

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073273.D
 Acq On : 30 Jun 2022 18:15
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:08:59 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	325058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	512822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	308154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198694	42.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.680%
35) Dibromofluoromethane	7.951	113	163835	46.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.240%
50) Toluene-d8	10.380	98	568321	45.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.668	95	267784	55.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.460%

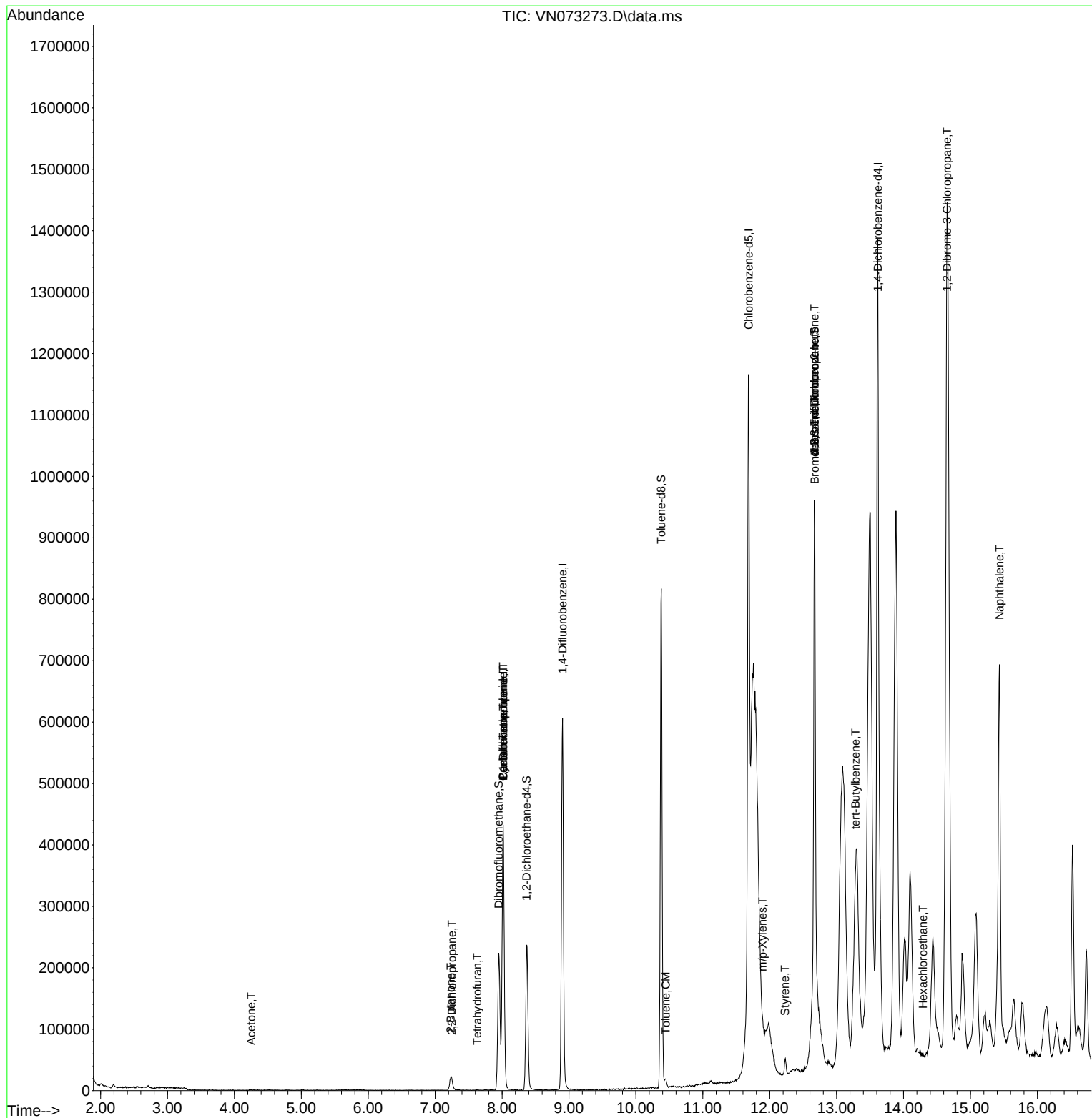
Target Compounds					Qvalue	
16) Acetone	4.251	43	1252	0.475	ug/l	94
25) 2-Butanone	7.233	43	941	0.224	ug/l #	45
26) 2,2-Dichloropropane	7.251	77	1573	0.218	ug/l #	53
29) Tetrahydrofuran	7.628	42	810	0.282	ug/l #	35
31) Cyclohexane	8.016	56	7246	0.943	ug/l #	22
36) 1,1-Dichloropropene	8.016	75	26724	4.889	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33449	5.918	ug/l #	17
52) Toluene	10.445	92	4977	0.477	ug/l	91
68) m/p-Xylenes	11.892	106	3998	0.503	ug/l	79
70) Styrene	12.227	104	12413	0.991	ug/l	98
76) 1,2,3-Trichloropropane	12.668	75	152674	18.948	ug/l #	1
77) Bromobenzene	12.674	156	192258	31.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	152674	51.964	ug/l #	11
83) tert-Butylbenzene	13.280	119	9727	0.500	ug/l #	1
90) Hexachloroethane	14.292	117	807	0.205	ug/l	65
92) 1,2-Dibromo-3-Chloropr...	14.651	75	127489	59.401	ug/l #	1
95) Naphthalene	15.433	128	654782	27.570	ug/l	99

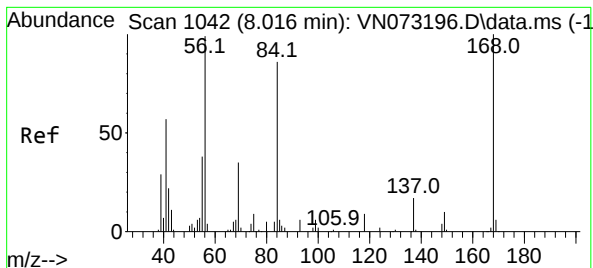
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
Data File : VN073273.D
Acq On : 30 Jun 2022 18:15
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 01 08:08:59 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

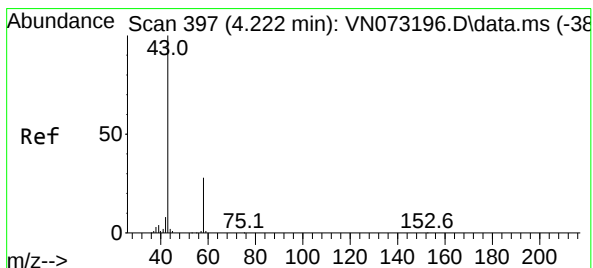
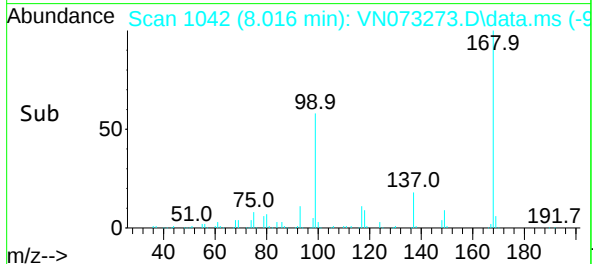
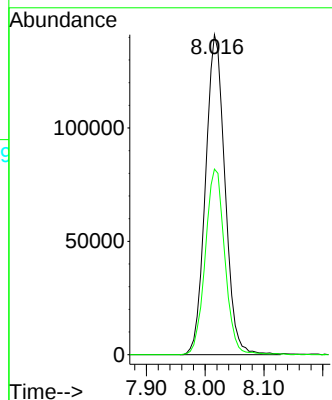
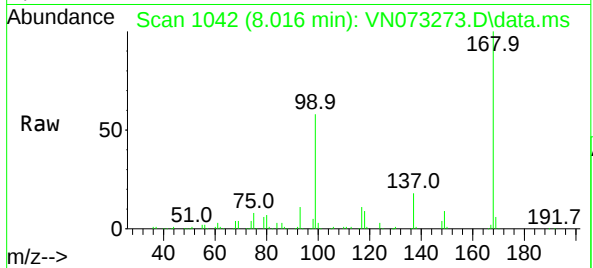




