

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030246.D
 Acq On : 27 Jul 2022 21:43
 Operator : JC/MD
 Sample : VX0727WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBL02

Quant Time: Jul 28 05:54:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

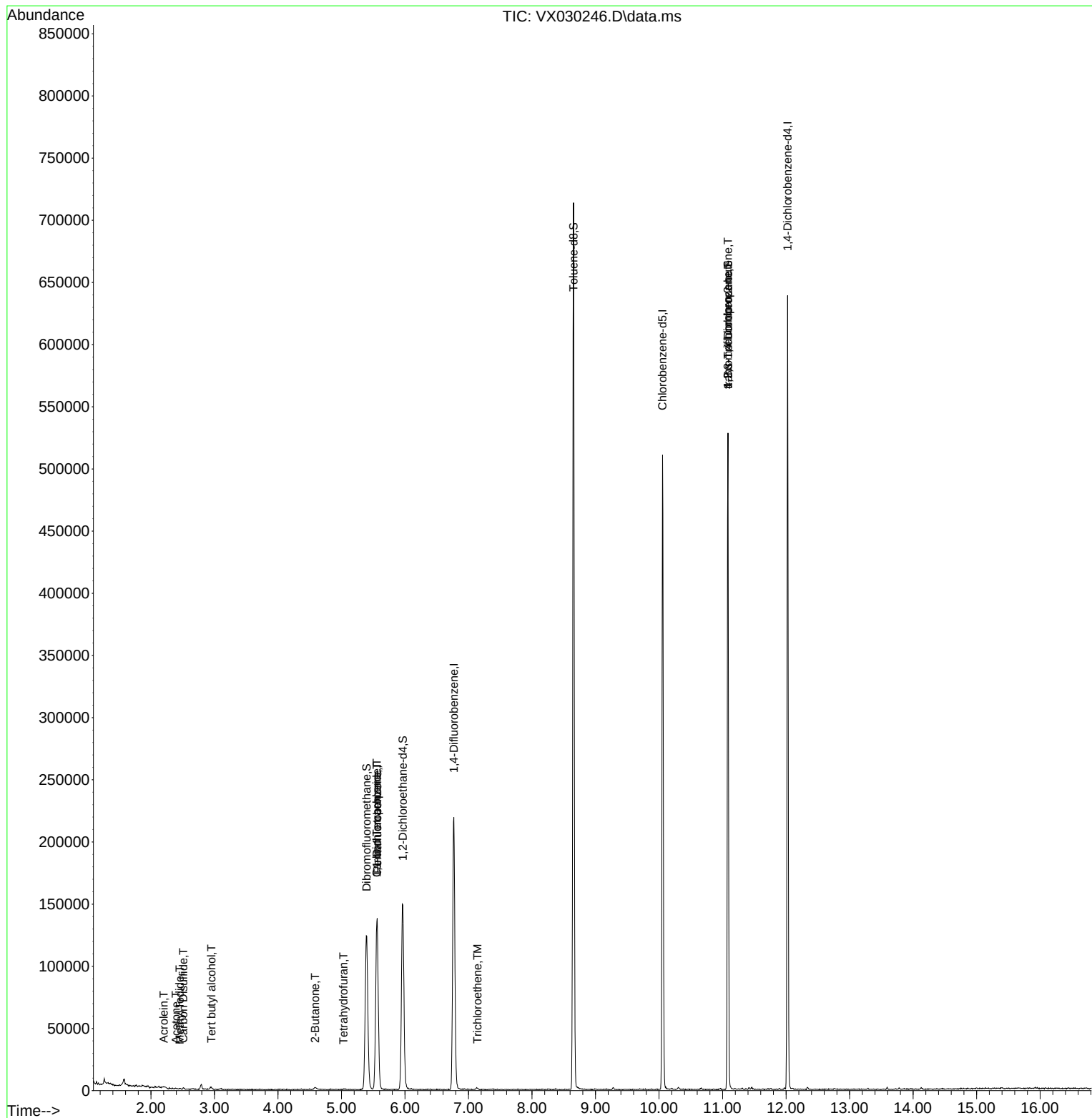
Internal Standards						
1) Pentafluorobenzene	5.562	168	127672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142502	55.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.060%			
35) Dibromofluoromethane	5.397	113	111763	51.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.653	98	408709	48.916	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.085	95	144823	46.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	397	Below Cal		85
10) Methyl Iodide	2.453	142	588	1.812 ug/l #		76
11) Tert butyl alcohol	2.953	59	1229	1.963 ug/l #		74
13) Acrolein	2.203	56	87	0.565 ug/l #		70
16) Acetone	2.392	43	612	0.466 ug/l #		85
17) Carbon Disulfide	2.508	76	1366	0.254 ug/l #		74
20) Methylene Chloride	2.794	84	1788	Below Cal		95
25) 2-Butanone	4.587	43	604	0.274 ug/l #		48
29) Tetrahydrofuran	5.032	42	324	0.218 ug/l #		43
36) 1,1-Dichloropropene	5.556	75	10565	3.403 ug/l #		45
38) Carbon Tetrachloride	5.556	117	13264	4.576 ug/l #		18
44) Trichloroethene	7.141	130	603	0.226 ug/l		48
67) Ethyl Benzene	10.201	91	566	Below Cal #		80
76) 1,2,3-Trichloropropane	11.085	75	71297	21.610 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	71297	64.830 ug/l #		12

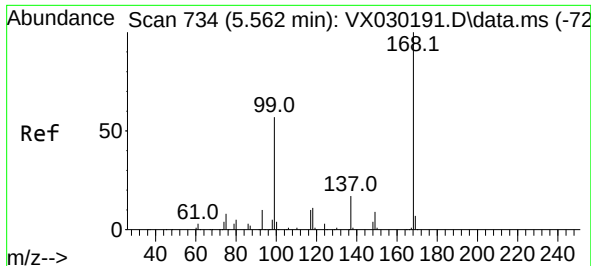
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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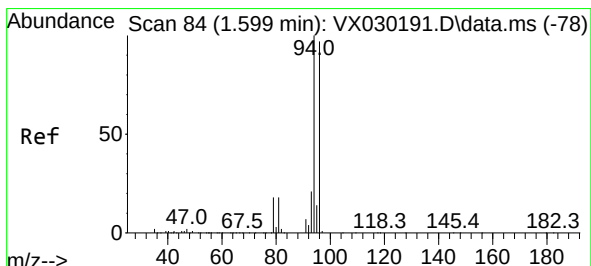
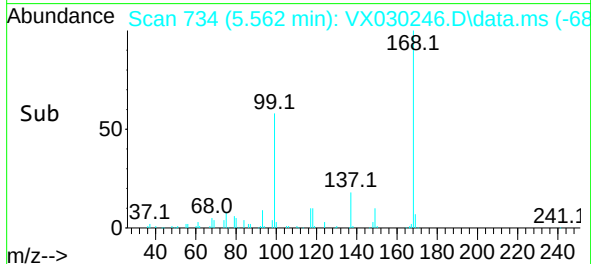
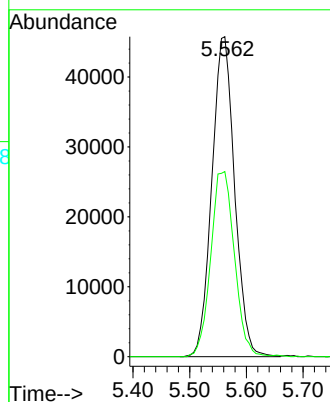
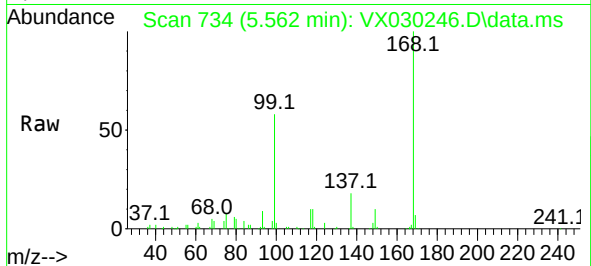




