

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029692.D
 Acq On : 22 Jun 2022 12:31
 Operator : JC/MD
 Sample : N3354-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB061422

Quant Time: Jun 23 01:09:02 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)

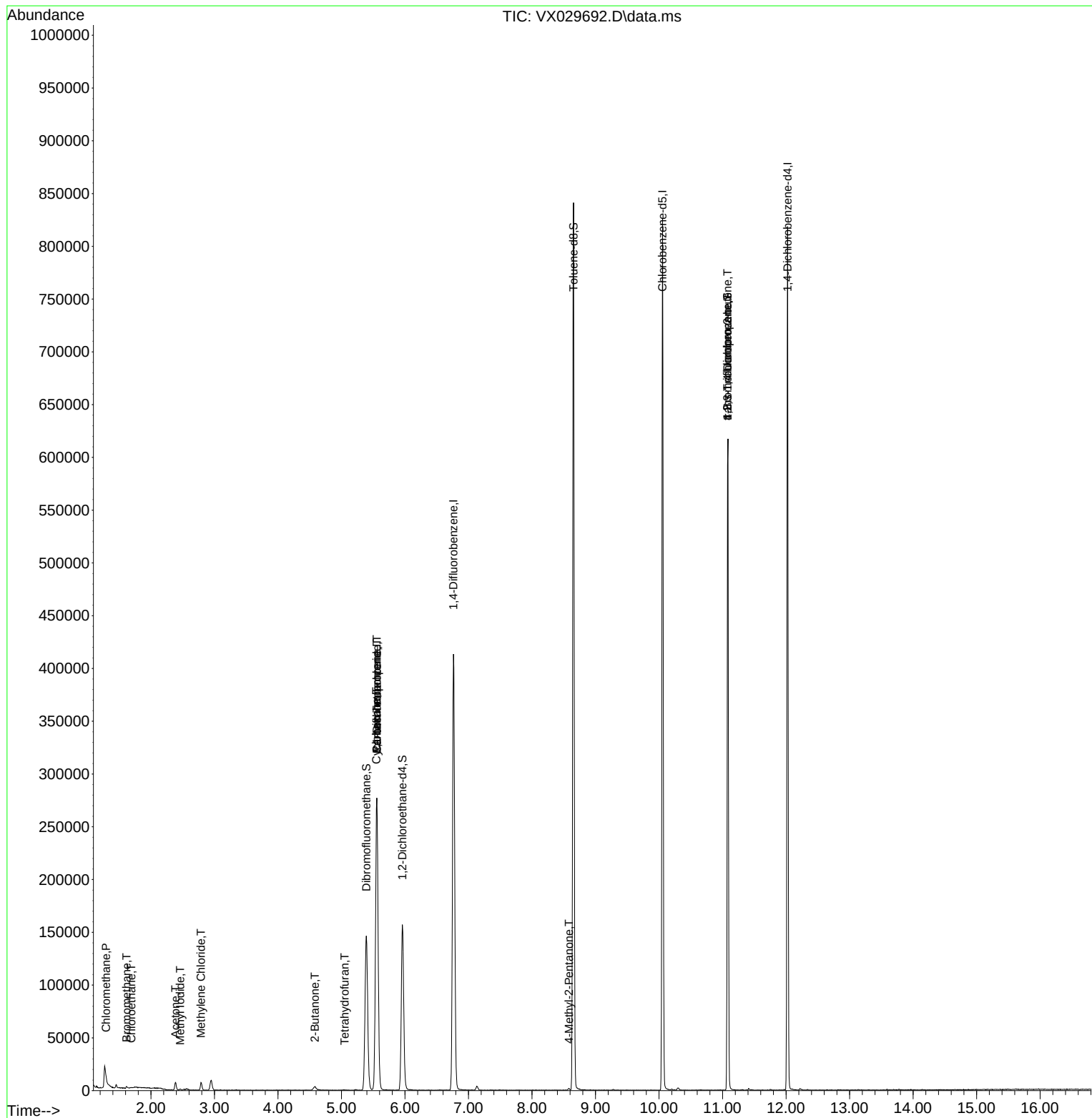
Internal Standards						
1) Pentafluorobenzene	5.556	168	266466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149276	42.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.640%		
35) Dibromofluoromethane	5.391	113	132510	44.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.640%		
50) Toluene-d8	8.653	98	510797	47.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	11.079	95	182541	44.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.640%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1244	0.358	ug/l	92
5) Bromomethane	1.618	94	695	0.426	ug/l #	79
6) Chloroethane	1.691	64	3031	2.474	ug/l #	43
10) Methyl Iodide	2.459	142	922	3.289	ug/l #	90
11) Tert butyl alcohol	2.947	59	5698	Below Cal	#	74
16) Acetone	2.386	43	7879	5.604	ug/l	98
20) Methylene Chloride	2.788	84	3343	1.068	ug/l	93
25) 2-Butanone	4.580	43	1815	0.817	ug/l	100
29) Tetrahydrofuran	5.050	42	535	0.361	ug/l #	32
31) Cyclohexane	5.550	56	4655	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19260	4.814	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26531	6.743	ug/l #	15
44) Trichloroethene	7.129	130	1658	Below Cal		84
51) 4-Methyl-2-Pentanone	8.580	43	1075	0.262	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	85807	22.923	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85807	76.258	ug/l #	15

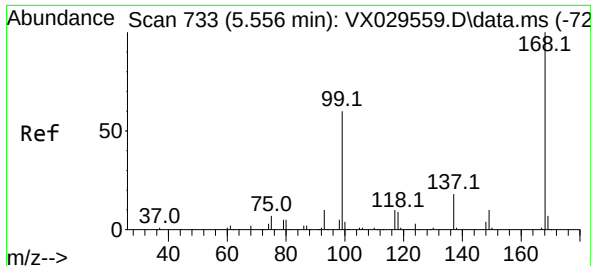
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FB061422

Quant Time: Jun 23 01:09:02 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

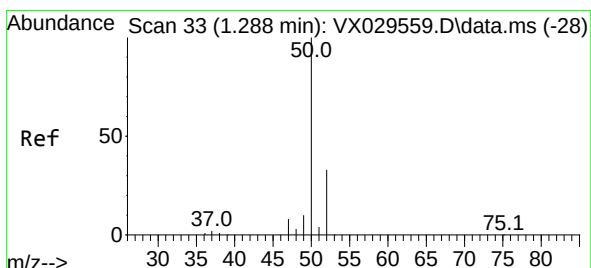
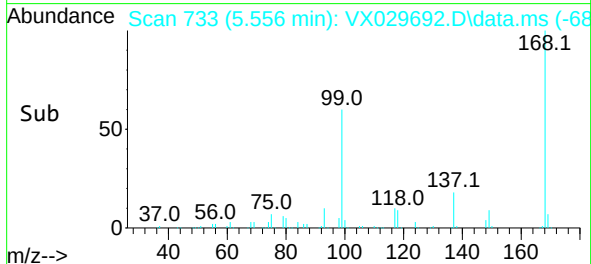
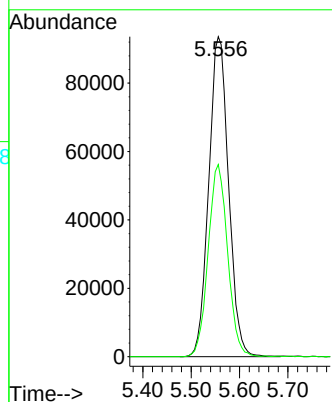
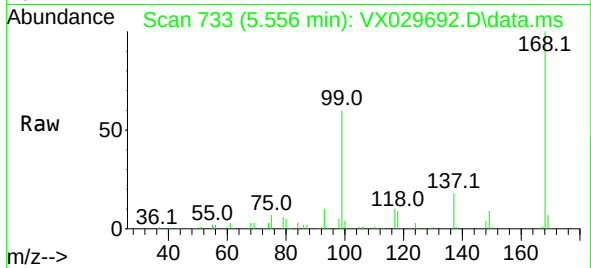




