

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032029.D
 Acq On : 11 Oct 2022 12:09
 Operator : JC/MD
 Sample : VX1011WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBL01

Quant Time: Oct 11 16:22:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

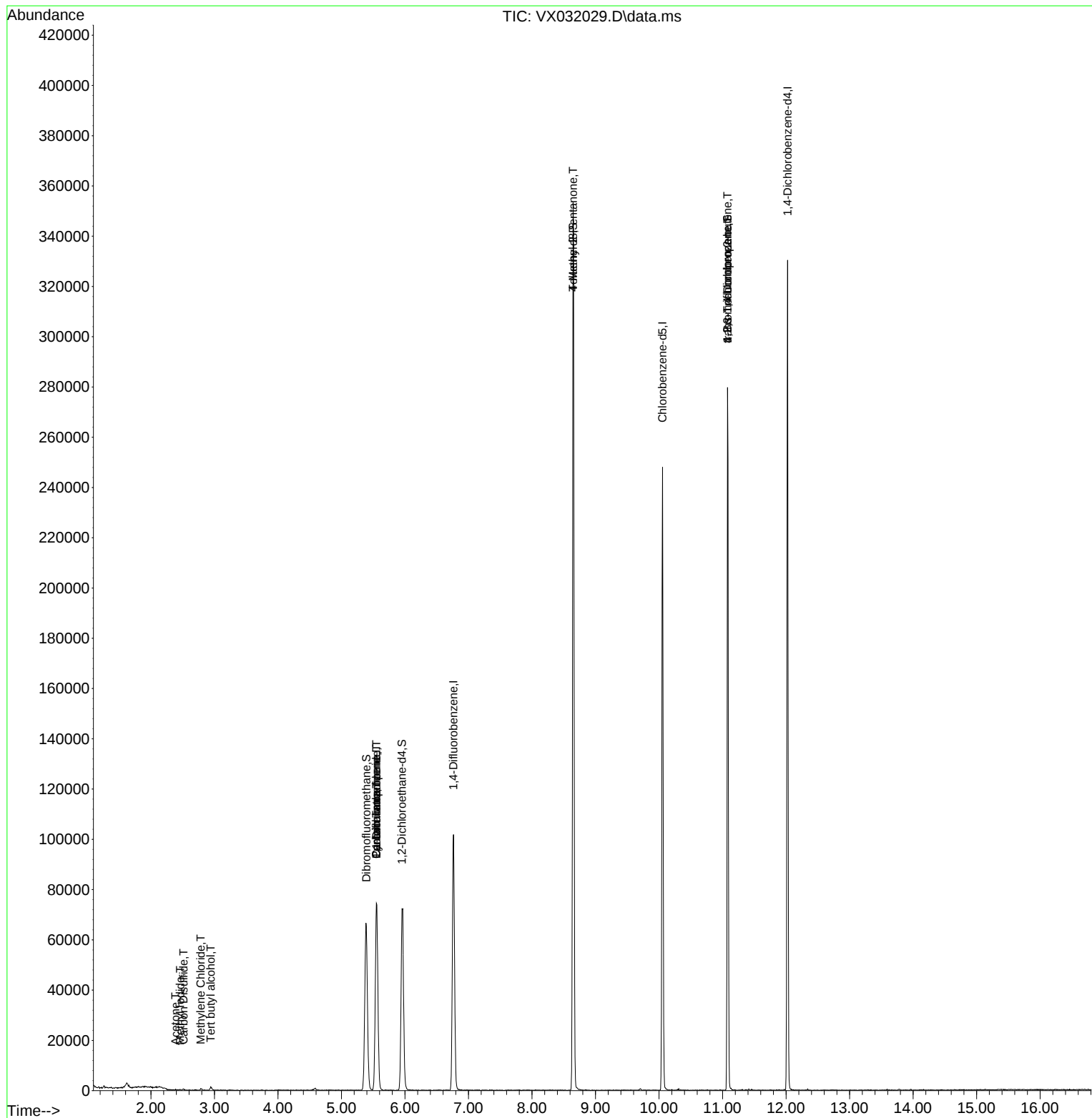
Internal Standards						
1) Pentafluorobenzene	5.550	168	69807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69668	48.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.640%		
35) Dibromofluoromethane	5.391	113	56013	47.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	206947	49.166	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	68118	45.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	306	Below Cal	#	70
10) Methyl Iodide	2.459	142	292	2.990	ug/l #	66
11) Tert butyl alcohol	2.940	59	803	4.477	ug/l #	73
16) Acetone	2.385	43	144	0.294	ug/l #	45
17) Carbon Disulfide	2.513	76	612	0.268	ug/l #	75
20) Methylene Chloride	2.782	84	328	0.255	ug/l #	48
31) Cyclohexane	5.550	56	1582	0.919	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	5497	3.544	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7594	4.788	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	978	0.666	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37301	28.608	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37301	97.812	ug/l #	11