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

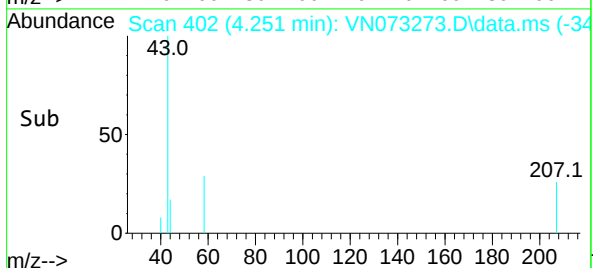
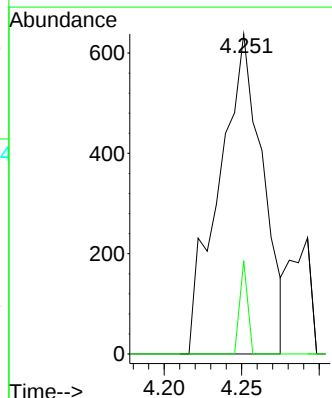
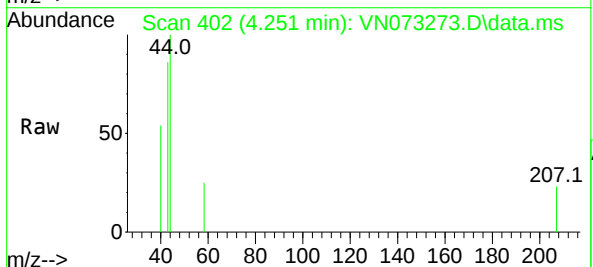
Instrument :
MSVOA_N
ClientSampleId :

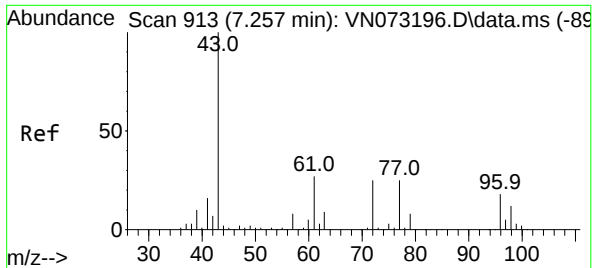
Tgt Ion:168 Resp: 325058
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#16
Acetone
Concen: 0.475 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0

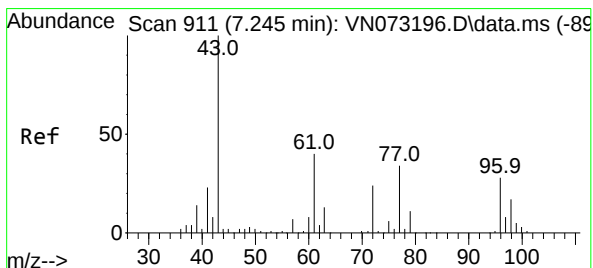
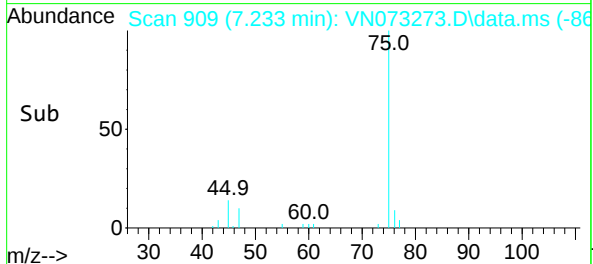
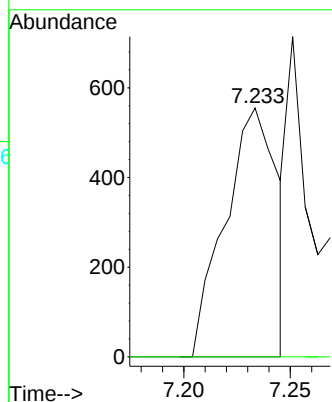
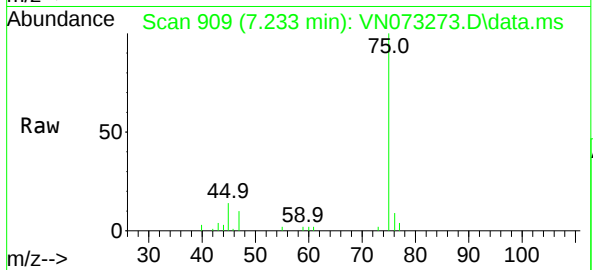




#25
2-Butanone
Concen: 0.224 ug/l
RT: 7.233 min Scan# 909
Delta R.T. -0.024 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

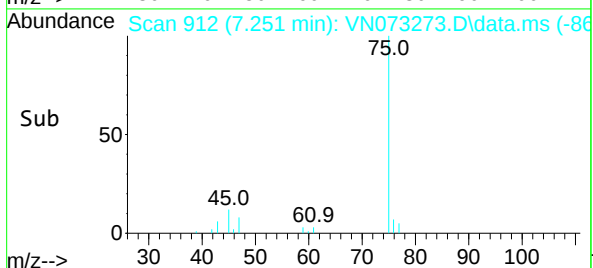
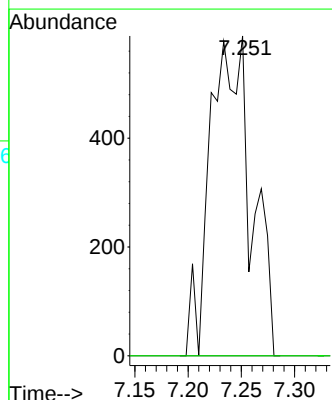
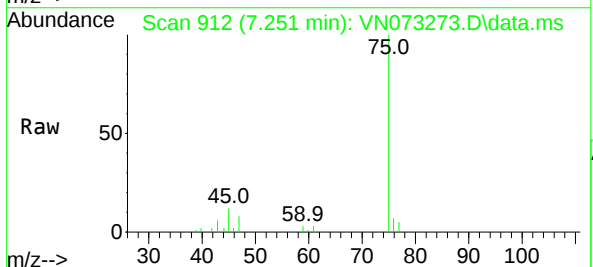
Instrument :
MSVOA_N
ClientSampleId :

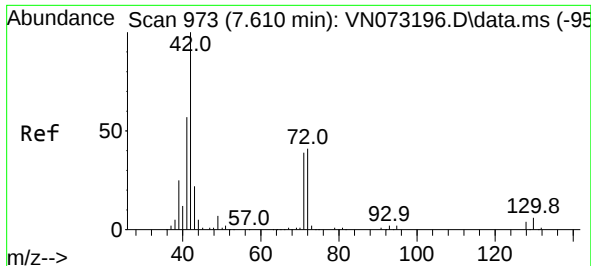
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.218 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Tgt Ion: 77 Resp: 1573
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.282 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073273.D