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

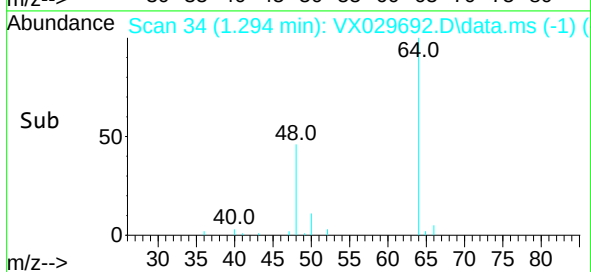
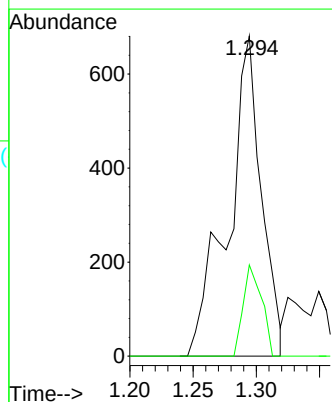
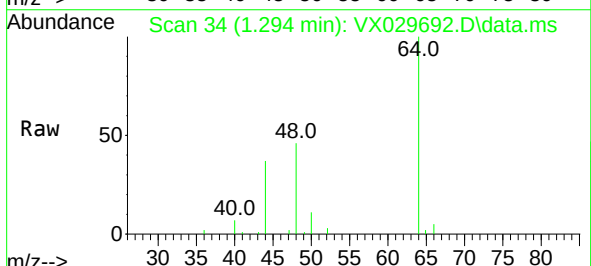
Instrument :
MSVOA_X
ClientSampleId :
FB061422

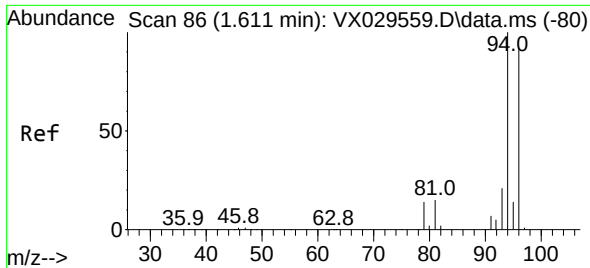
Tgt Ion:168 Resp: 266466
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion: 50 Resp: 1244
Ion Ratio Lower Upper
50 100
52 28.5 26.4 39.6

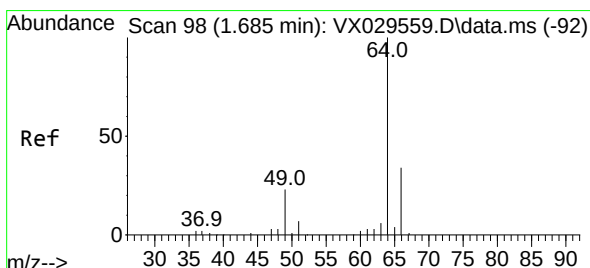
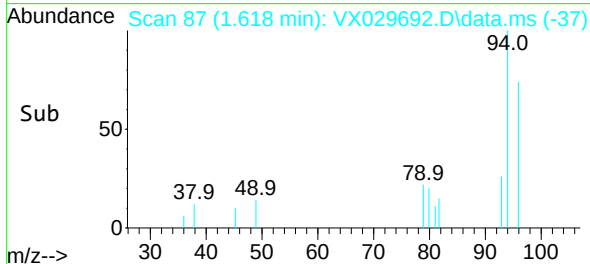
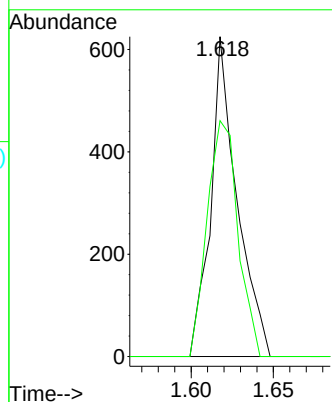
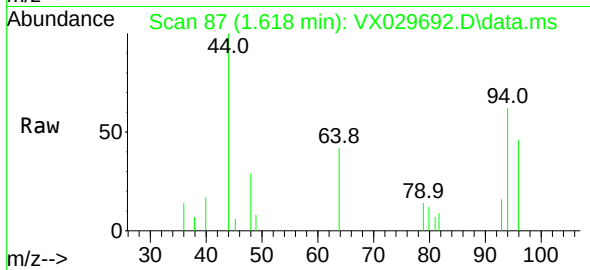




#5
Bromomethane
Concen: 0.426 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

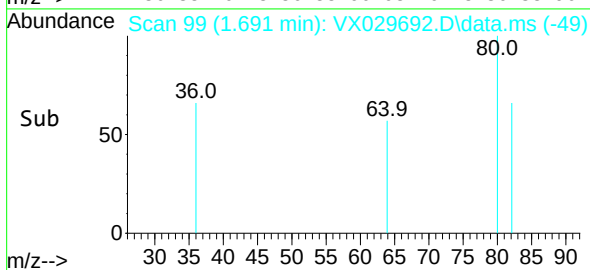
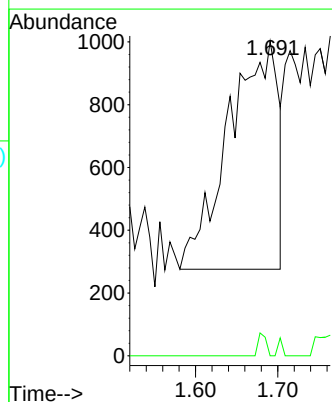
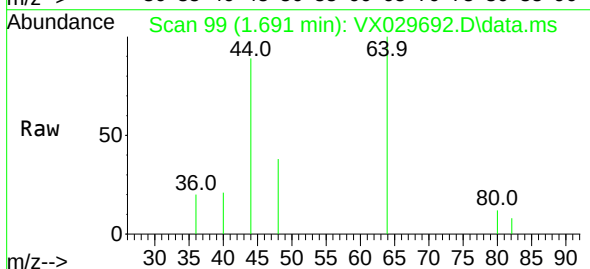
Instrument :
MSVOA_X
ClientSampleId :
FB061422

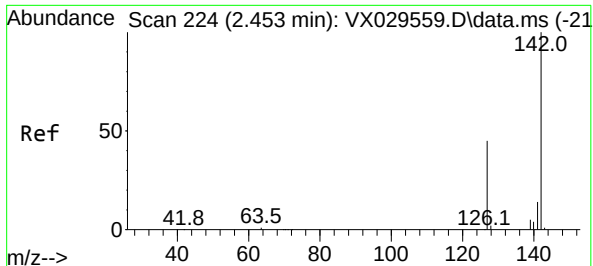
Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 73.8 75.3 112.9#



