

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029612.D
 Acq On : 20 Jun 2022 11:01
 Operator : JC/MD
 Sample : VX0620WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL01

Quant Time: Jun 21 01:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

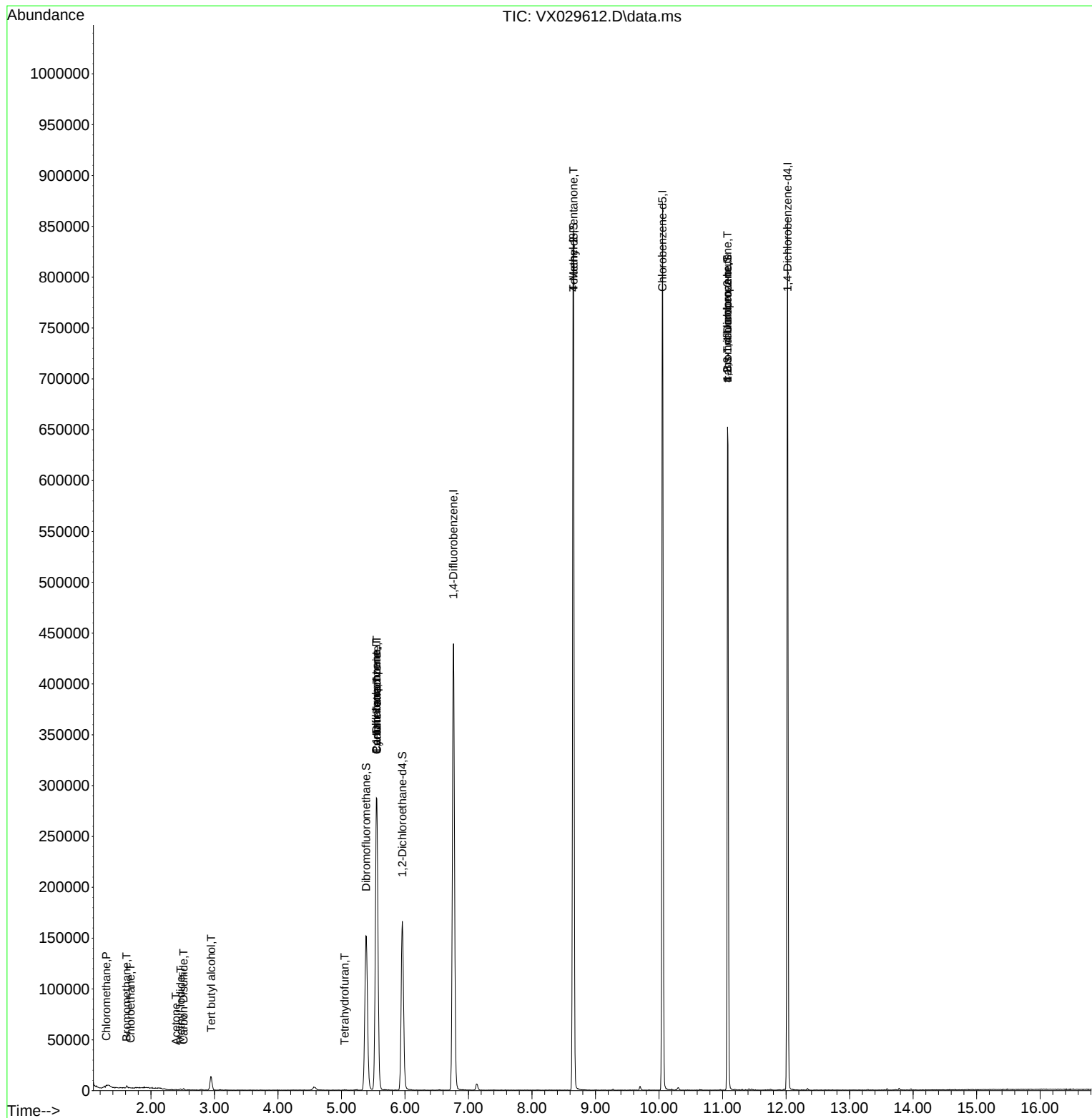
Internal Standards						
1) Pentafluorobenzene	5.550	168	279319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159762	43.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.420%
35) Dibromofluoromethane	5.385	113	139603	45.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.653	98	529824	47.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	11.079	95	191663	45.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	940	0.258	ug/l	99
5) Bromomethane	1.617	94	866	0.506	ug/l #	65
6) Chloroethane	1.678	64	208	1.370	ug/l #	62
10) Methyl Iodide	2.465	142	1139	3.338	ug/l #	90
11) Tert butyl alcohol	2.947	59	8209	0.970	ug/l #	75
16) Acetone	2.392	43	539	0.366	ug/l #	80
17) Carbon Disulfide	2.514	76	1800	0.245	ug/l #	94
29) Tetrahydrofuran	5.050	42	320	0.206	ug/l #	25
31) Cyclohexane	5.556	56	5061	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21642	5.193	ug/l #	49
38) Carbon Tetrachloride	5.556	117	28884	7.048	ug/l #	16
44) Trichloroethene	7.123	130	2778	Below Cal		90
51) 4-Methyl-2-Pentanone	8.653	43	1845	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	92361	23.871	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	92361	79.413	ug/l #	15

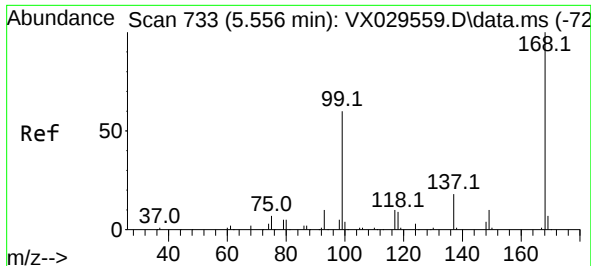
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029612.D
Acq On : 20 Jun 2022 11:01
Operator : JC/MD
Sample : VX0620WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