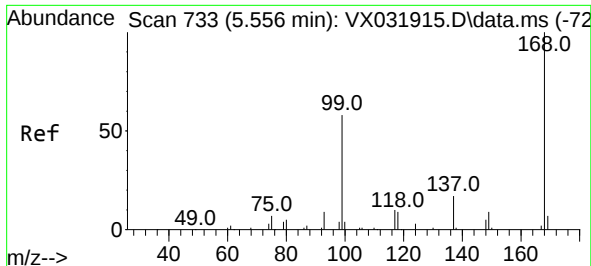
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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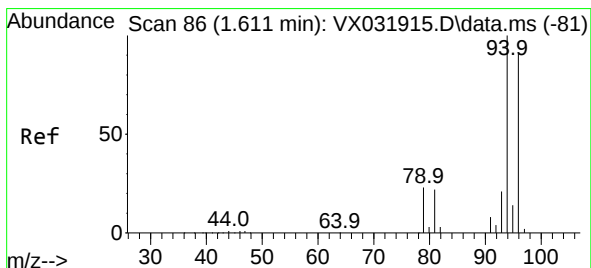
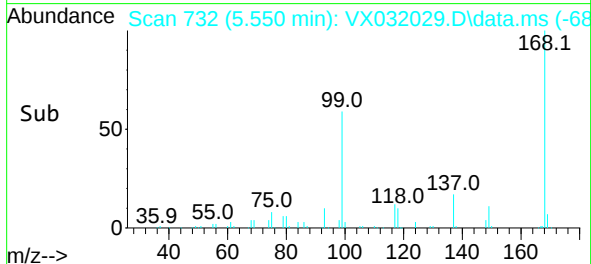
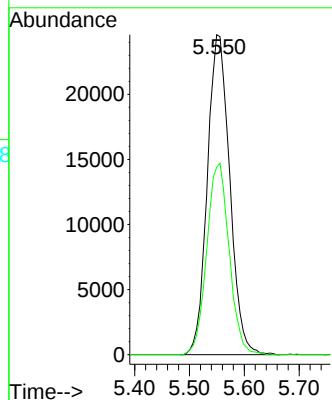
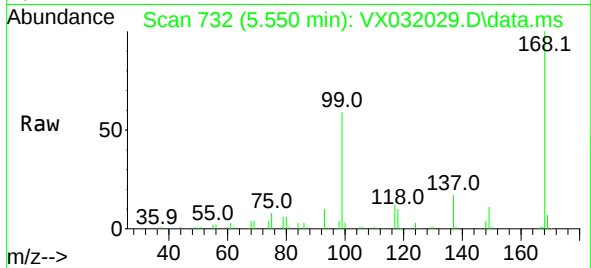




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

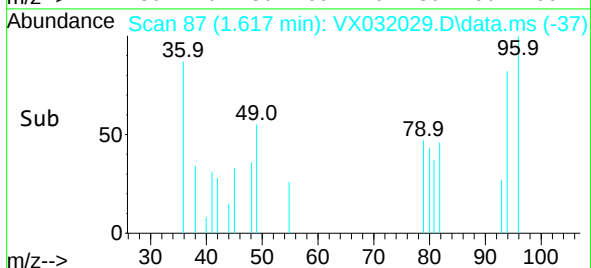
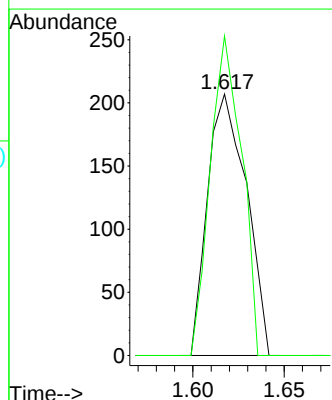
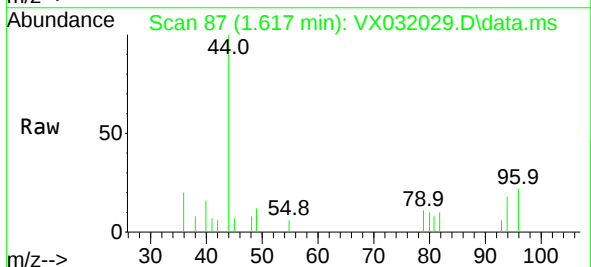
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

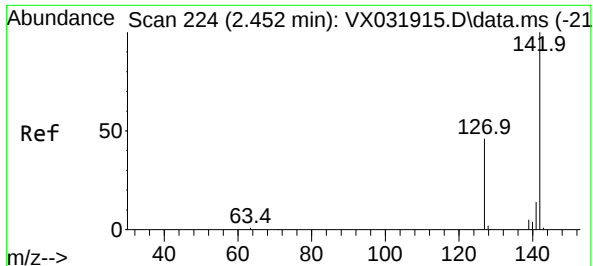
Tgt Ion:168 Resp: 69807
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

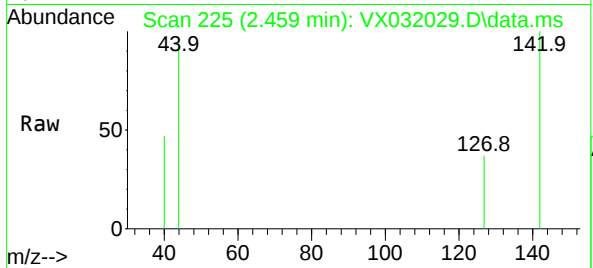
Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 122.2 74.4 111.6#



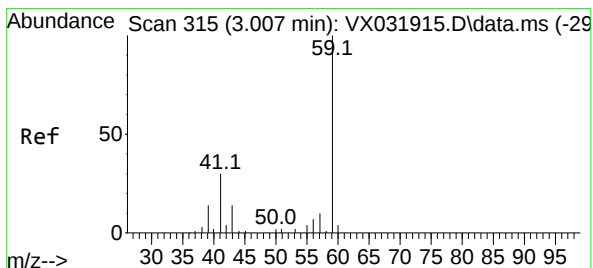
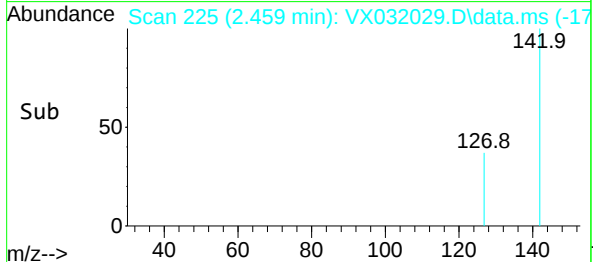
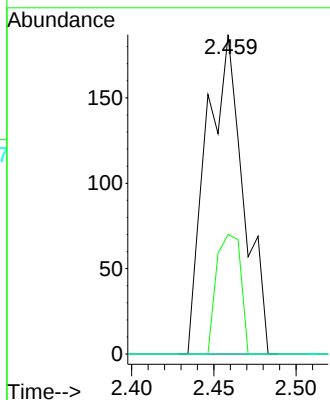


