

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029093.D
 Acq On : 31 May 2022 22:45
 Operator : JC/MD
 Sample : N3087-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jun 01 05:02:21 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)

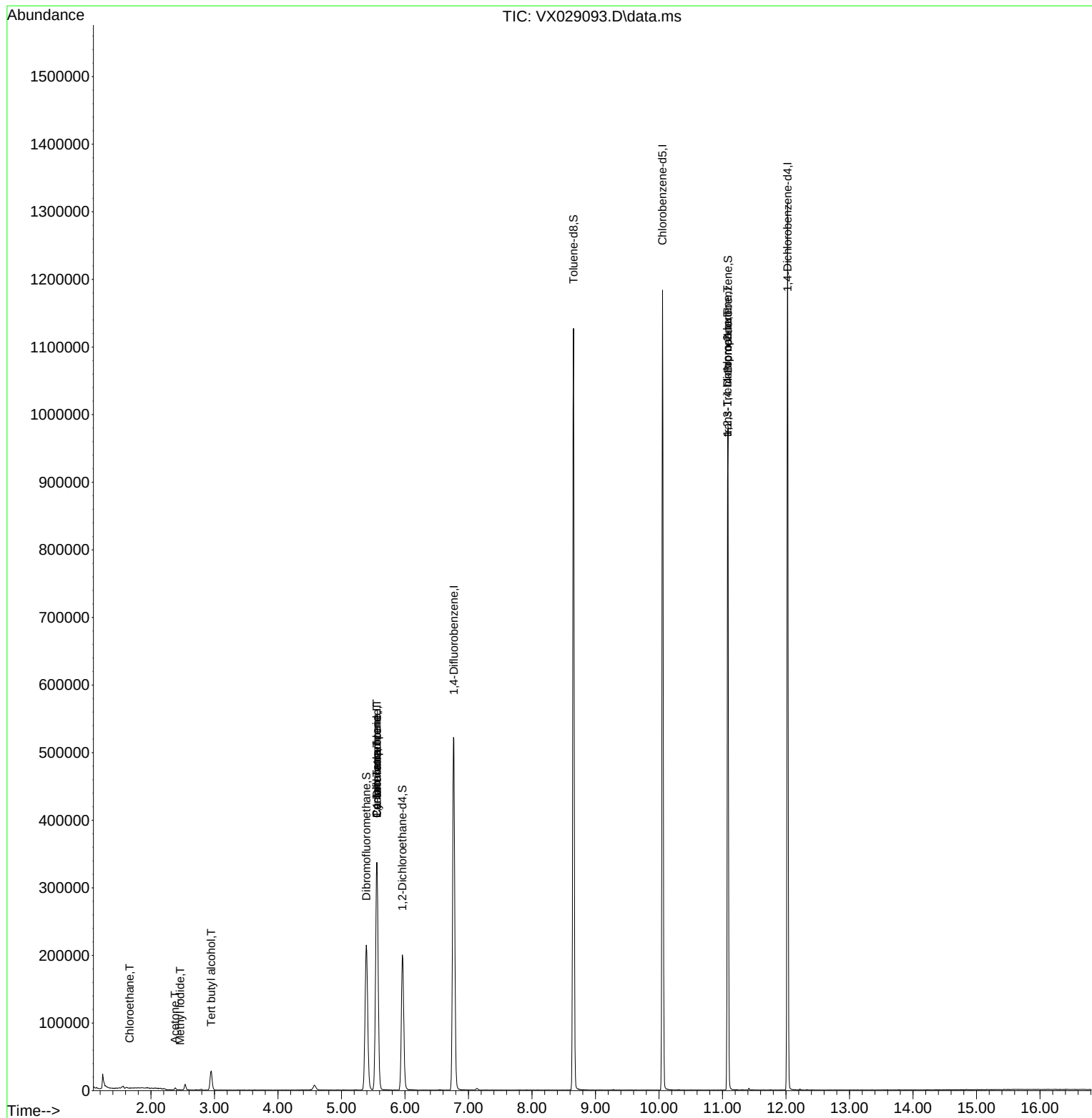
Internal Standards						
1) Pentafluorobenzene	5.556	168	340227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	577689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193599	50.462	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.920%	
35) Dibromofluoromethane	5.391	113	194003	50.559	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	677706	48.290	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	11.085	95	269927	49.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	799	Below Cal	#	58
6) Chloroethane	1.666	64	214	1.475	ug/l #	47
10) Methyl Iodide	2.459	142	486	4.343	ug/l #	79
11) Tert butyl alcohol	2.947	59	16183	18.209	ug/l #	76
16) Acetone	2.380	43	3479	2.303	ug/l #	75
31) Cyclohexane	5.556	56	5238	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22644	4.586	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33131	5.872	ug/l #	16
44) Trichloroethene	7.129	130	1039	Below Cal		66
76) 1,2,3-Trichloropropane	11.079	75	125334	22.439	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	125334	65.832	ug/l #	15

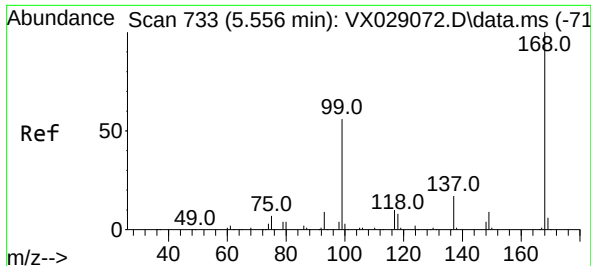
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
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Quant Time: Jun 01 05:02:21 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