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

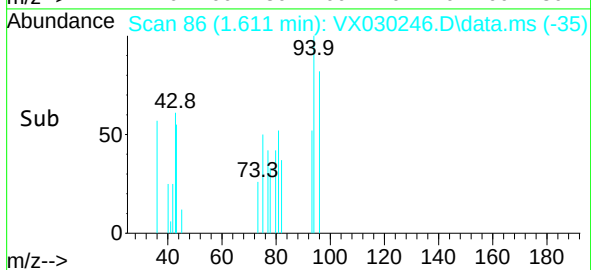
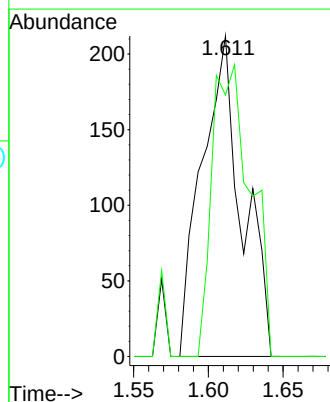
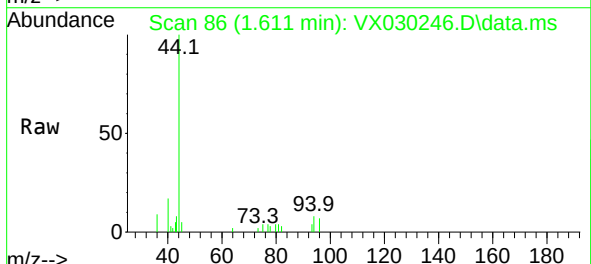
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

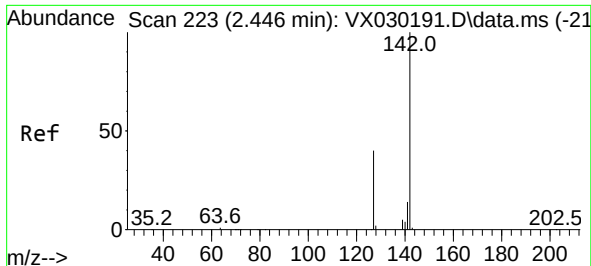
Tgt Ion:168 Resp: 127672
Ion Ratio Lower Upper
168 100
99 57.8 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 81.6 76.9 115.3

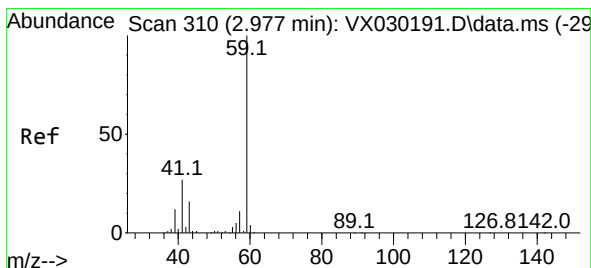
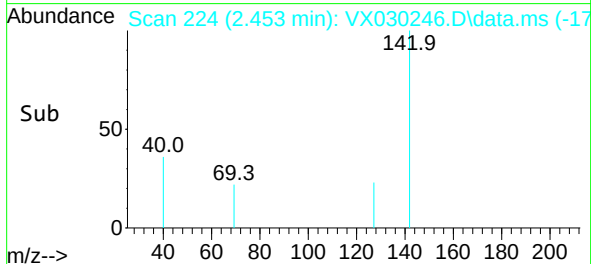
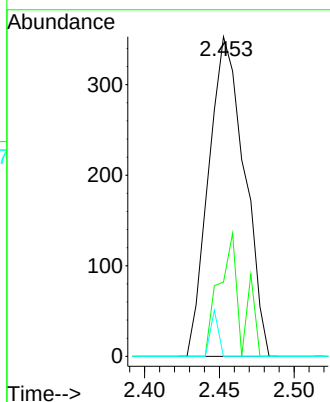
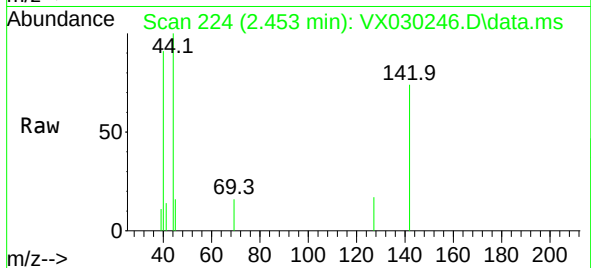




#10
Methyl Iodide
Concen: 1.812 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

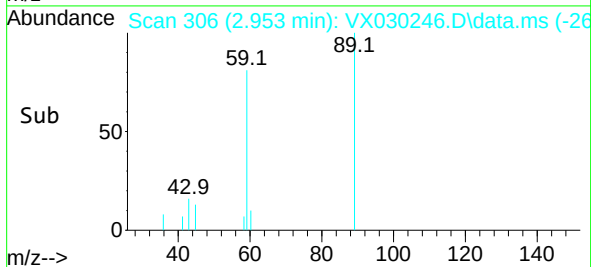
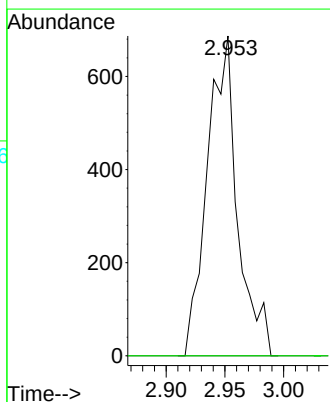
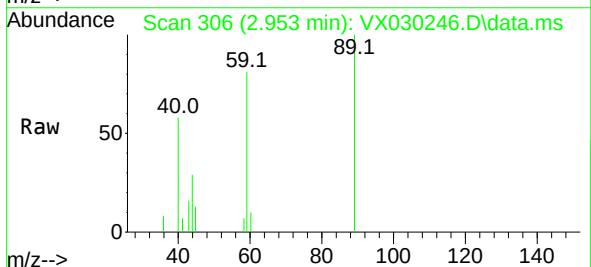
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