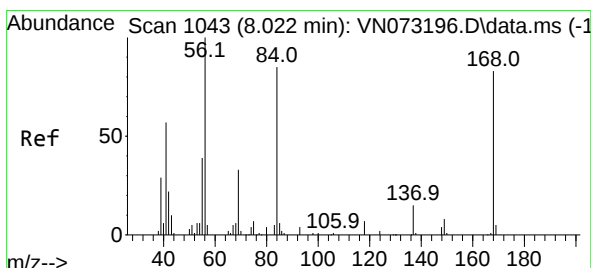
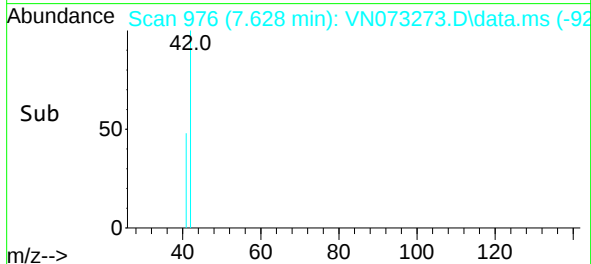
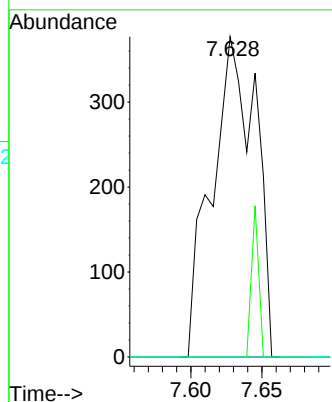
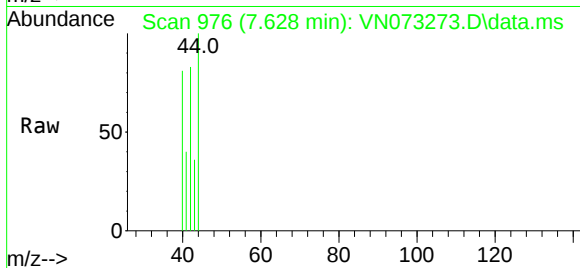
Acq: 30 Jun 2022 18:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 810
Ion Ratio	Lower Upper
42 100	
72 7.8	39.7 59.5#
71 0.0	36.6 55.0#



#31

Cyclohexane

Concen: 0.943 ug/l

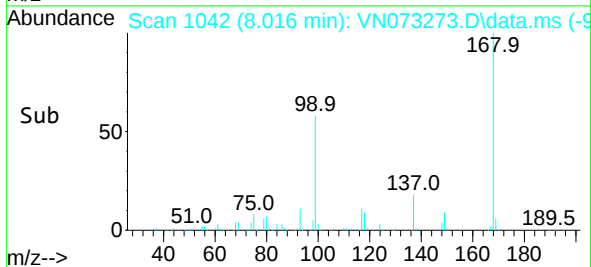
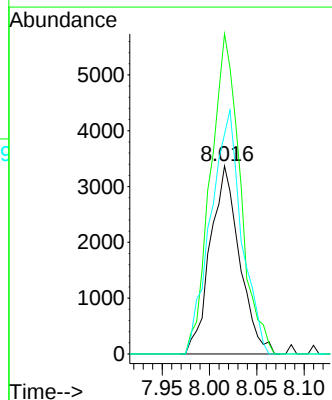
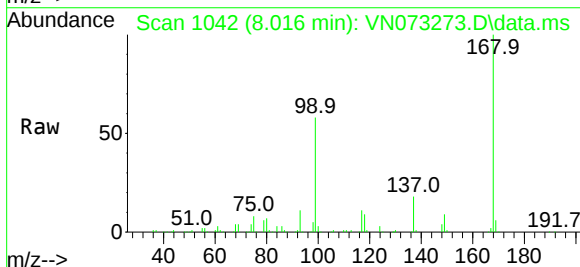
RT: 8.016 min Scan# 1042

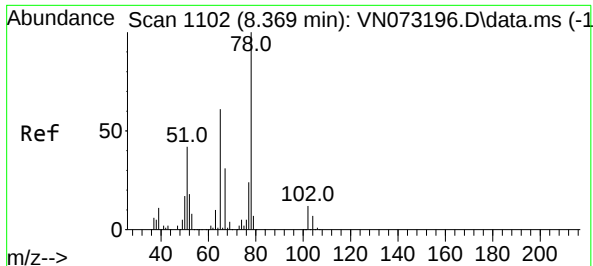
Delta R.T. -0.006 min

Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

Tgt Ion: 56	Resp: 7246
Ion Ratio	Lower Upper
56 100	
69 170.1	27.8 41.8#
84 116.8	76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.342 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

Instrument :

MSVOA_N

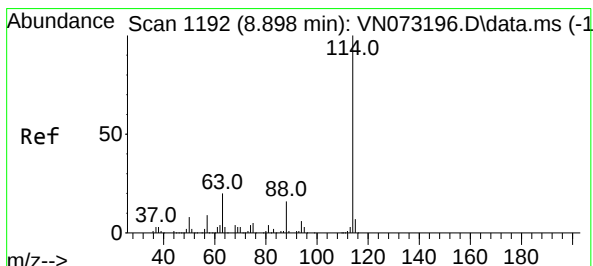
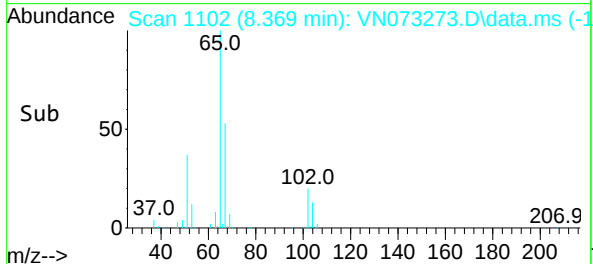
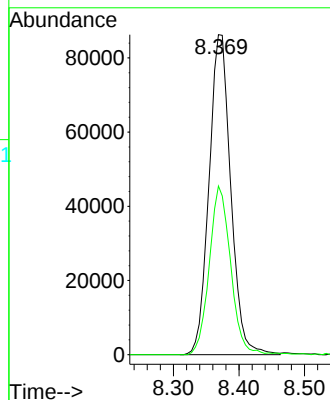
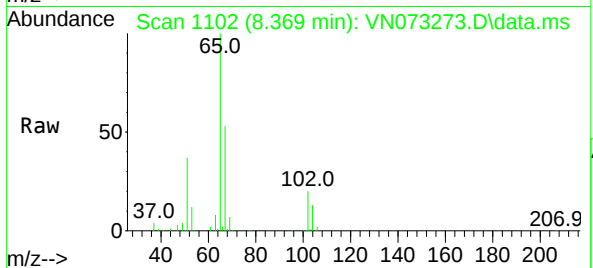
ClientSampleId :

Tgt Ion: 65 Resp: 198694

Ion Ratio Lower Upper

65 100

67 51.9 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: VN073273.D

Acq: 30 Jun 2022 18:15

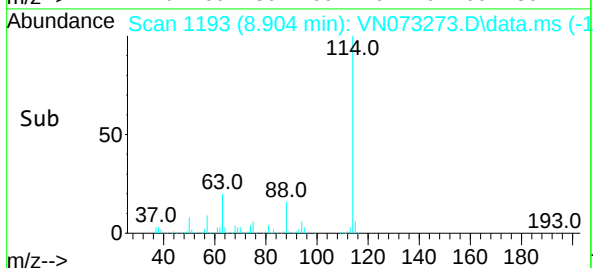
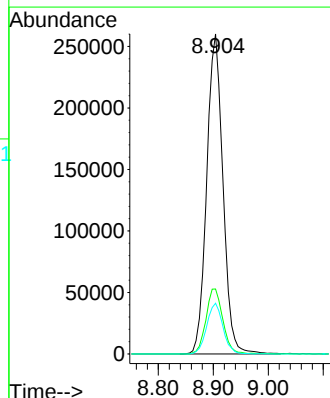
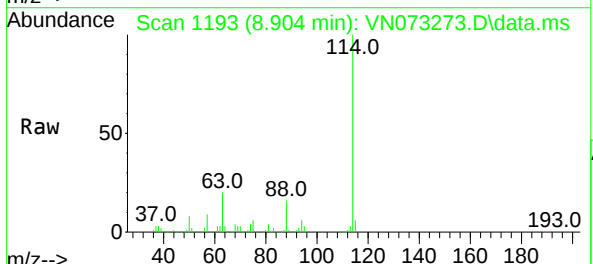
Tgt Ion: 114 Resp: 533898