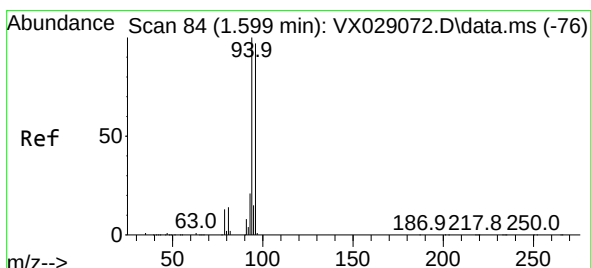
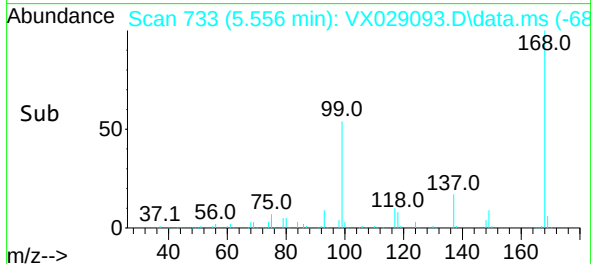
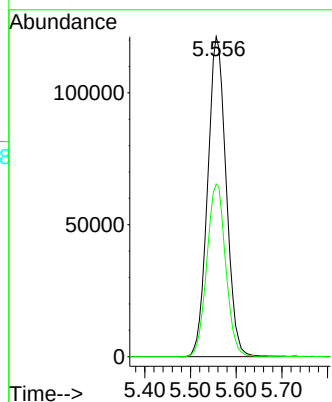
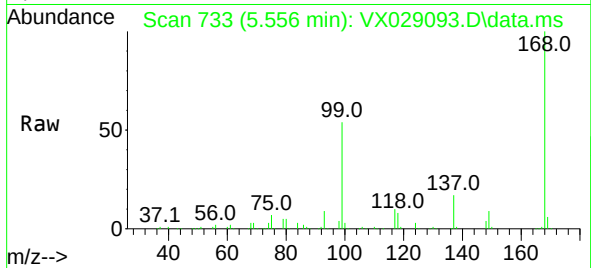




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

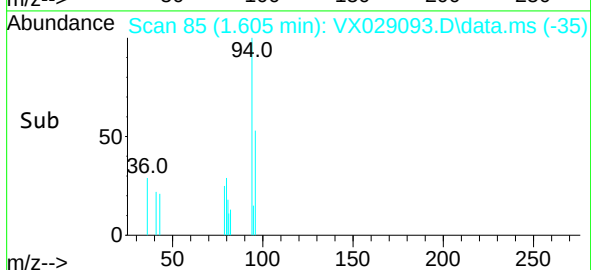
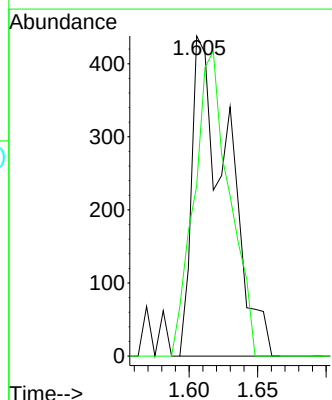
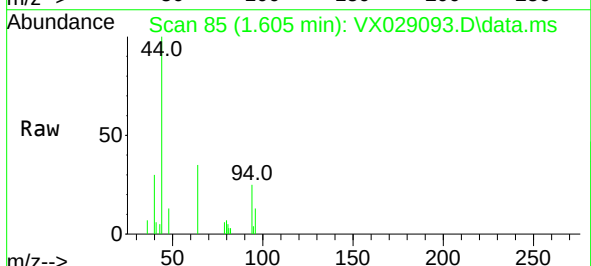
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MSVOA_X
ClientSampleId :
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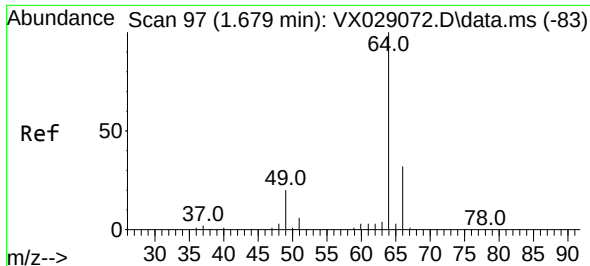
Tgt Ion:168 Resp: 340227
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion: 94 Resp: 799
Ion Ratio Lower Upper
94 100
96 53.2 75.3 112.9#

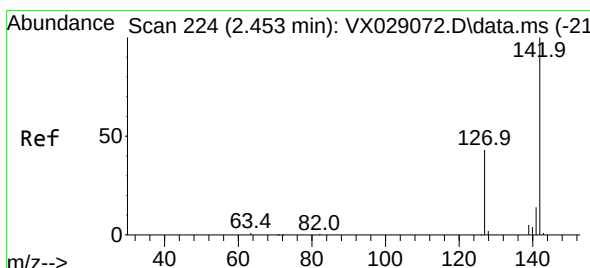
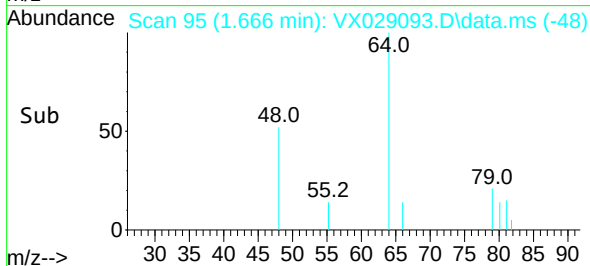
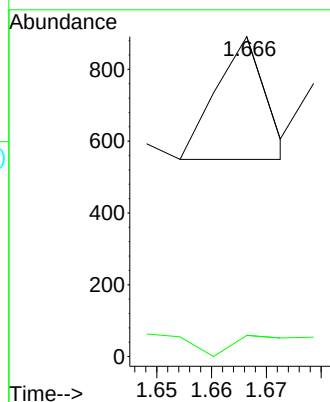
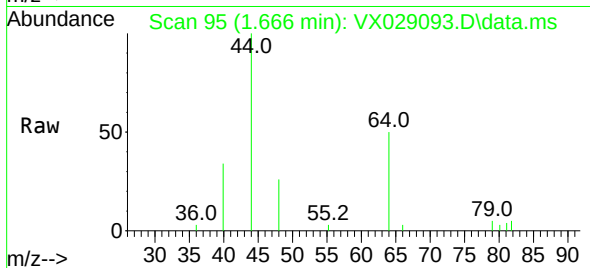




