

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029182.D
 Acq On : 03 Jun 2022 10:59
 Operator : JC/MD
 Sample : VX0603WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBL01

Quant Time: Jun 06 02:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

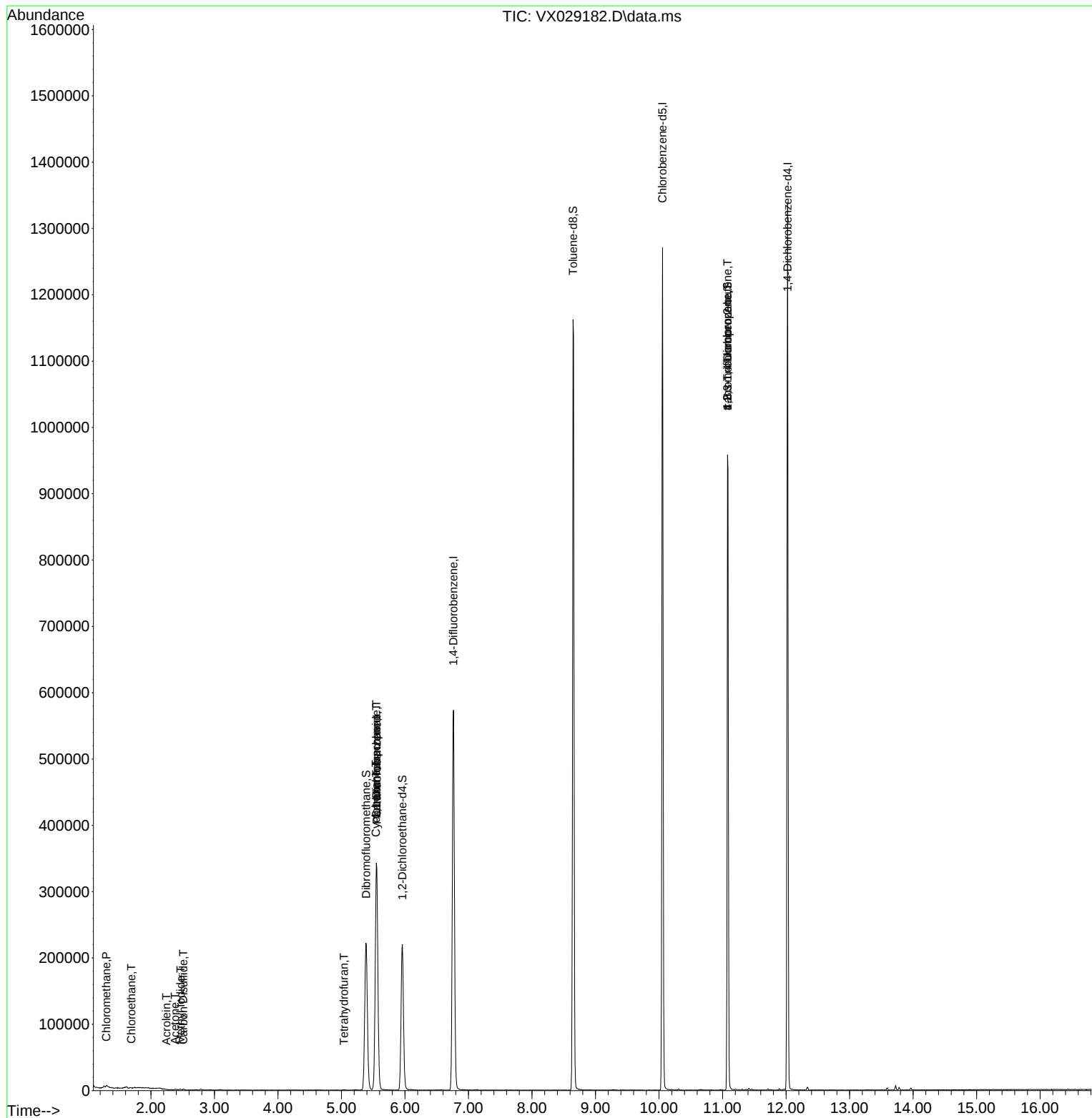
Internal Standards						
1) Pentafluorobenzene	5.556	168	327833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	586178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211473	57.205	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.400%			
35) Dibromofluoromethane	5.385	113	200076	49.540	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.080%			
50) Toluene-d8	8.647	98	716535	48.509	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.079	95	282739	49.518	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.040%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	714	0.239	ug/l	95
5) Bromomethane	1.624	94	1091	Below Cal		82
6) Chloroethane	1.691	64	1185	1.805	ug/l #	43
10) Methyl Iodide	2.465	142	1489	4.595	ug/l #	94
13) Acrolein	2.239	56	109	0.281	ug/l #	15
16) Acetone	2.380	43	1080	0.742	ug/l #	86
17) Carbon Disulfide	2.508	76	1869	0.231	ug/l	100
29) Tetrahydrofuran	5.038	42	389	0.258	ug/l #	53
31) Cyclohexane	5.544	56	6047	1.258	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24652	4.744	ug/l #	50
38) Carbon Tetrachloride	5.550	117	34269	5.770	ug/l #	16
44) Trichloroethene	7.135	130	337	Below Cal		79
76) 1,2,3-Trichloropropane	11.079	75	134529	24.881	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	134529	72.997	ug/l #	15
94) Hexachlorobutadiene	13.725	225	1063	Below Cal		85

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

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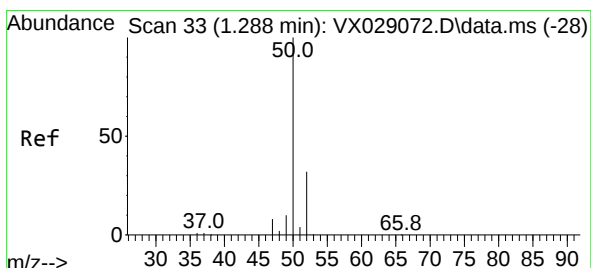
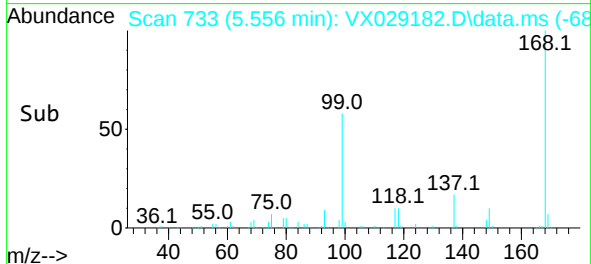
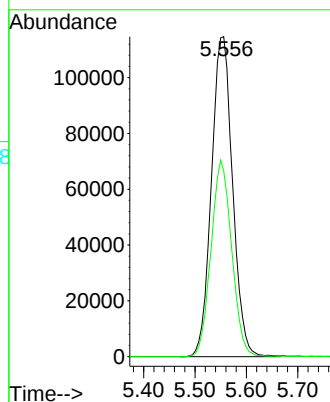
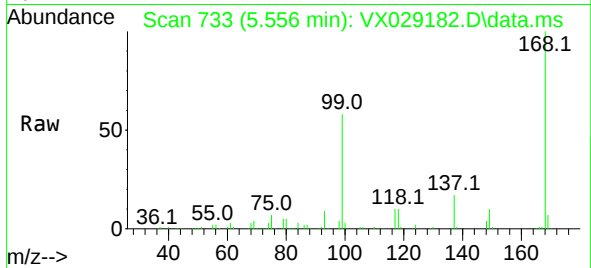