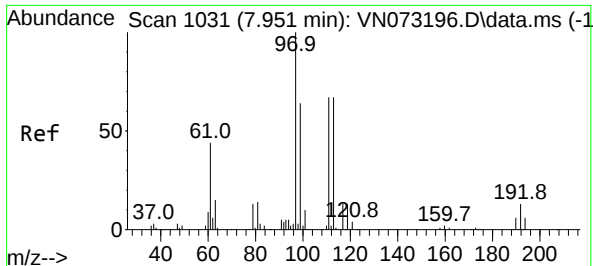
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.123 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

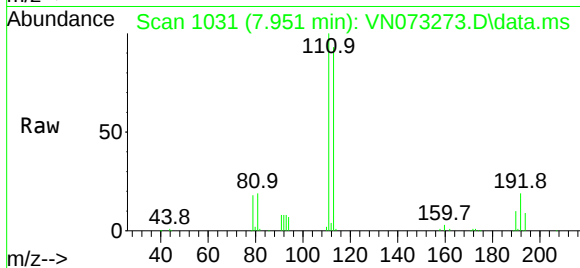
Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

Instrument :

MSVOA_N

ClientSampleId :



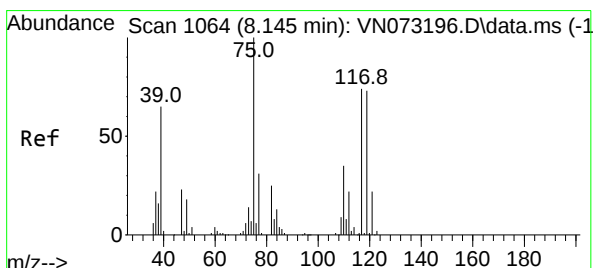
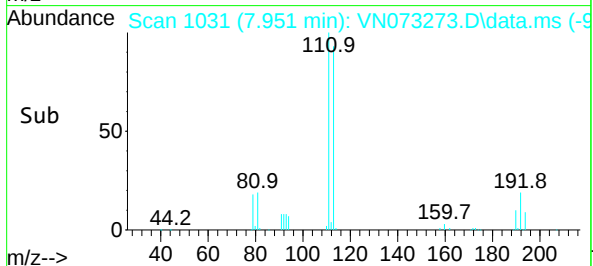
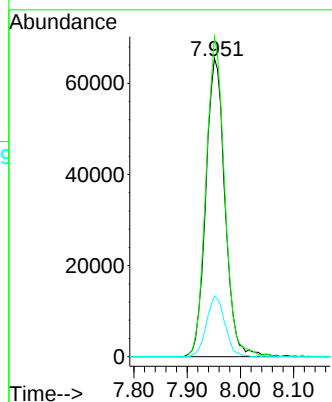
Tgt Ion:113 Resp: 163835

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

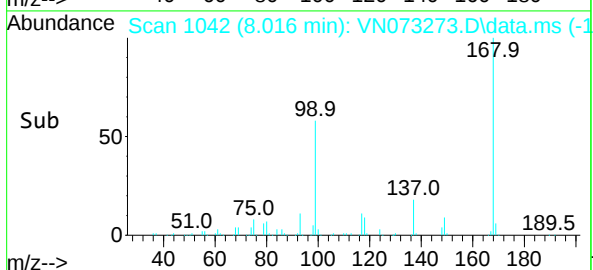
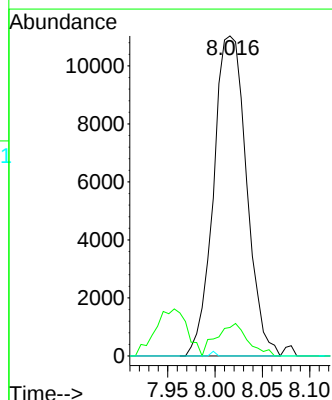
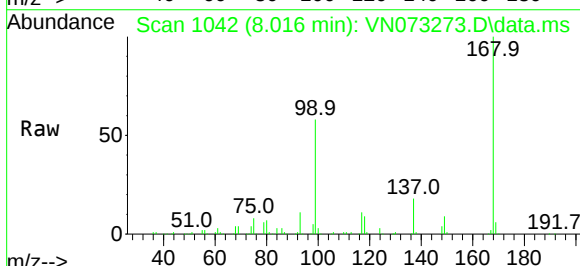
Tgt Ion: 75 Resp: 26724

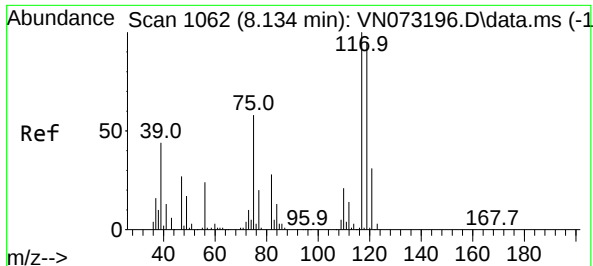
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

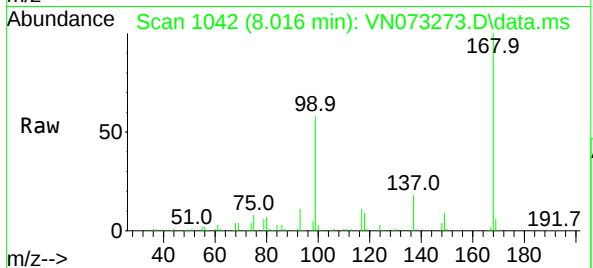
77 0.0 25.1 37.7#



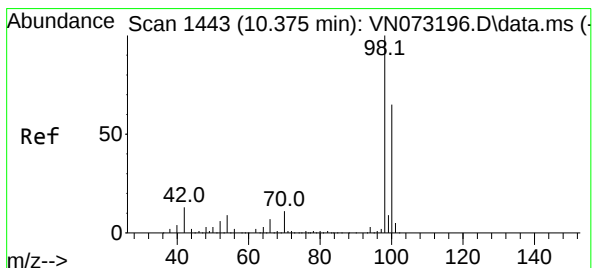
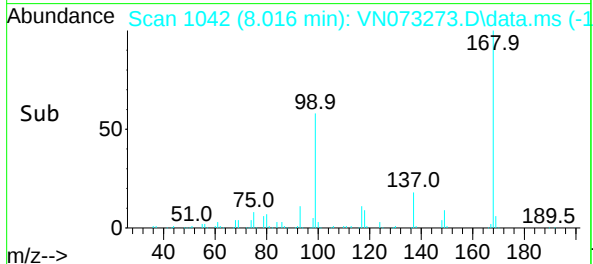
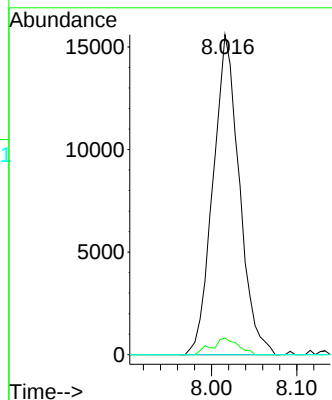


#38
Carbon Tetrachloride
Concen: 5.918 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Instrument :
MSVOA_N
ClientSampleId :