#10
Methyl Iodide
Concen: 2.990 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

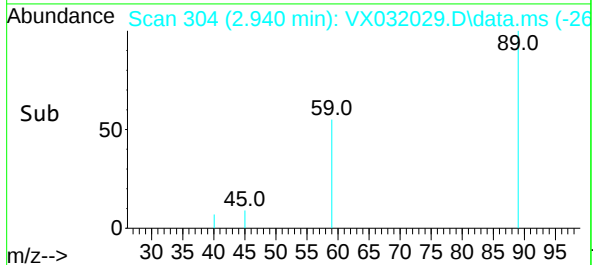
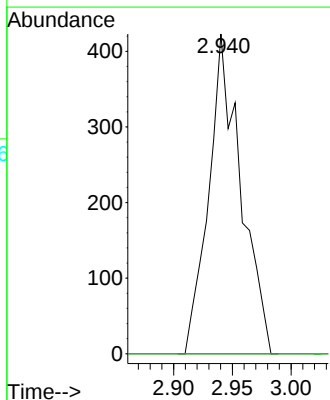
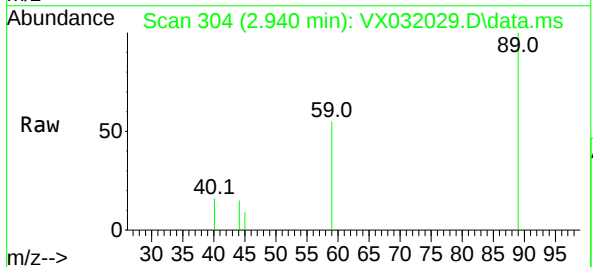


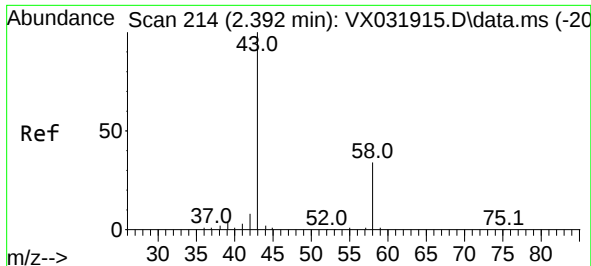
Tgt Ion:142 Resp: 292
Ion Ratio Lower Upper
142 100
127 24.7 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.477 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

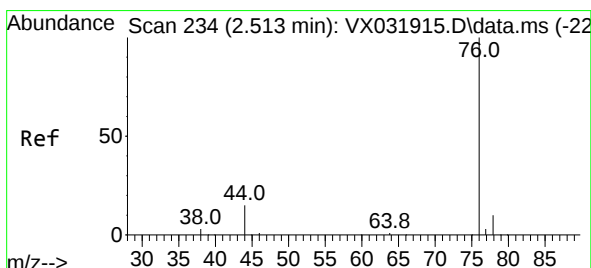
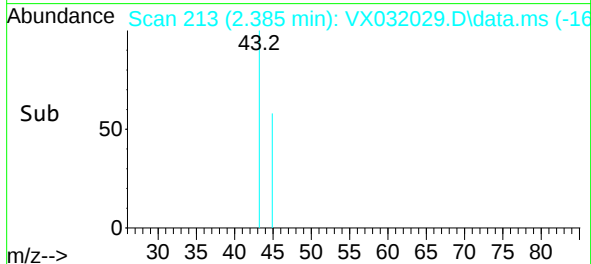
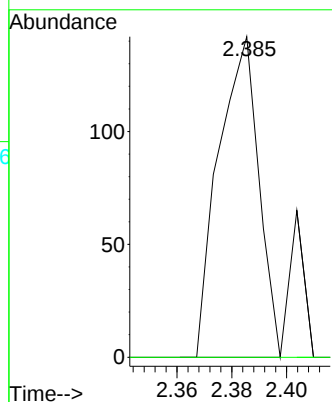
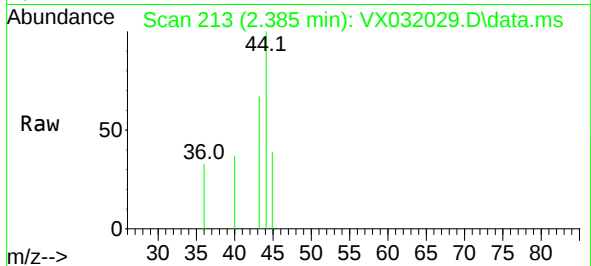




#16
Acetone
Concen: 0.294 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

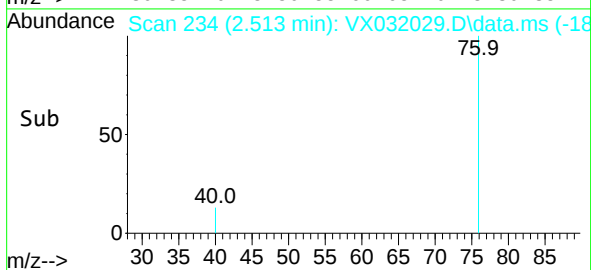
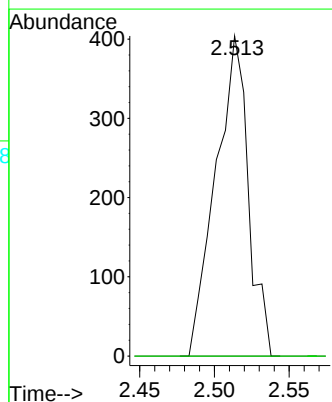
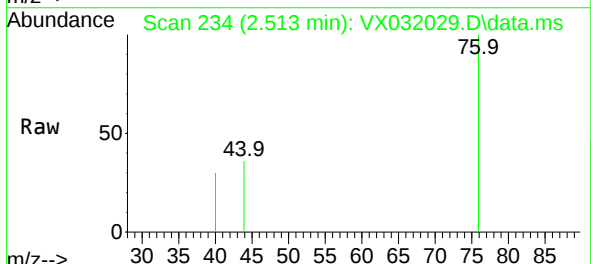
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