Quant Time: Jun 21 01:48:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

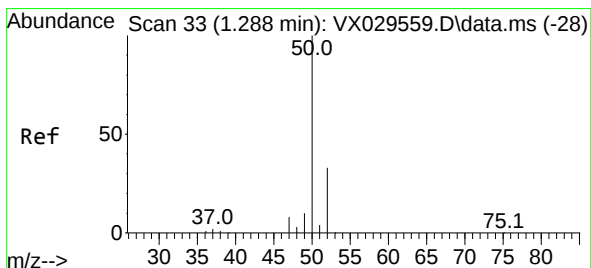
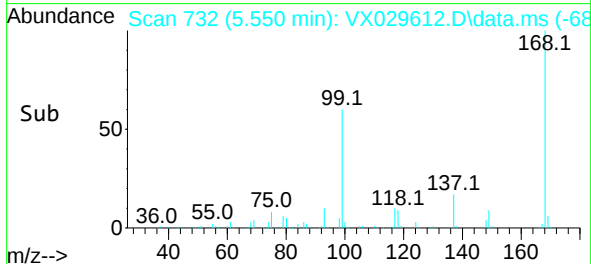
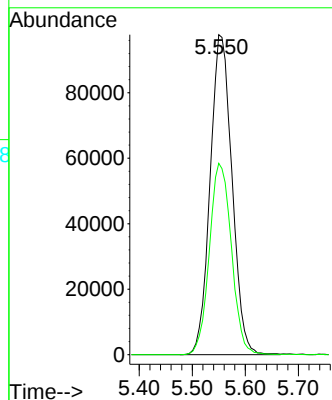
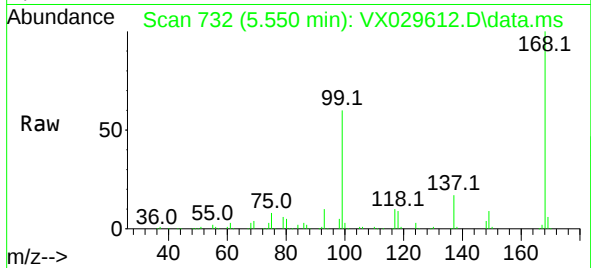




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

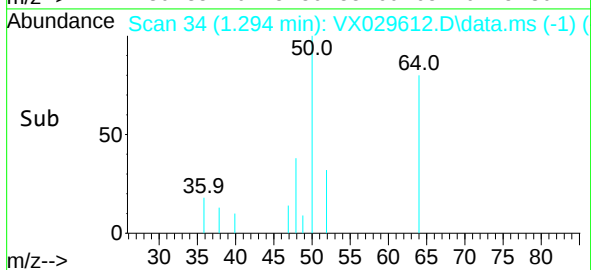
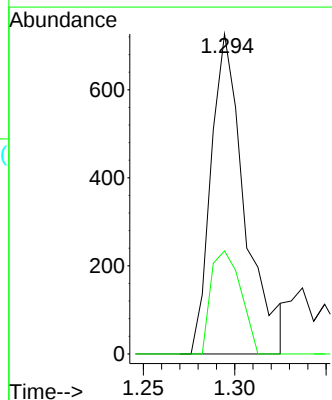
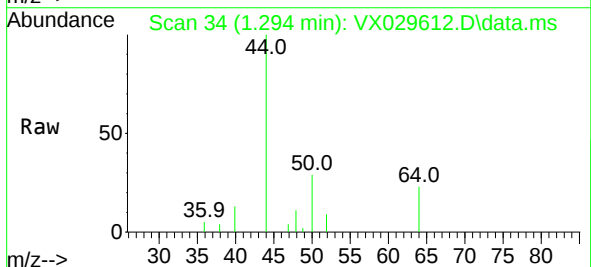
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

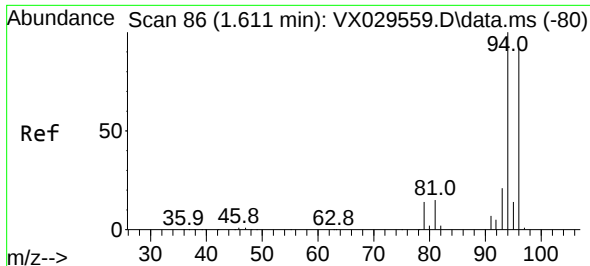
Tgt Ion:168 Resp: 279319
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6

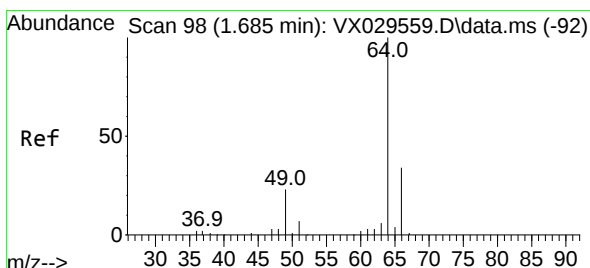
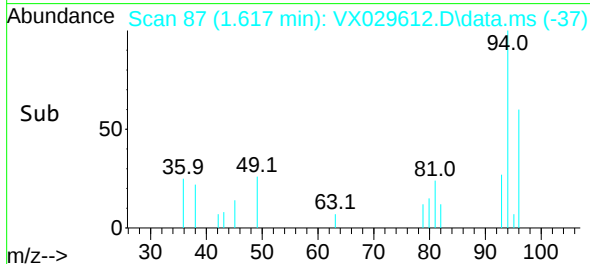
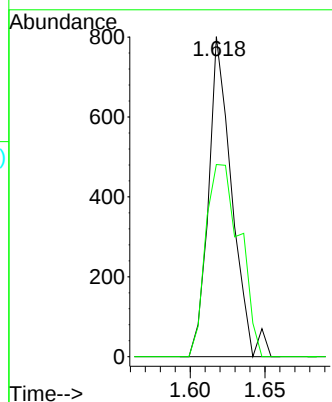
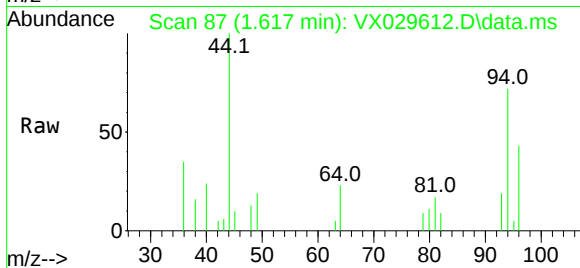




#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

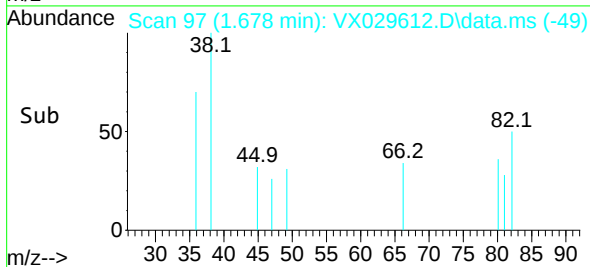
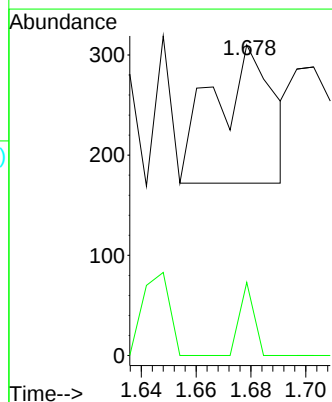
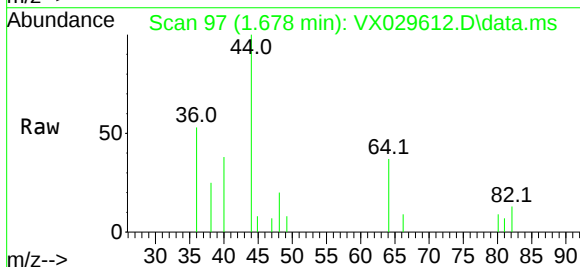
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

