

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029659.D
 Acq On : 21 Jun 2022 13:41
 Operator : JC/MD
 Sample : VX0621WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL02

Quant Time: Jun 22 01:10:30 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)

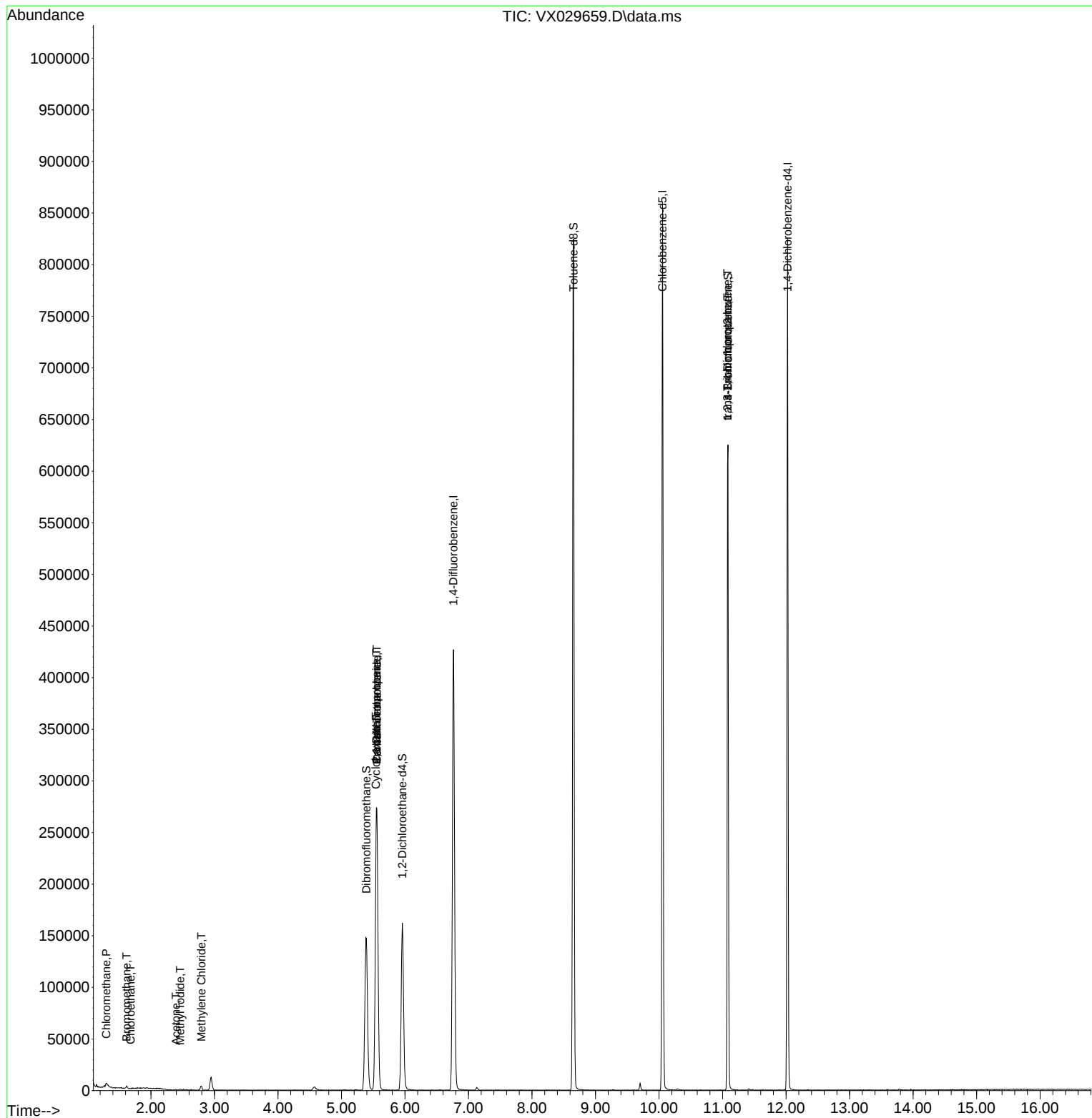
Internal Standards						
1) Pentafluorobenzene	5.556	168	270639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152710	42.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.260%		
35) Dibromofluoromethane	5.391	113	135663	45.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.620%		
50) Toluene-d8	8.653	98	517291	47.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.580%		
62) 4-Bromofluorobenzene	11.085	95	182801	44.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.620%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1059	0.300	ug/l	90
5) Bromomethane	1.617	94	643	0.388	ug/l	99
6) Chloroethane	1.678	64	75	1.322	ug/l #	43
10) Methyl Iodide	2.459	142	713	3.224	ug/l #	90
11) Tert butyl alcohol	2.946	59	6989	Below Cal	#	72
16) Acetone	2.392	43	545	0.382	ug/l #	39
20) Methylene Chloride	2.794	84	2091	0.657	ug/l	95
31) Cyclohexane	5.544	56	4619	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20375	5.028	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28152	7.064	ug/l #	16
44) Trichloroethene	7.141	130	1071	Below Cal		82
76) 1,2,3-Trichloropropane	11.079	75	87533	23.416	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87533	77.898	ug/l #	15