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

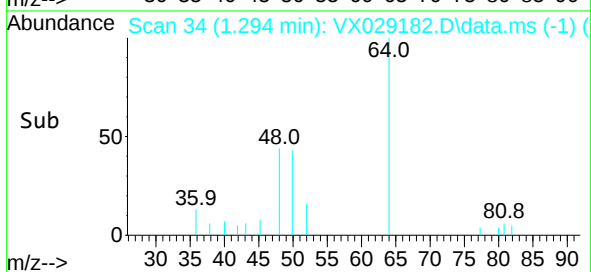
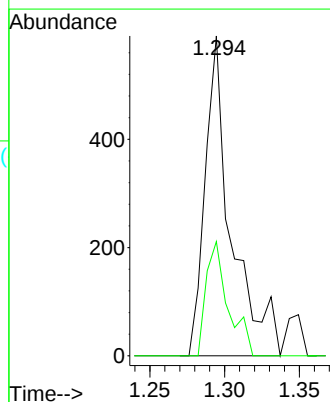
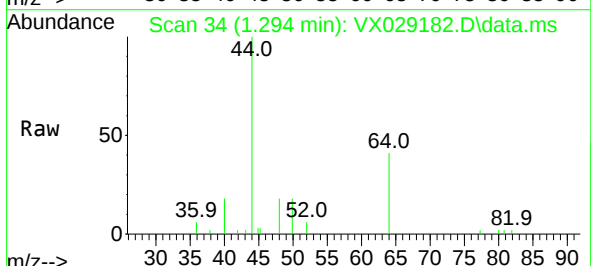
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

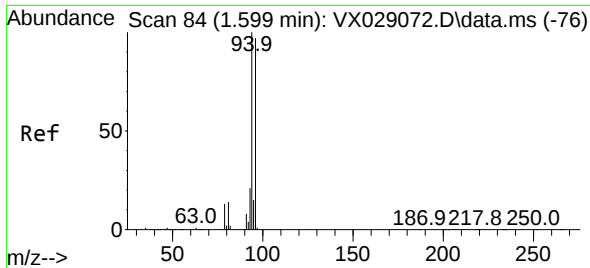
Tgt Ion:168 Resp: 327833
Ion Ratio Lower Upper
168 100
99 58.1 41.7 62.5



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion: 50 Resp: 714
Ion Ratio Lower Upper
50 100
52 35.7 26.4 39.6

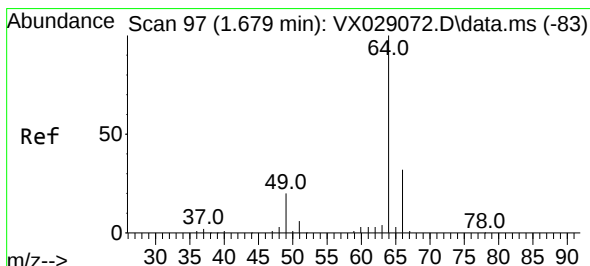
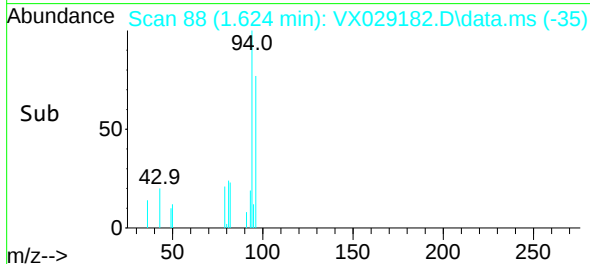
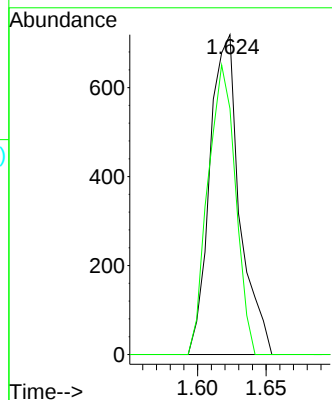
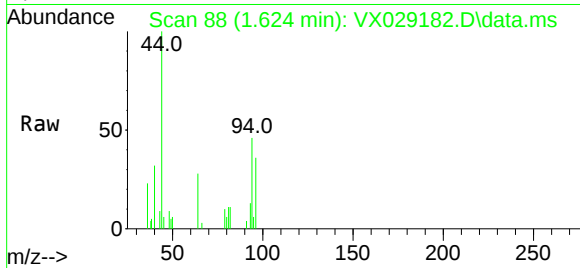




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

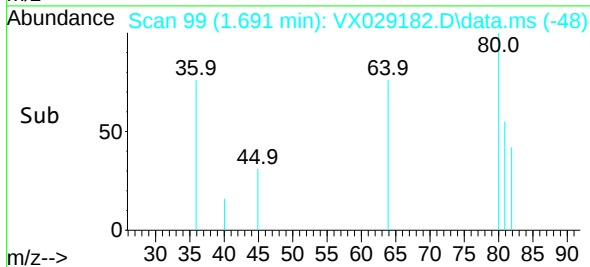
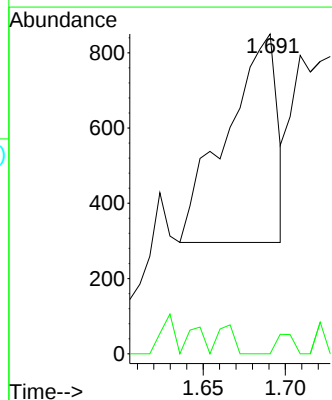
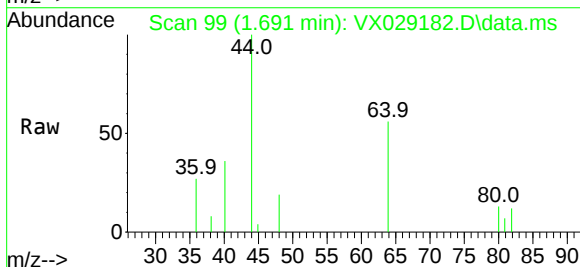
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