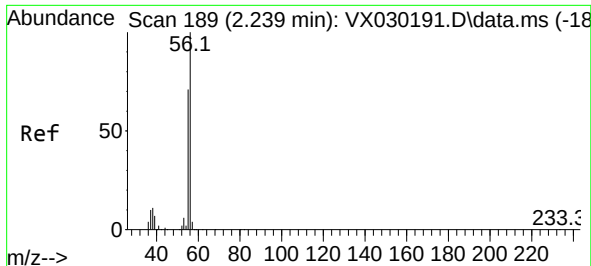
Tgt Ion:142 Resp: 588
Ion Ratio Lower Upper
142 100
127 24.1 30.2 45.2#
141 3.2 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.963 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

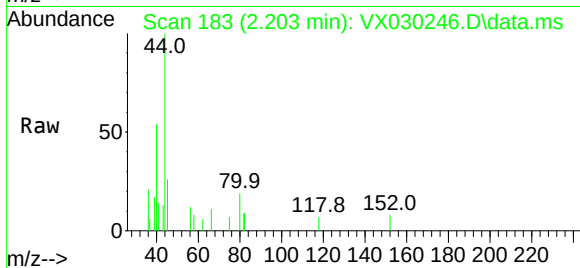
Tgt Ion: 59 Resp: 1229
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



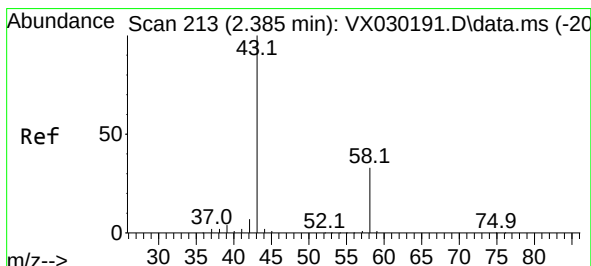
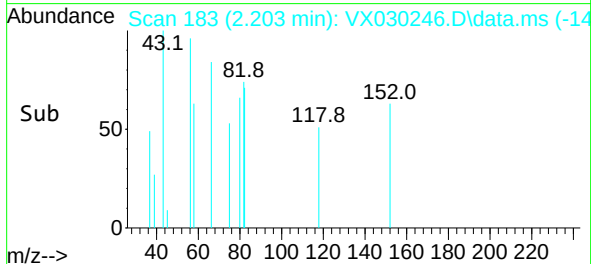
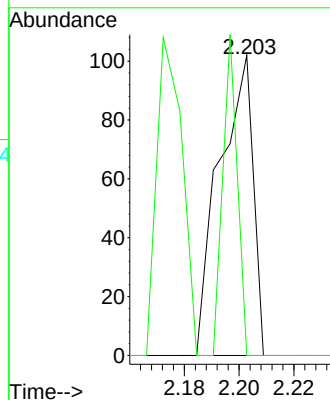


#13
Acrolein
Concen: 0.565 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

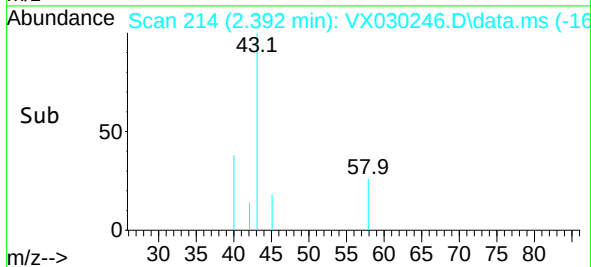
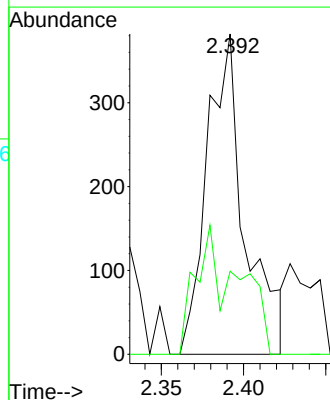
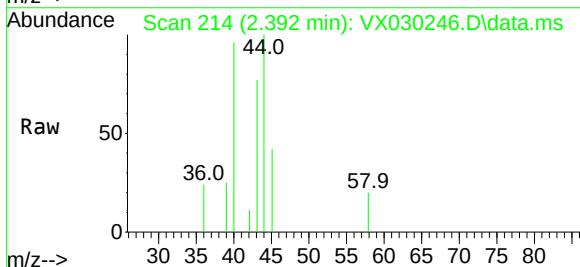


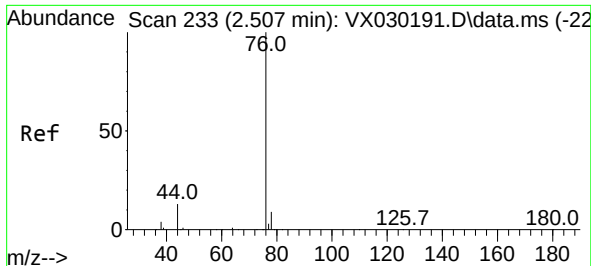
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 46.0 56.6 84.8#



#16
Acetone
Concen: 0.466 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 25.9 27.7 41.5#

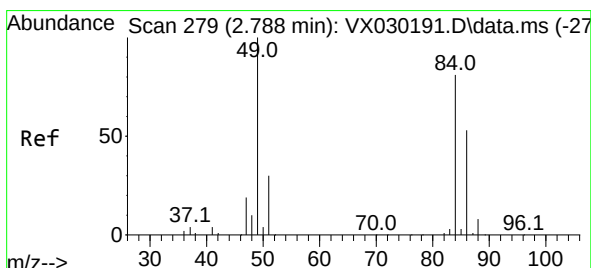
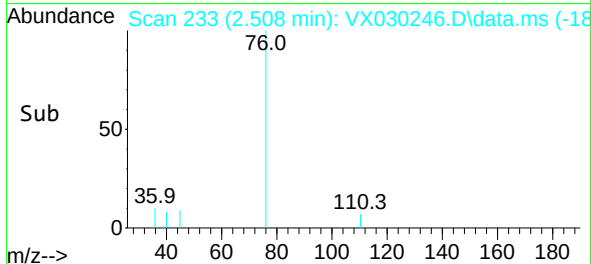
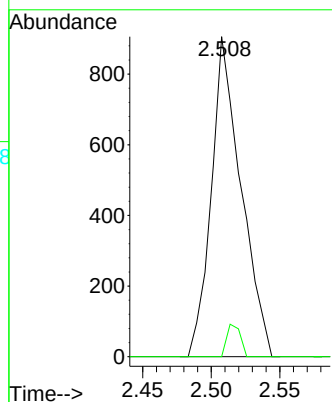
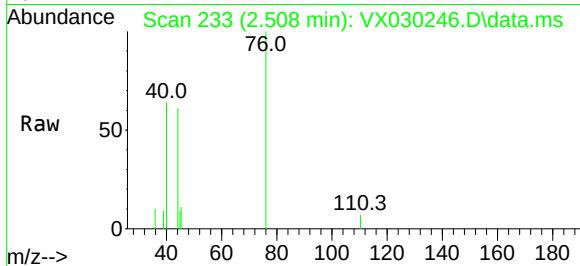