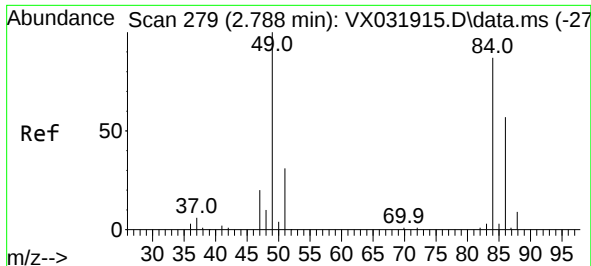
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 76 Resp: 612
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX032029.D

Acq: 11 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBL01

Tgt Ion: 84 Resp: 328

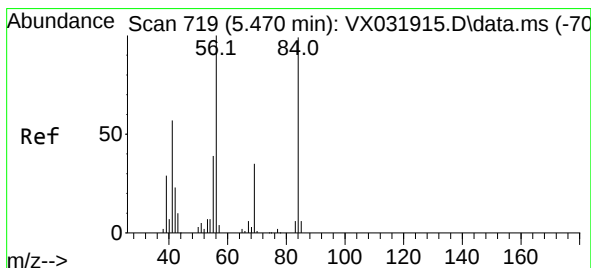
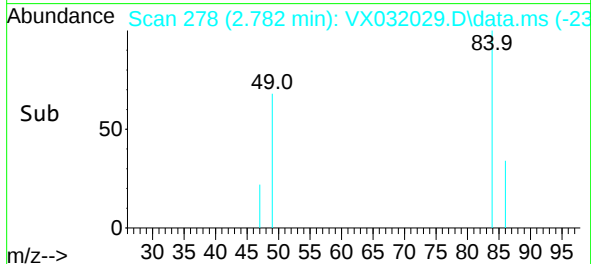
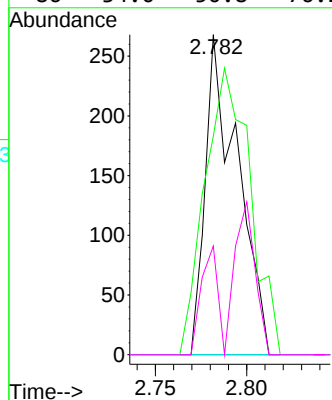
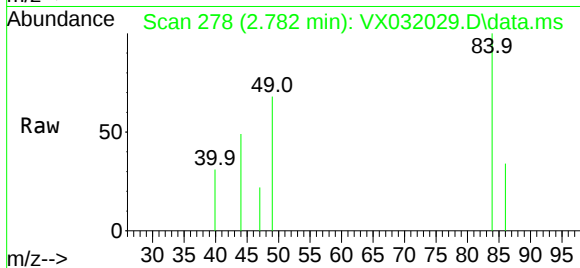
Ion Ratio Lower Upper

84 100

49 68.3 105.9 158.9#

51 0.0 32.2 48.2#

86 34.0 50.8 76.2#



#31

Cyclohexane

Concen: 0.919 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032029.D

Acq: 11 Oct 2022 12:09

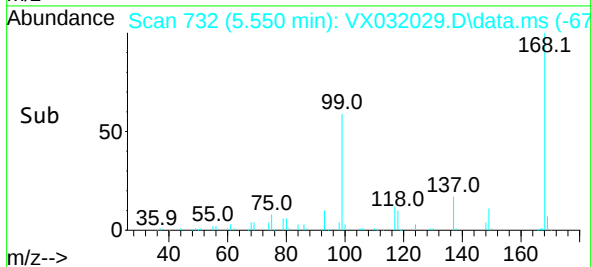
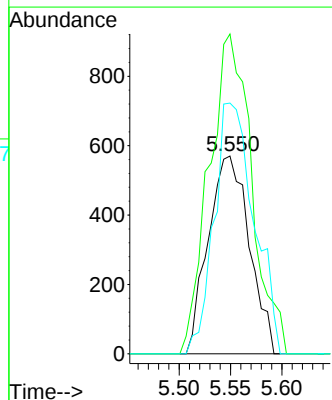
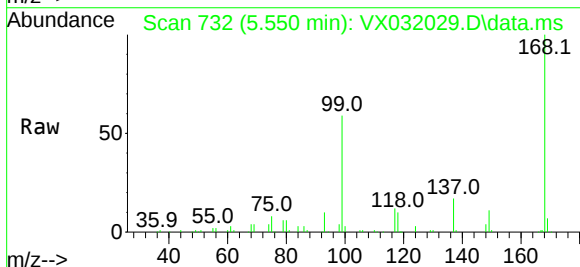
Tgt Ion: 56 Resp: 1582

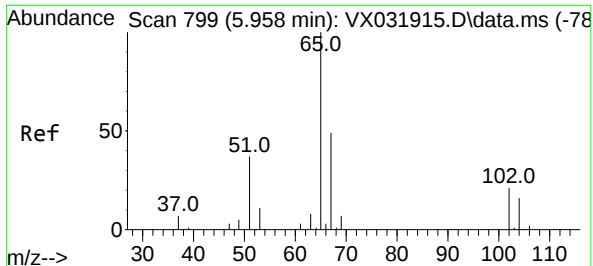
Ion Ratio Lower Upper

56 100

69 161.8 25.1 37.7#

84 126.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 48.325 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032029.D