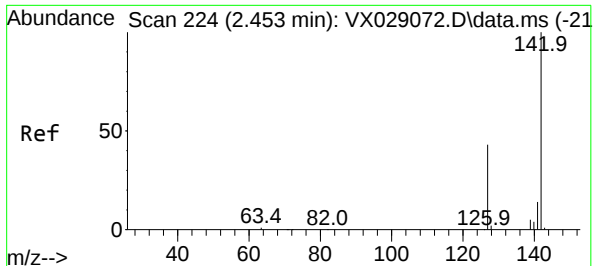
Tgt Ion: 94 Resp: 1091
Ion Ratio Lower Upper
94 100
96 76.9 75.3 112.9



#6
Chloroethane
Concen: 1.805 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

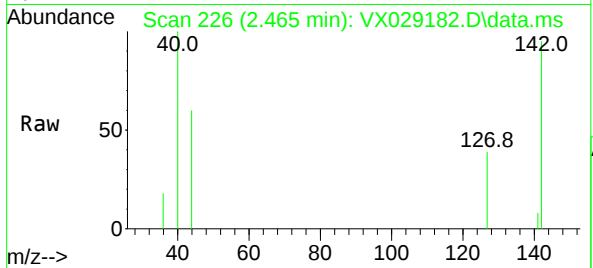
Tgt Ion: 64 Resp: 1185
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



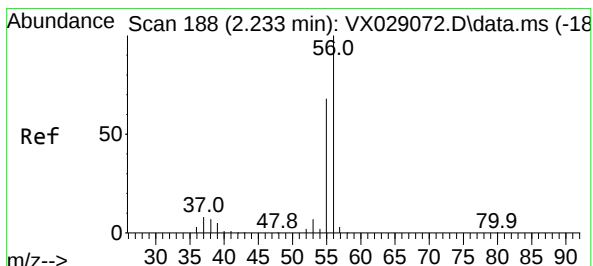
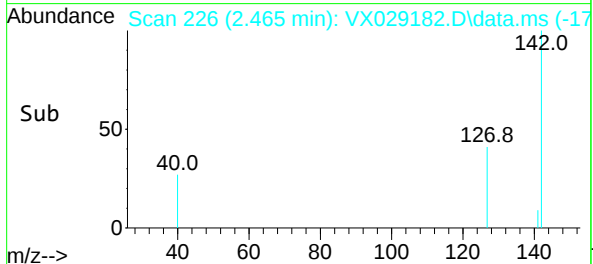
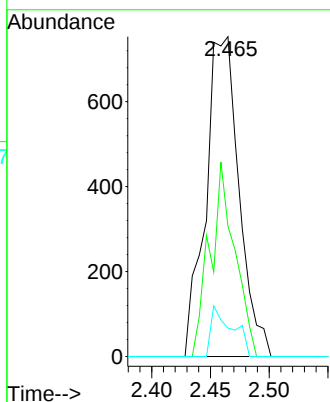


#10
Methyl Iodide
Concen: 4.595 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

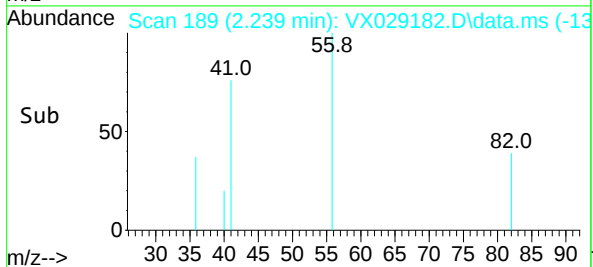
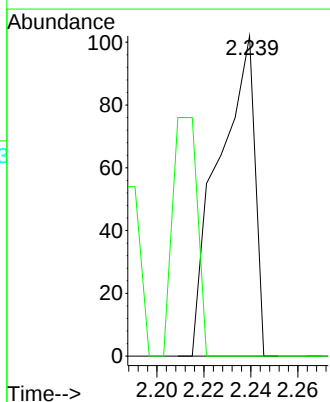
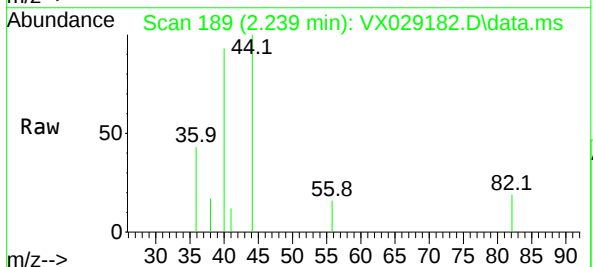


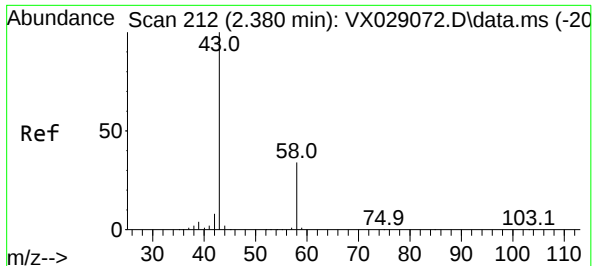
Tgt Ion:142 Resp: 1489
Ion Ratio Lower Upper
142 100
127 45.1 33.9 50.9
141 10.0 11.4 17.2#