#6
Chloroethane
Concen: 2.474 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

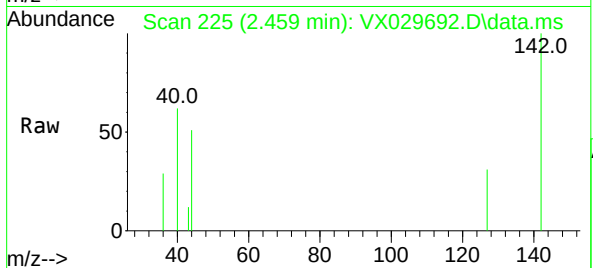
Tgt Ion: 64 Resp: 3031
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



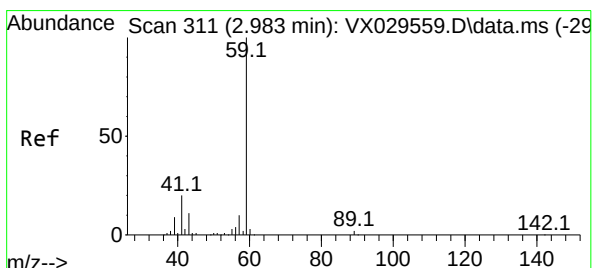
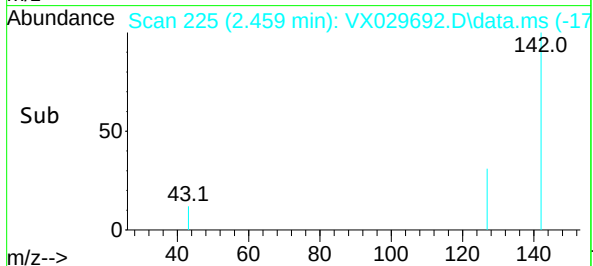
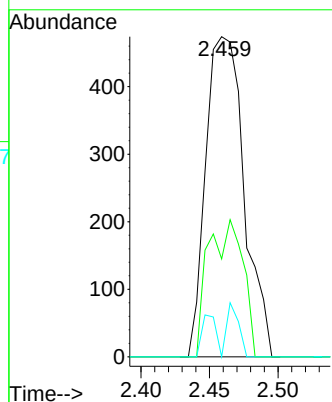


#10
Methyl Iodide
Concen: 3.289 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB061422

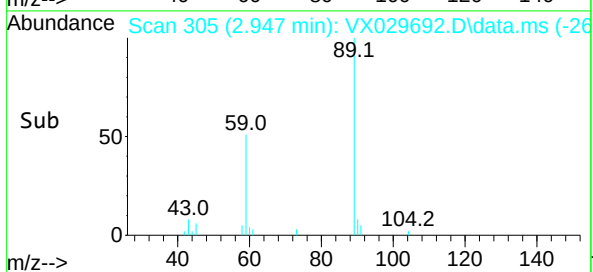
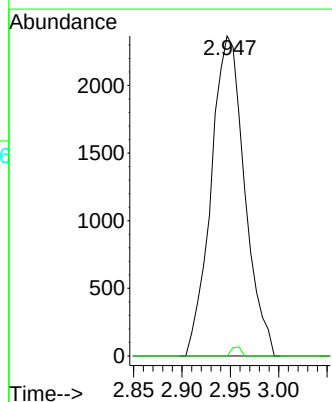
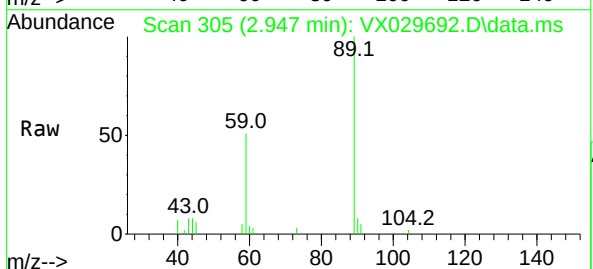


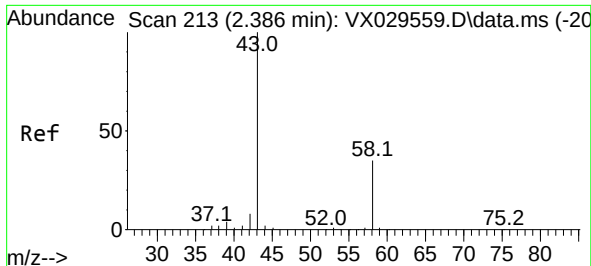
Tgt Ion:142 Resp: 922
Ion Ratio Lower Upper
142 100
127 38.7 33.9 50.9
141 5.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion: 59 Resp: 5698
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

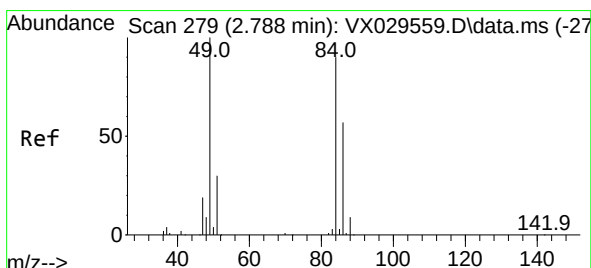
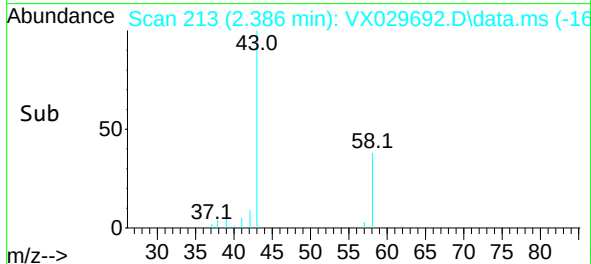
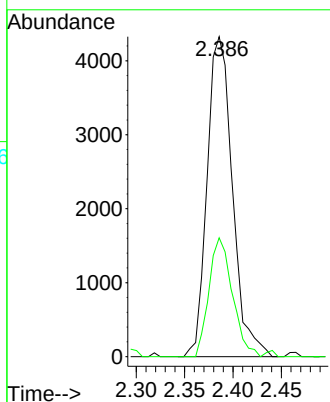
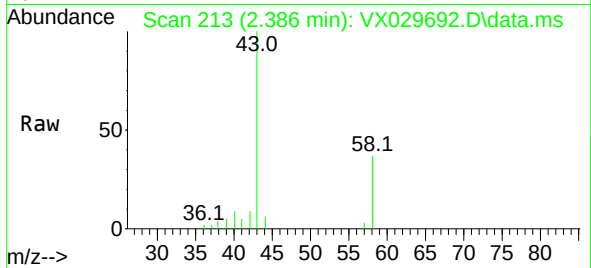




#16
 Acetone
 Concen: 5.604 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

