

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032105.D
 Acq On : 13 Oct 2022 12:59
 Operator : JC/MD
 Sample : N5132-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101222

Quant Time: Oct 14 07:50:38 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

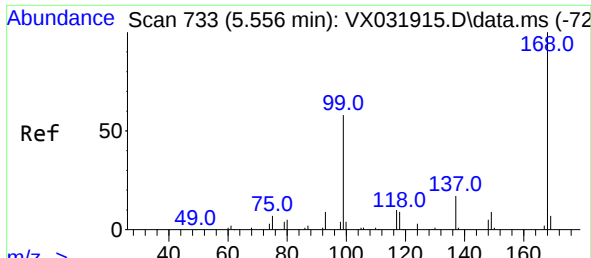
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	87434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95779	53.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	5.391	113	71326	47.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.620%	
50) Toluene-d8	8.647	98	265146	49.396	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	11.079	95	91603	48.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	332	Below Cal	#	51
10) Methyl Iodide	2.459	142	320	2.960	ug/l #	77
11) Tert butyl alcohol	2.946	59	24698	109.935	ug/l #	77
15) Acrylonitrile	2.934	53	290	0.405	ug/l #	17
16) Acetone	2.386	43	1392	2.268	ug/l	94
18) Methyl Acetate	2.568	43	1376	0.680	ug/l #	52
19) Methyl tert-butyl Ether	2.946	73	1301	0.291	ug/l #	56
20) Methylene Chloride	2.794	84	423	0.262	ug/l #	94
25) 2-Butanone	4.580	43	2239	2.334	ug/l #	72
26) 2,2-Dichloropropane	4.580	77	2526	1.377	ug/l #	54
31) Cyclohexane	5.543	56	2281	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.739	75	414	0.209	ug/l #	41
37) Ethyl Acetate	4.580	43	2239	1.202	ug/l #	17
38) Carbon Tetrachloride	5.556	117	9944	4.916	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	51013	30.874	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	51013	105.275	ug/l #	11

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

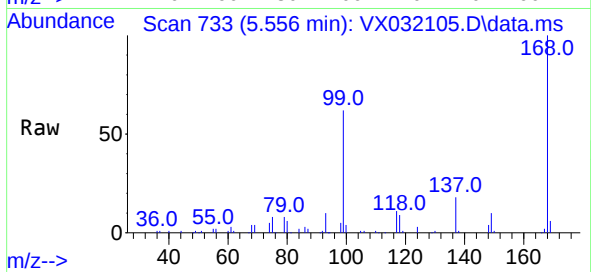
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration



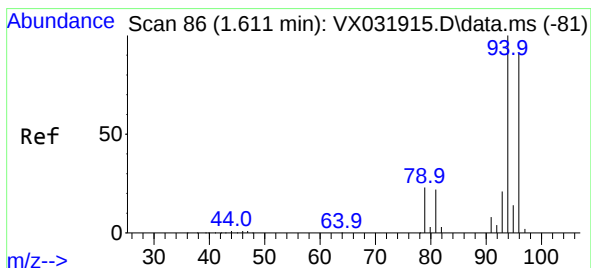
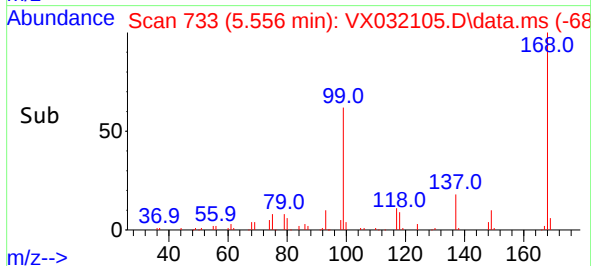
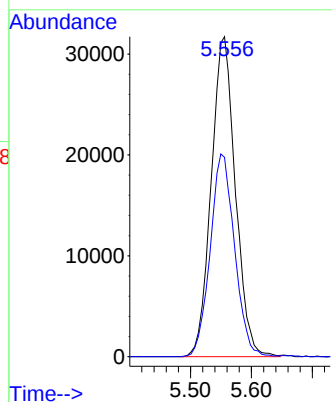