#13
Acrolein
Concen: 0.281 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

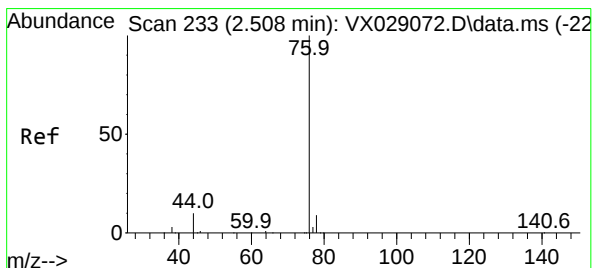
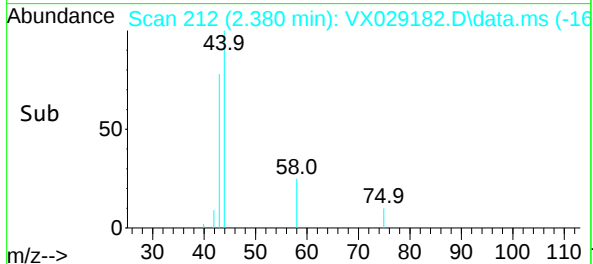
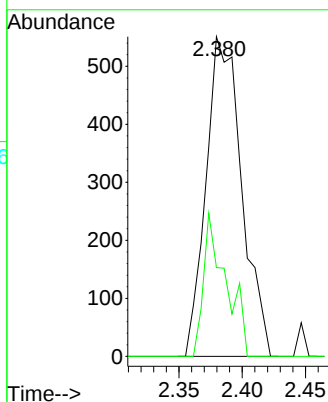
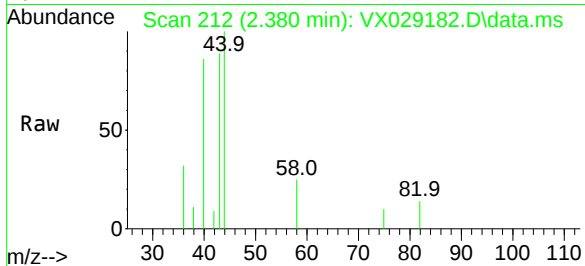




#16
Acetone
Concen: 0.742 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

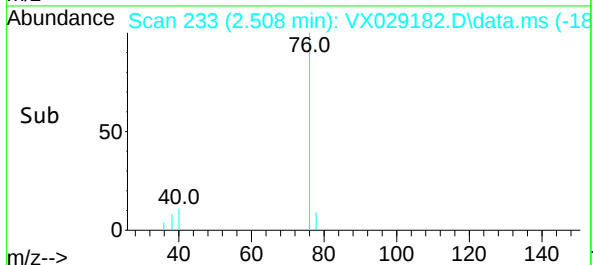
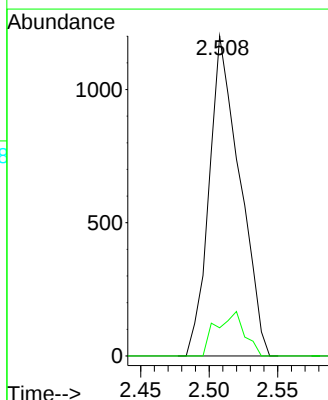
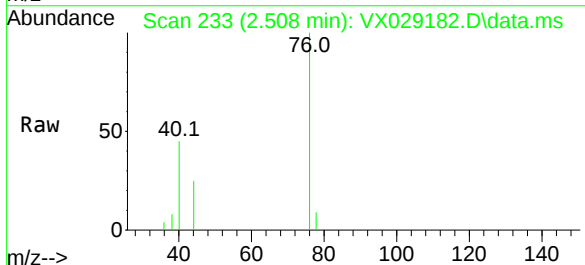
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

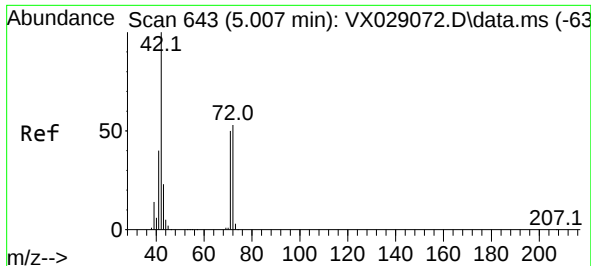
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 27.8 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion: 76 Resp: 1869
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





#29

Tetrahydrofuran

Concen: 0.258 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX029182.D

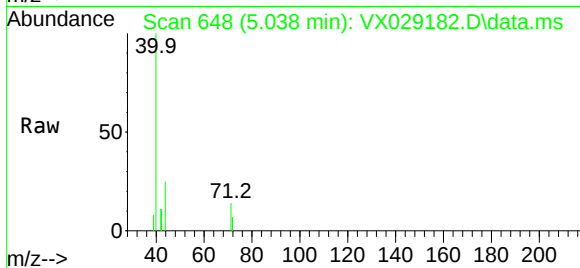
Acq: 03 Jun 2022 10:59

Instrument :

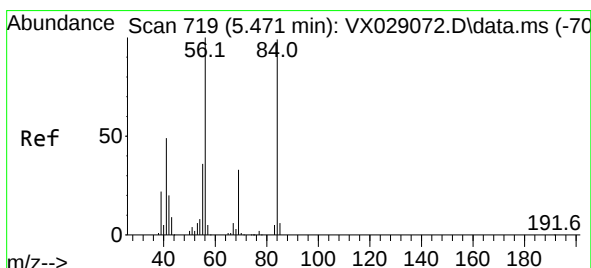
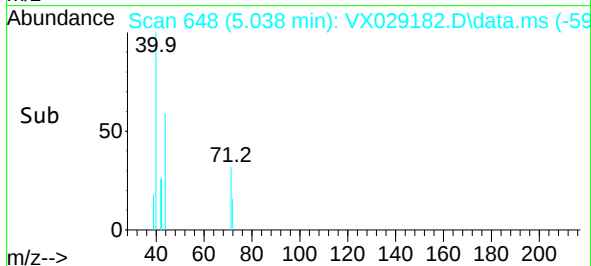
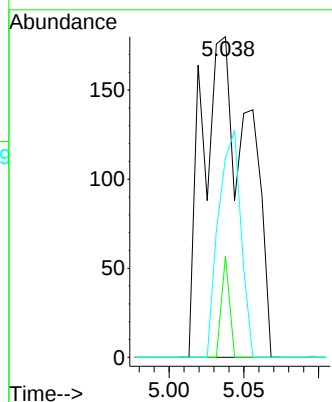
MSVOA_X

ClientSampleId :

VX0603WBL01



Tgt Ion:	42	Resp:	389
Ion	Ratio	Lower	Upper
42	100		
72	5.4	44.1	66.1#
71	33.9	40.5	60.7#