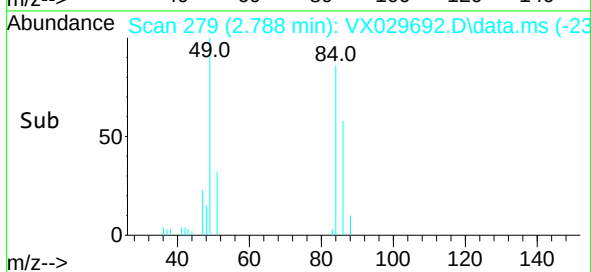
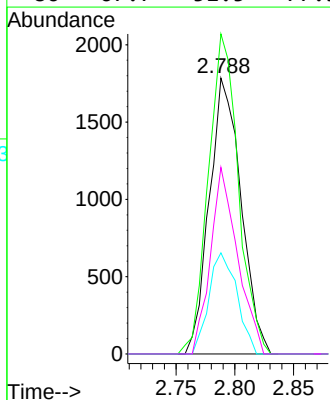
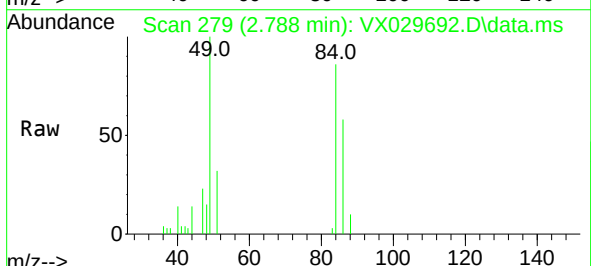
Instrument :
 MSVOA_X
 ClientSampleId :
 FB061422

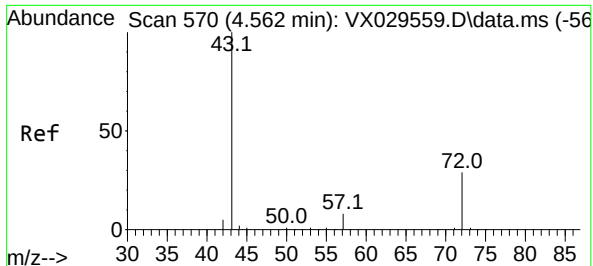
Tgt Ion: 43 Resp: 7879
 Ion Ratio Lower Upper
 43 100
 58 37.1 28.8 43.2



#20
 Methylene Chloride
 Concen: 1.068 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

Tgt Ion: 84 Resp: 3343
 Ion Ratio Lower Upper
 84 100
 49 116.0 85.5 128.3
 51 36.7 26.6 39.8
 86 67.7 51.5 77.3





#25

2-Butanone

Concen: 0.817 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029692.D

Acq: 22 Jun 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

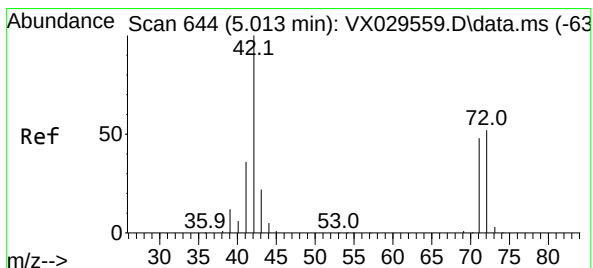
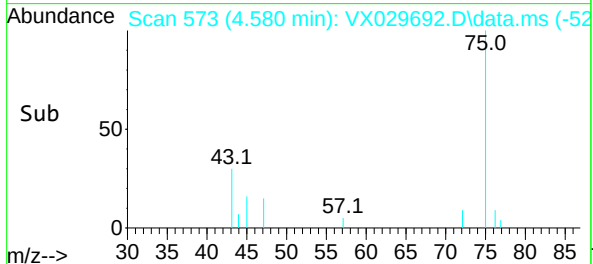
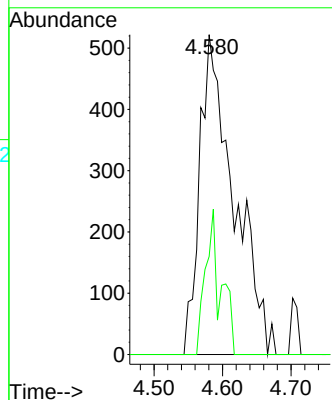
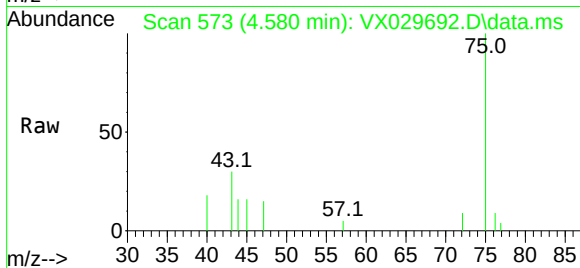
FB061422

Tgt Ion: 43 Resp: 1815

Ion Ratio Lower Upper

43 100

72 30.7 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.361 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX029692.D

Acq: 22 Jun 2022 12:31

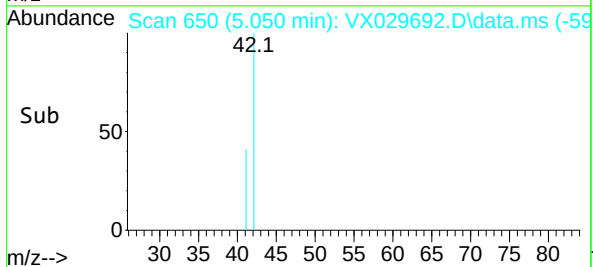
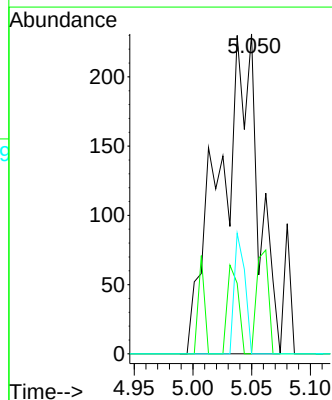
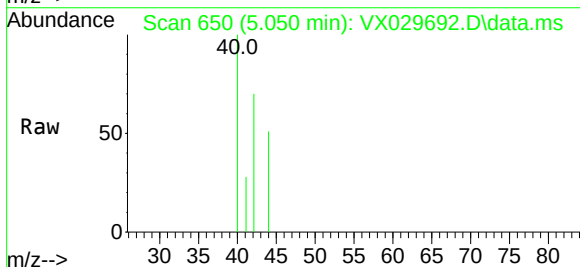
Tgt Ion: 42 Resp: 535