#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

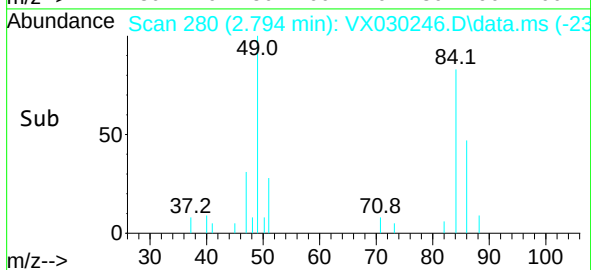
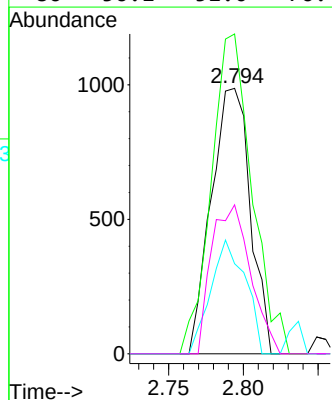
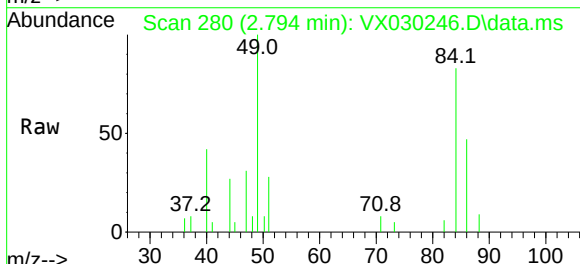
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

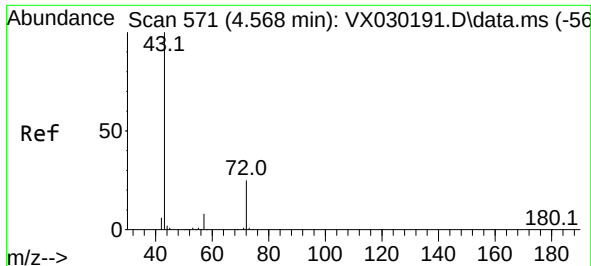
Tgt Ion: 76 Resp: 1366
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion: 84 Resp: 1788
Ion Ratio Lower Upper
84 100
49 120.5 93.8 140.6
51 33.9 29.4 44.0
86 56.1 51.0 76.4

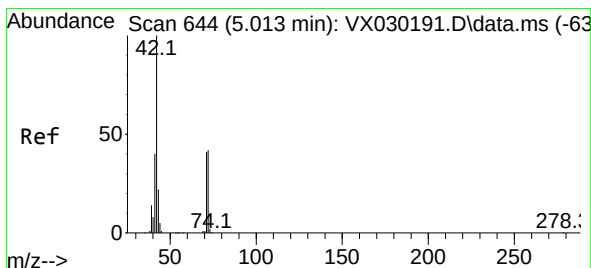
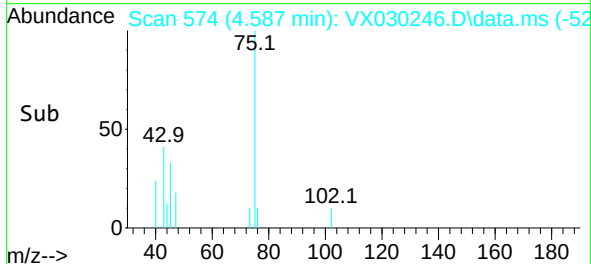
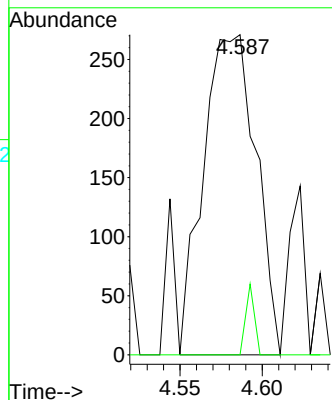
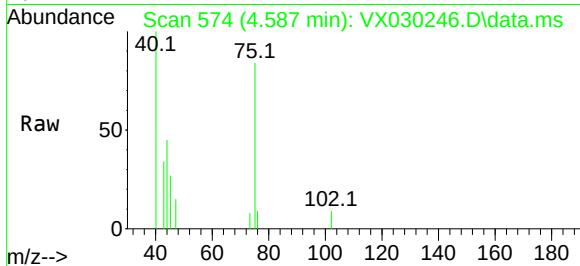




#25
2-Butanone
Concen: 0.274 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

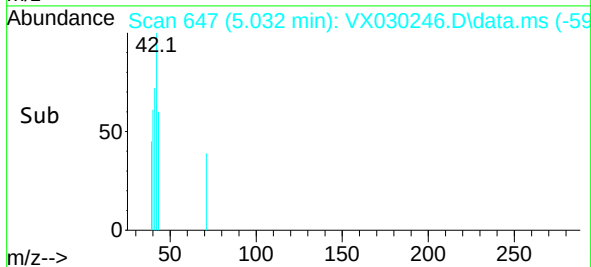
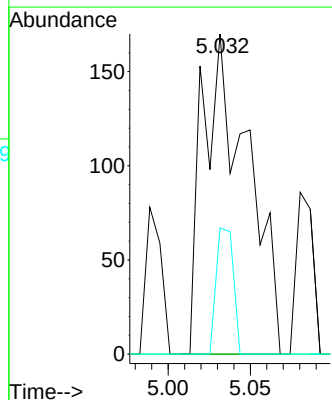
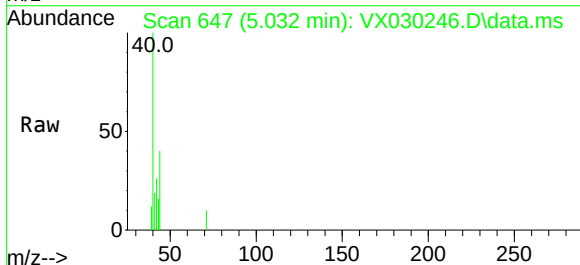
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

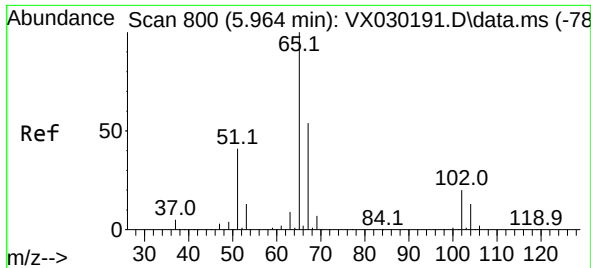
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.218 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 14.8 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 55.532 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030246.D