#31

Cyclohexane

Concen: 1.258 ug/l

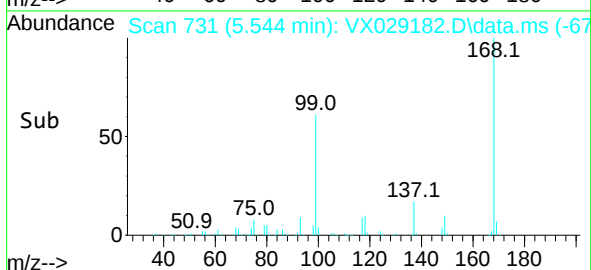
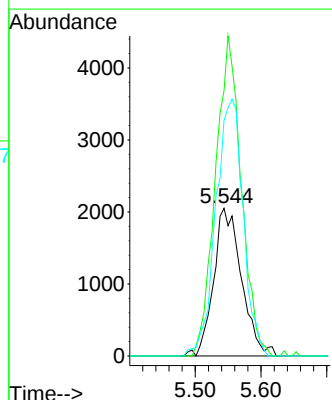
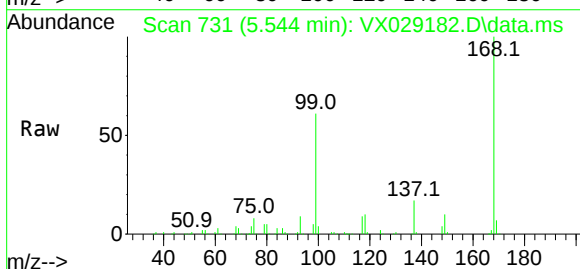
RT: 5.544 min Scan# 731

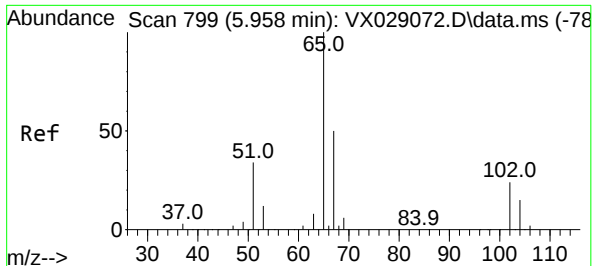
Delta R.T. 0.073 min

Lab File: VX029182.D

Acq: 03 Jun 2022 10:59

Tgt Ion:	56	Resp:	6047
Ion	Ratio	Lower	Upper
56	100		
69	179.6	26.7	40.1#
84	159.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.205 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029182.D

Acq: 03 Jun 2022 10:59

Instrument :

MSVOA_X

ClientSampleId :

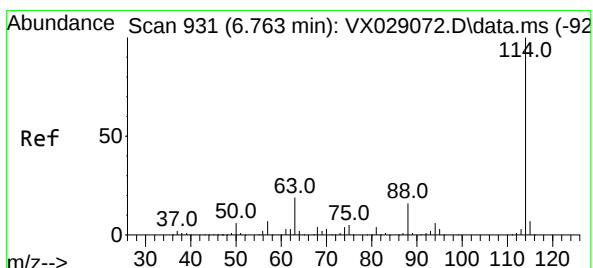
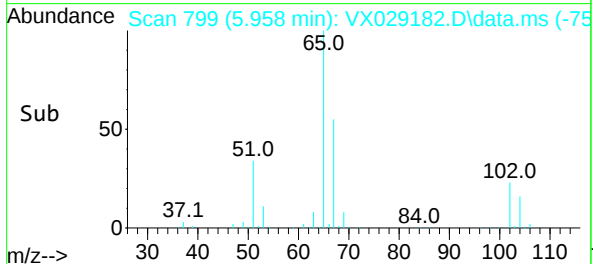
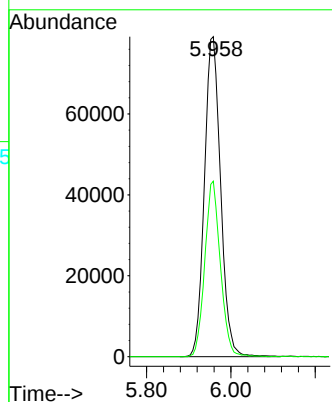
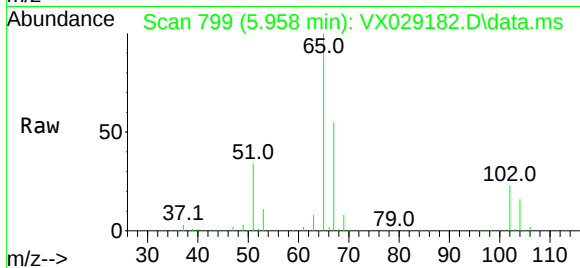
VX0603WBL01

Tgt Ion: 65 Resp: 211473

Ion Ratio Lower Upper

65 100

67 52.8 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: VX029182.D

Acq: 03 Jun 2022 10:59

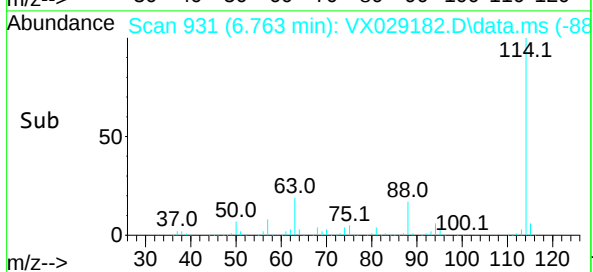
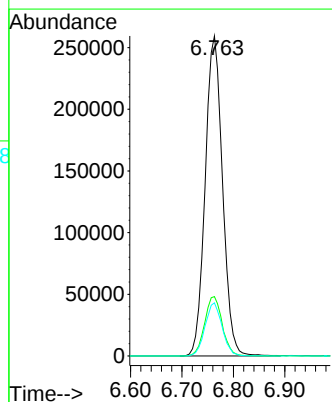
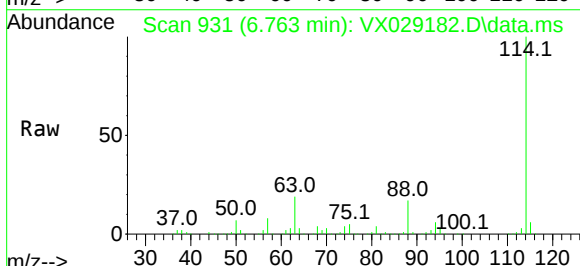
Tgt Ion: 114 Resp: 608027

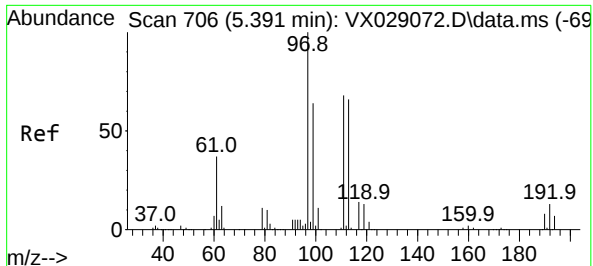
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

