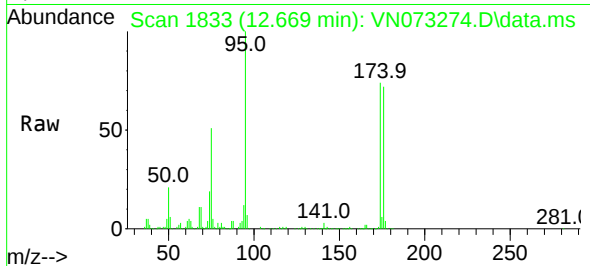




#81
trans-1,4-Dichloro-2-butene
Concen: 55.067 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

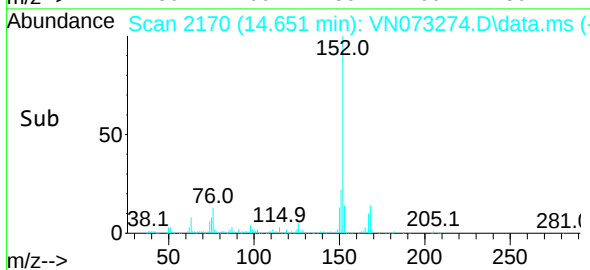
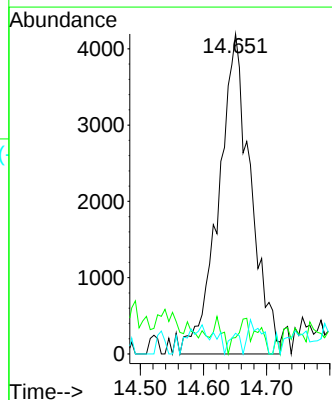
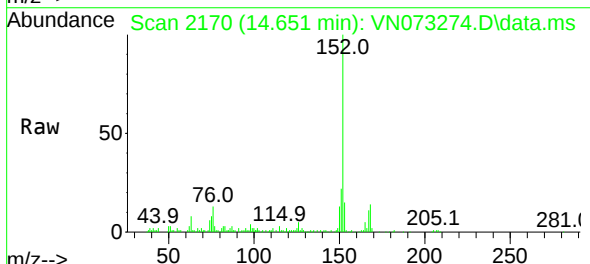
Instrument :
MSVOA_N
ClientSampleId :

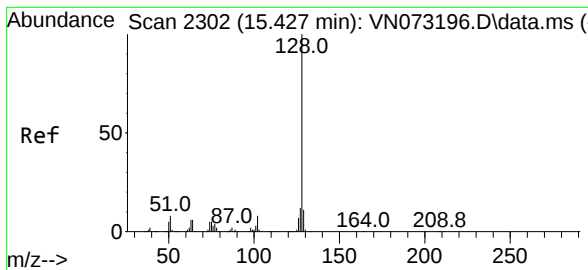
Tgt Ion: 75 Resp: 130923
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.5 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.538 ug/l
RT: 14.651 min Scan# 2170
Delta R.T. 0.112 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

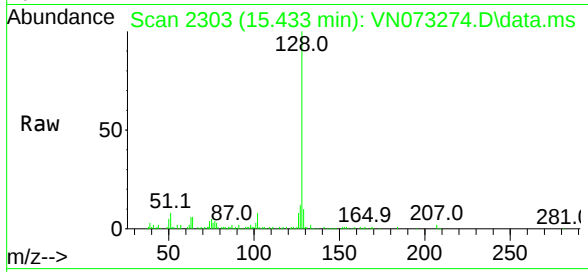
Tgt Ion: 75 Resp: 14829
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 2.1 59.0 176.8#





#95
Naphthalene
Concen: 8.192 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073274.D
Acq: 30 Jun 2022 18:39

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 157441
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.8 8.6 13.0