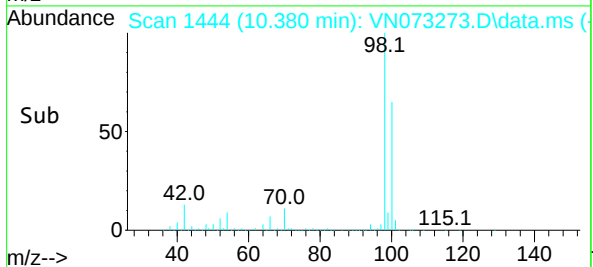
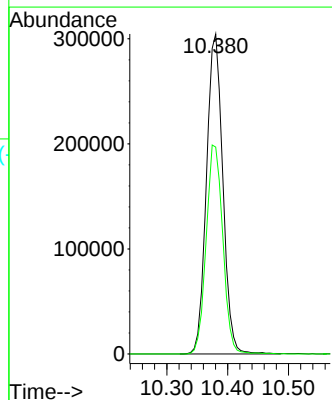
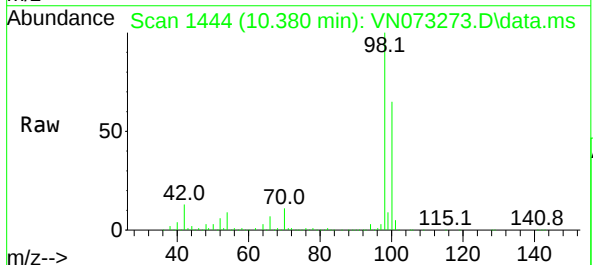


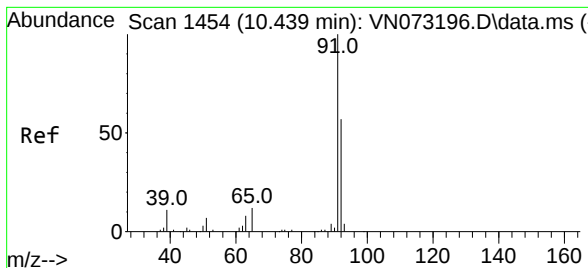
Tgt Ion:117 Resp: 33449
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.048 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Tgt Ion: 98 Resp: 568321
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#52

Toluene

Concen: 0.477 ug/l

RT: 10.445 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

Instrument :

MSVOA_N

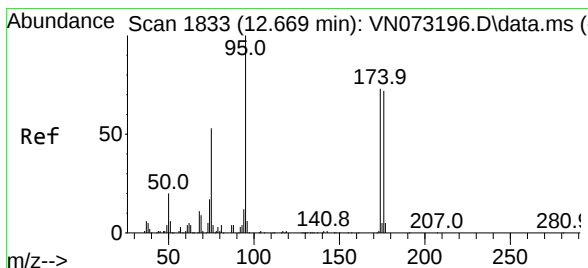
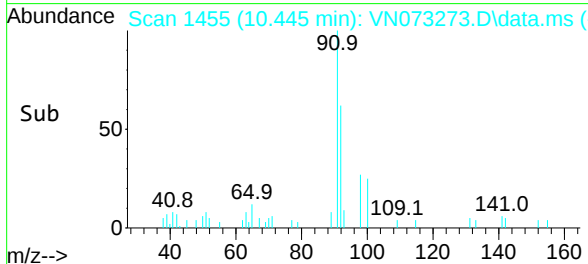
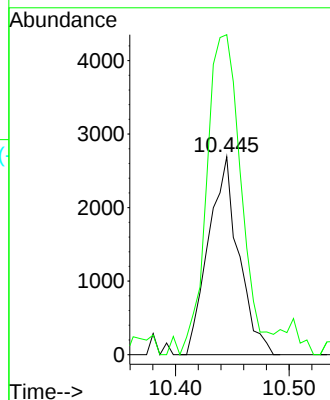
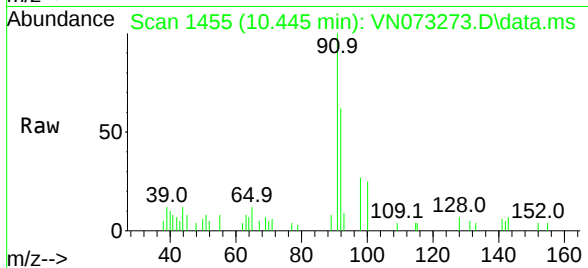
ClientSampleId :

Tgt Ion: 92 Resp: 4977

Ion Ratio Lower Upper

92 100

91 185.8 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 55.233 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073273.D

Acq: 30 Jun 2022 18:15

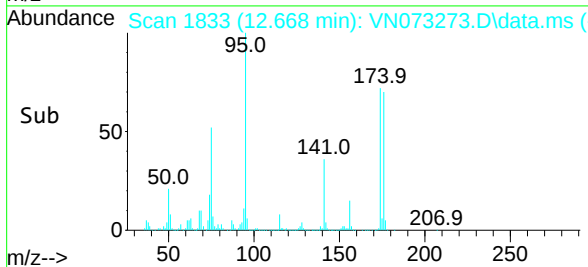
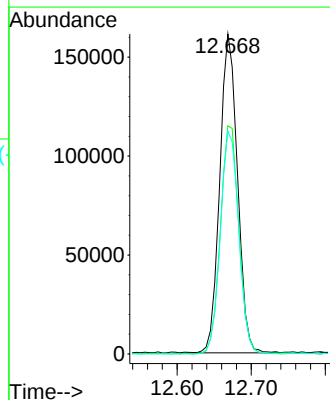
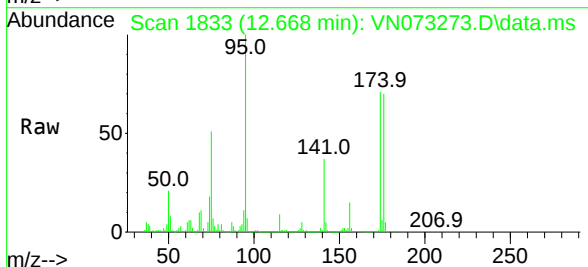
Tgt Ion: 95 Resp: 267784

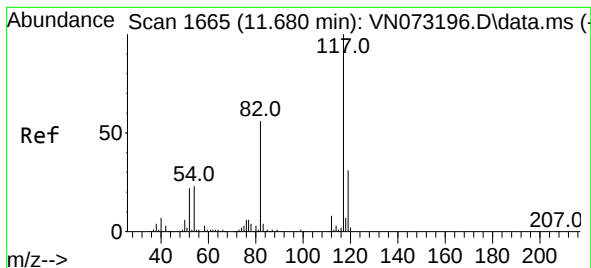
Ion Ratio Lower Upper

95 100

174 74.5 0.0 167.6

176 72.6 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: VN073273.D

Acq: 30 Jun 2022 18:15

Instrument :

MSVOA_N

ClientSampleId :