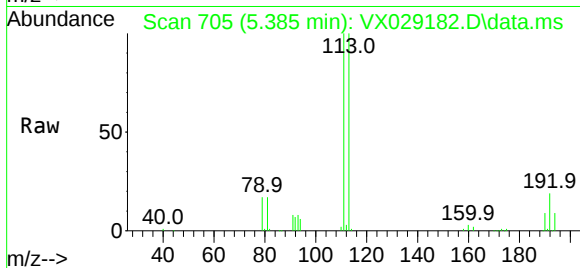
88 16.6 0.0 32.4



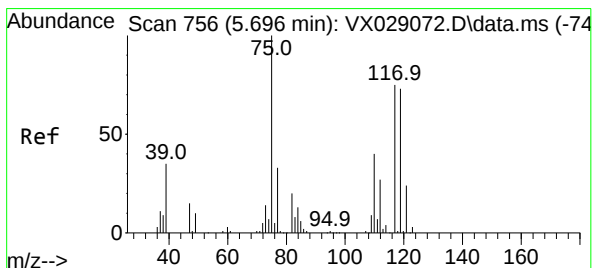
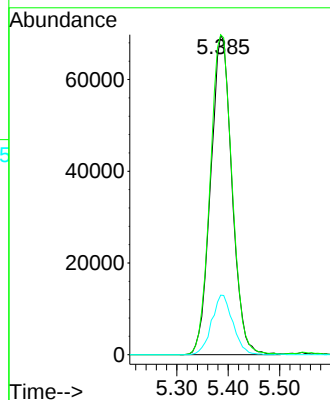
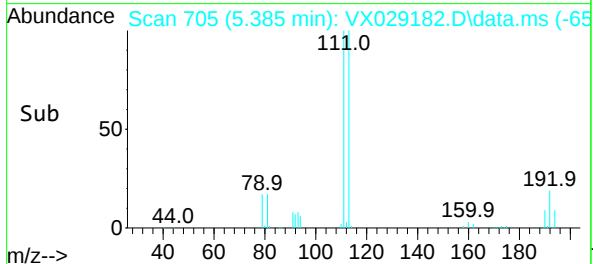


#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

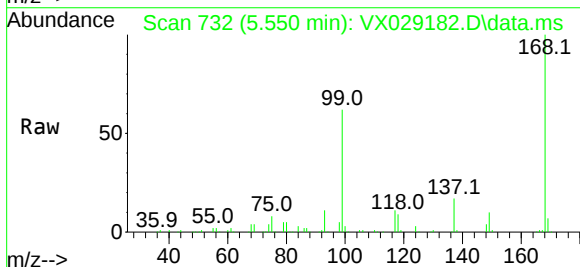
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01



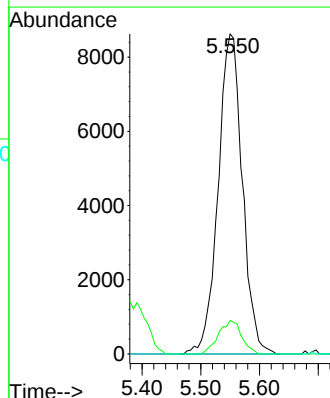
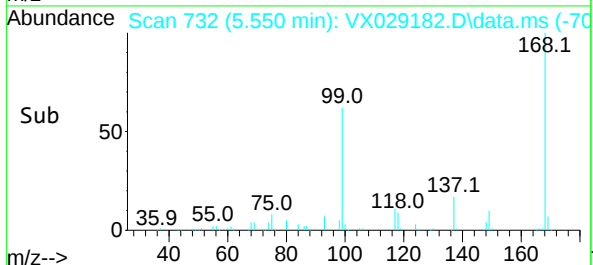
Tgt Ion:113 Resp: 200076
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.5 16.9 25.3

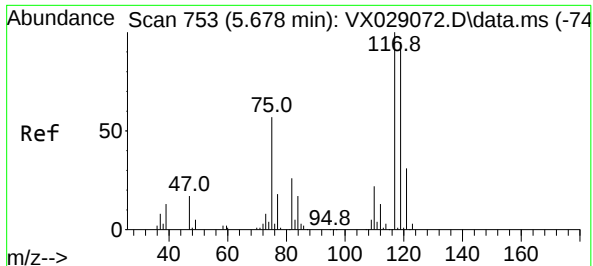


#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59



Tgt Ion: 75 Resp: 24652
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#

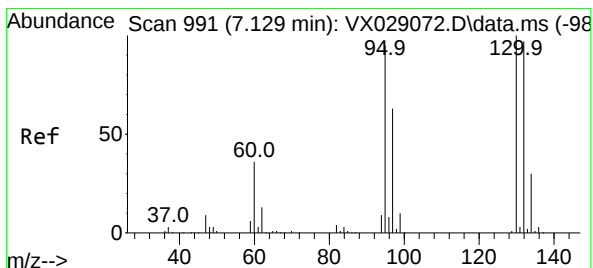
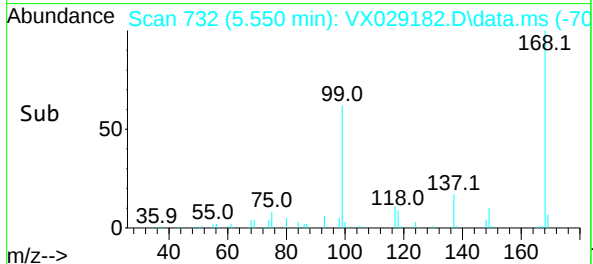
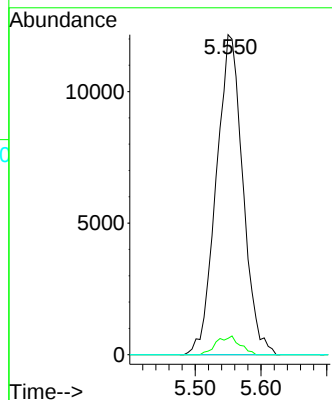
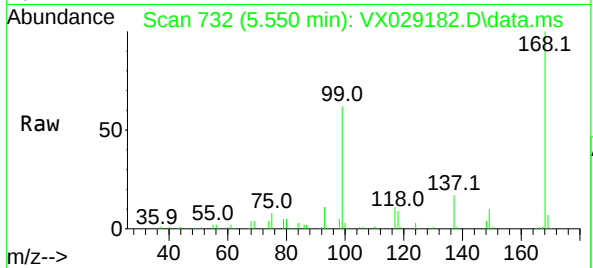