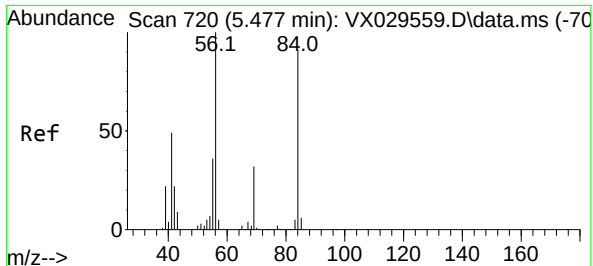
Ion Ratio Lower Upper

42 100

72 9.9 44.1 66.1#

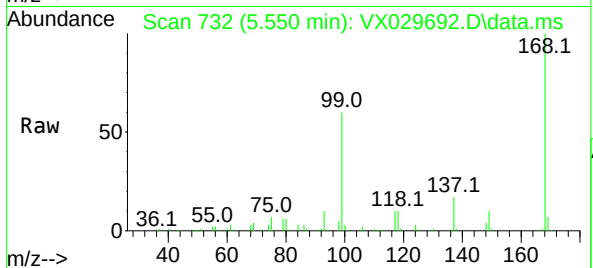
71 0.0 40.5 60.7#



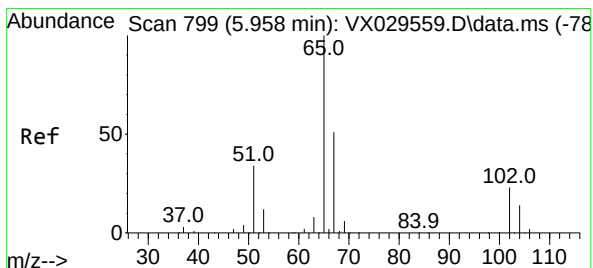
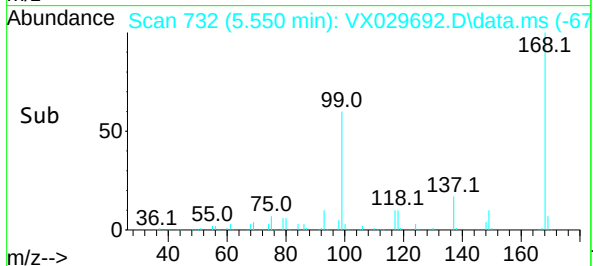
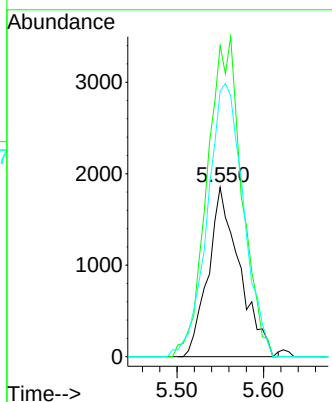


#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB061422

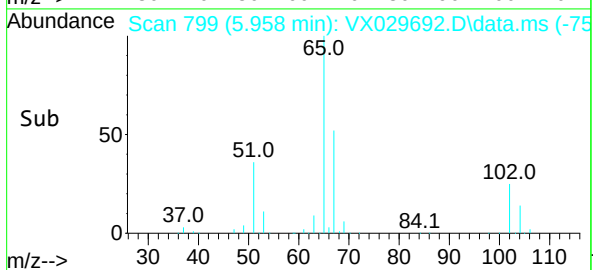
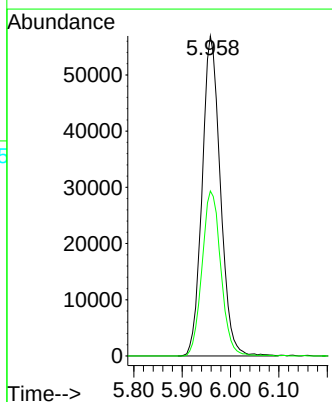
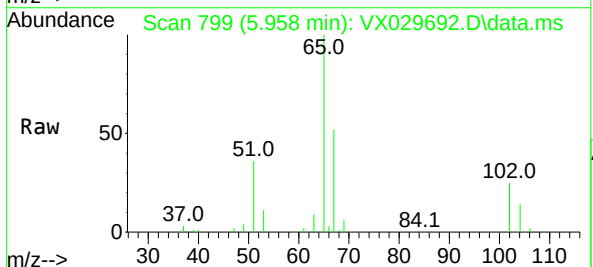


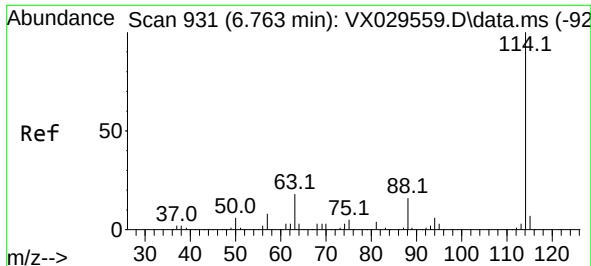
Tgt Ion: 56 Resp: 4655
Ion Ratio Lower Upper
56 100
69 183.7 26.7 40.1#
84 156.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.320 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion: 65 Resp: 149276
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

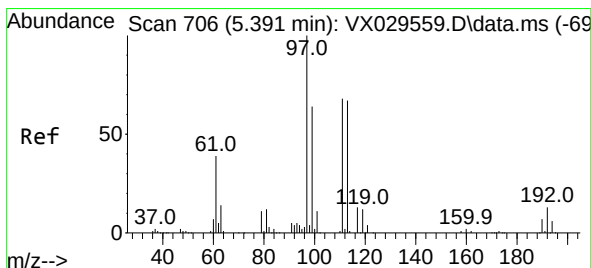
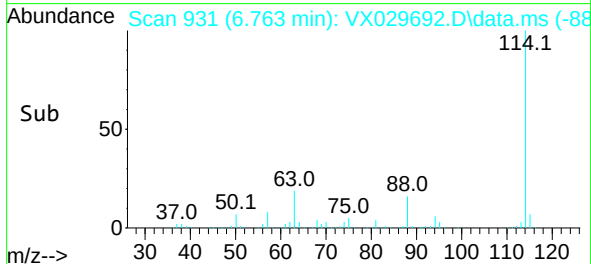
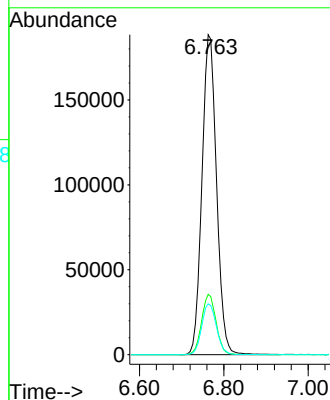
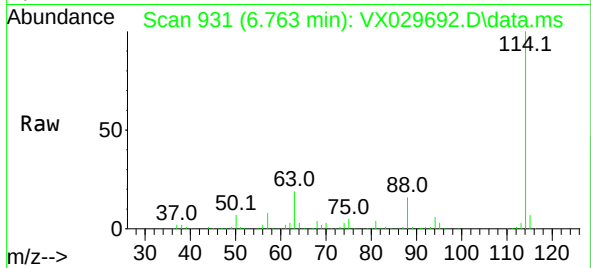




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

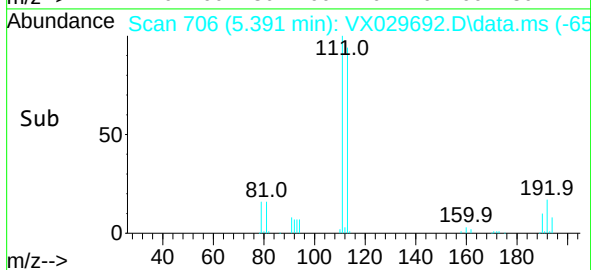
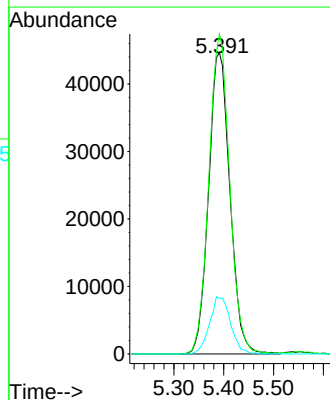
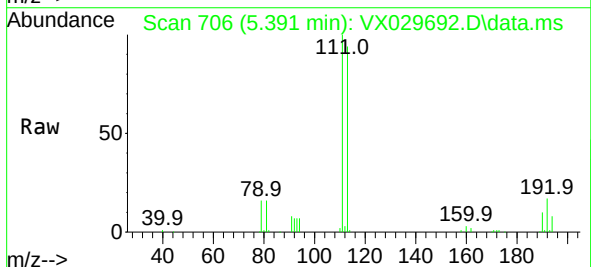
Instrument :
MSVOA_X
ClientSampleId :
FB061422