Acq: 27 Jul 2022 21:43

Instrument :

MSVOA_X

ClientSampleId :

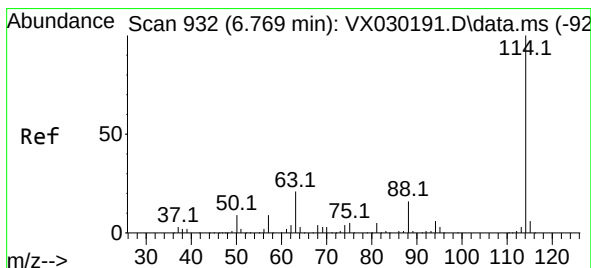
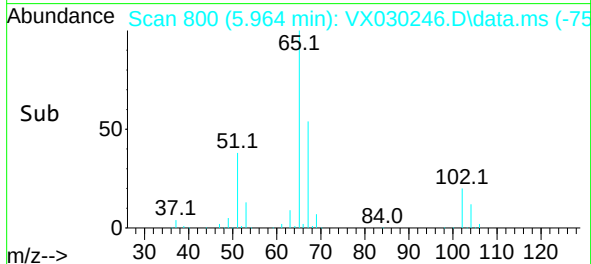
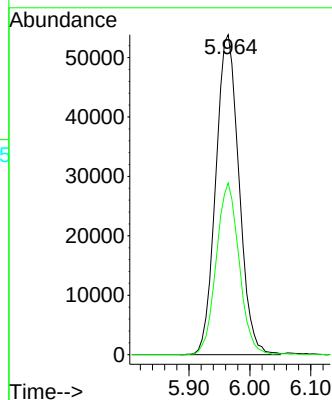
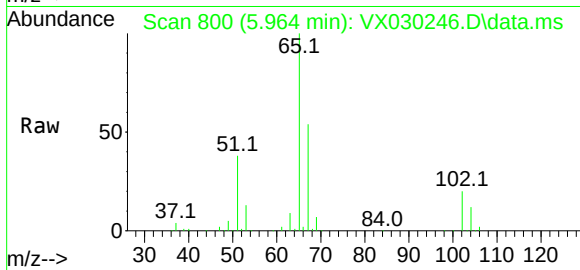
VX0727WBL02

Tgt Ion: 65 Resp: 142502

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030246.D

Acq: 27 Jul 2022 21:43

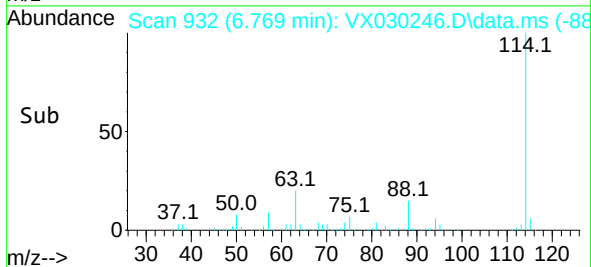
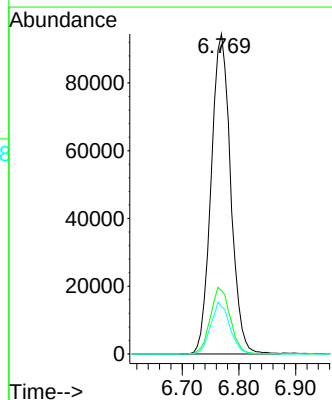
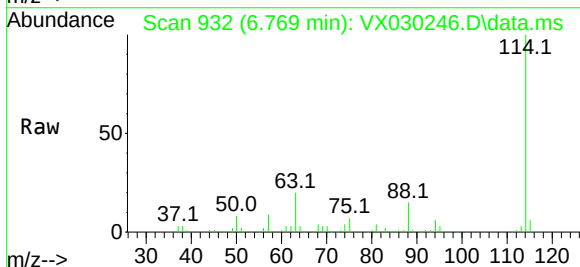
Tgt Ion: 114 Resp: 225693

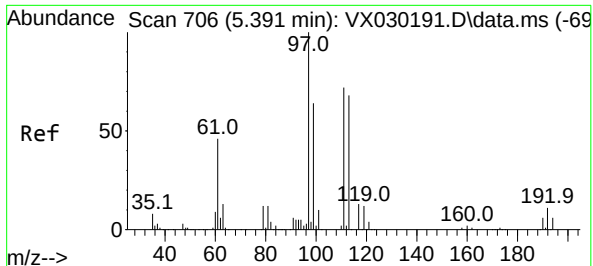
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.802 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030246.D

Acq: 27 Jul 2022 21:43

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL02

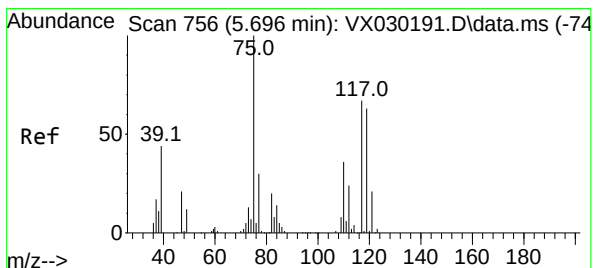
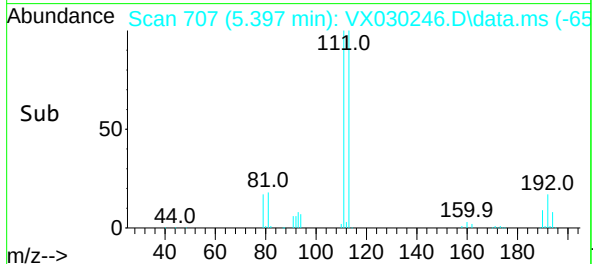
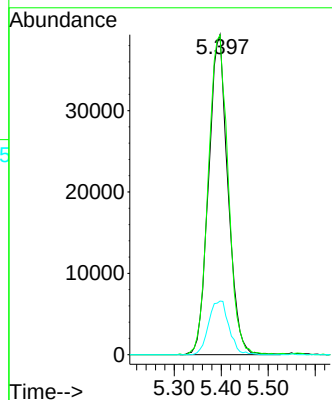
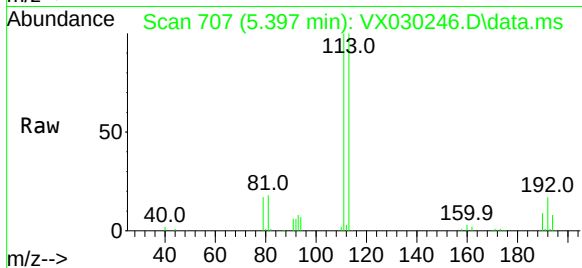
Tgt Ion:113 Resp: 111763