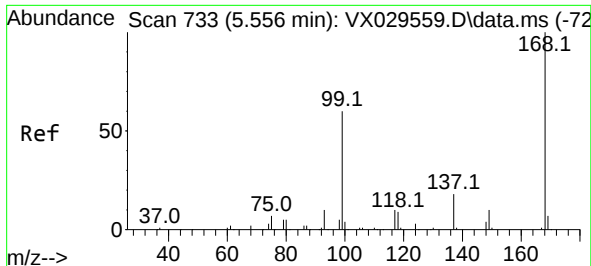
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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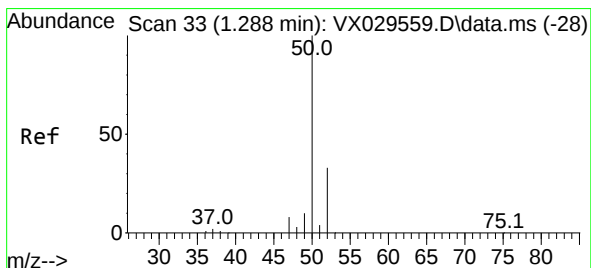
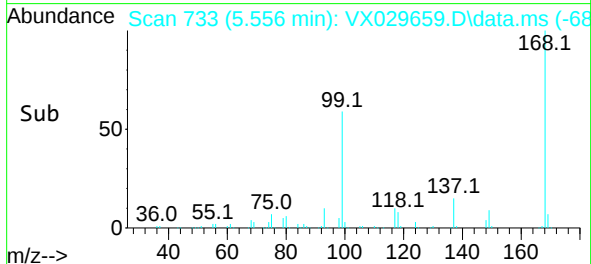
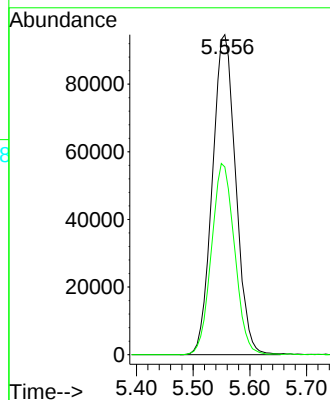
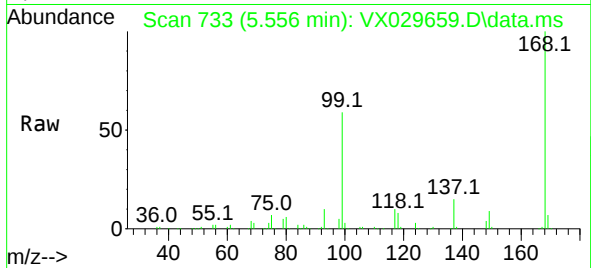




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

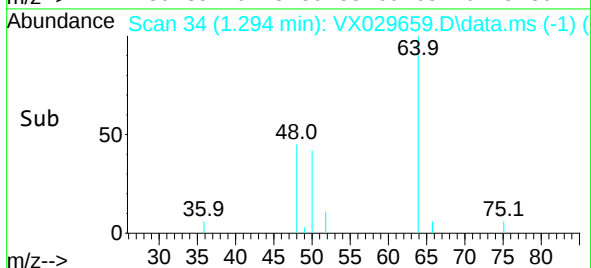
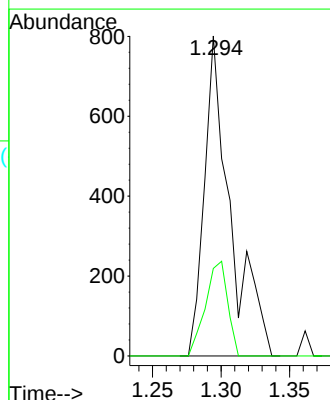
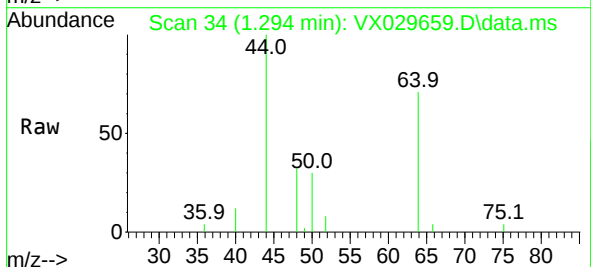
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

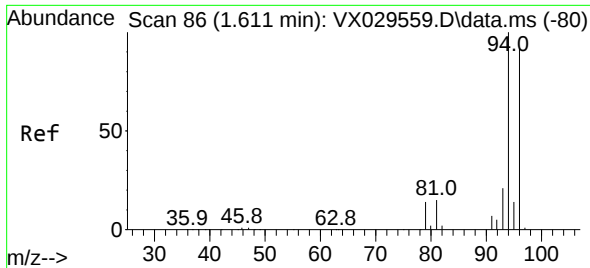
Tgt Ion:168 Resp: 270639
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 50 Resp: 1059
Ion Ratio Lower Upper
50 100
52 27.3 26.4 39.6

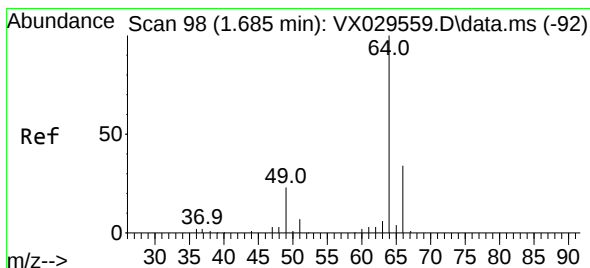
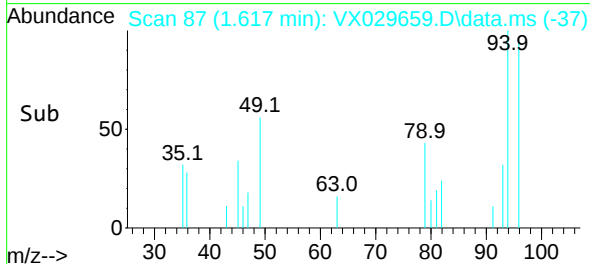
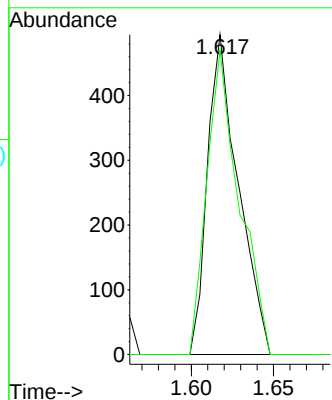
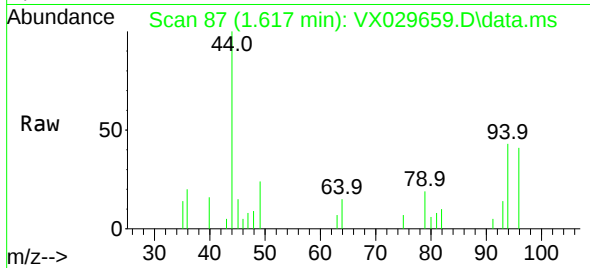