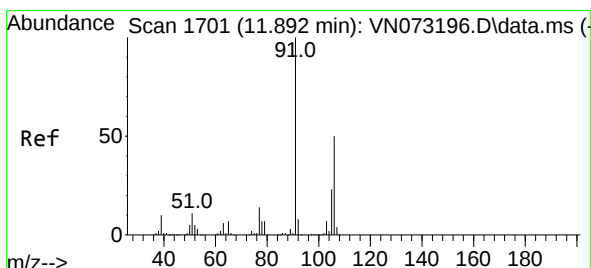
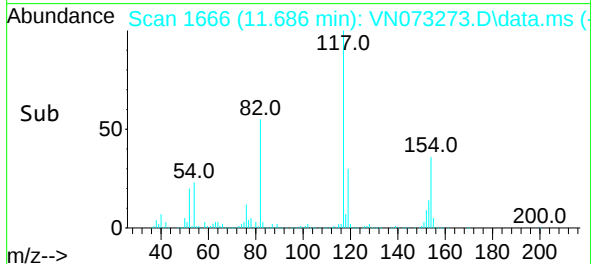
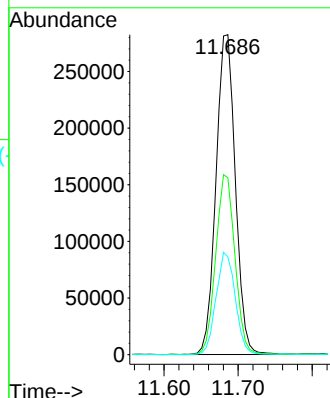
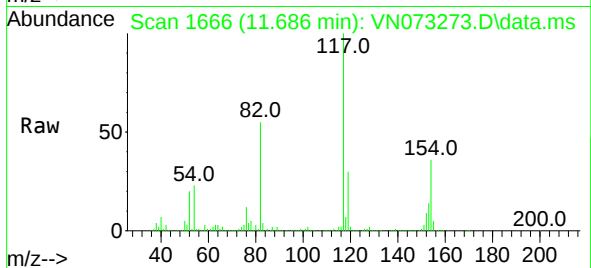
Tgt Ion:117 Resp: 512822

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

119 30.5 25.4 38.0



#68

m/p-Xylenes

Concen: 0.503 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073273.D

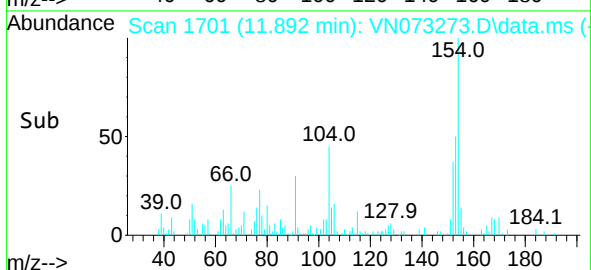
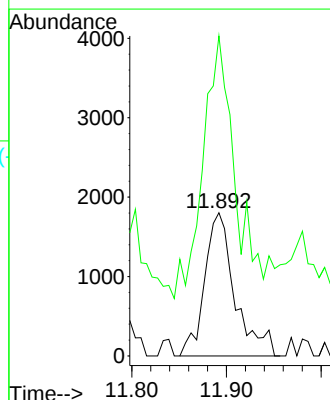
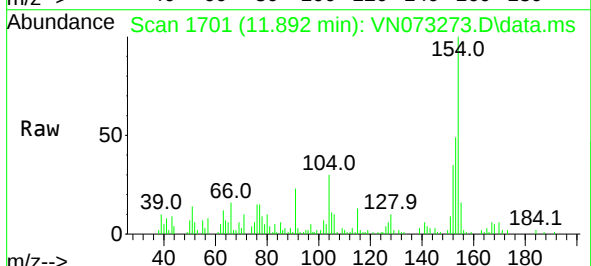
Acq: 30 Jun 2022 18:15

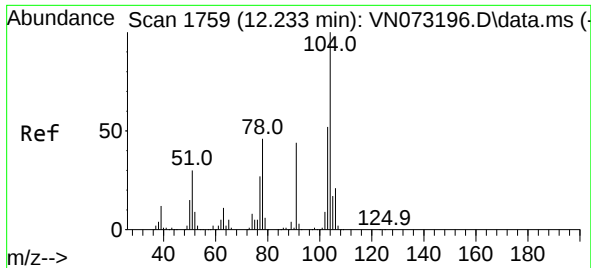
Tgt Ion:106 Resp: 3998

Ion Ratio Lower Upper

106 100

91 230.8 158.9 238.3

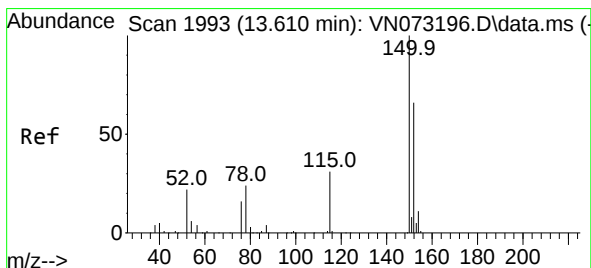
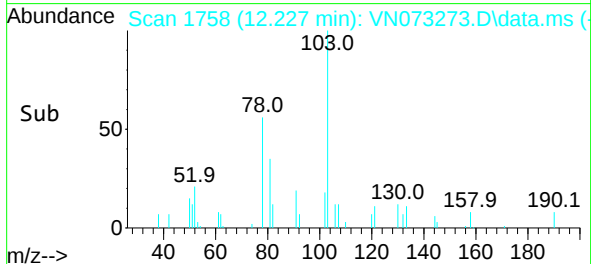
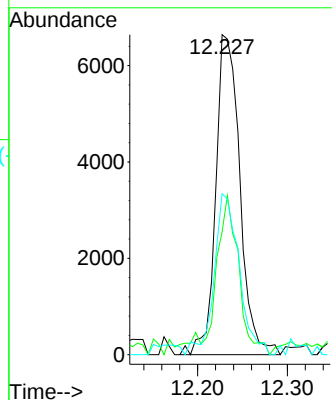
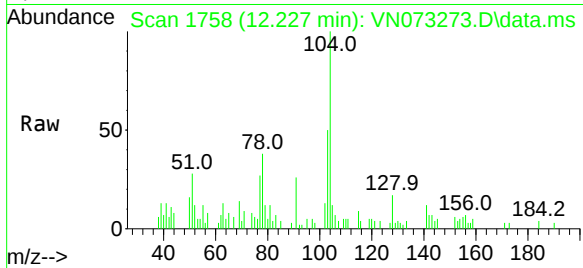




#70
Styrene
Concen: 0.991 ug/l
RT: 12.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

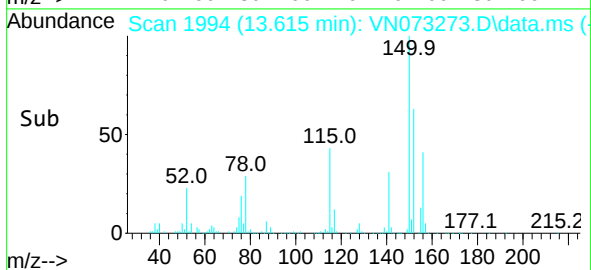
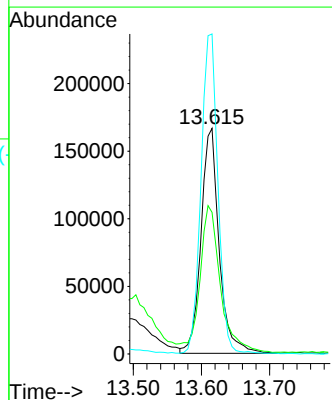
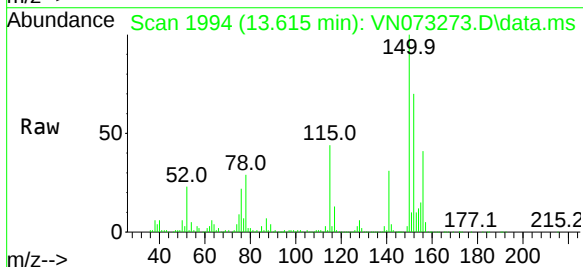
Instrument :
MSVOA_N
ClientSampleId :