Acq: 11 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

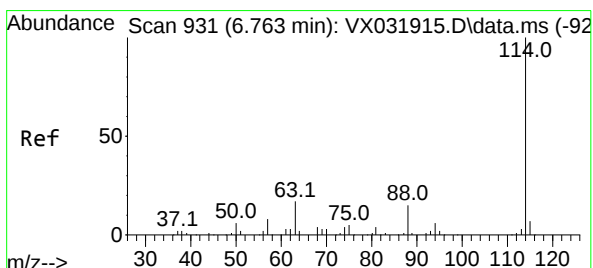
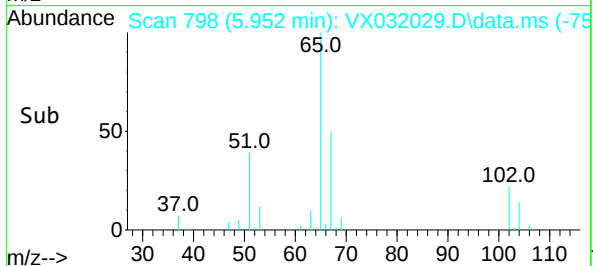
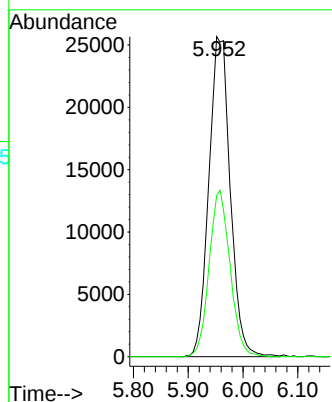
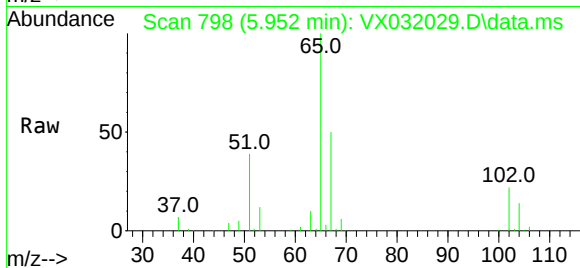
VX1011WBL01

Tgt Ion: 65 Resp: 69668

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032029.D

Acq: 11 Oct 2022 12:09

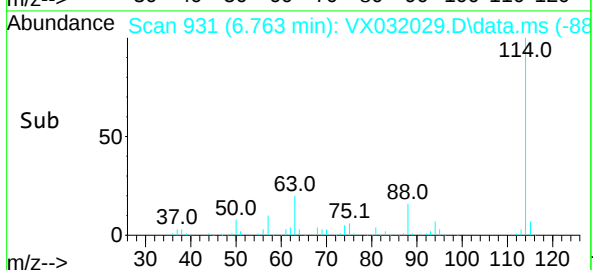
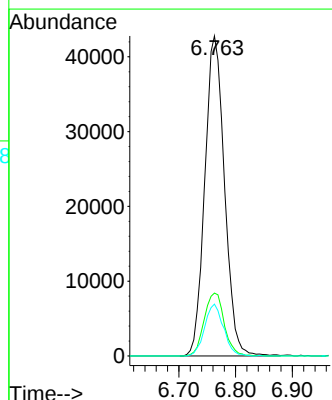
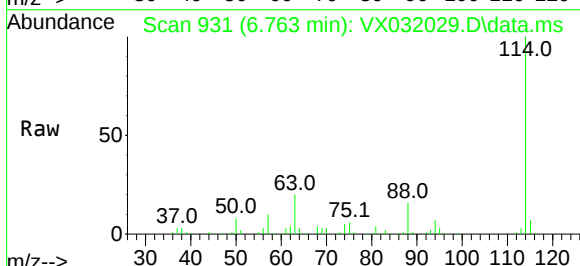
Tgt Ion: 114 Resp: 103340

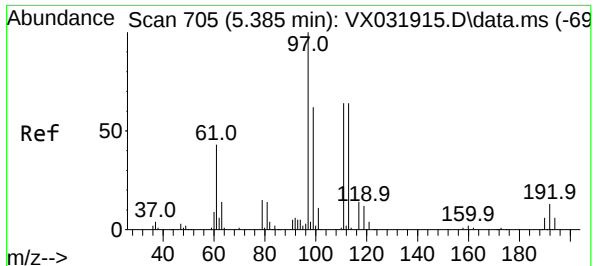
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 16.2 0.0 33.0

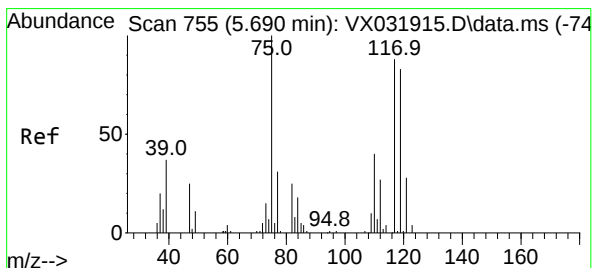
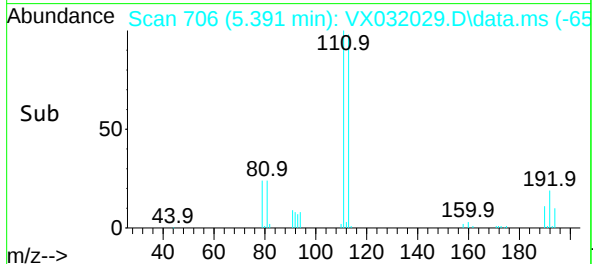
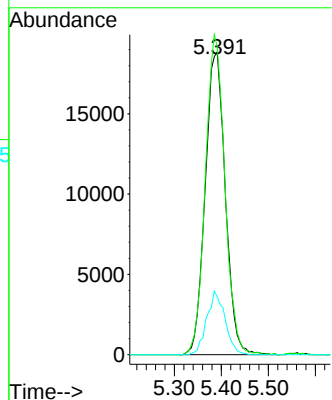
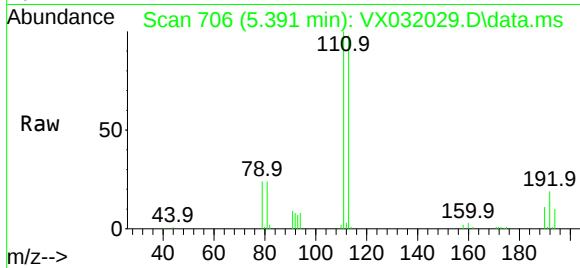