#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

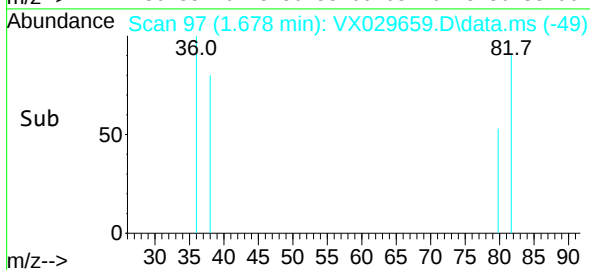
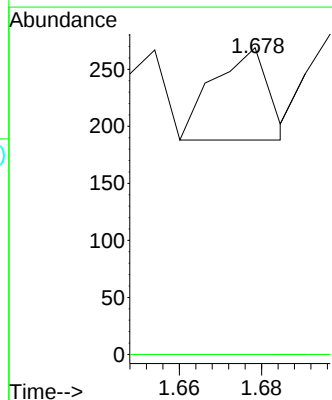
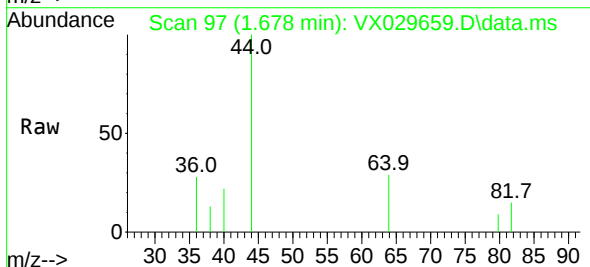
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

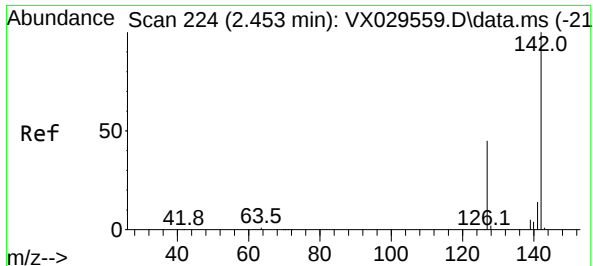
Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 95.1 75.3 112.9



#6
Chloroethane
Concen: 1.322 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

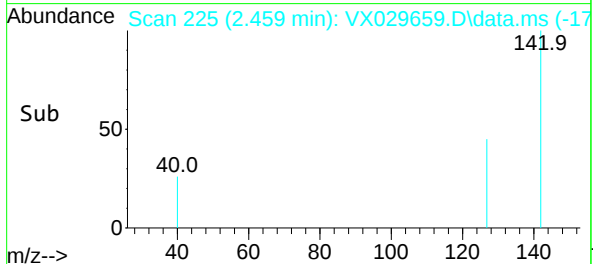
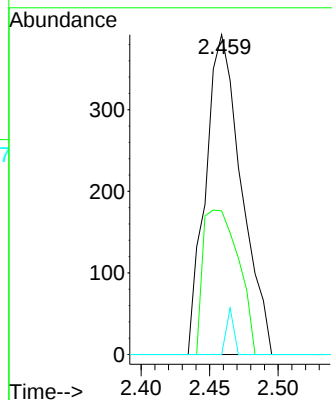
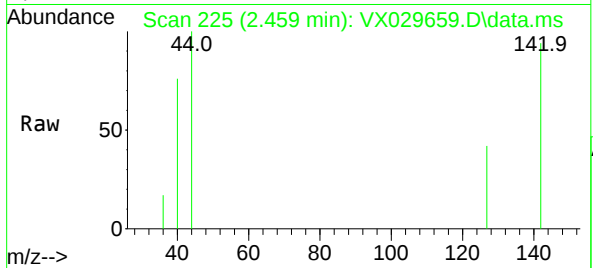




#10
Methyl Iodide
Concen: 3.224 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

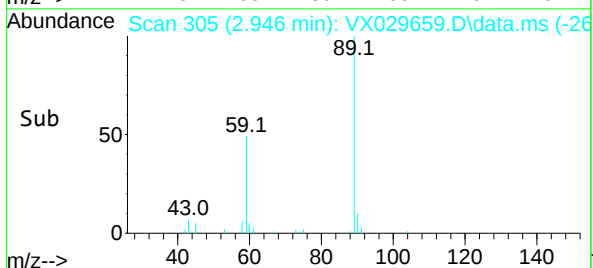
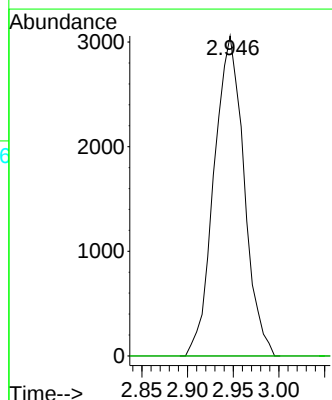
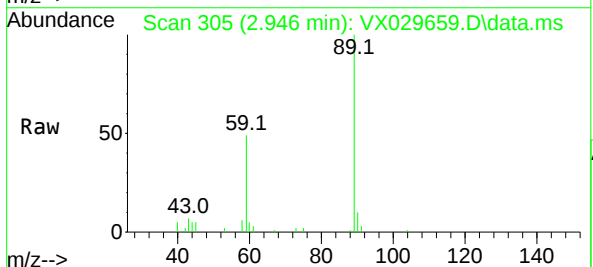
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

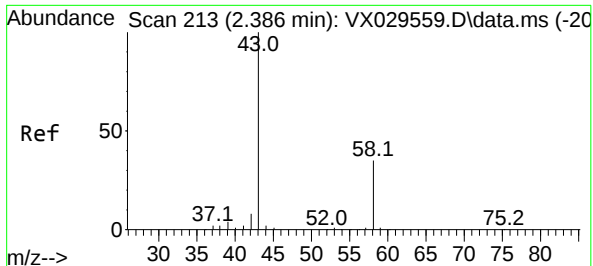
Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
142 100
127 44.6 33.9 50.9
141 2.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 59 Resp: 6989
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