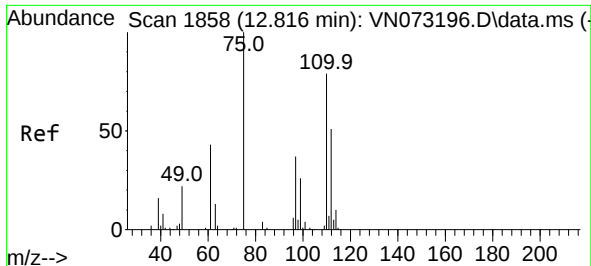
Tgt Ion:104 Resp: 12413
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 52.3 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Tgt Ion:152 Resp: 308154
Ion Ratio Lower Upper
152 100
115 73.0 28.9 86.7
150 132.4 0.0 356.2

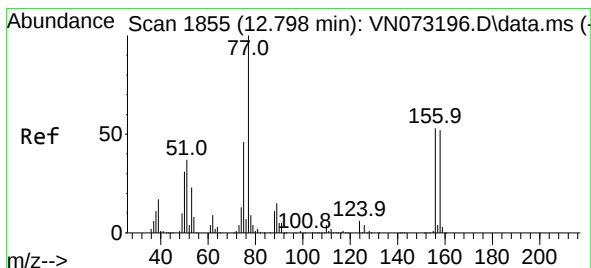
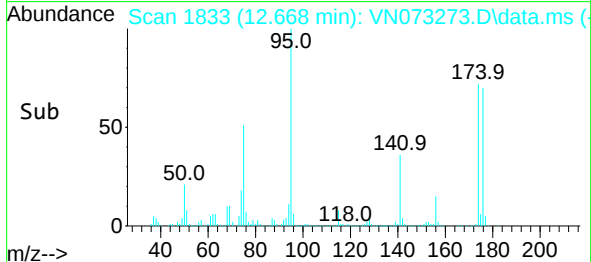
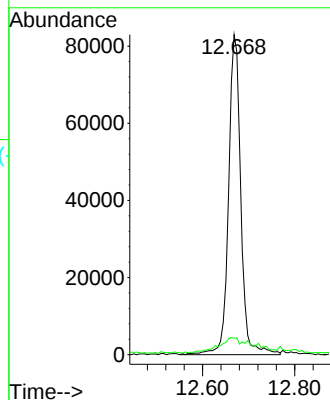
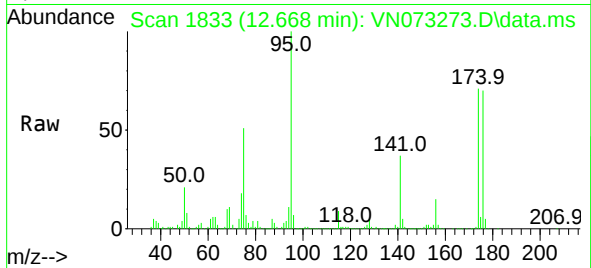




#76
1,2,3-Trichloropropane
Concen: 18.948 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

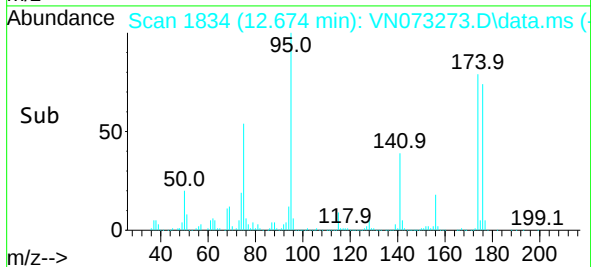
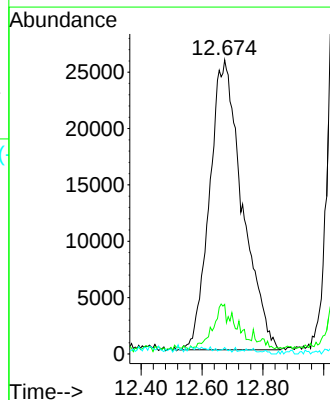
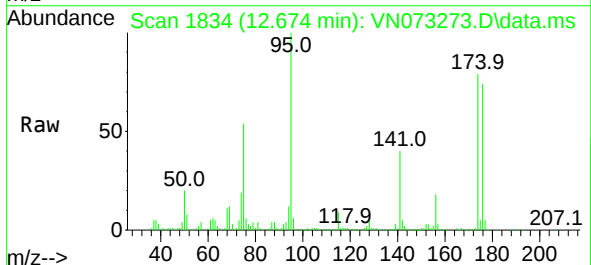
Instrument :
MSVOA_N
ClientSampleId :

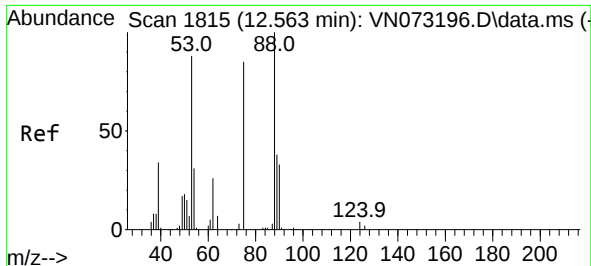
Tgt Ion: 75 Resp: 152674
Ion Ratio Lower Upper
75 100
77 9.4 98.5 295.5#



#77
Bromobenzene
Concen: 31.075 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.124 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

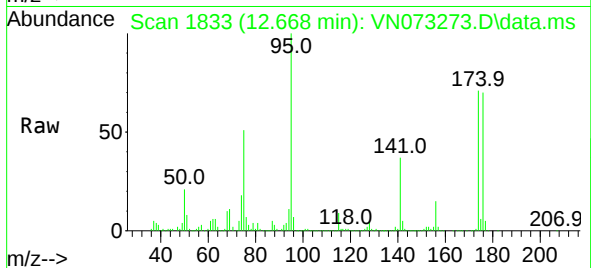
Tgt Ion:156 Resp: 192258
Ion Ratio Lower Upper
156 100
77 7.5 100.5 301.5#
158 0.3 48.9 146.6#



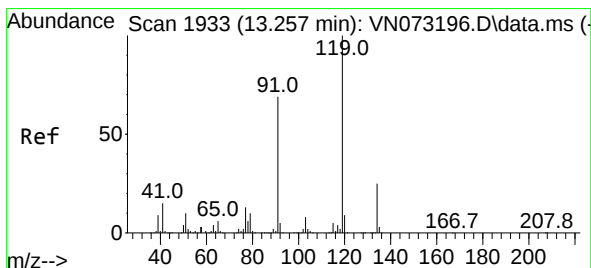
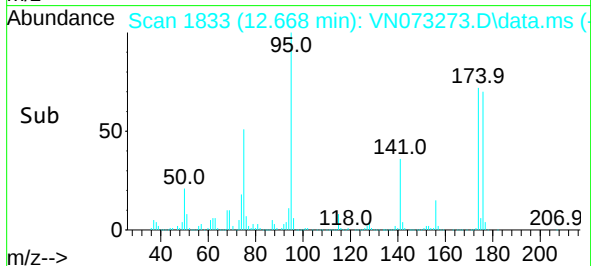
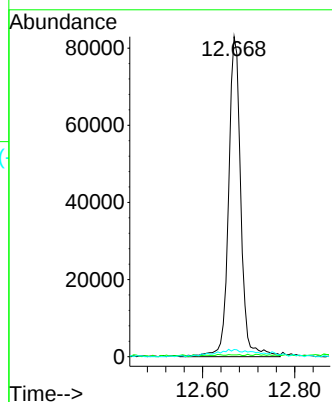


#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.964 ug/l
 RT: 12.668 min Scan# 1815
 Delta R.T. 0.105 min
 Lab File: VN073273.D
 Acq: 30 Jun 2022 18:15

Instrument :
 MSVOA_N
 ClientSampleId :