#35
Dibromofluoromethane
Concen: 47.885 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

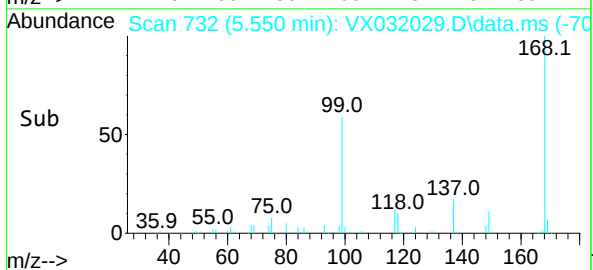
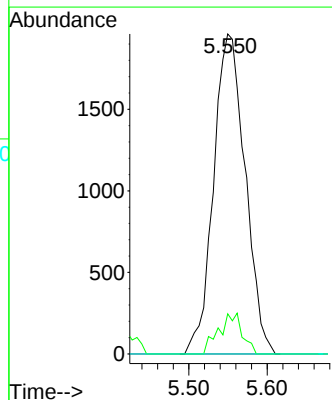
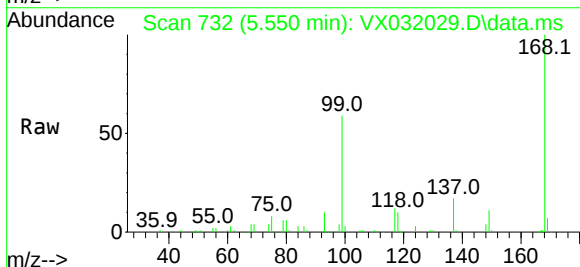
Instrument :
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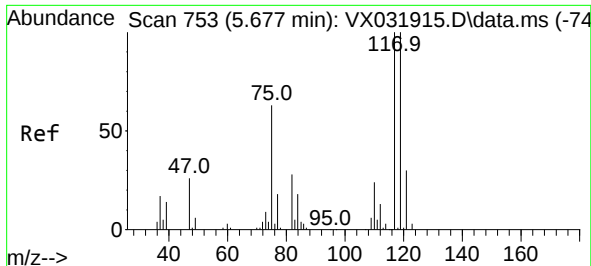
Tgt Ion:113 Resp: 56013
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.544 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 75 Resp: 5497
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.9 37.3#

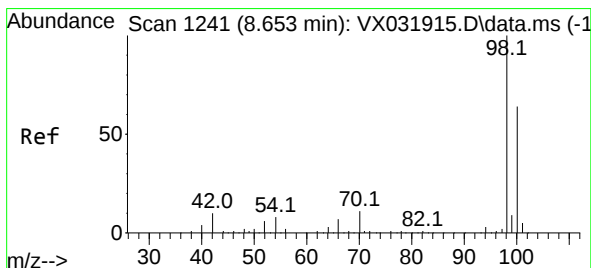
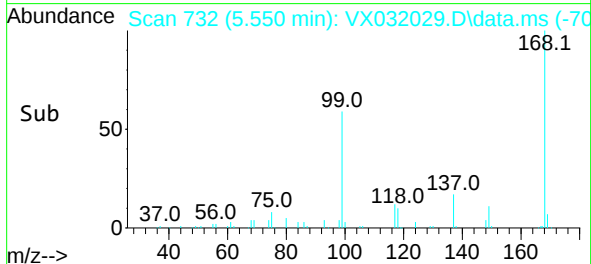
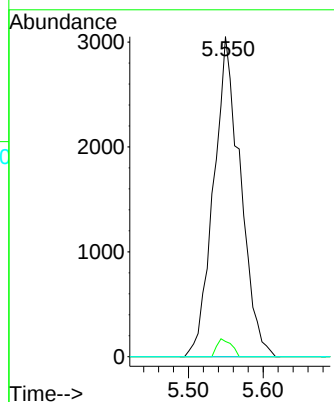
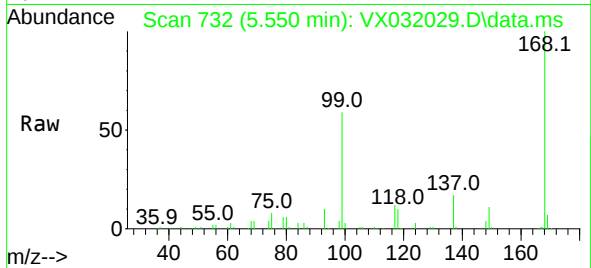




#38
Carbon Tetrachloride
Concen: 4.788 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

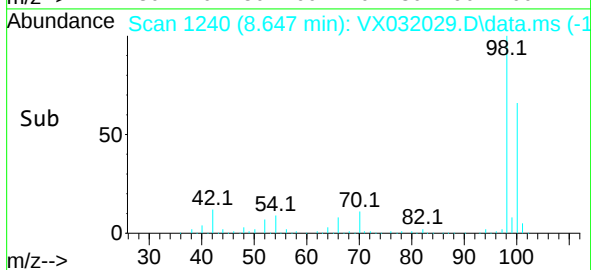
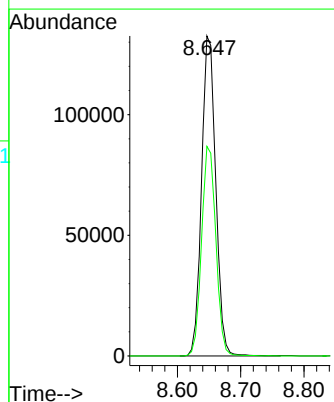
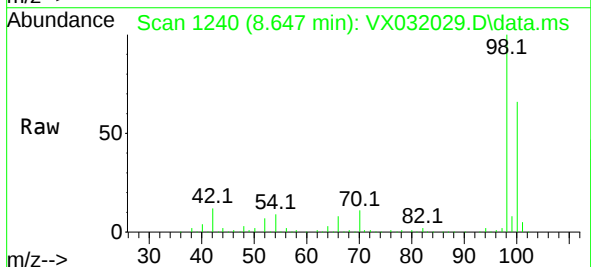
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