#6
Chloroethane
Concen: 1.475 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

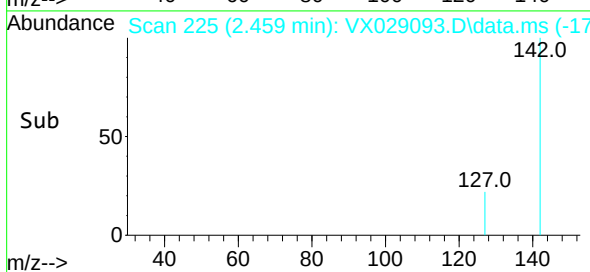
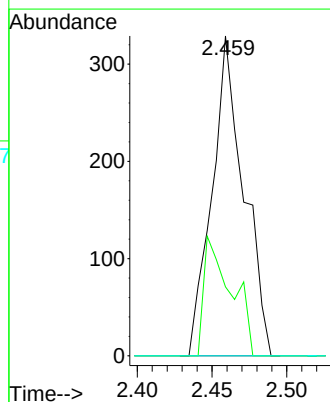
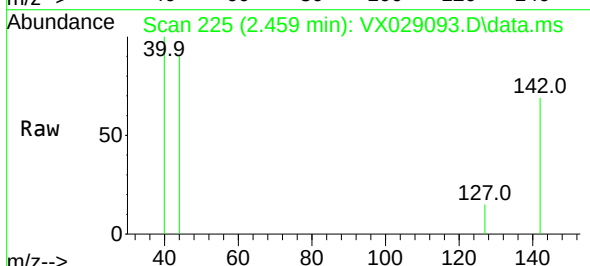
Instrument :
MSVOA_X
ClientSampleId :
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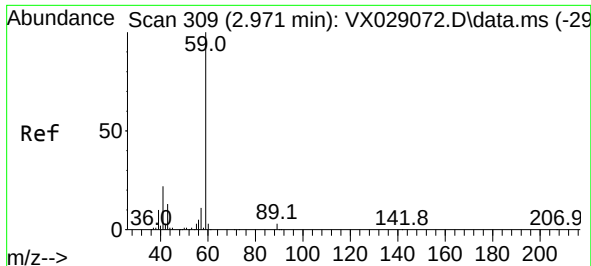
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 2.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.343 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion: 142 Resp: 486
Ion Ratio Lower Upper
142 100
127 32.1 33.9 50.9#
141 0.0 11.4 17.2#

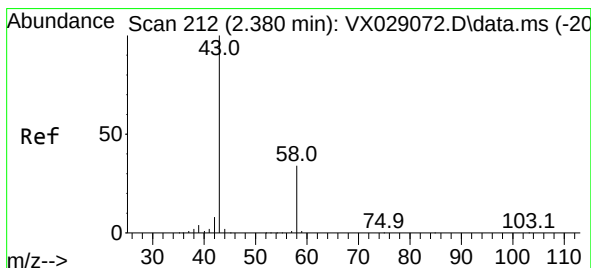
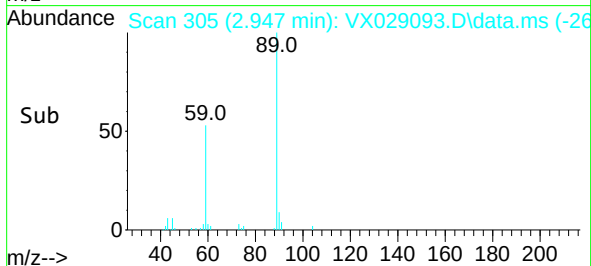
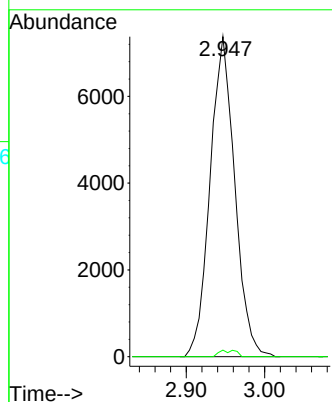
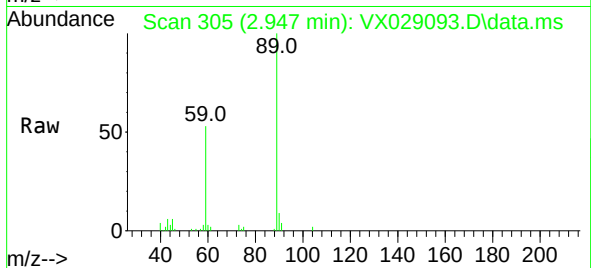




#11
Tert butyl alcohol
Concen: 18.209 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