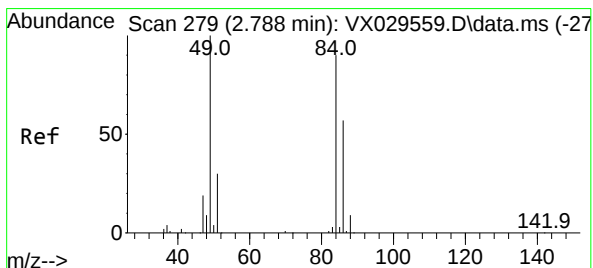
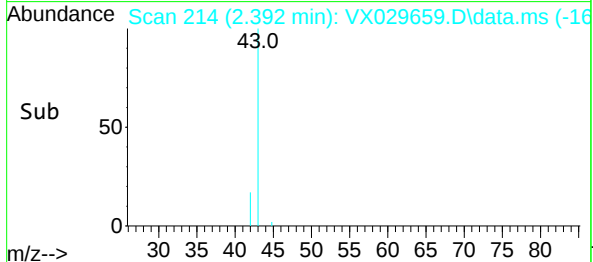
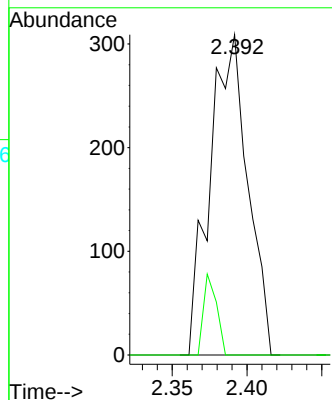
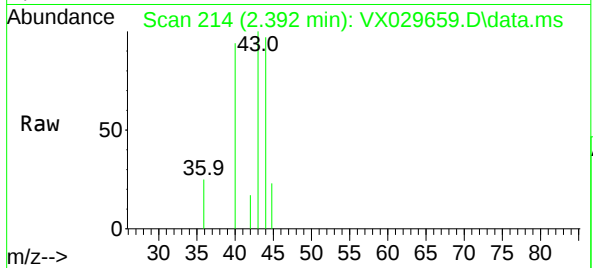




#16
Acetone
Concen: 0.382 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

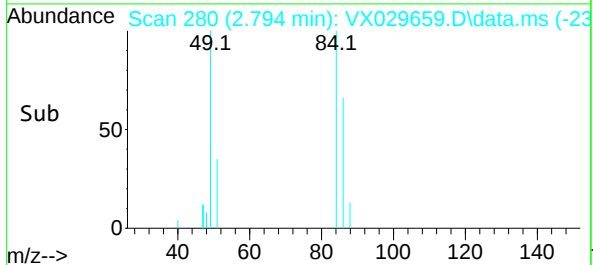
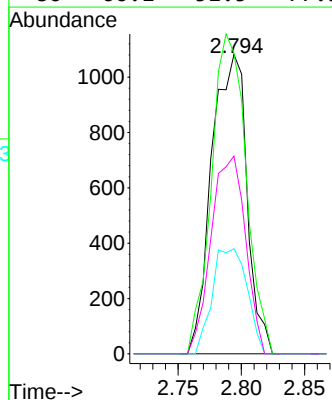
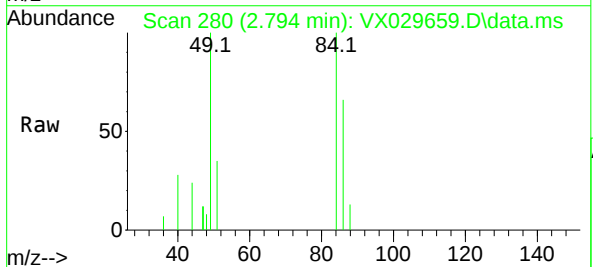
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

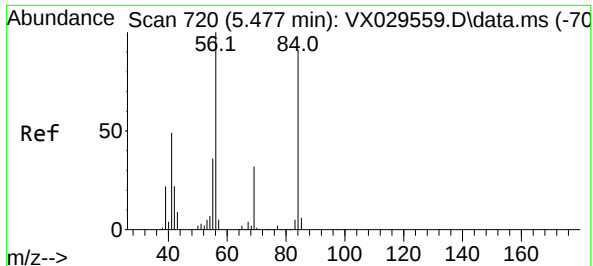
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#20
Methylene Chloride
Concen: 0.657 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

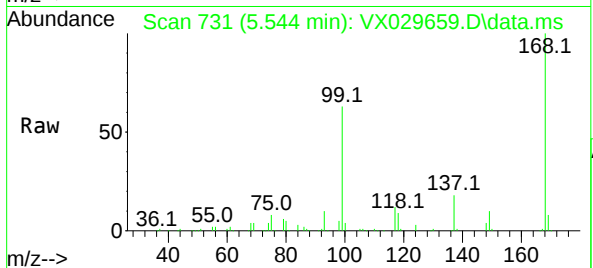
Tgt Ion: 84 Resp: 2091
Ion Ratio Lower Upper
84 100
49 100.4 85.5 128.3
51 35.1 26.6 39.8
86 66.1 51.5 77.3



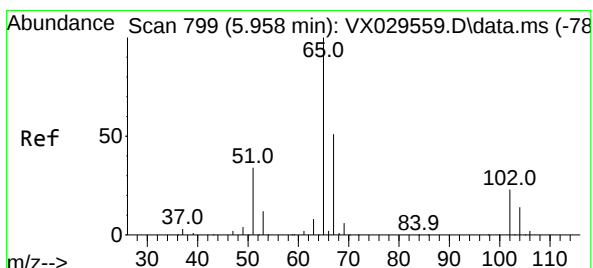
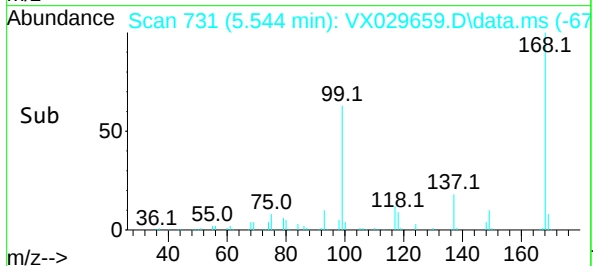
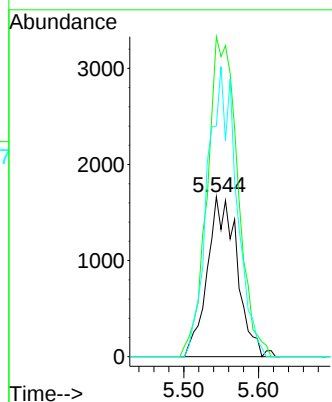