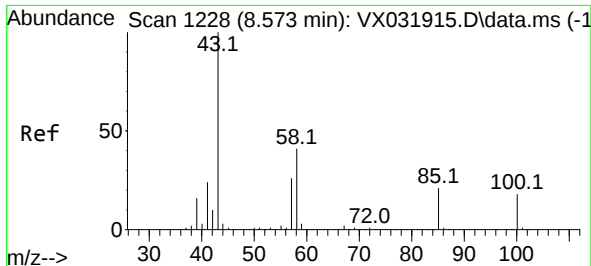
Tgt Ion:117 Resp: 7594
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.166 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 98 Resp: 206947
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

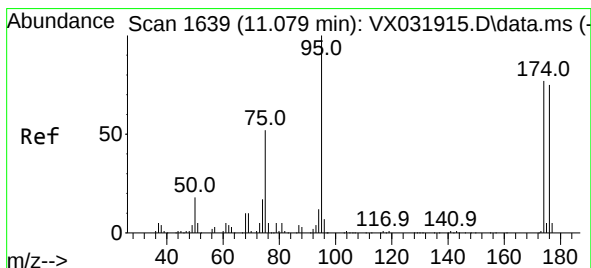
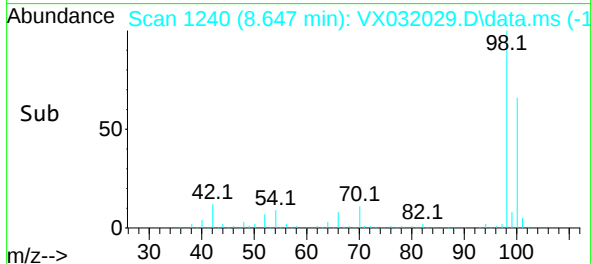
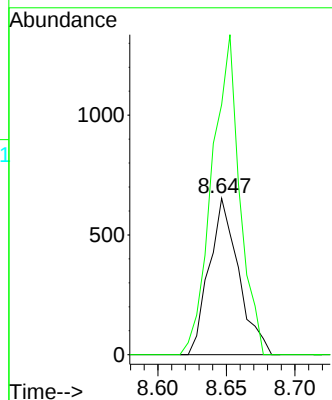
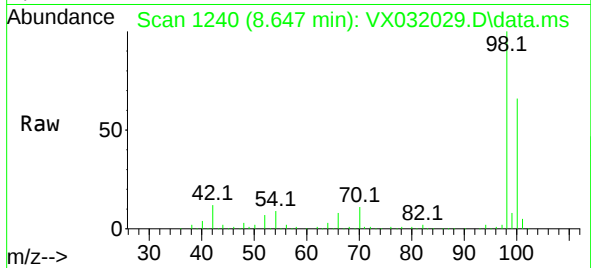




#51
4-Methyl-2-Pentanone
Concen: 0.666 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

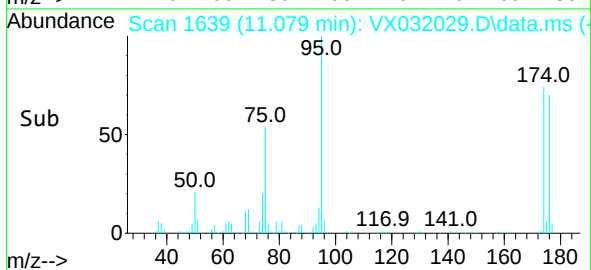
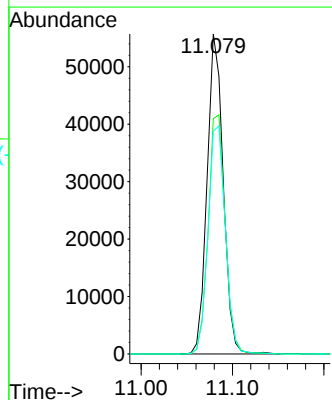
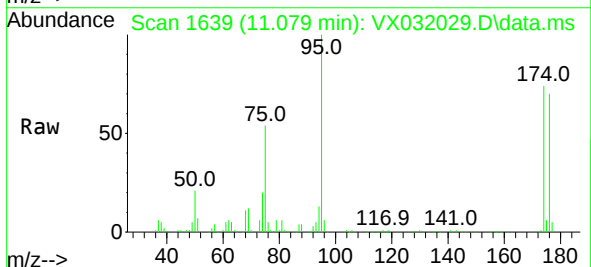
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

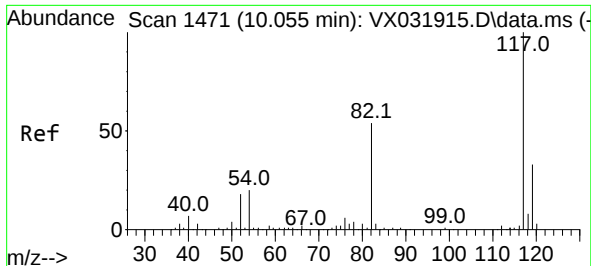
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 192.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 95 Resp: 68118
Ion Ratio Lower Upper
95 100
174 78.8 0.0 153.2
176 76.4 0.0 144.0