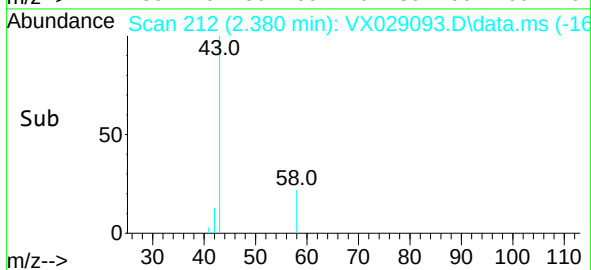
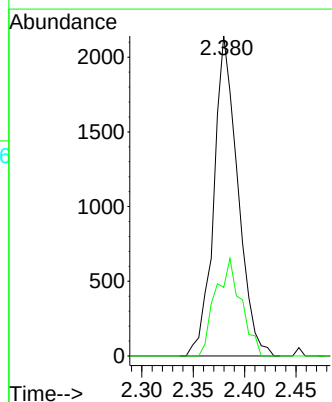
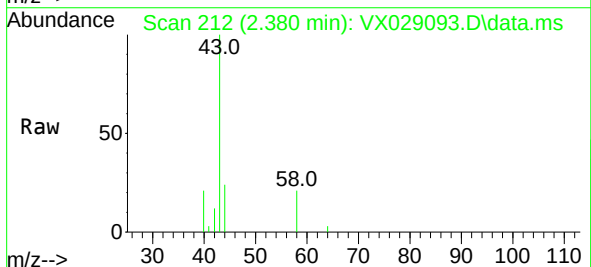
Instrument :
MSVOA_X
ClientSampleId :
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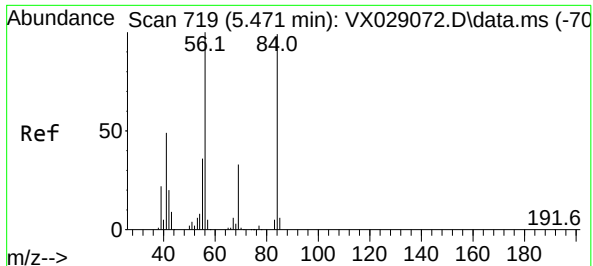
Tgt Ion: 59 Resp: 16183
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#16
Acetone
Concen: 2.303 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion: 43 Resp: 3479
Ion Ratio Lower Upper
43 100
58 21.5 28.8 43.2#

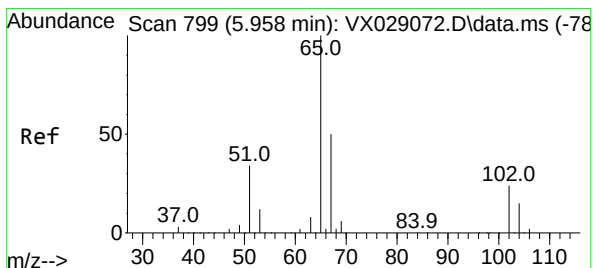
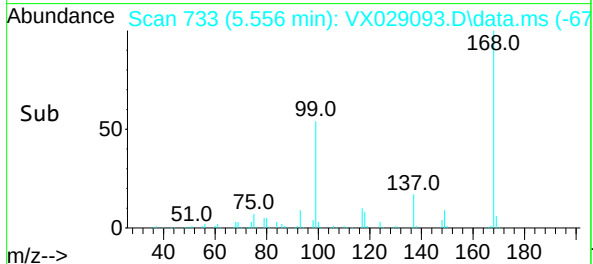
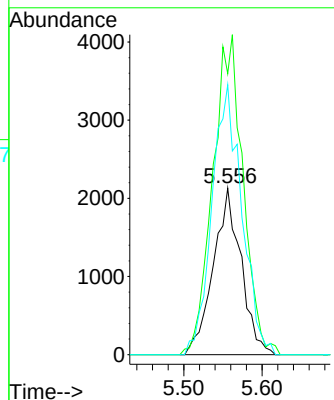
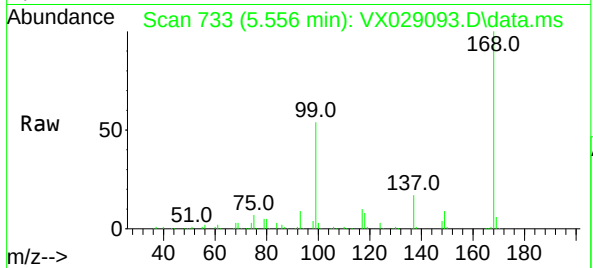




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

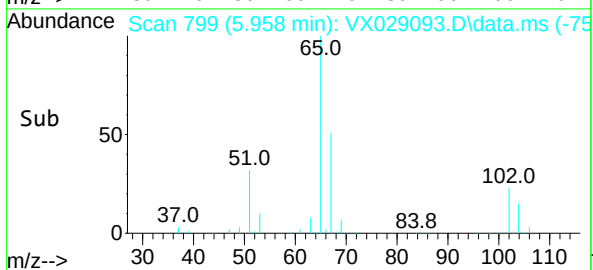
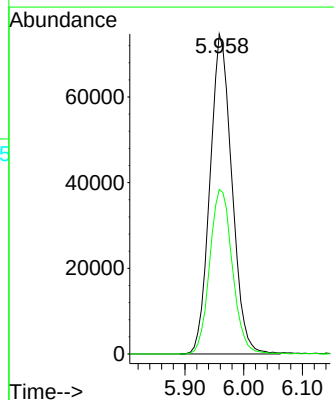
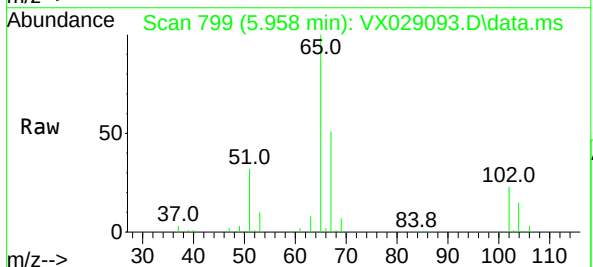
Instrument :
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ClientSampleId :
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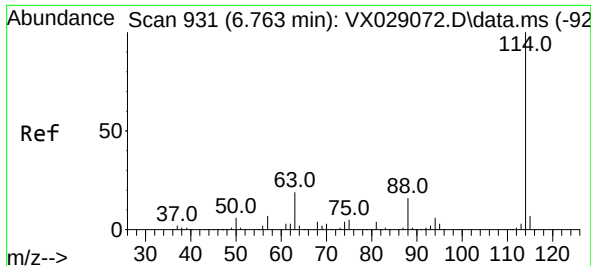
Tgt Ion: 56 Resp: 5238
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 162.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.462 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion: 65 Resp: 193599
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