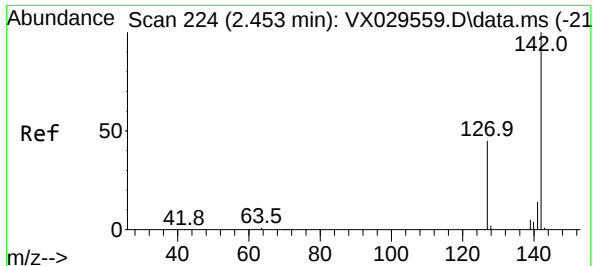
Tgt Ion: 94 Resp: 866
Ion Ratio Lower Upper
94 100
96 60.0 75.3 112.9#



#6
Chloroethane
Concen: 1.370 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 52.9 25.3 37.9#

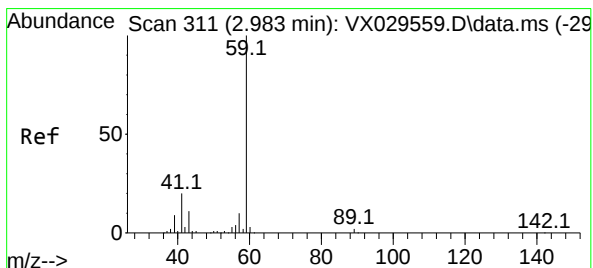
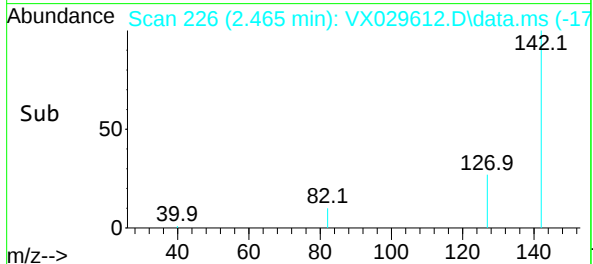
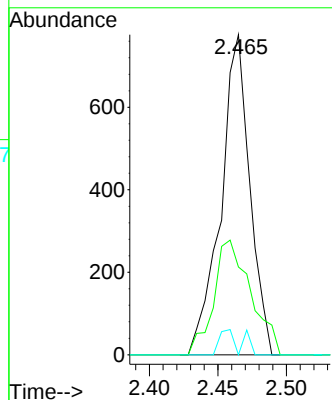
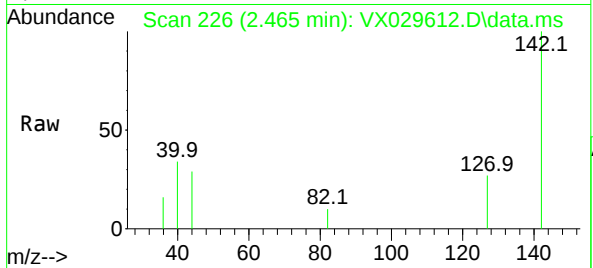




#10
Methyl Iodide
Concen: 3.338 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

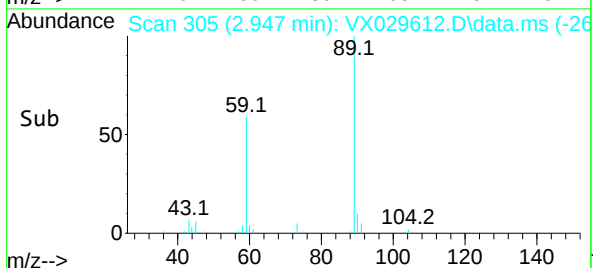
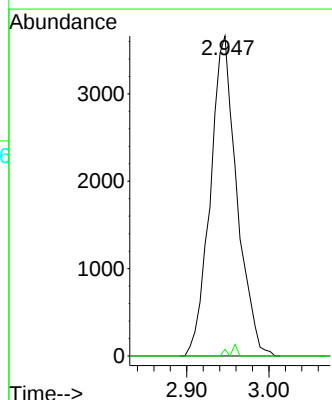
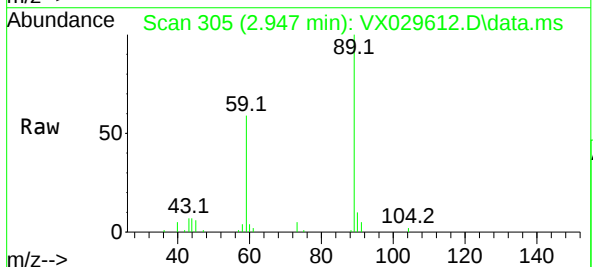
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

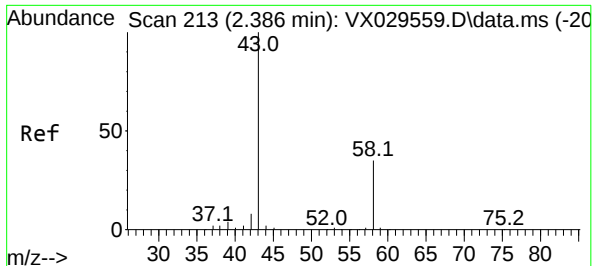
Tgt Ion:142 Resp: 1139
Ion Ratio Lower Upper
142 100
127 46.1 33.9 50.9
141 5.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.970 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 59 Resp: 8209
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#

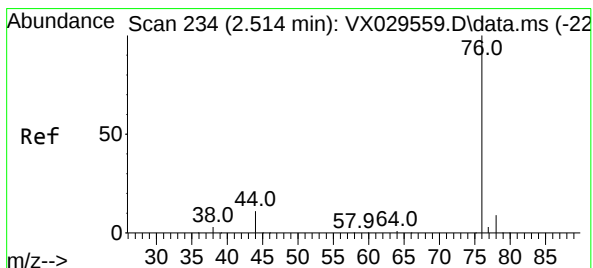
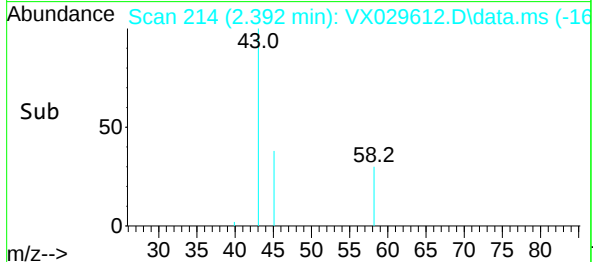
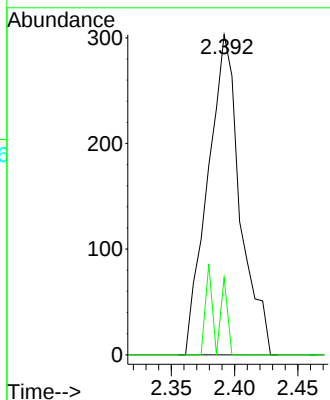
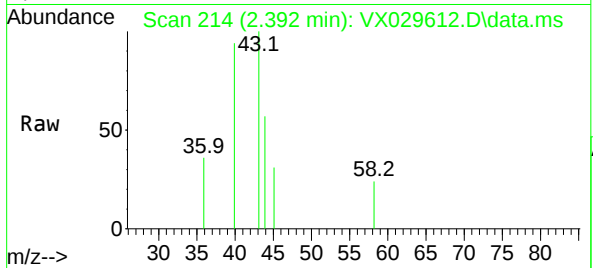