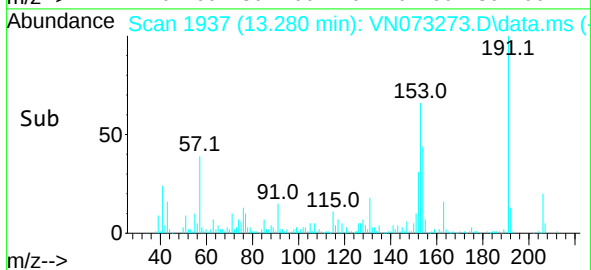
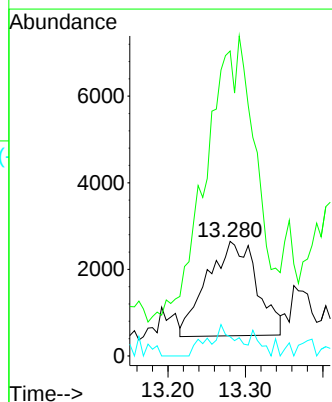
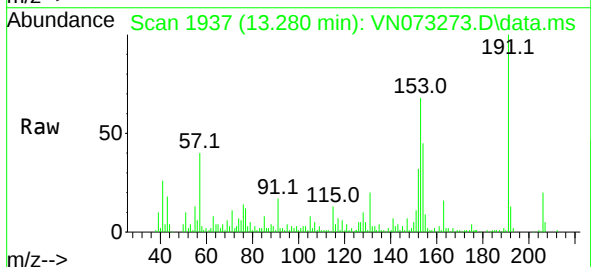


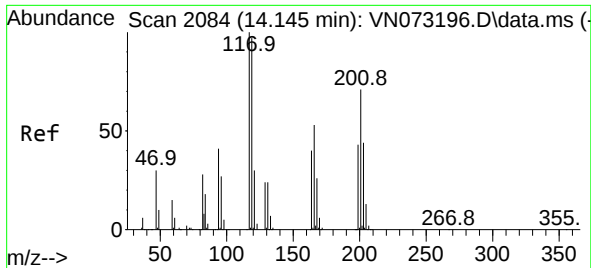
Tgt Ion: 75 Resp: 152674
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 37.2 55.8#



#83
 tert-Butylbenzene
 Concen: 0.500 ug/l
 RT: 13.280 min Scan# 1937
 Delta R.T. 0.023 min
 Lab File: VN073273.D
 Acq: 30 Jun 2022 18:15

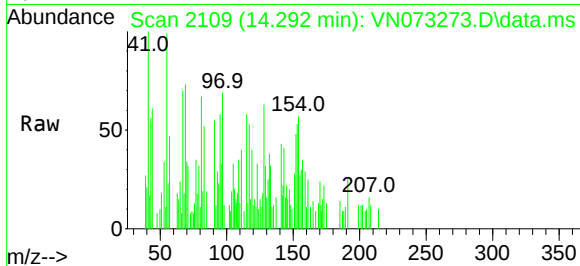
Tgt Ion: 119 Resp: 9727
 Ion Ratio Lower Upper
 119 100
 91 173.6 31.6 94.8#
 134 17.9 13.7 41.1



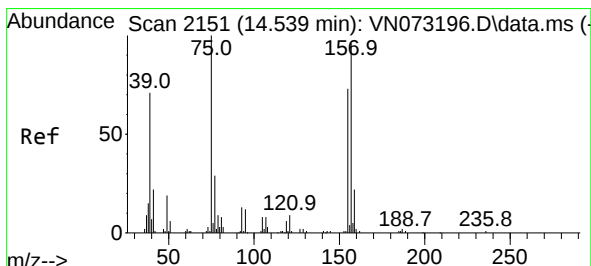
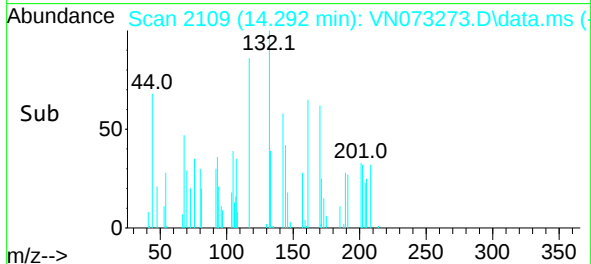
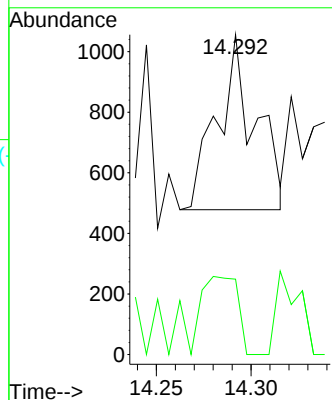


#90
Hexachloroethane
Concen: 0.205 ug/l
RT: 14.292 min Scan# 2109
Delta R.T. 0.147 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Instrument :
MSVOA_N
ClientSampleId :

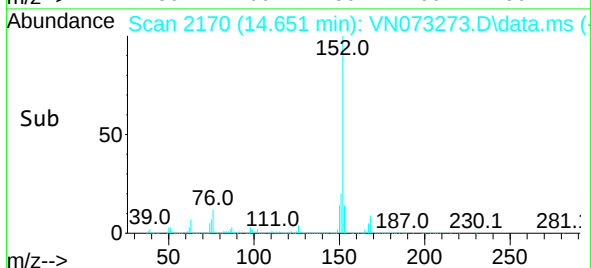
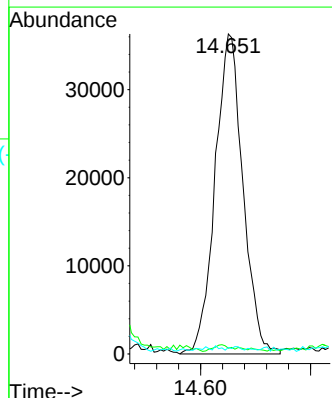
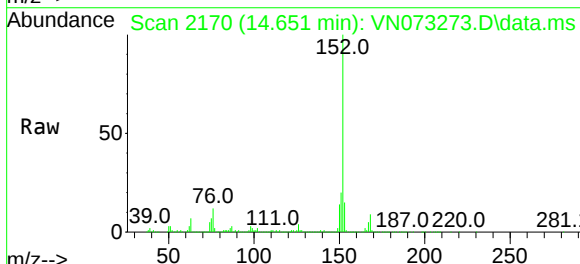


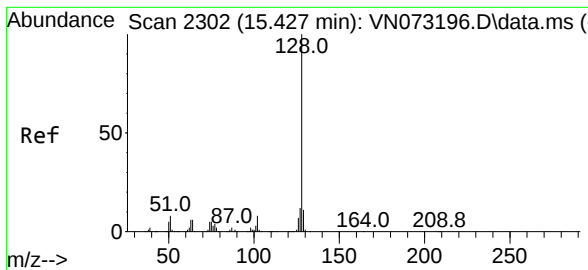
Tgt Ion:117 Resp: 807
Ion Ratio Lower Upper
117 100
201 50.3 40.6 122.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.401 ug/l
RT: 14.651 min Scan# 2170
Delta R.T. 0.112 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

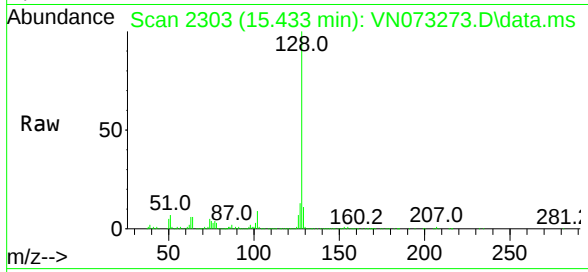
Tgt Ion: 75 Resp: 127489
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.6 59.0 176.8#





#95
Naphthalene
Concen: 27.570 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073273.D
Acq: 30 Jun 2022 18:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 654782
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.6 13.0