#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

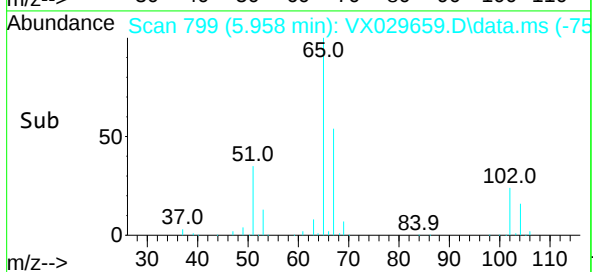
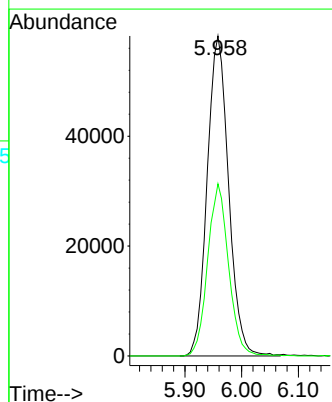
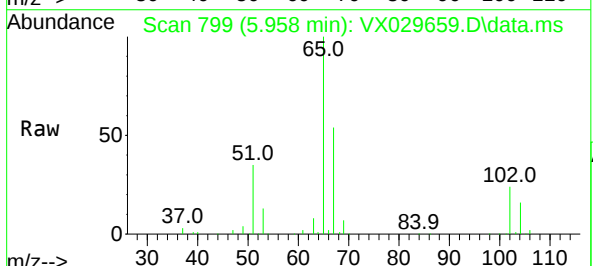


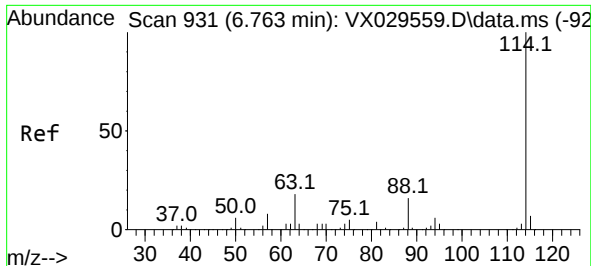
Tgt Ion: 56 Resp: 4619
Ion Ratio Lower Upper
56 100
69 200.2 26.7 40.1#
84 144.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.626 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 65 Resp: 152710
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

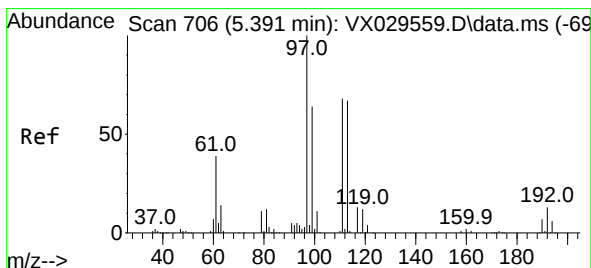
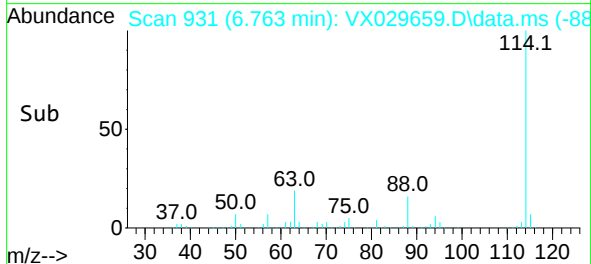
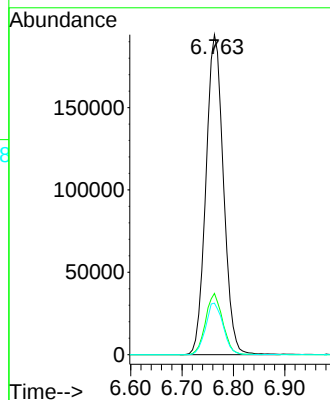
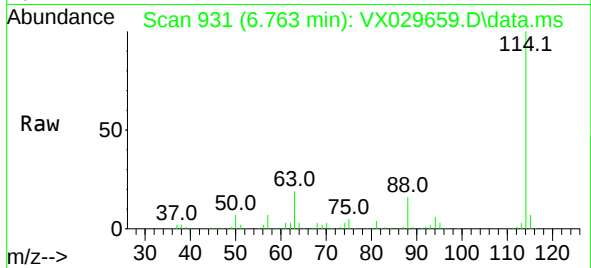




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

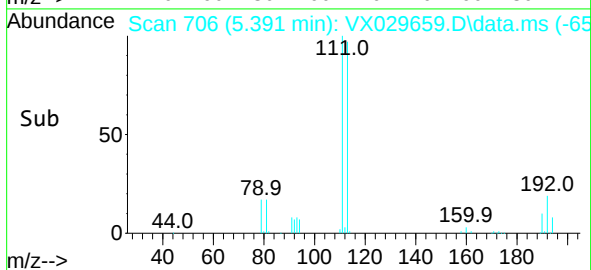
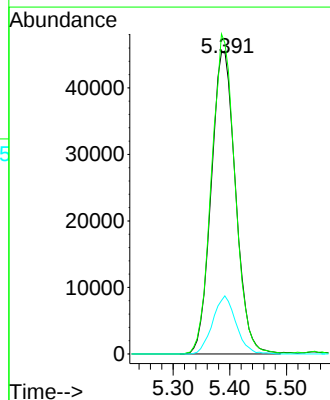
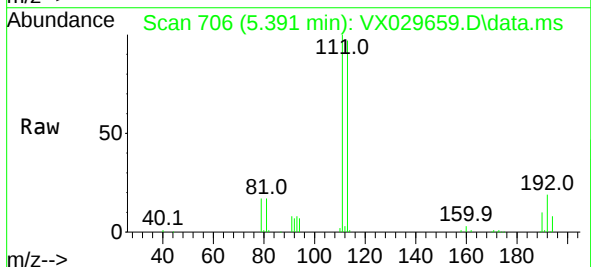
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ClientSampleId :
VX0621WBL02