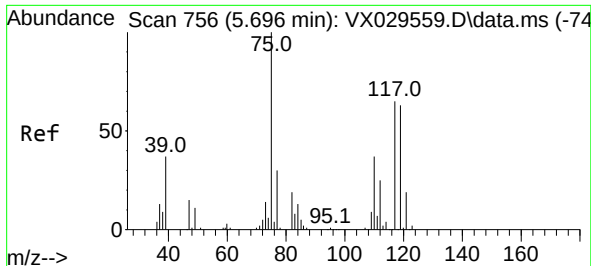
Tgt Ion:114 Resp: 453629
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.824 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion:113 Resp: 132510
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.7 16.9 25.3

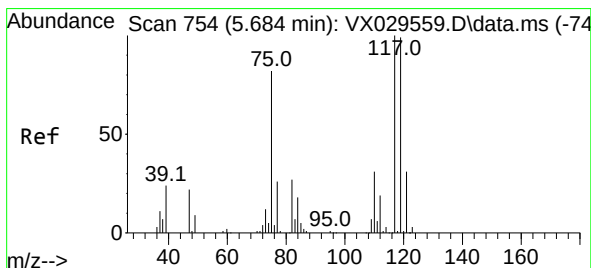
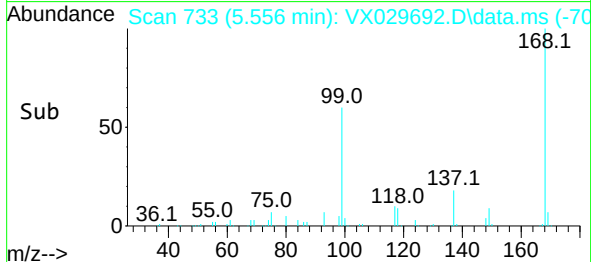
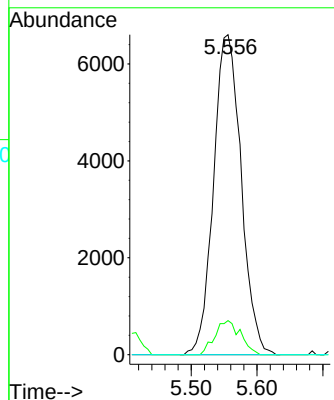
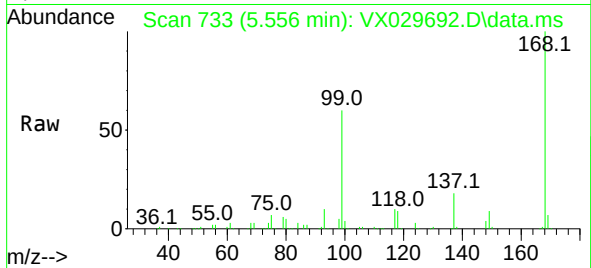




#36
 1,1-Dichloropropene
 Concen: 4.814 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

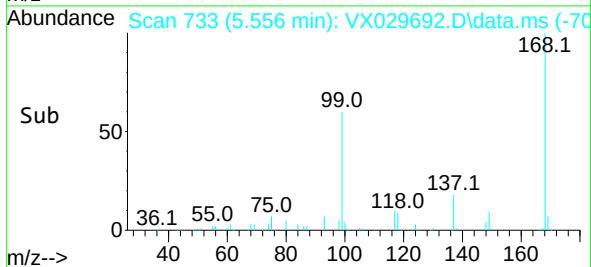
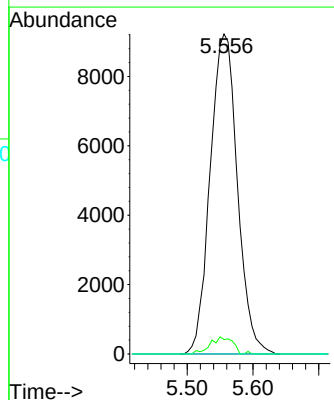
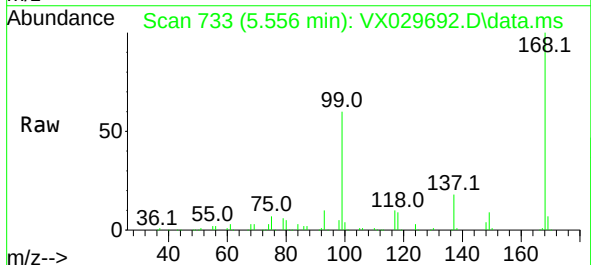
Instrument :
 MSVOA_X
 ClientSampleId :
 FB061422

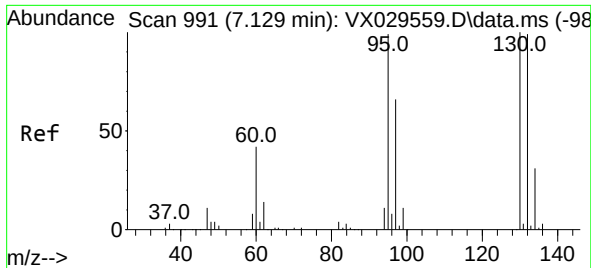
Tgt Ion: 75 Resp: 19260
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.743 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

Tgt Ion: 117 Resp: 26531
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.3 115.9#
 121 0.0 24.2 36.2#

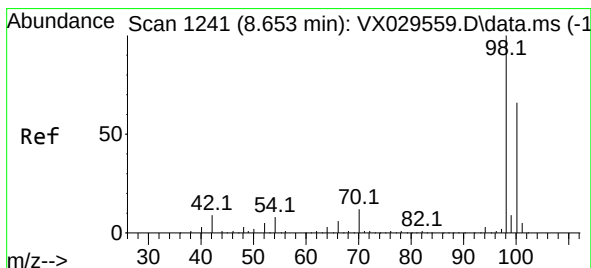
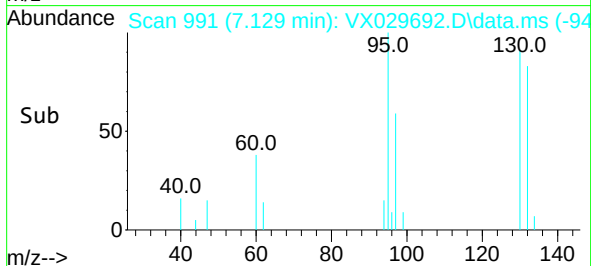
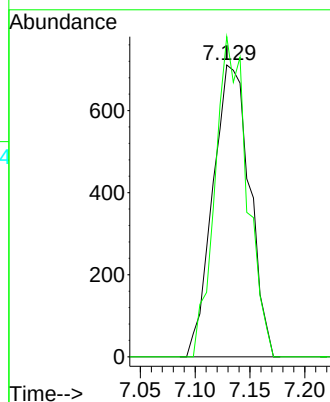
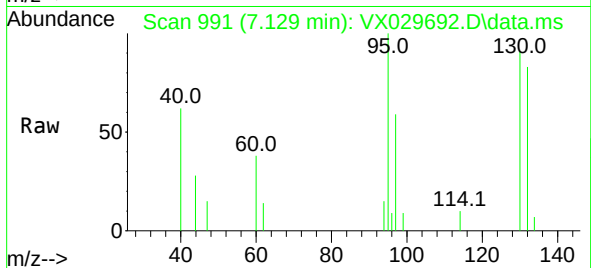