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 17.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.403 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030246.D

Acq: 27 Jul 2022 21:43

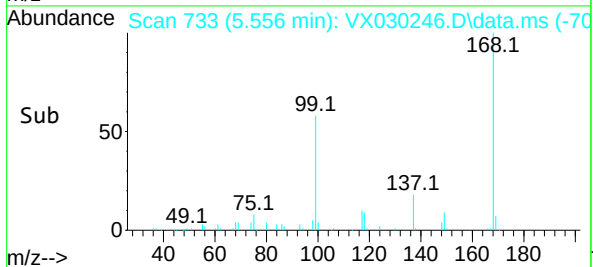
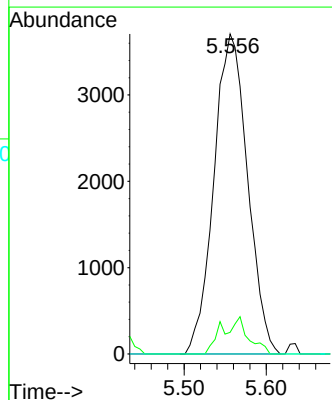
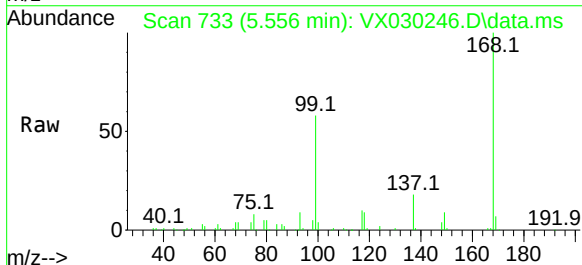
Tgt Ion: 75 Resp: 10565

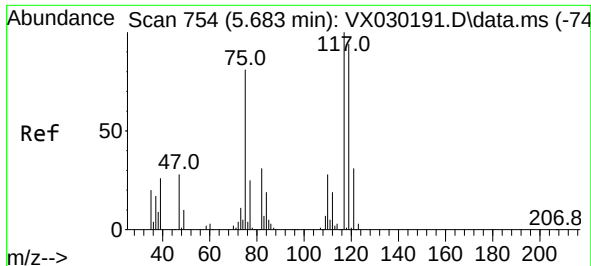
Ion Ratio Lower Upper

75 100

110 5.1 19.3 57.9#

77 0.0 24.4 36.6#

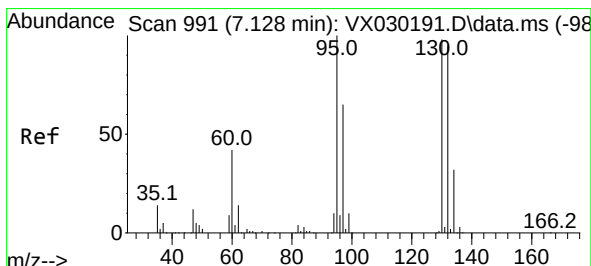
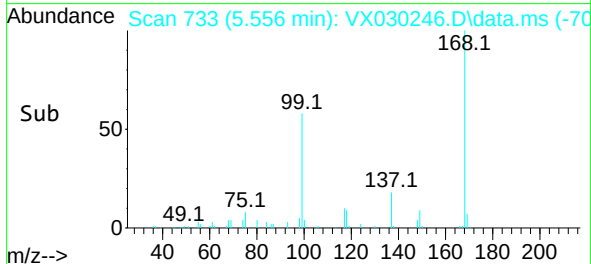
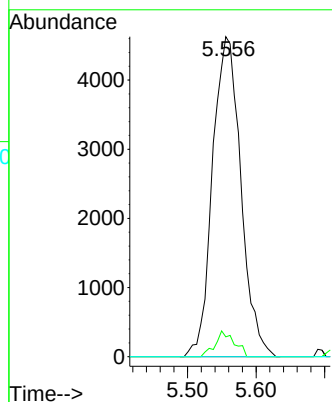
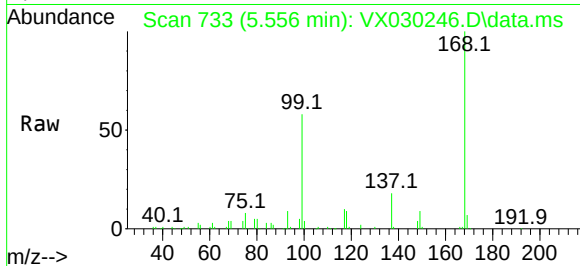




#38
Carbon Tetrachloride
Concen: 4.576 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

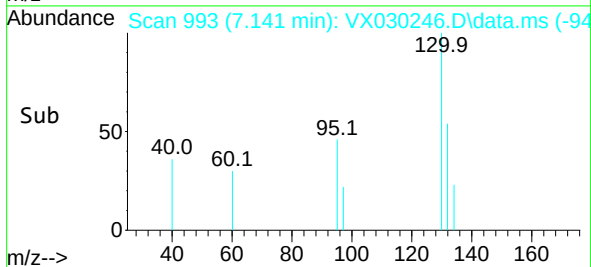
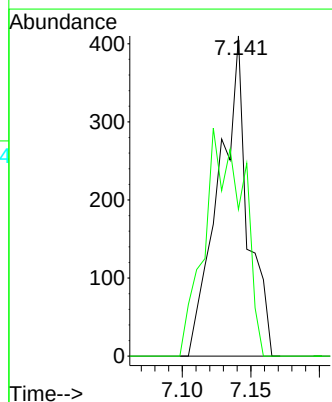
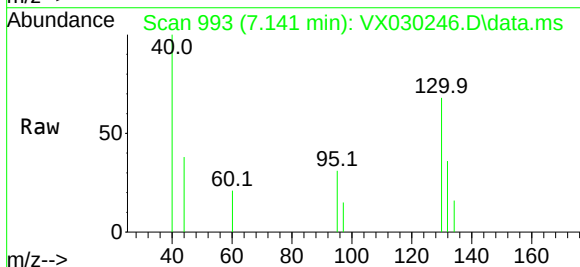
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

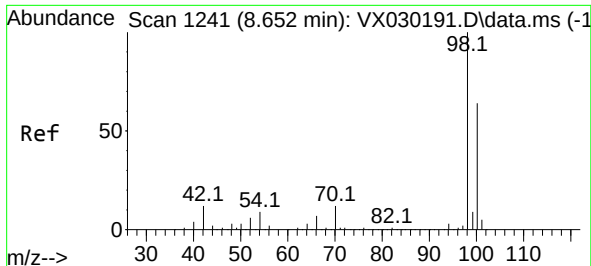
Tgt Ion:117 Resp: 13264
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.226 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.013 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion:130 Resp: 603
Ion Ratio Lower Upper
130 100
95 45.9 0.0 194.8