#16
Acetone
Concen: 0.366 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

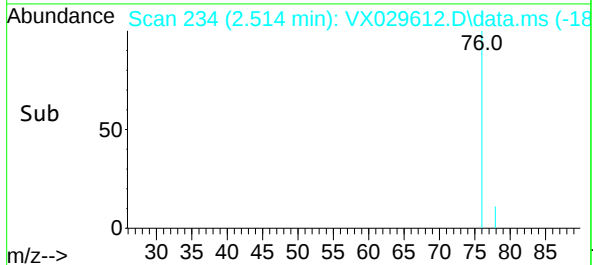
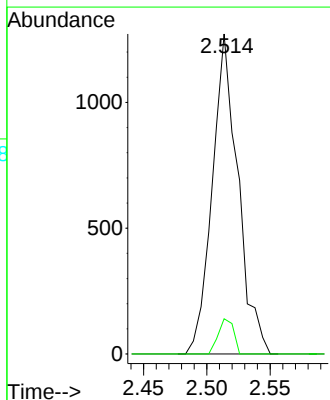
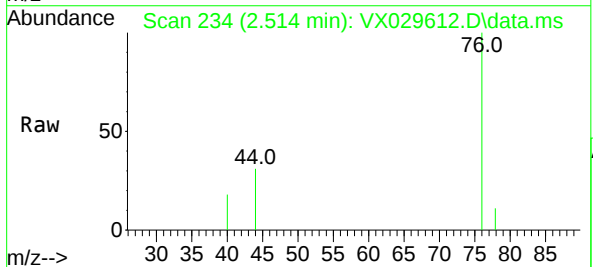
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

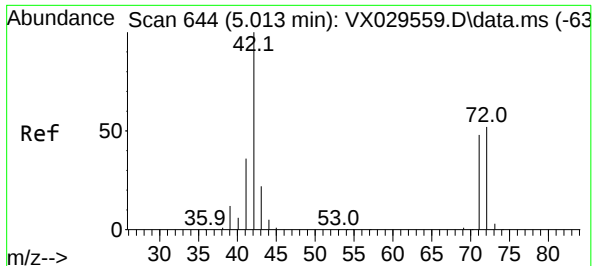
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
58 24.1 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 76 Resp: 1800
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8#





#29

Tetrahydrofuran

Concen: 0.206 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

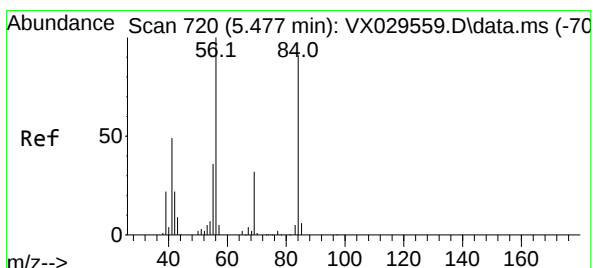
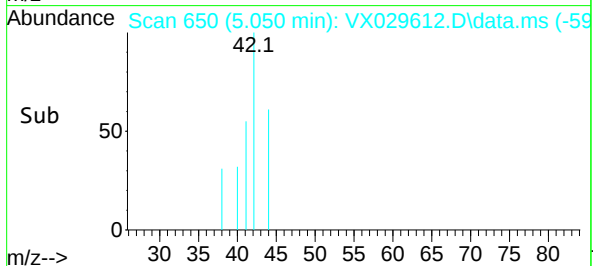
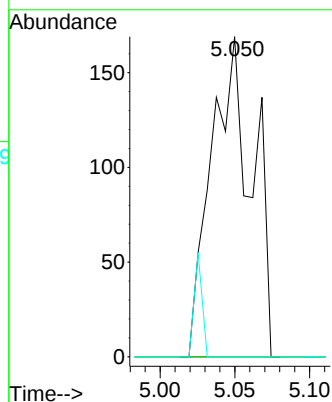
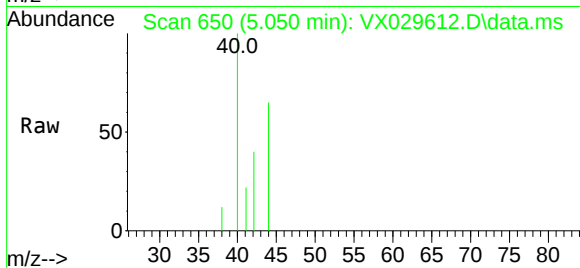
Instrument :

MSVOA_X

ClientSampleId :

VX0620WBL01

Tgt Ion: 42	Resp: 320
Ion Ratio	Lower Upper
42	100
72	0.0 44.1 66.1#
71	0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.020 ug/l

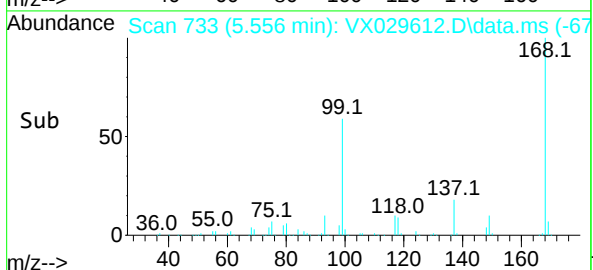
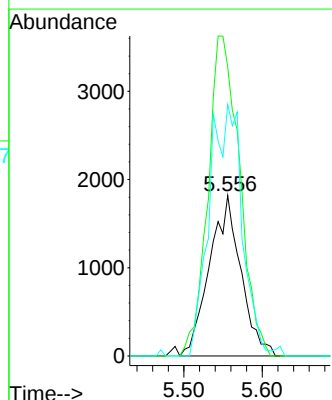
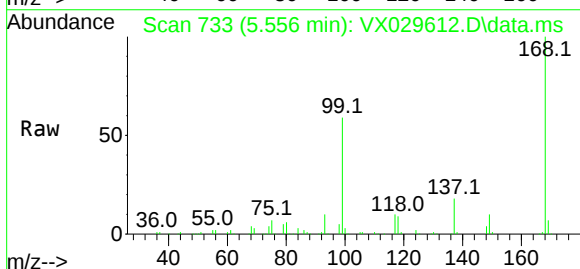
RT: 5.556 min Scan# 733