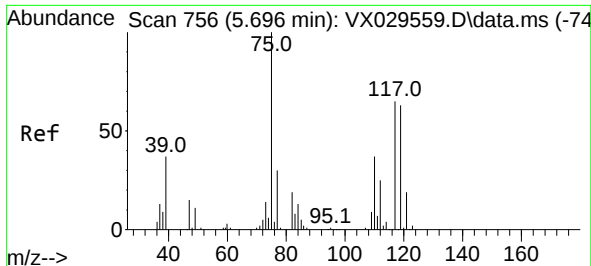
Tgt Ion:114 Resp: 459472
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.307 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion:113 Resp: 135663
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.4 16.9 25.3

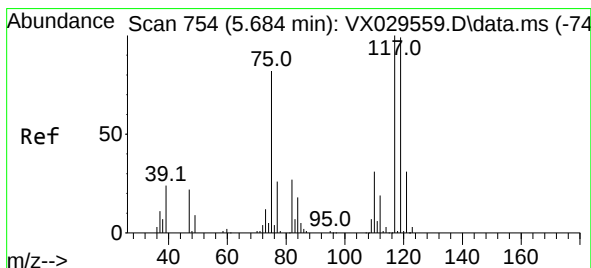
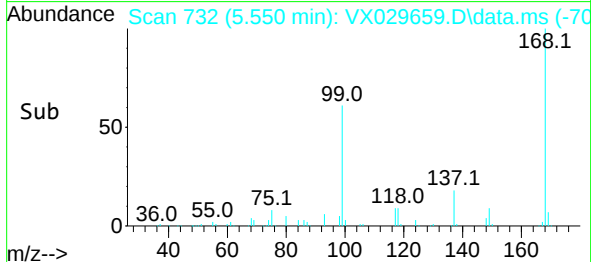
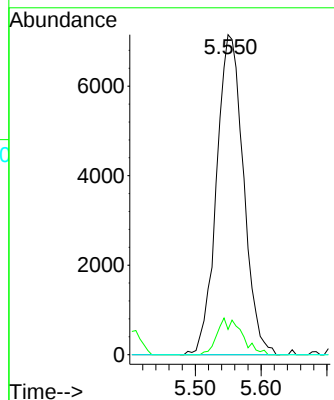
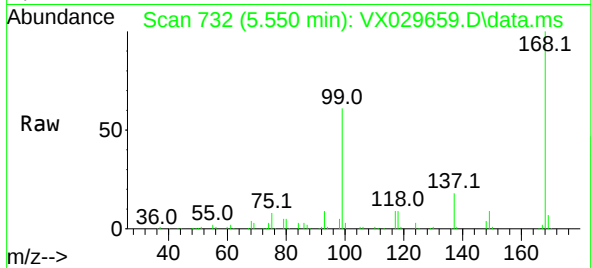




#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

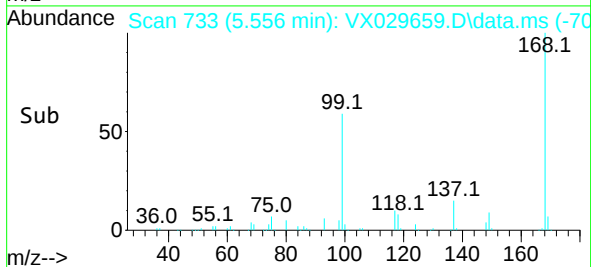
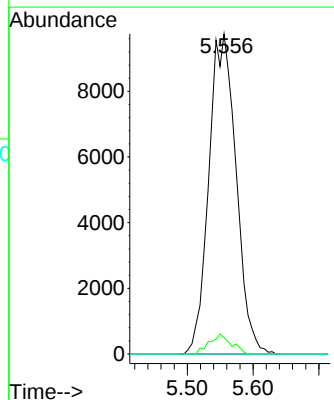
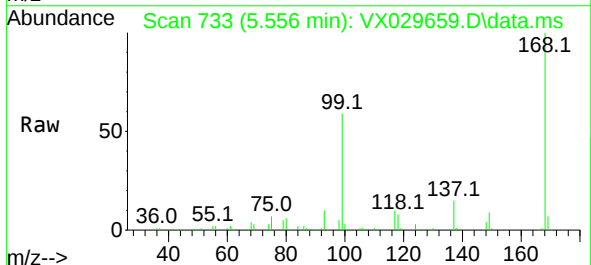
Instrument :
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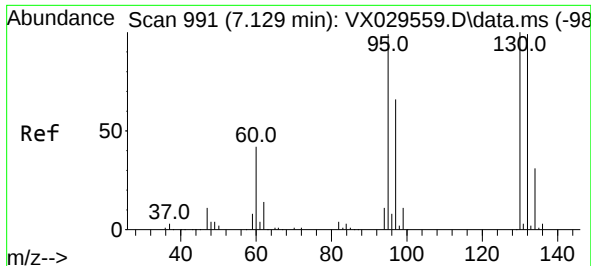
Tgt Ion: 75 Resp: 20375
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.064 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 117 Resp: 28152
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