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

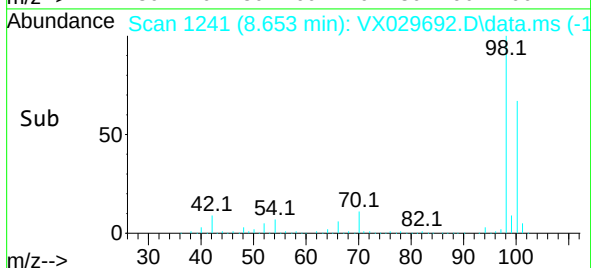
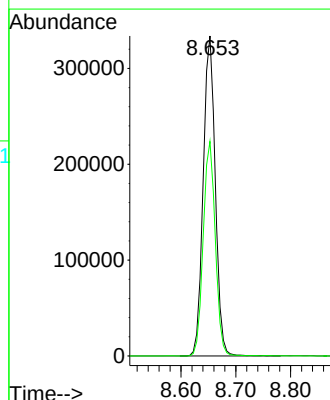
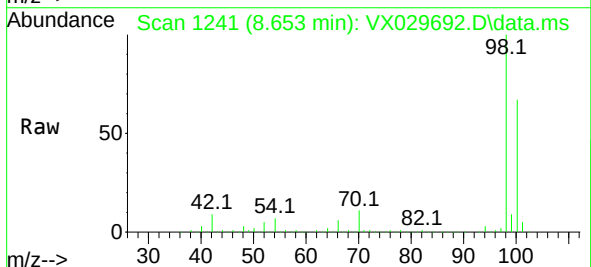
Instrument :
 MSVOA_X
 ClientSampleId :
 FB061422

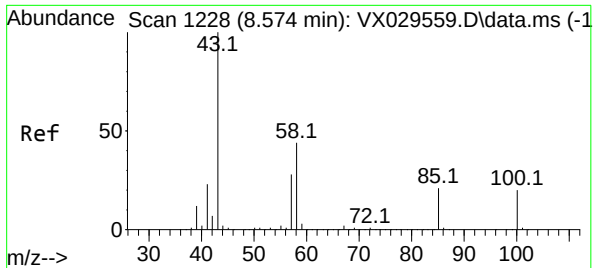
Tgt Ion:130 Resp: 1658
 Ion Ratio Lower Upper
 130 100
 95 109.7 0.0 188.8



#50
 Toluene-d8
 Concen: 47.297 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029692.D
 Acq: 22 Jun 2022 12:31

Tgt Ion: 98 Resp: 510797
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.6 78.8

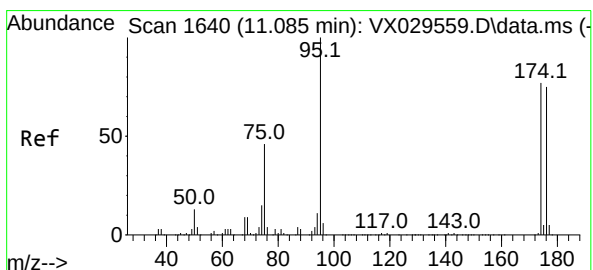
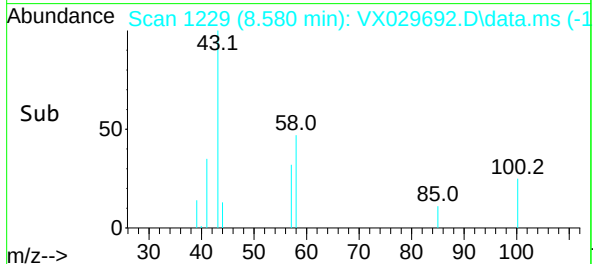
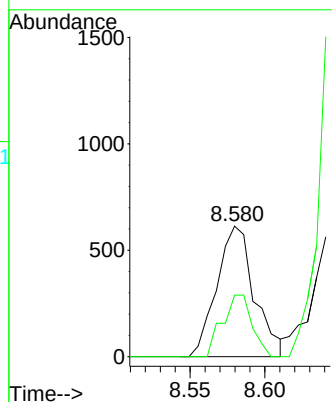
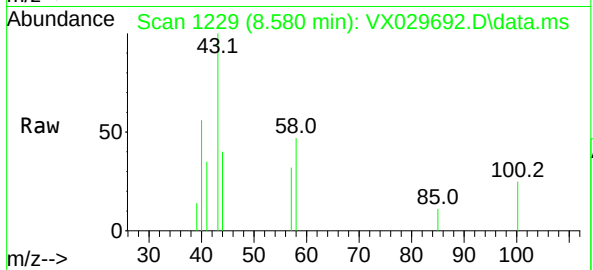




#51
4-Methyl-2-Pentanone
Concen: 0.262 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

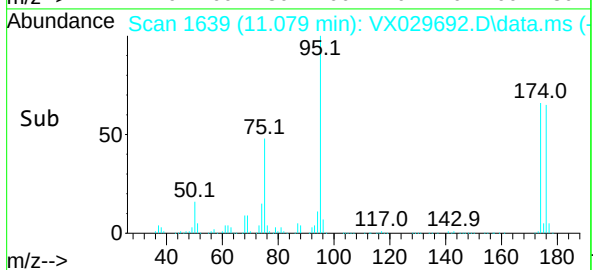
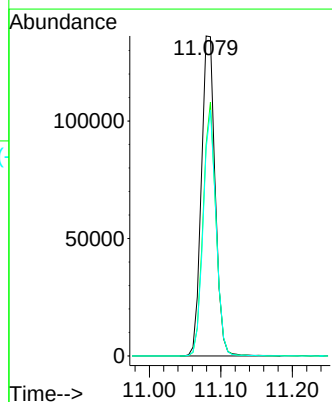
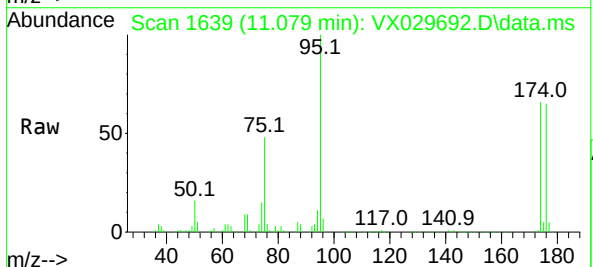
Instrument :
MSVOA_X
ClientSampleId :
FB061422