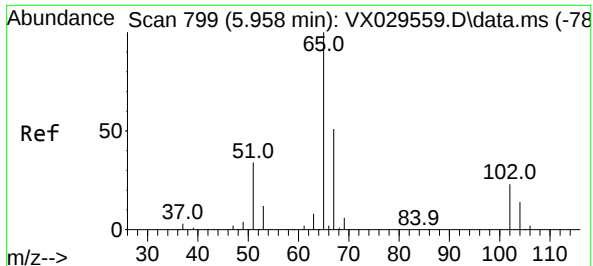
Delta R.T. 0.079 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

Tgt Ion: 56	Resp: 5061
Ion Ratio	Lower Upper
56	100
69	180.2 26.7 40.1#
84	156.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

Instrument :

MSVOA_X

ClientSampleId :

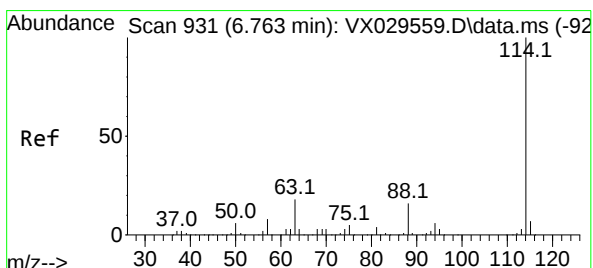
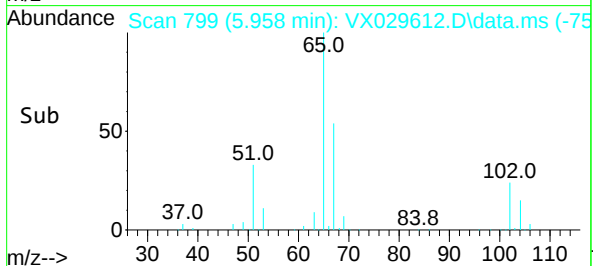
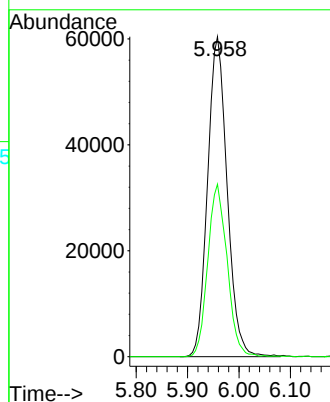
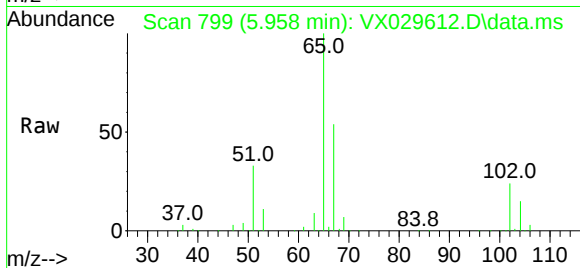
VX0620WBL01

Tgt Ion: 65 Resp: 159762

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

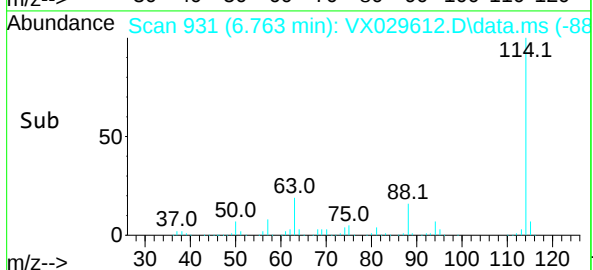
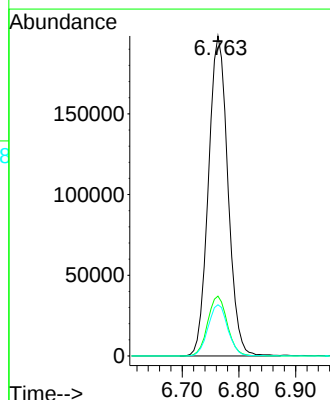
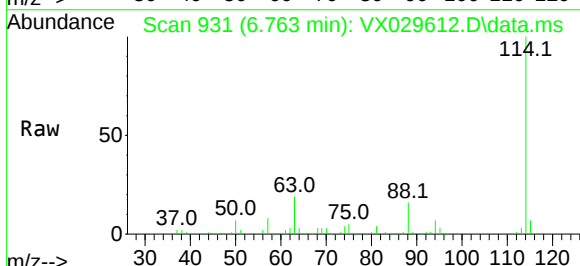
Tgt Ion: 114 Resp: 472484

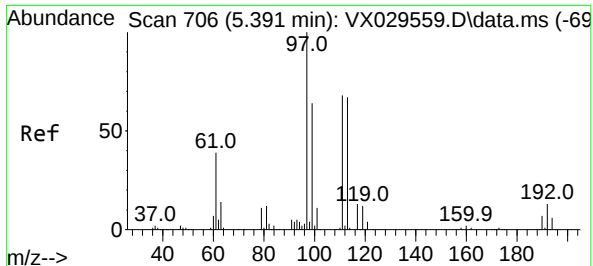
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.339 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBL01

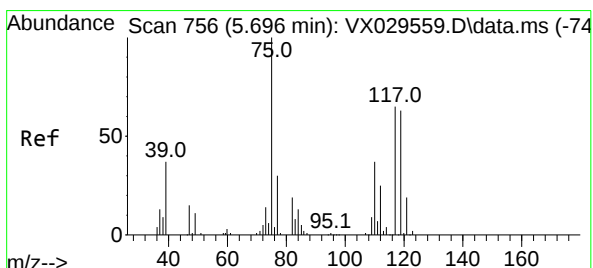
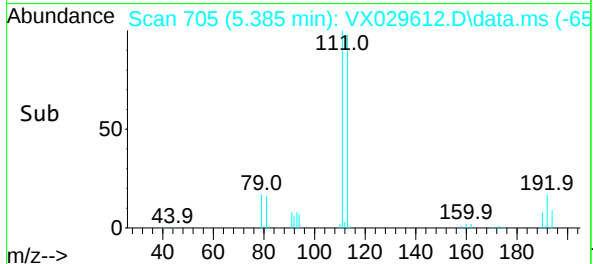
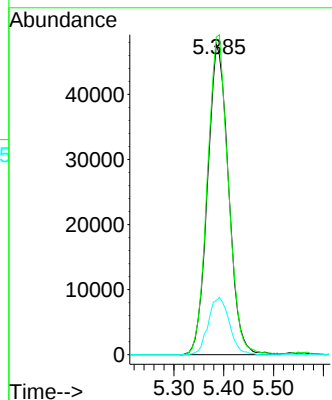
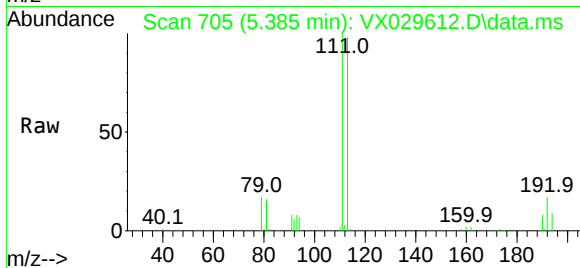
Tgt Ion:113 Resp: 139603