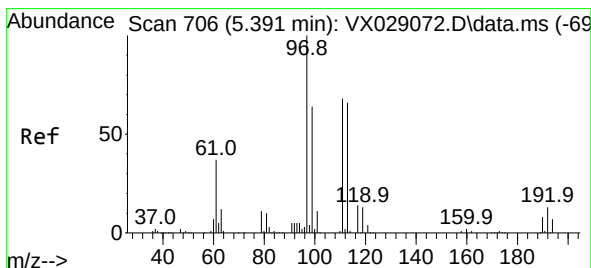
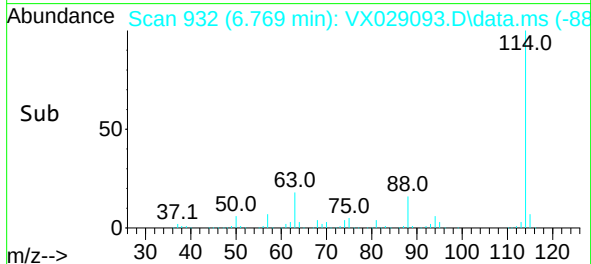
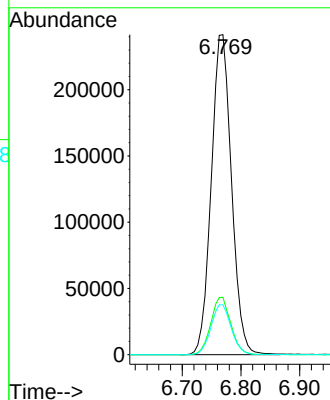
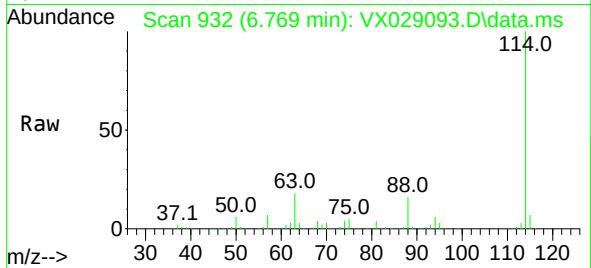




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

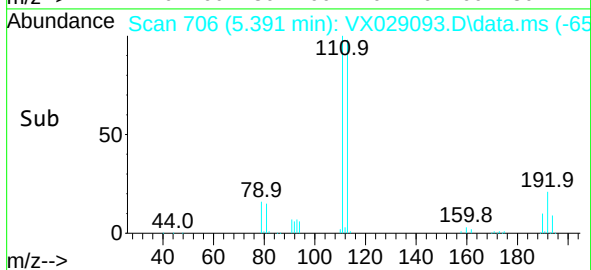
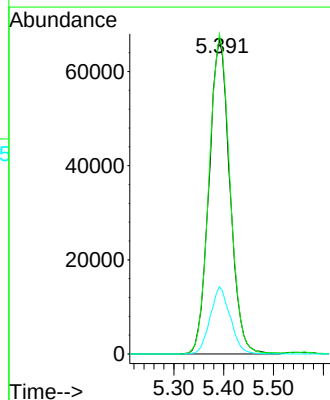
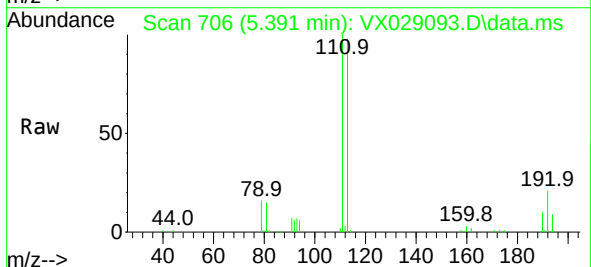
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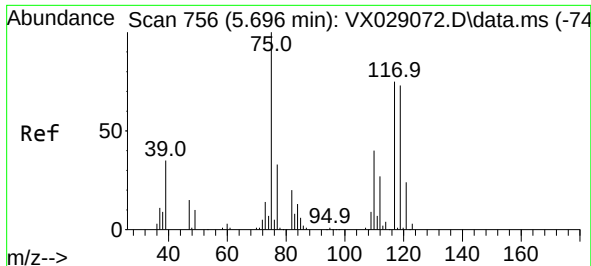
Tgt Ion:114 Resp: 577689
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion:113 Resp: 194003
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 20.6 16.9 25.3