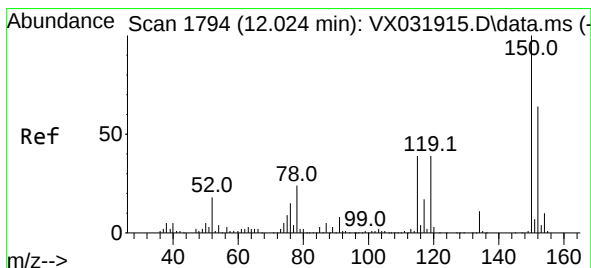
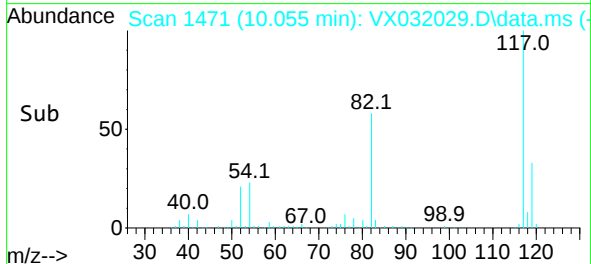
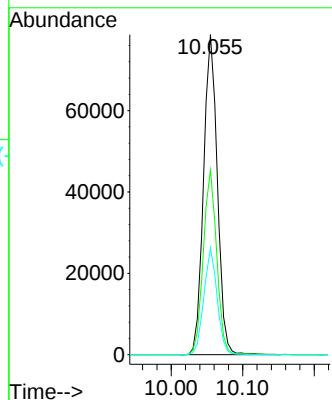
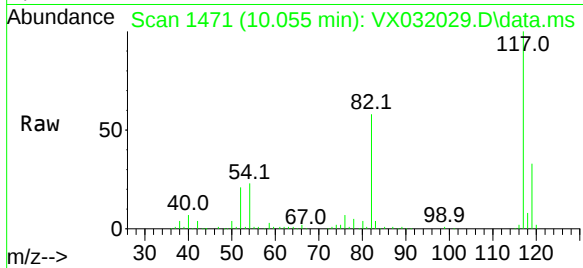




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

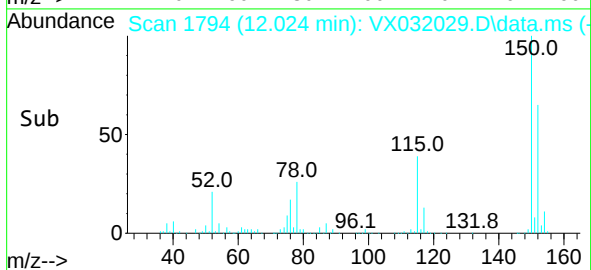
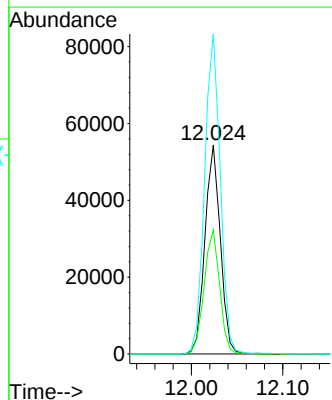
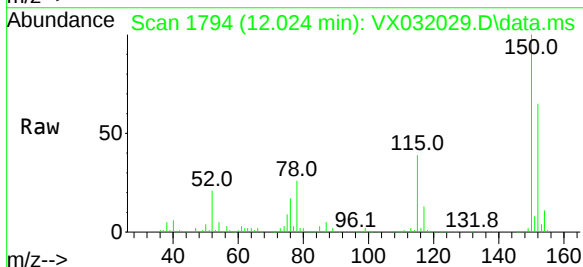
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

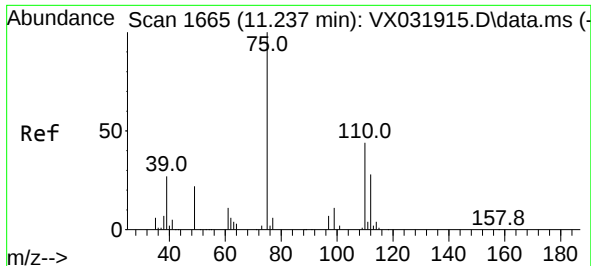
Tgt Ion:117 Resp: 105595
Ion Ratio Lower Upper
117 100
82 57.7 46.8 70.2
119 33.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion:152 Resp: 63619
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 156.1 0.0 346.8

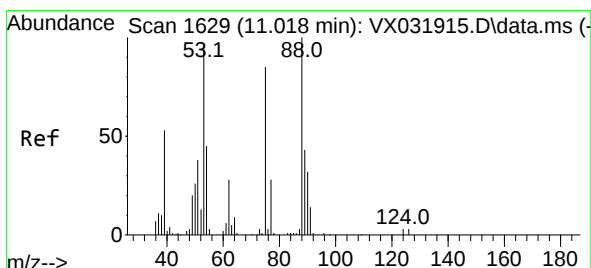
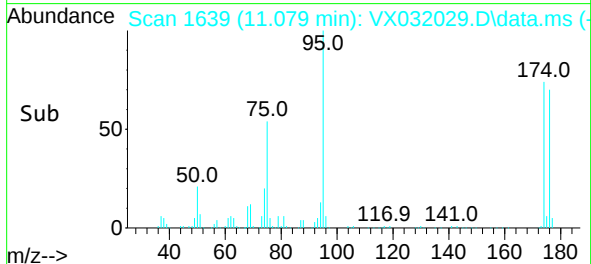
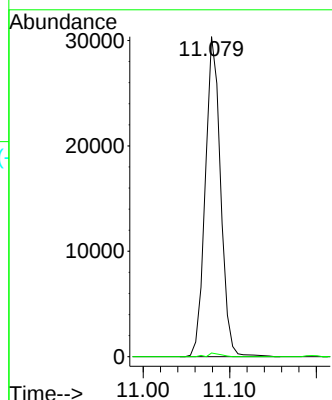
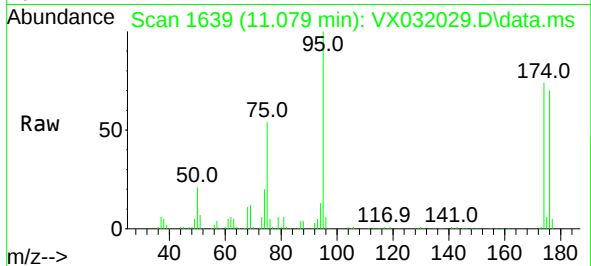




#76
1,2,3-Trichloropropane
Concen: 28.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 75 Resp: 37301
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032029.D
Acq: 11 Oct 2022 12:09

Tgt Ion: 75 Resp: 37301
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