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.193 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029612.D

Acq: 20 Jun 2022 11:01

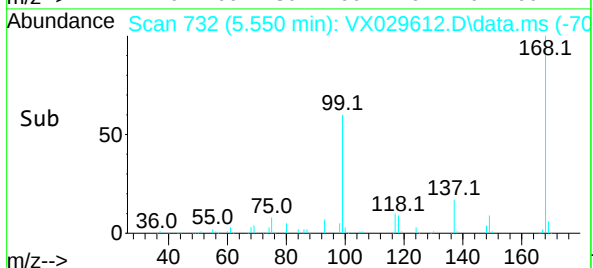
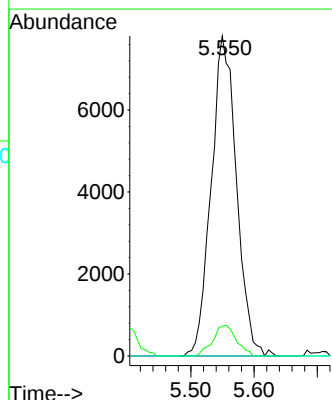
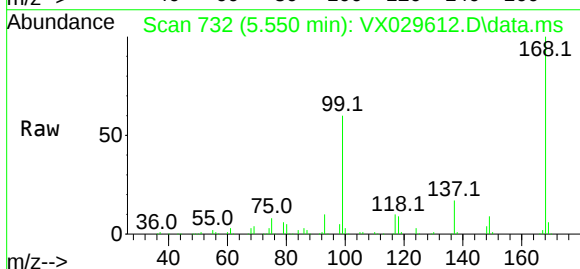
Tgt Ion: 75 Resp: 21642

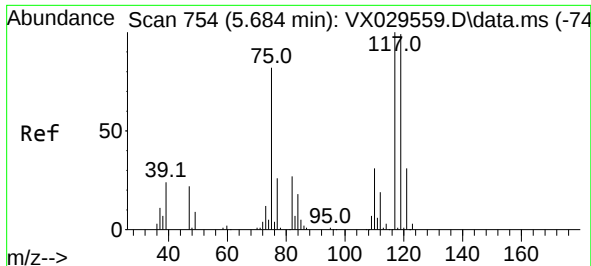
Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

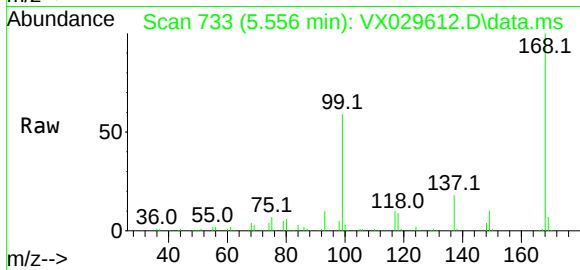
77 0.0 24.8 37.2#



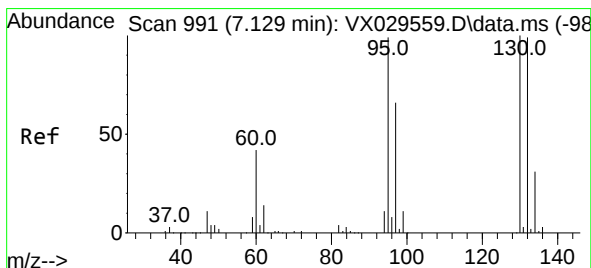
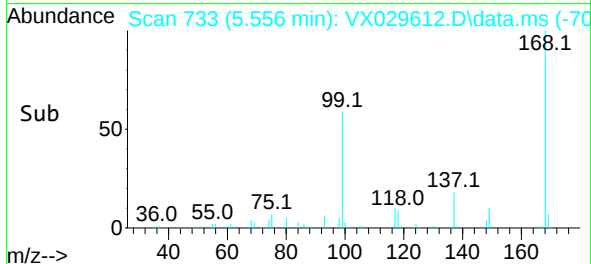
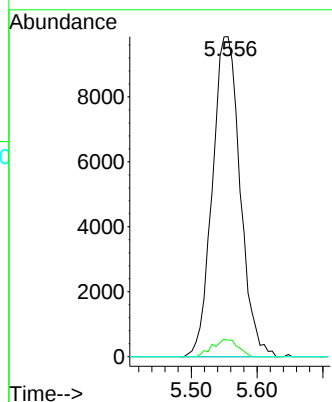


#38
Carbon Tetrachloride
Concen: 7.048 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

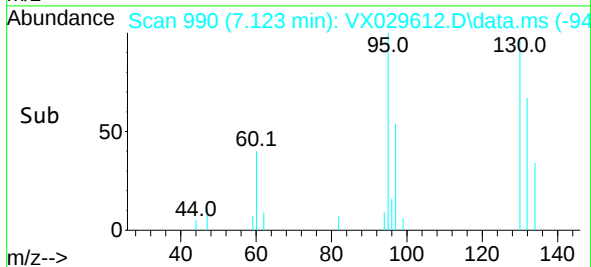
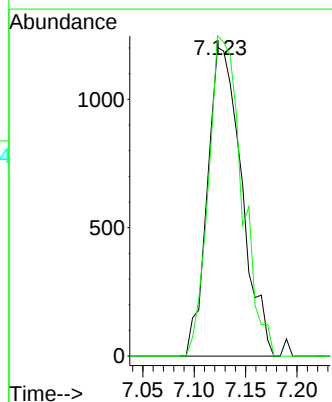
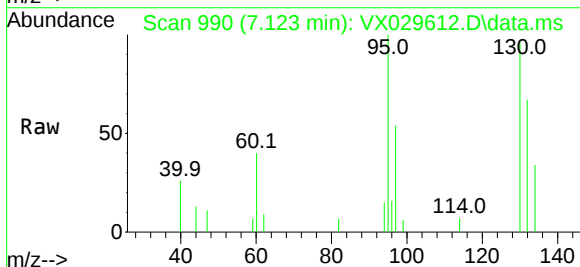