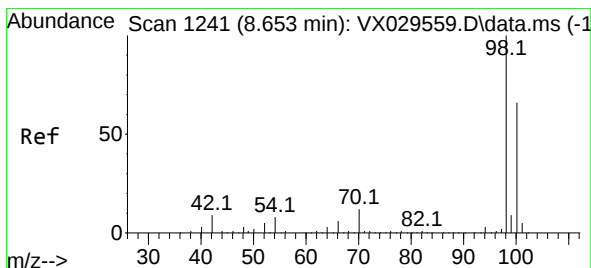
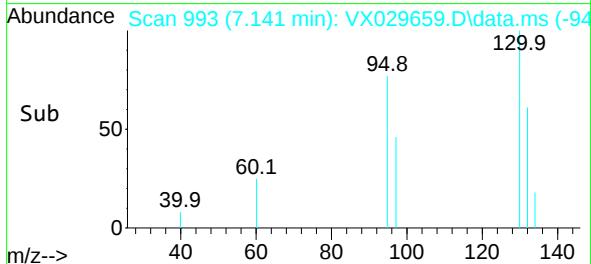
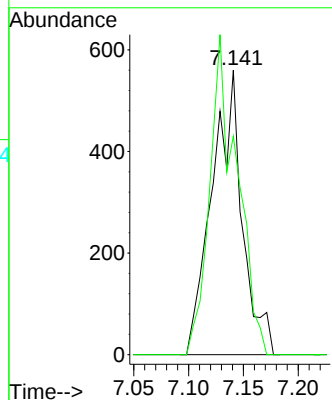
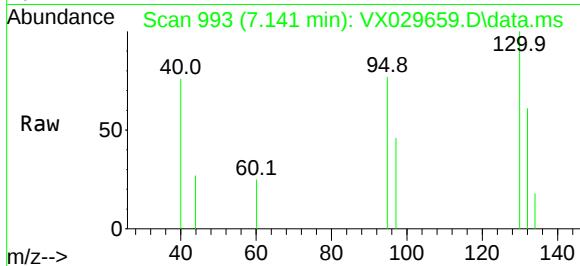




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

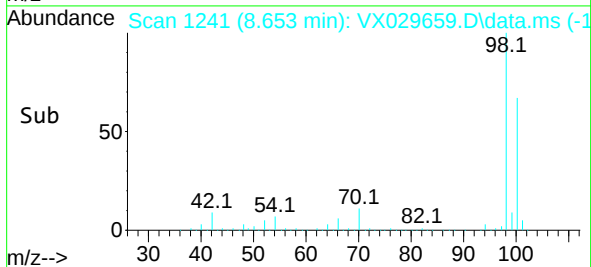
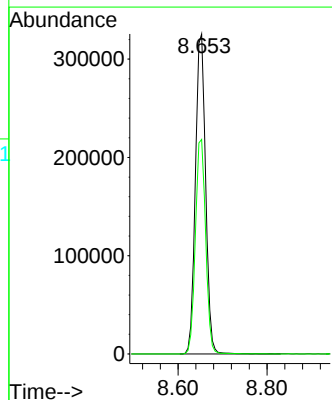
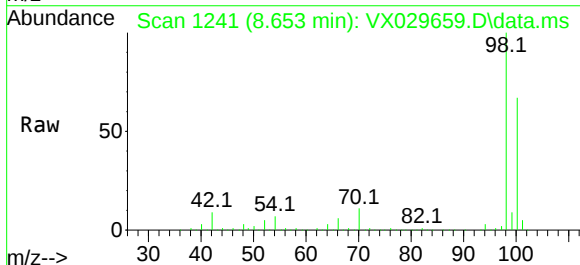
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

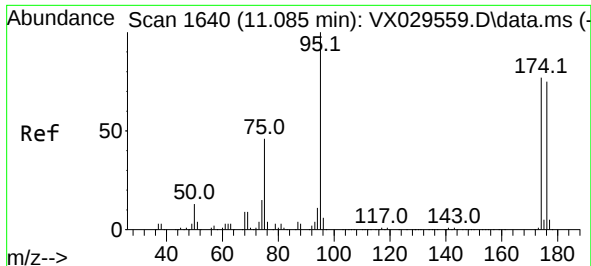
Tgt Ion:130 Resp: 1071
Ion Ratio Lower Upper
130 100
95 76.8 0.0 188.8



#50
Toluene-d8
Concen: 47.290 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 98 Resp: 517291
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

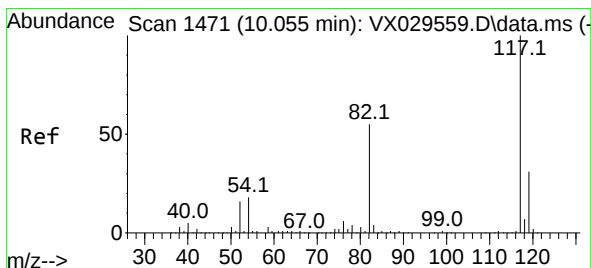
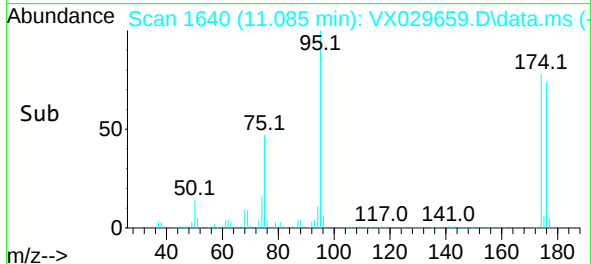
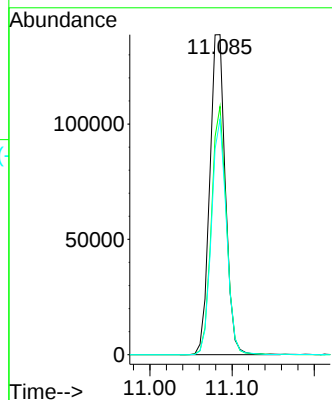
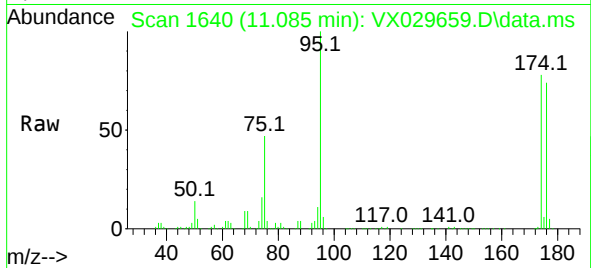




#62
4-Bromofluorobenzene
Concen: 44.314 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