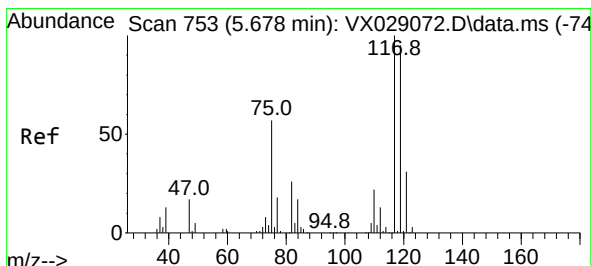
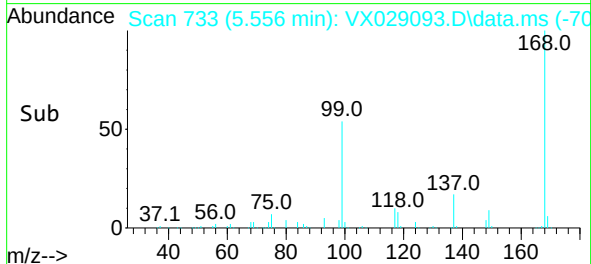
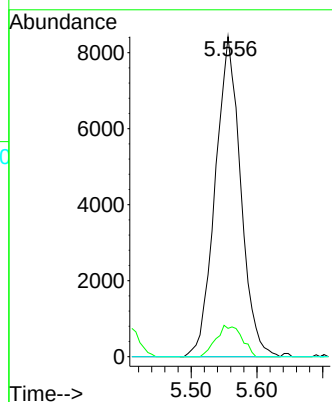
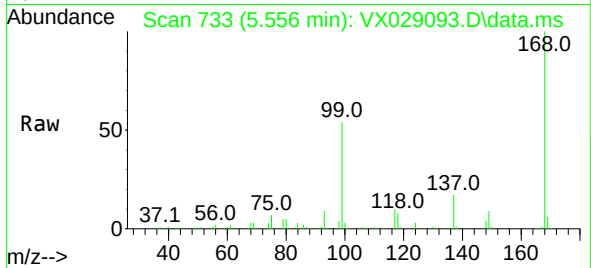




#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

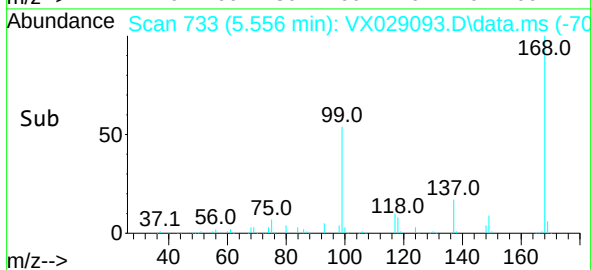
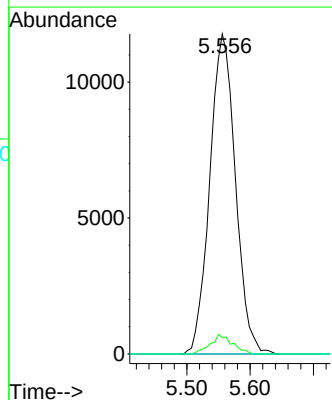
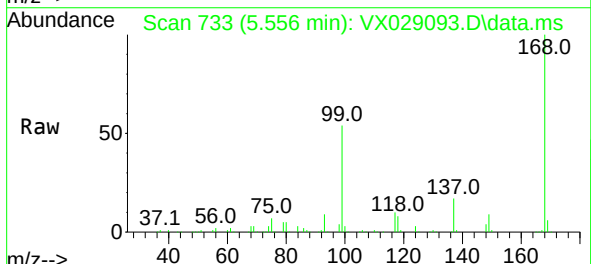
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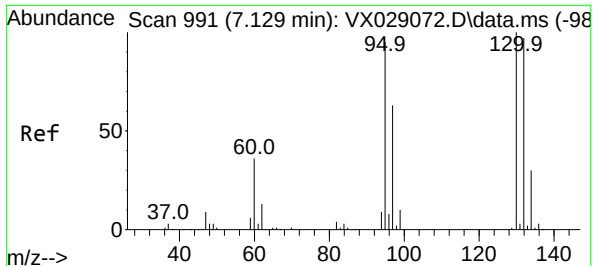
Tgt Ion: 75 Resp: 22644
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029093.D
Acq: 31 May 2022 22:45

Tgt Ion: 117 Resp: 33131
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

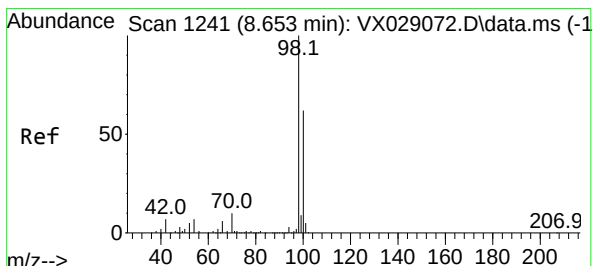
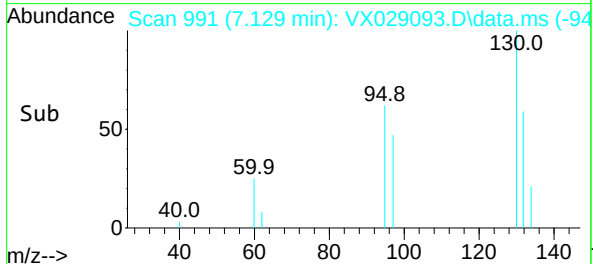
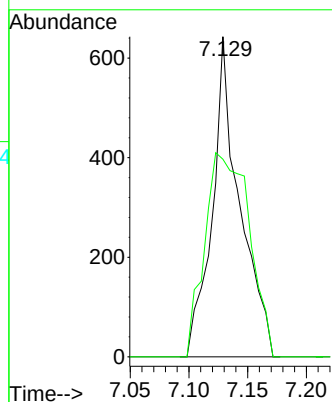
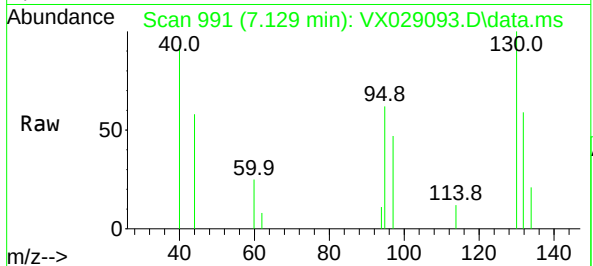




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029093.D
 Acq: 31 May 2022 22:45