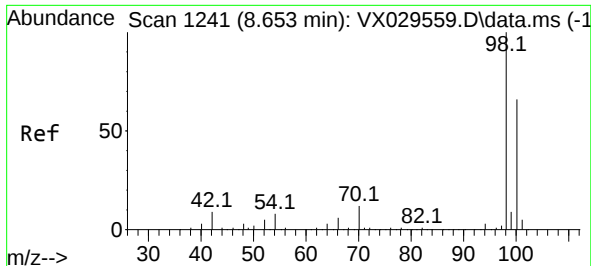
Tgt Ion:117 Resp: 28884
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion:130 Resp: 2778
Ion Ratio Lower Upper
130 100
95 103.7 0.0 188.8

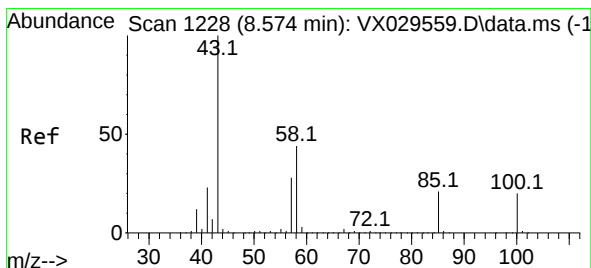
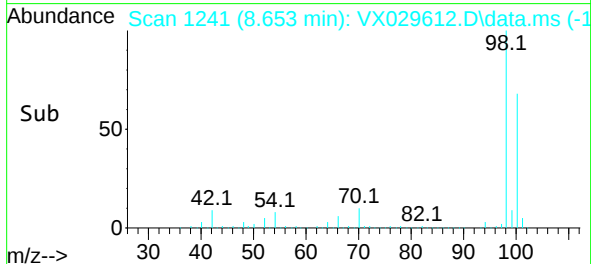
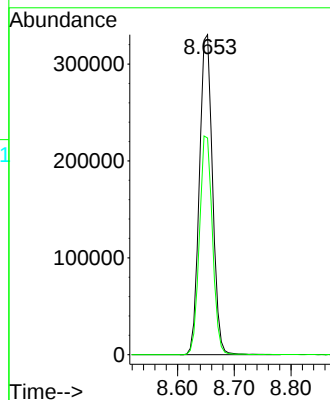
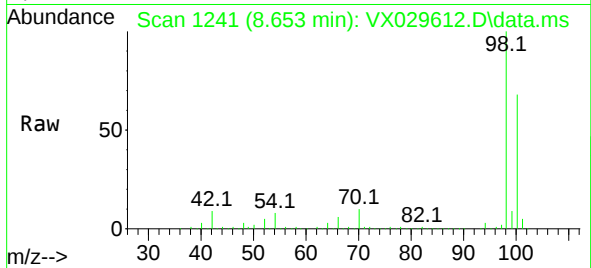




#50
Toluene-d8
Concen: 47.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

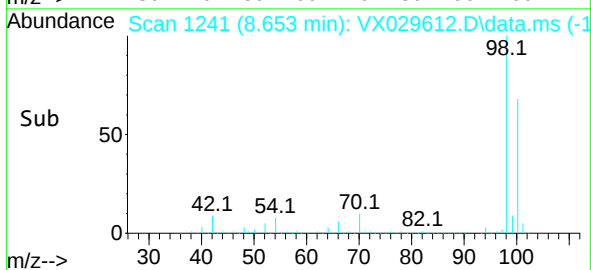
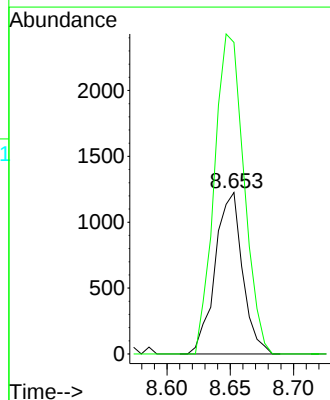
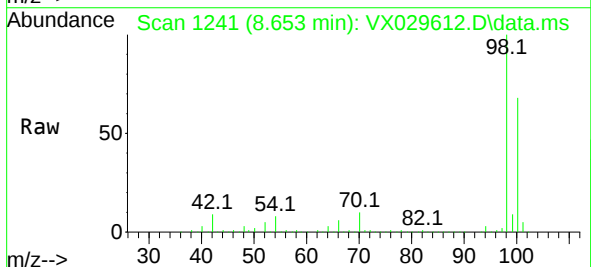
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

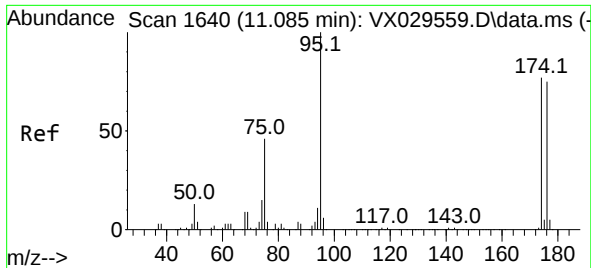
Tgt Ion: 98 Resp: 529824
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
58 213.8 36.1 54.1#

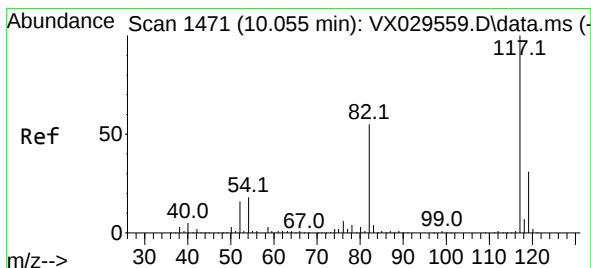
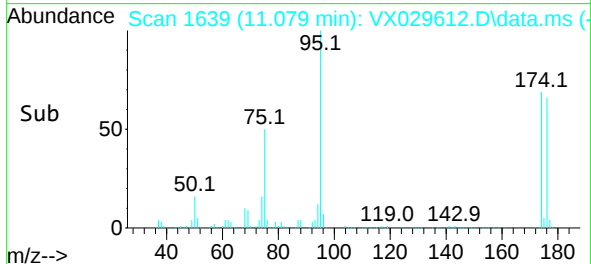
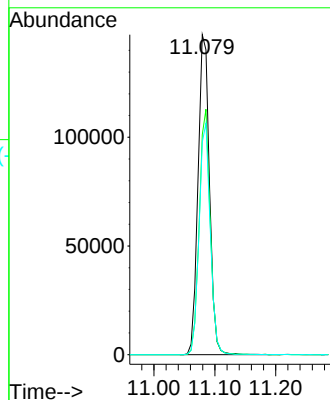
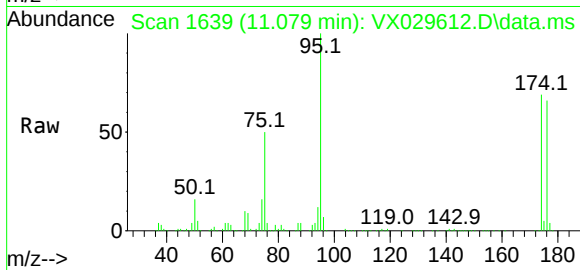