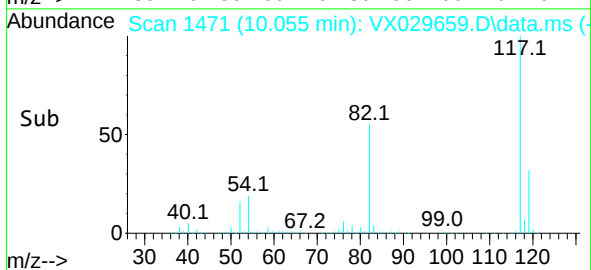
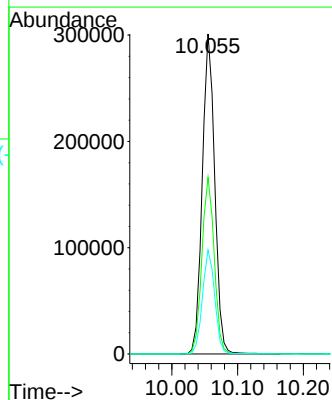
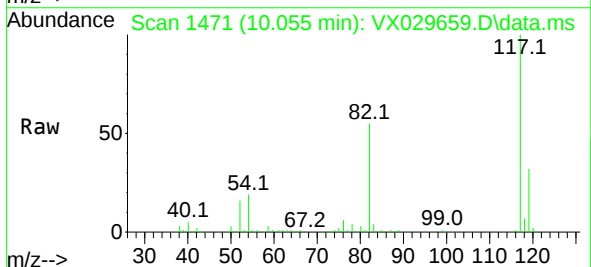
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

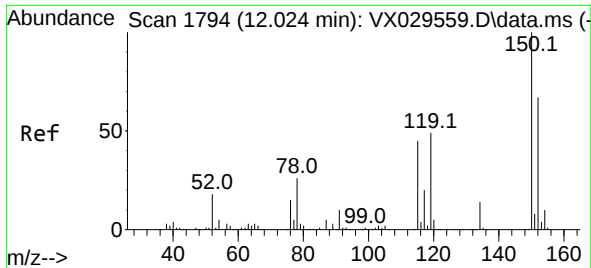
Tgt Ion: 95 Resp: 182801
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 70.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 117 Resp: 396328
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.5 24.8 37.2

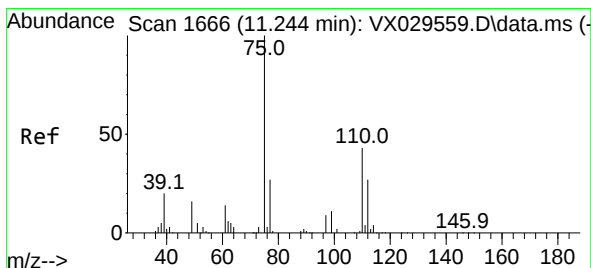
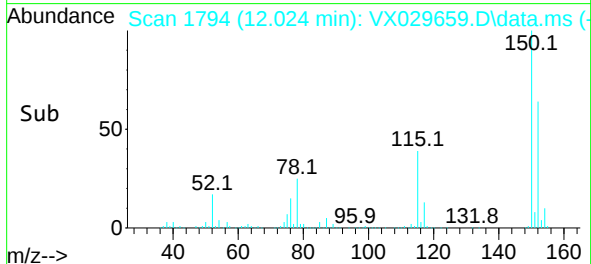
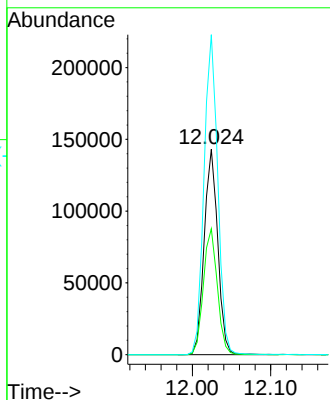
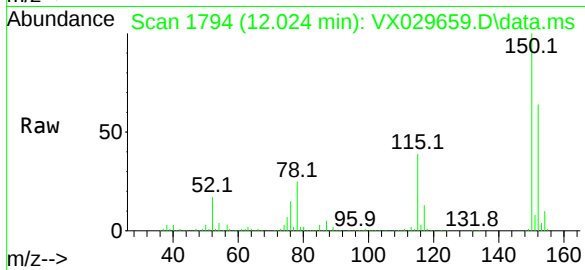




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

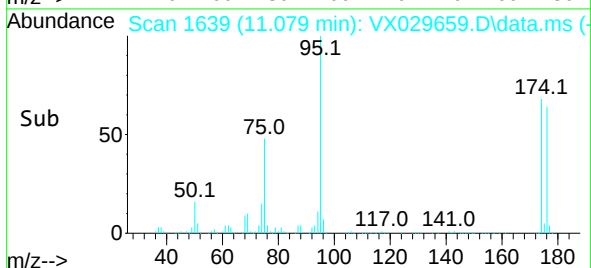
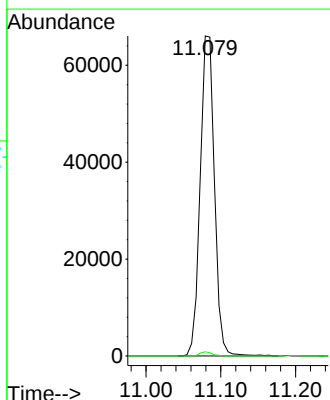
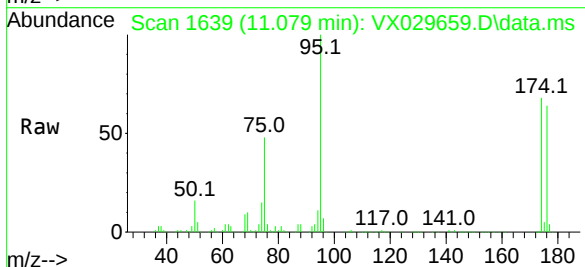
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

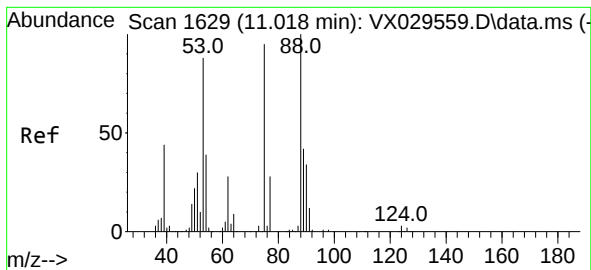
Tgt Ion:152 Resp: 171596
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 75 Resp: 87533
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.898 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029659.D
Acq: 21 Jun 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL02

Tgt Ion: 75 Resp: 87533
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