#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

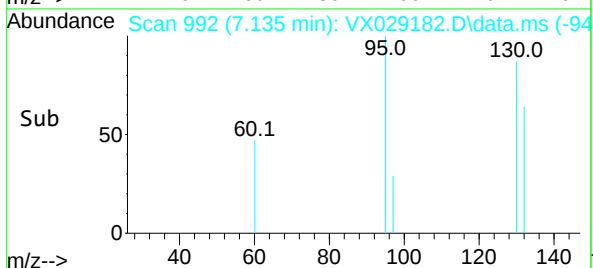
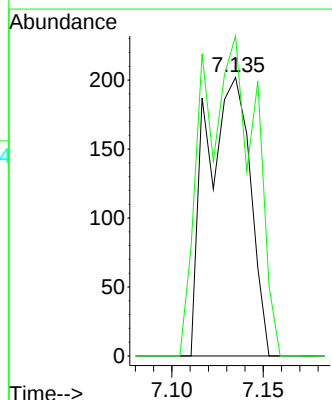
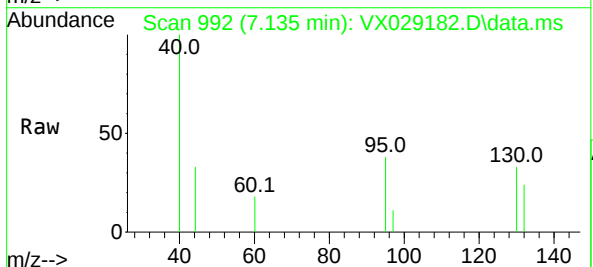
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

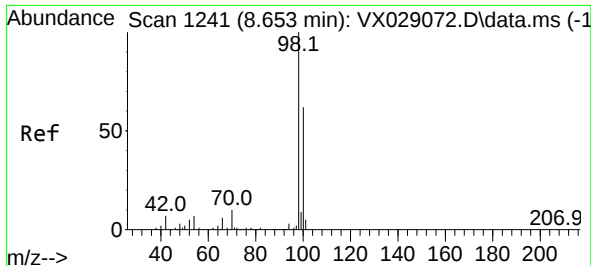
Tgt Ion:117 Resp: 34269
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion:130 Resp: 337
Ion Ratio Lower Upper
130 100
95 114.9 0.0 188.8

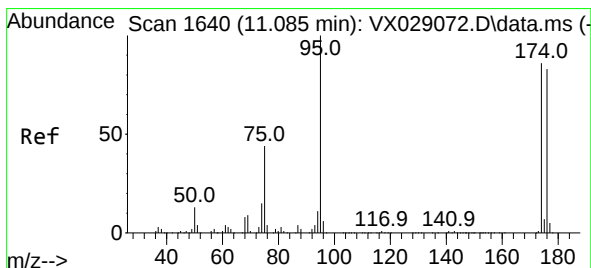
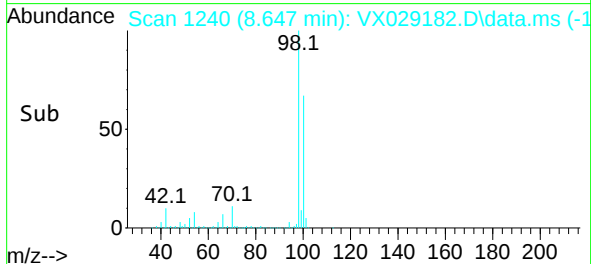
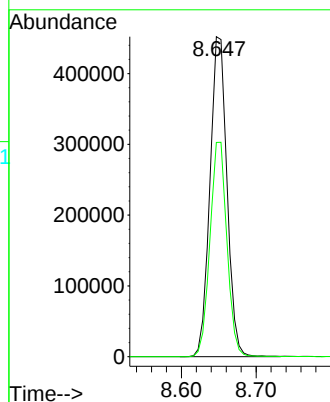
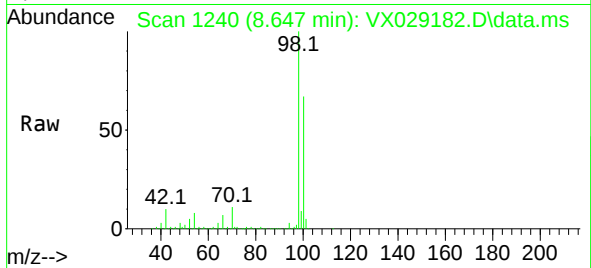




#50
Toluene-d8
Concen: 48.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

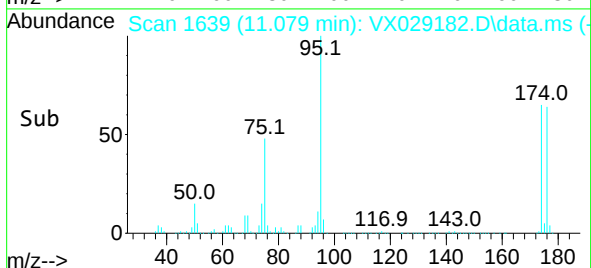
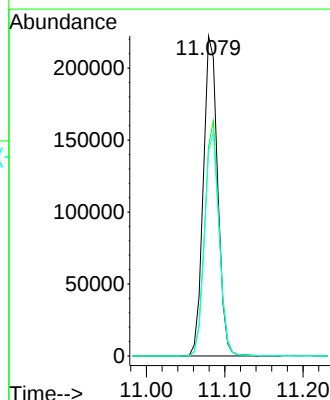
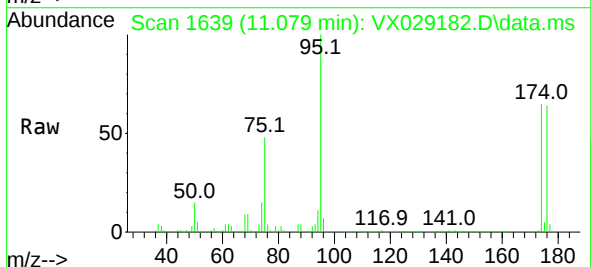
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

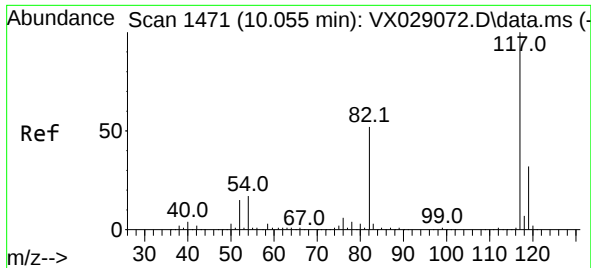
Tgt Ion: 98 Resp: 716535
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion: 95 Resp: 282739
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 70.7 0.0 155.0