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

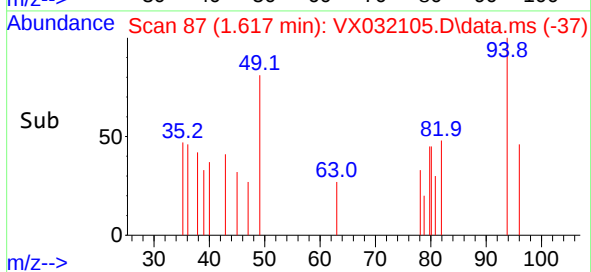
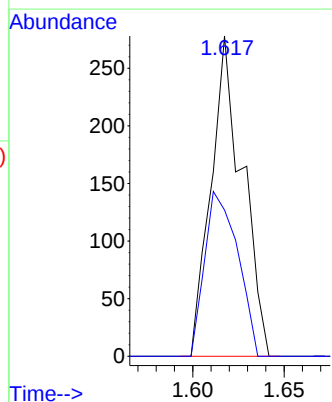
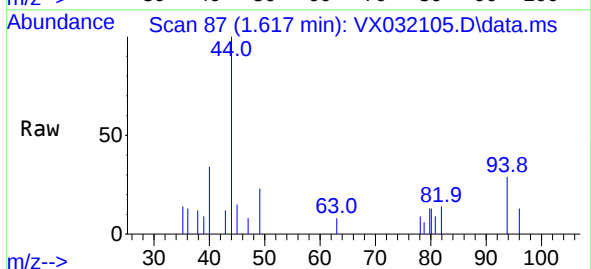


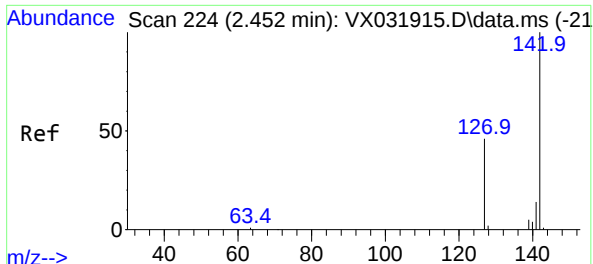
Tgt Ion:168 Resp: 87434
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 45.7 74.4 111.6#

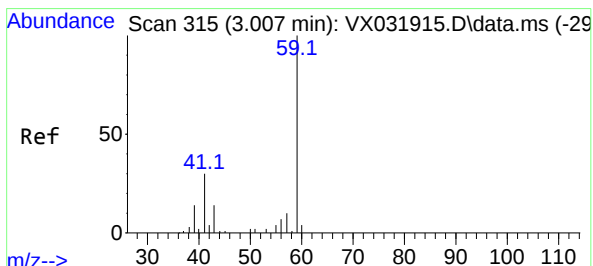
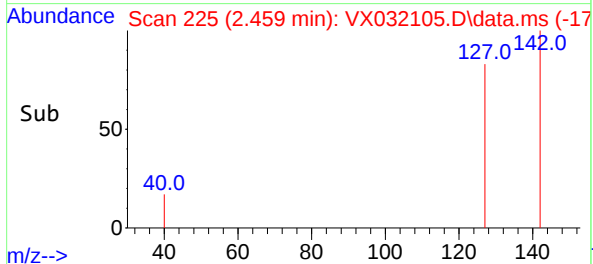
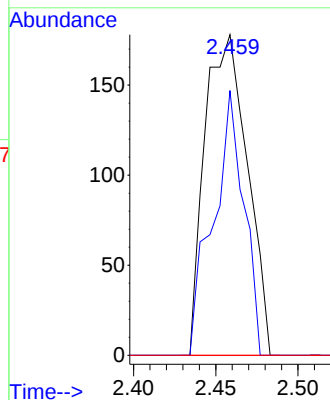
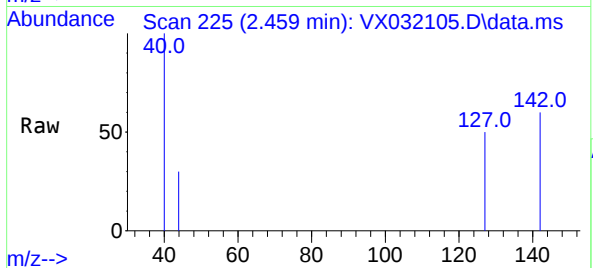