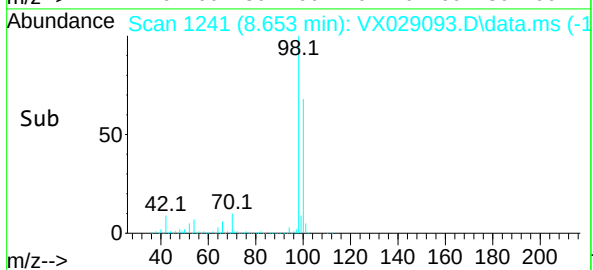
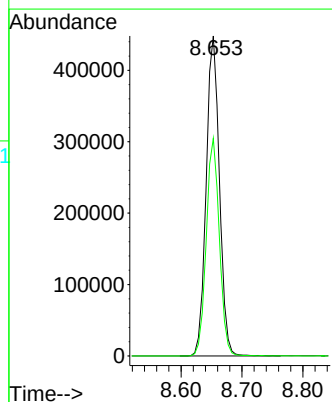
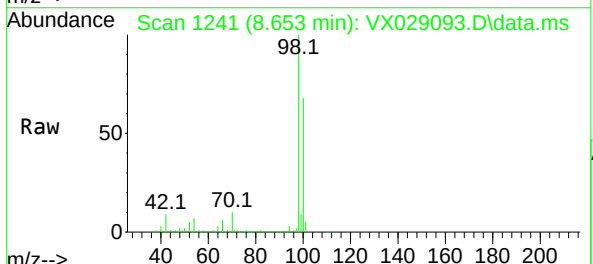
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 ClientSampleId :
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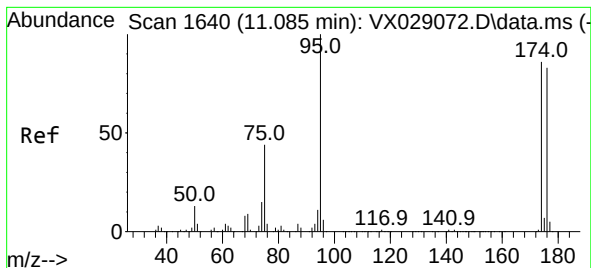
Tgt Ion:130 Resp: 1039
 Ion Ratio Lower Upper
 130 100
 95 61.7 0.0 188.8



#50
 Toluene-d8
 Concen: 48.290 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029093.D
 Acq: 31 May 2022 22:45

Tgt Ion: 98 Resp: 677706
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.757 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029093.D

Acq: 31 May 2022 22:45

Instrument :

MSVOA_X

ClientSampleId :

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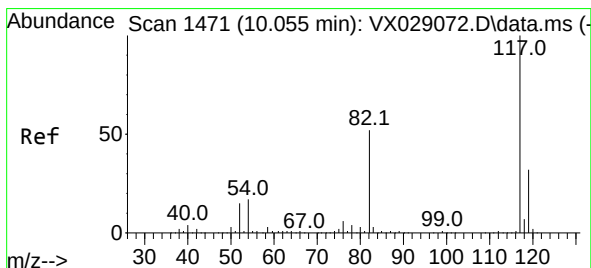
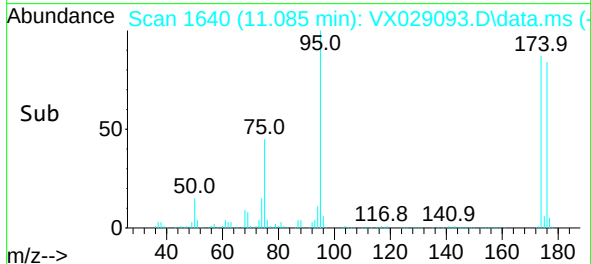
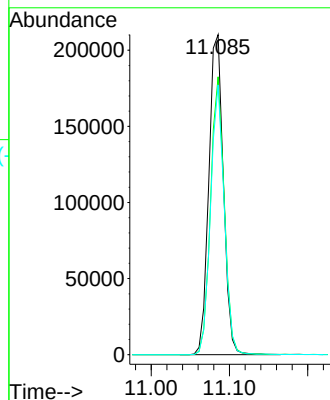
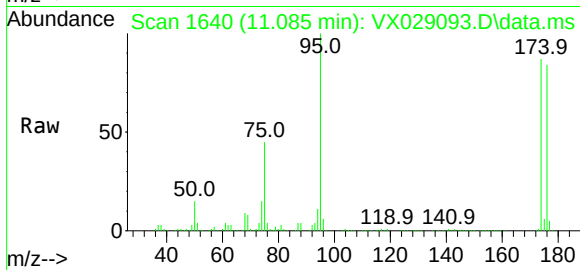
Tgt Ion: 95 Resp: 269927

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 79.5 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: VX029093.D

Acq: 31 May 2022 22:45

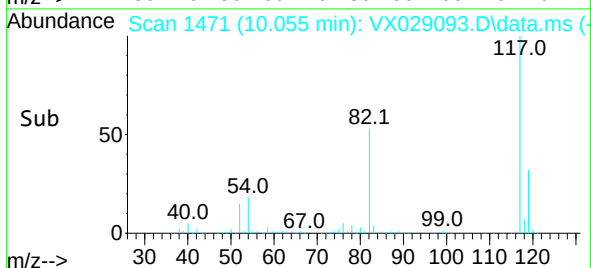
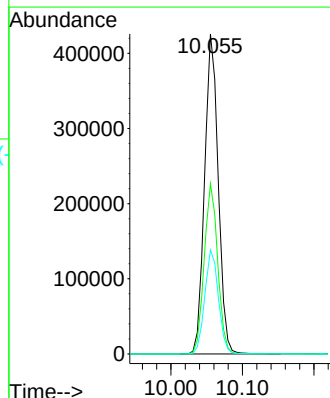
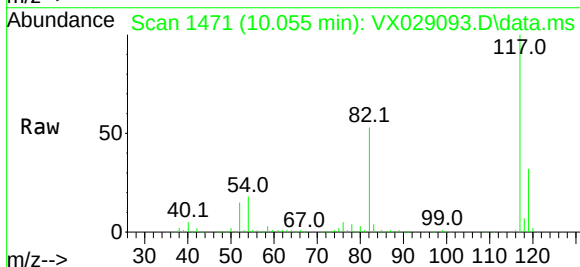
Tgt Ion: 117 Resp: 564728