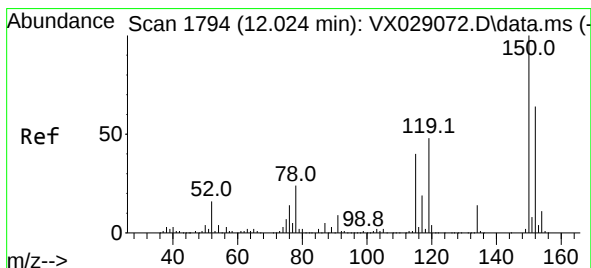
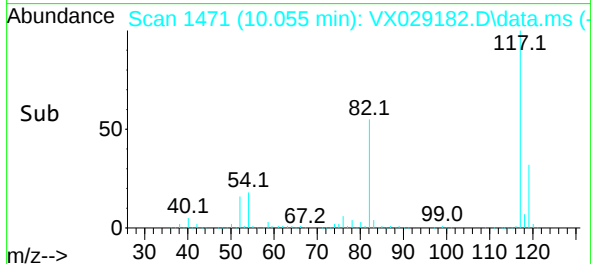
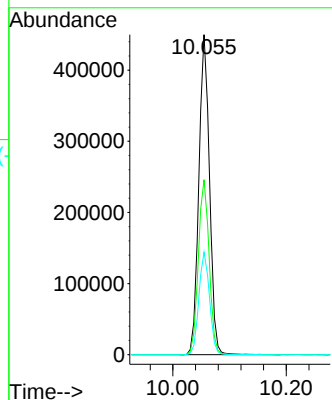
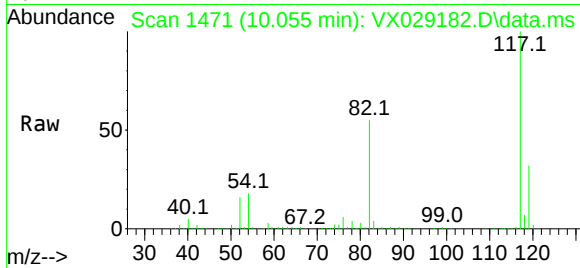




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

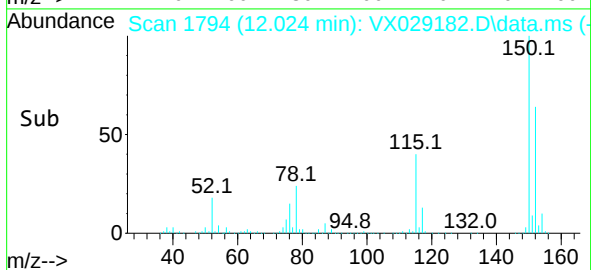
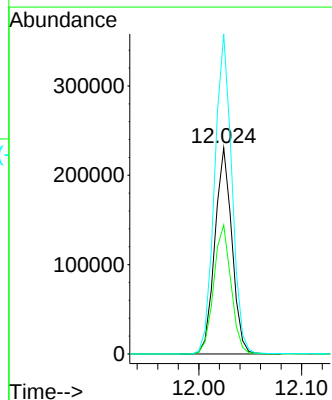
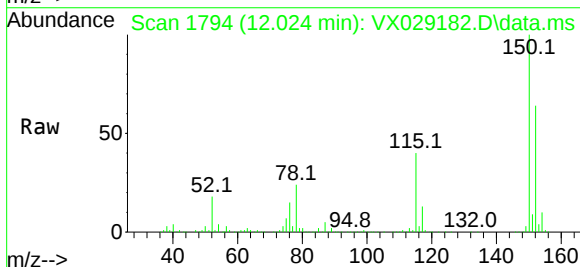
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

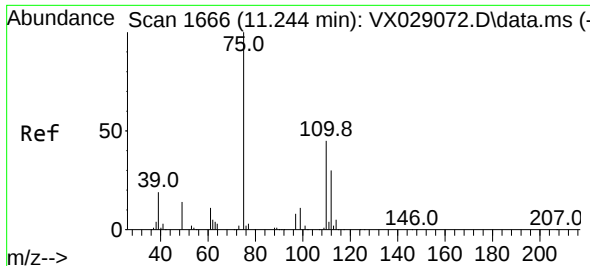
Tgt Ion:117 Resp: 586178
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion:152 Resp: 266718
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 157.1 0.0 338.2

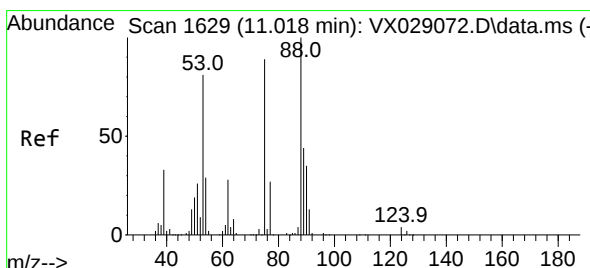
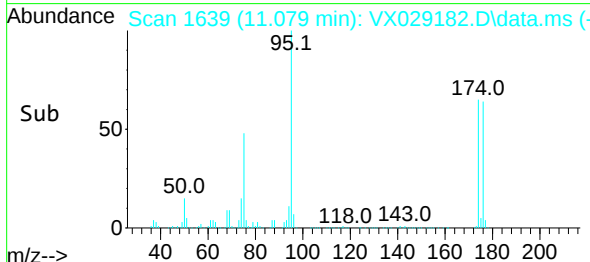
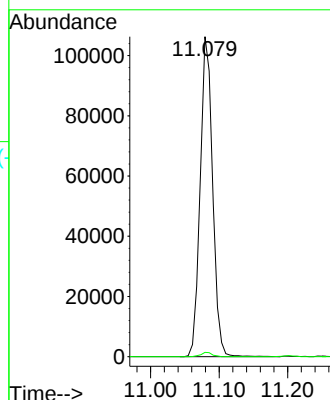
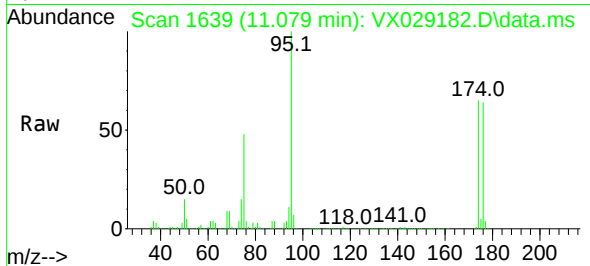




#76
1,2,3-Trichloropropane
Concen: 24.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

Tgt Ion: 75 Resp: 134529
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029182.D
Acq: 03 Jun 2022 10:59

Tgt Ion: 75 Resp: 134529
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#