#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

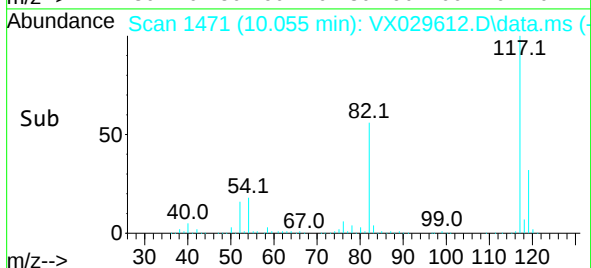
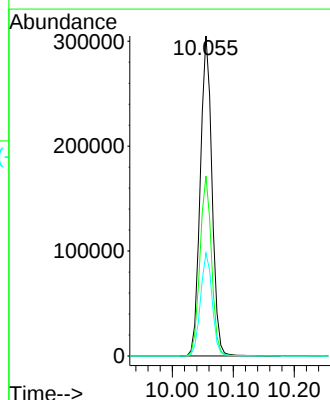
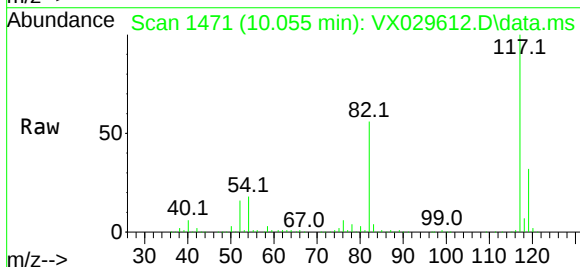
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

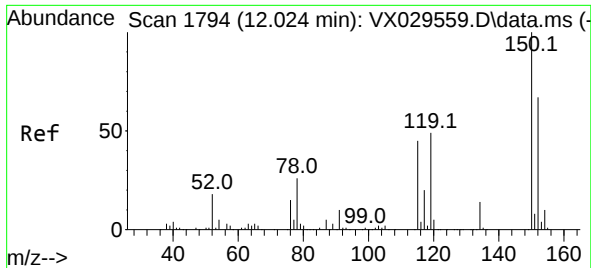
Tgt Ion: 95 Resp: 191663
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 71.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 117 Resp: 407361
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.2 24.8 37.2

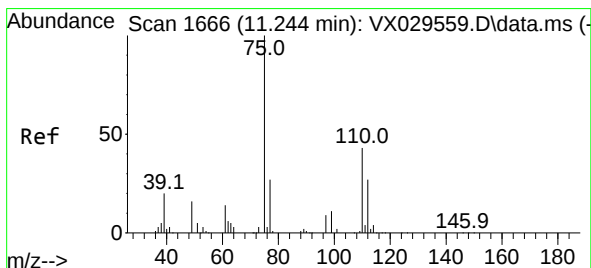
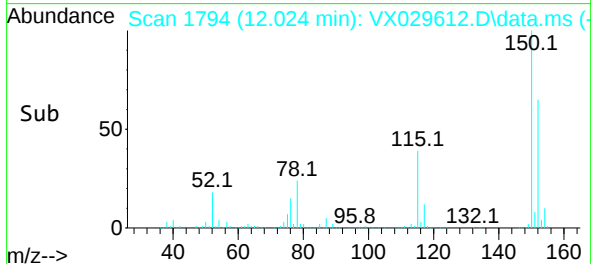
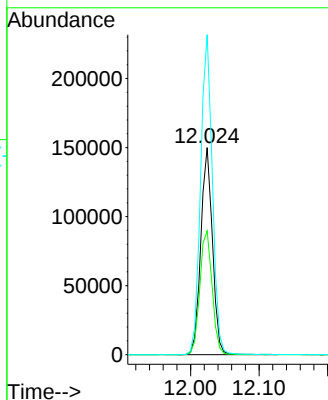
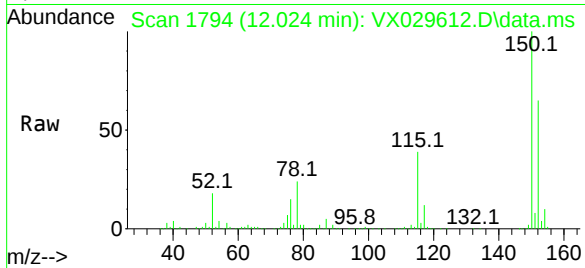




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

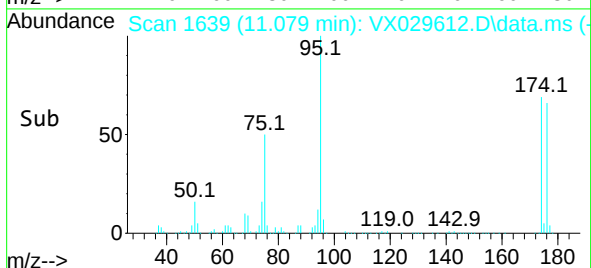
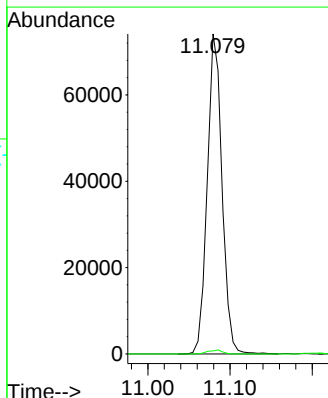
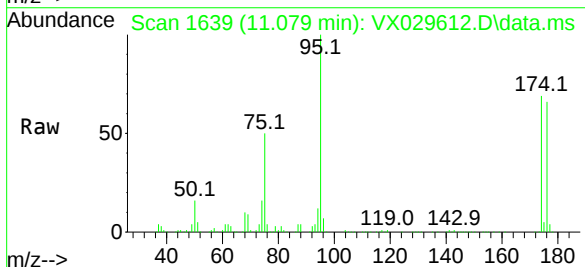
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

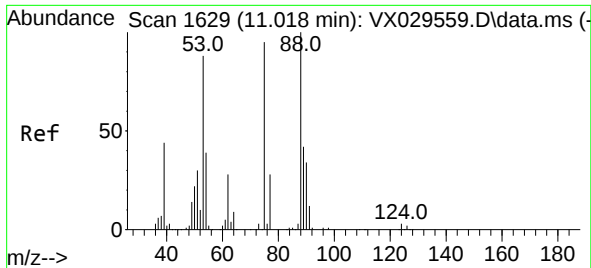
Tgt Ion:152 Resp: 177608
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 156.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029612.D
Acq: 20 Jun 2022 11:01

Tgt Ion: 75 Resp: 92361
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.413 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029612.D
 Acq: 20 Jun 2022 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL01

Tgt Ion: 75 Resp: 92361
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