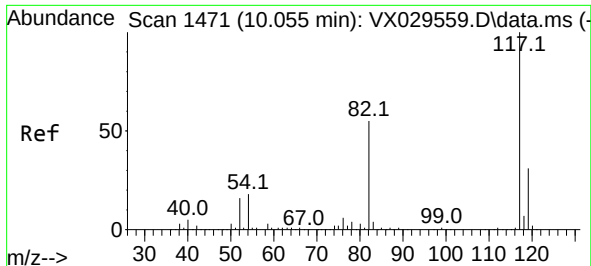
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 37.0 36.1 54.1



#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion: 95 Resp: 182541
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 72.2 0.0 155.0

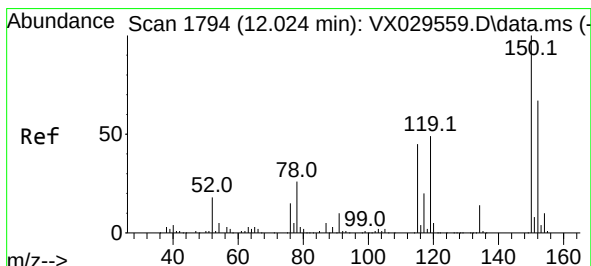
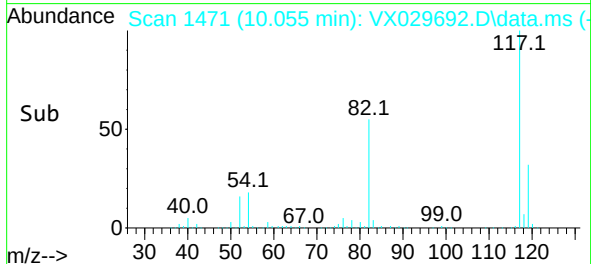
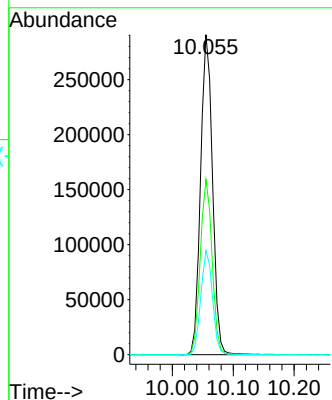
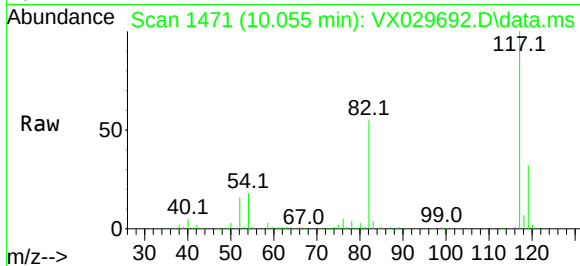




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

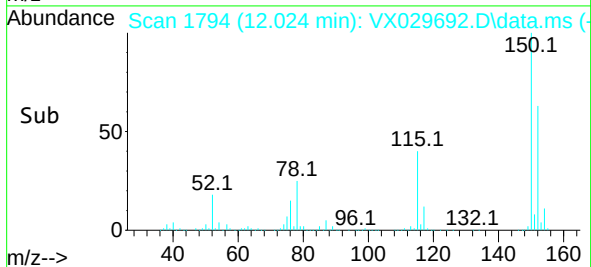
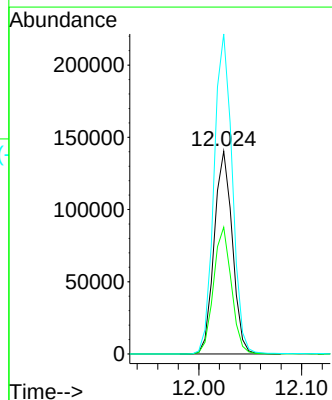
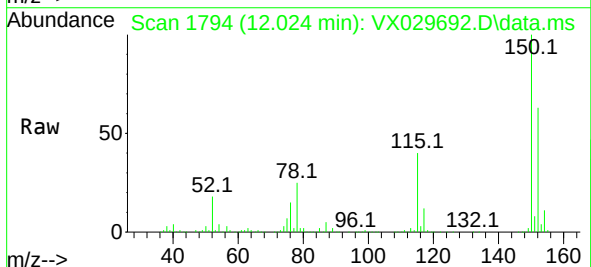
Instrument :
MSVOA_X
ClientSampleId :
FB061422

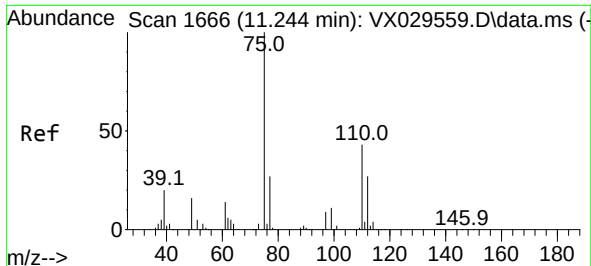
Tgt Ion:117 Resp: 396633
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion:152 Resp: 171830
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 158.5 0.0 338.2

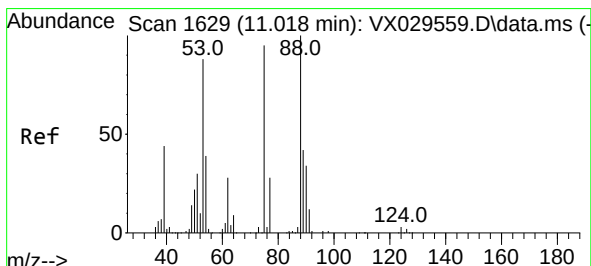
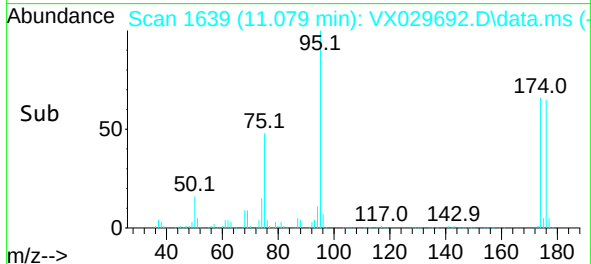
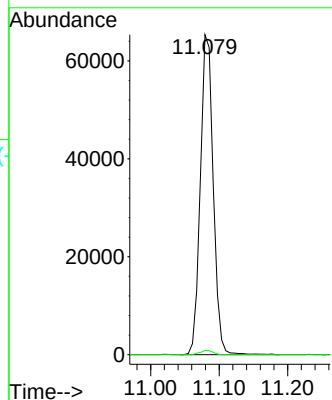
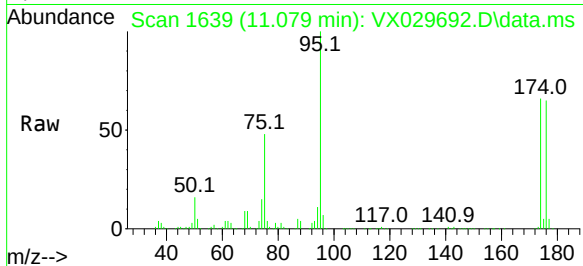




#76
1,2,3-Trichloropropane
Concen: 22.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB061422

Tgt Ion: 75 Resp: 85807
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029692.D
Acq: 22 Jun 2022 12:31

Tgt Ion: 75 Resp: 85807
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