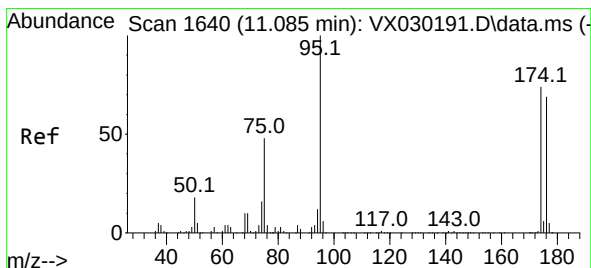
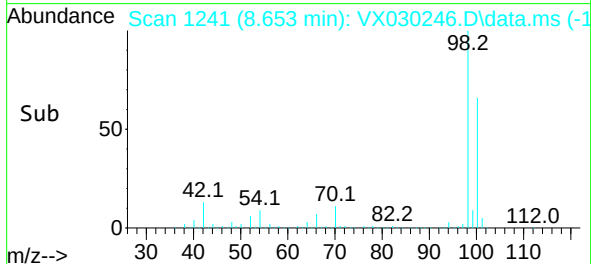
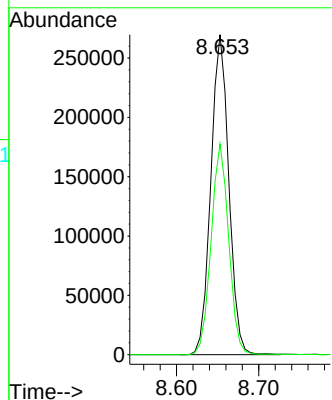
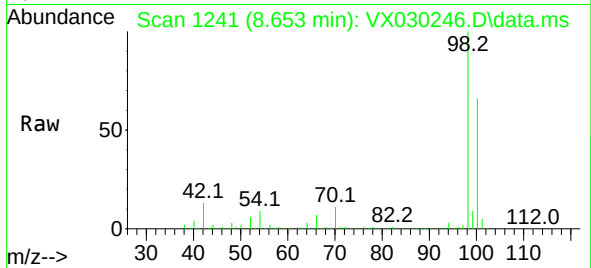




#50
Toluene-d8
Concen: 48.916 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

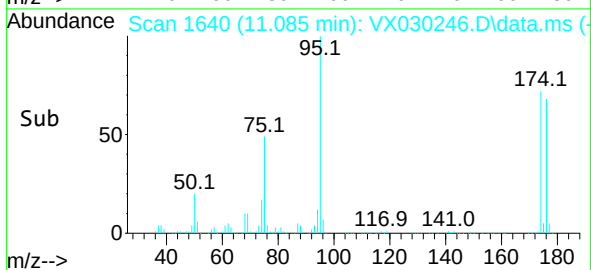
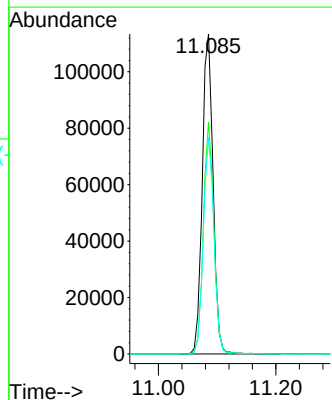
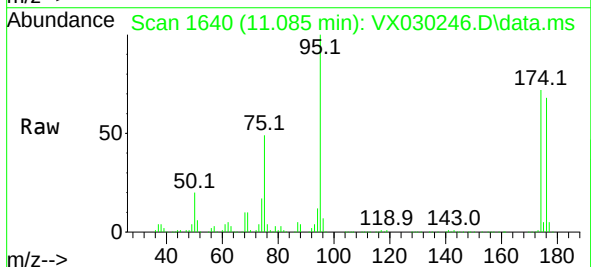
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL02

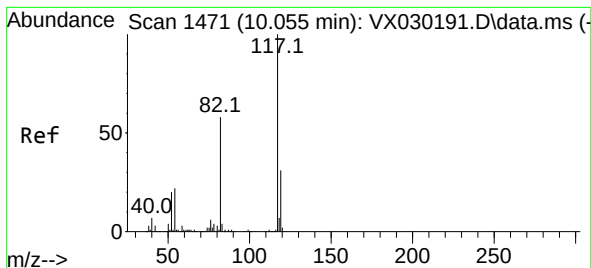
Tgt Ion: 98 Resp: 408709
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.704 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030246.D
Acq: 27 Jul 2022 21:43

Tgt Ion: 95 Resp: 144823
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.0
176 66.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030246.D

Acq: 27 Jul 2022 21:43

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL02

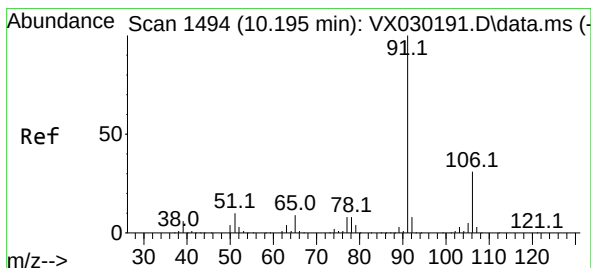
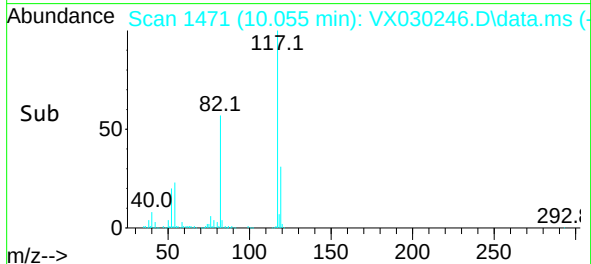
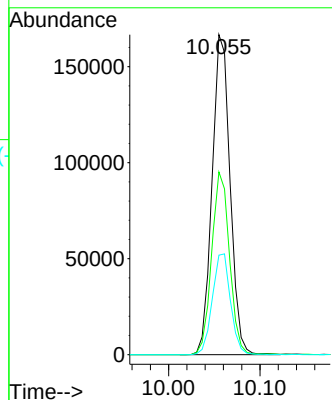
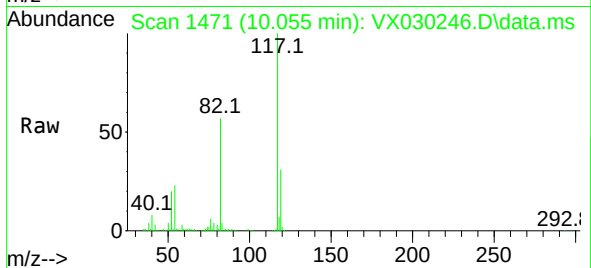
Tgt Ion:117 Resp: 227085