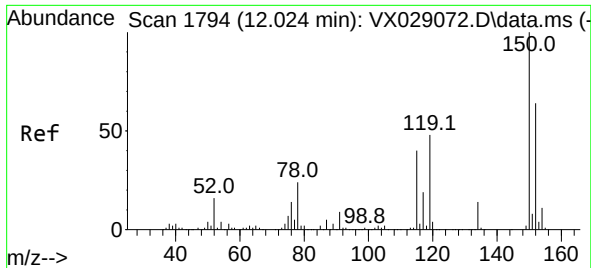
Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

119 32.5 24.8 37.2

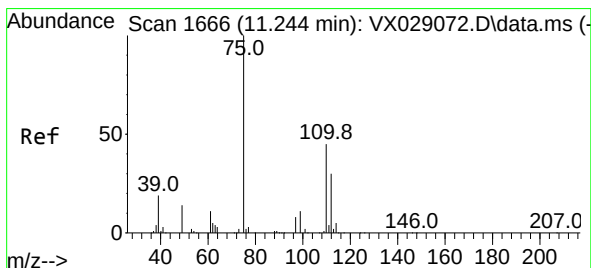
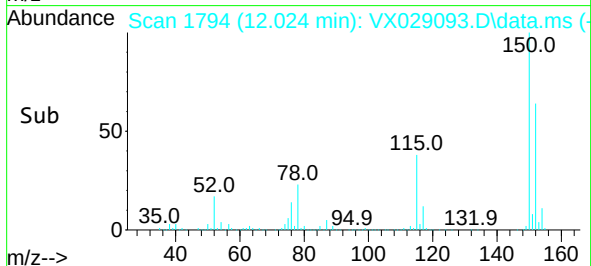
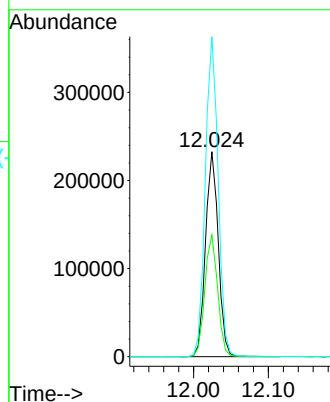
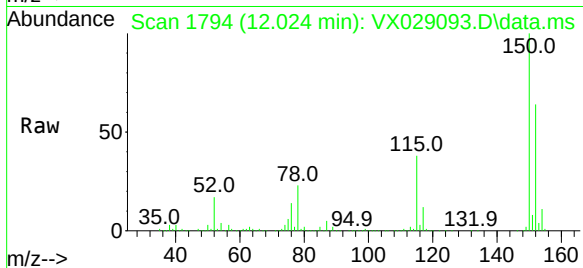




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029093.D
 Acq: 31 May 2022 22:45

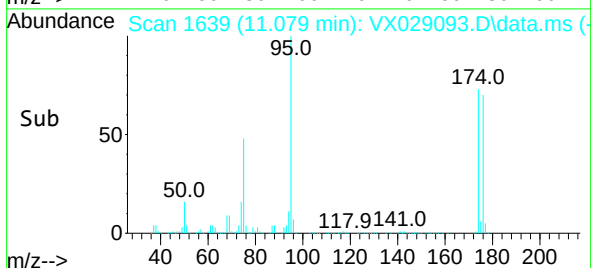
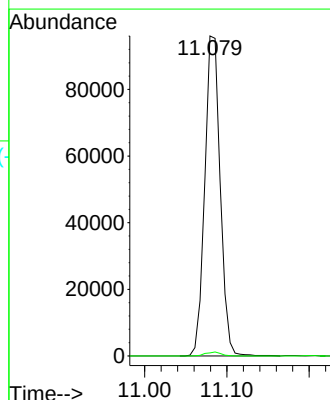
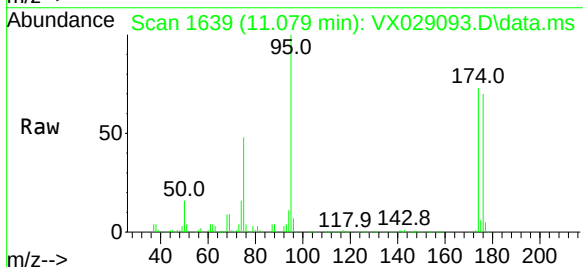
Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

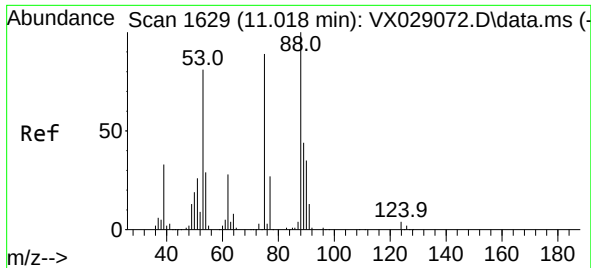
Tgt Ion:152 Resp: 275531
 Ion Ratio Lower Upper
 152 100
 115 59.6 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.439 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029093.D
 Acq: 31 May 2022 22:45

Tgt Ion: 75 Resp: 125334
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.832 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029093.D
 Acq: 31 May 2022 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 125334
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