Ion Ratio Lower Upper

117 100

82 57.1 42.7 64.1

119 31.1 25.4 38.2



#67

Ethyl Benzene

Concen: Below Cal

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX030246.D

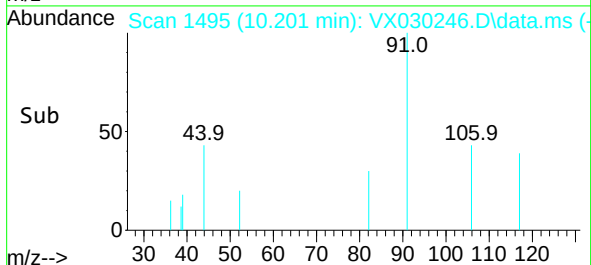
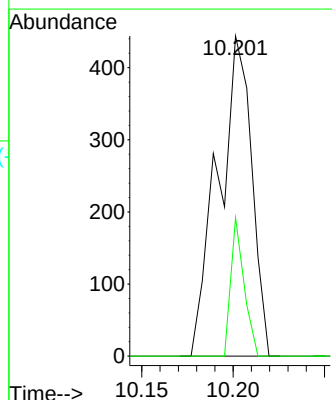
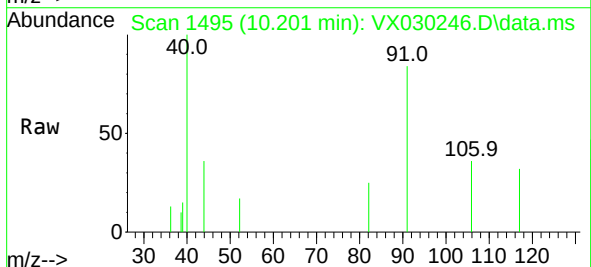
Acq: 27 Jul 2022 21:43

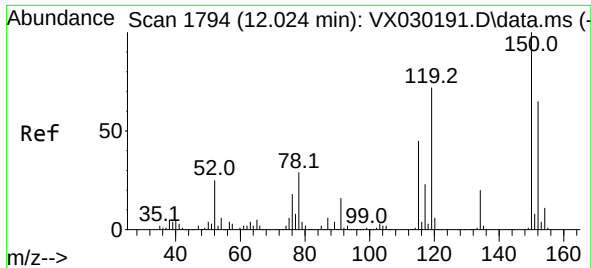
Tgt Ion: 91 Resp: 566

Ion Ratio Lower Upper

91 100

106 43.2 25.5 38.3#

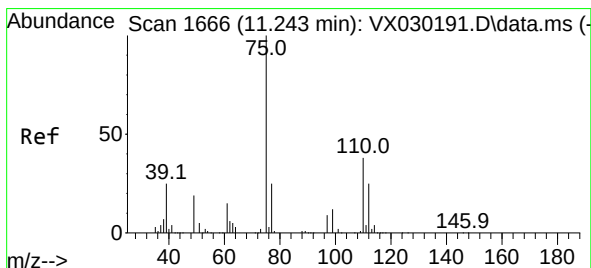
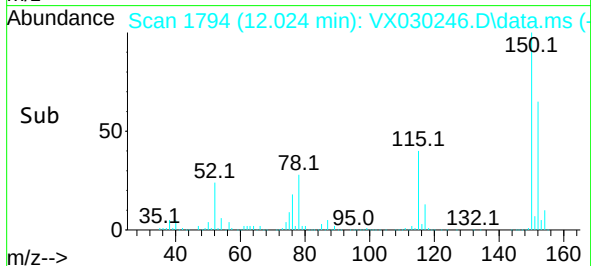
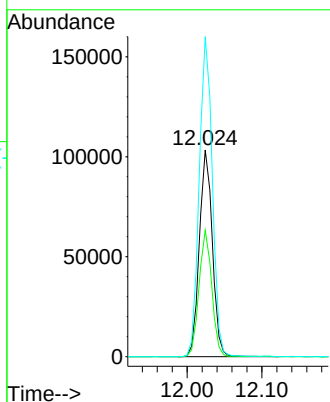
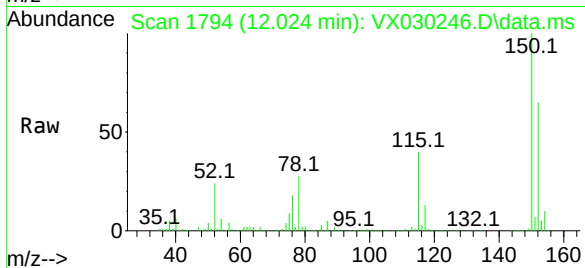




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030246.D
 Acq: 27 Jul 2022 21:43

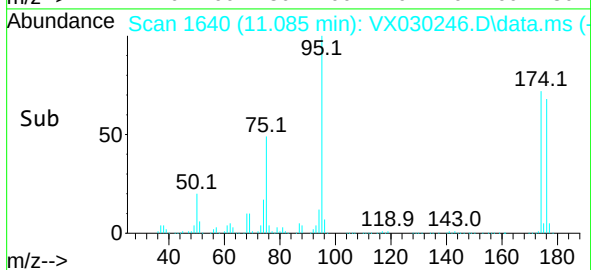
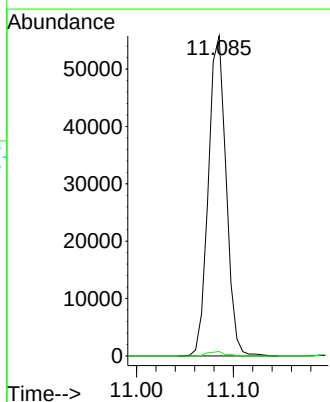
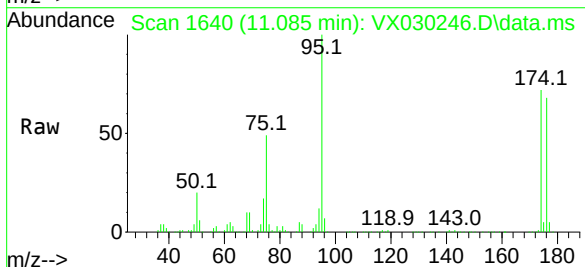
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBL02

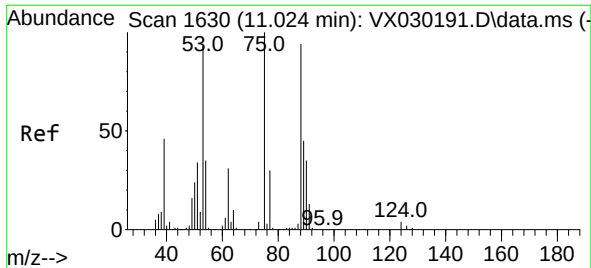
Tgt Ion:152 Resp: 125162
 Ion Ratio Lower Upper
 152 100
 115 59.7 40.5 121.5
 150 155.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.610 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030246.D
 Acq: 27 Jul 2022 21:43

Tgt Ion: 75 Resp: 71297
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.830 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030246.D
 Acq: 27 Jul 2022 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBL02

Tgt Ion: 75 Resp: 71297
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