#10
Methyl Iodide
Concen: 2.960 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

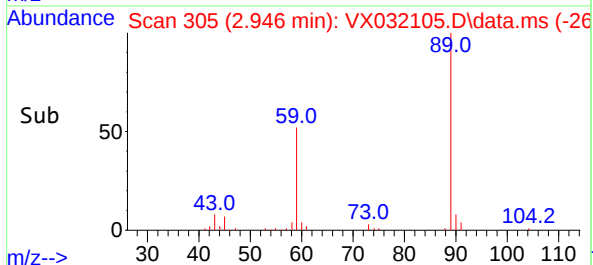
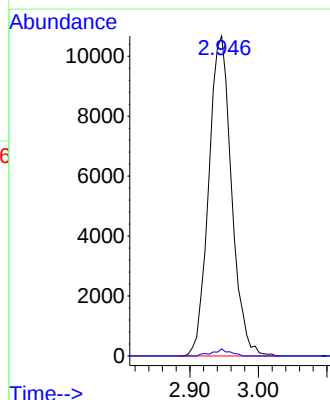
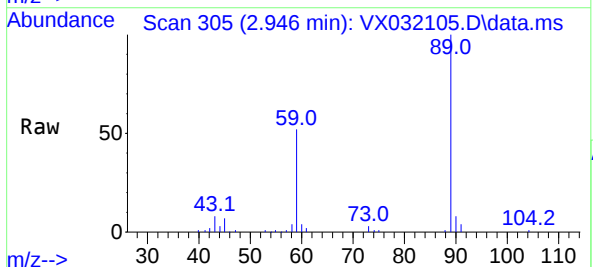
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

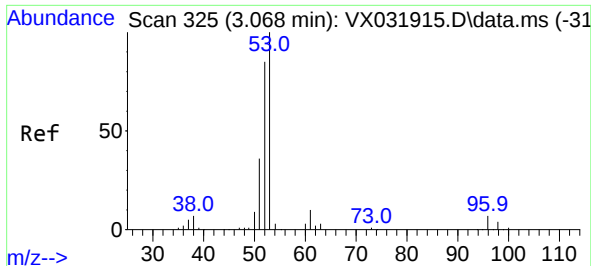
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
127 59.7 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 109.935 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 59 Resp: 24698
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.2#

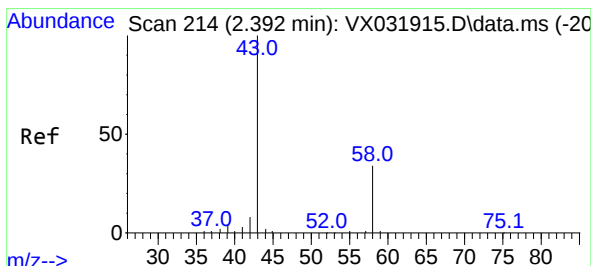
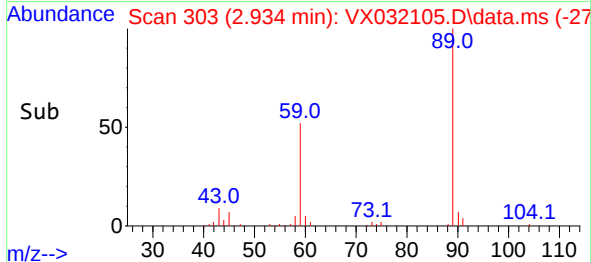
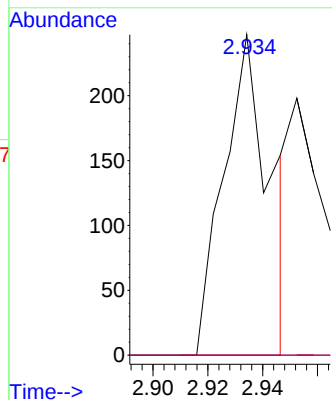
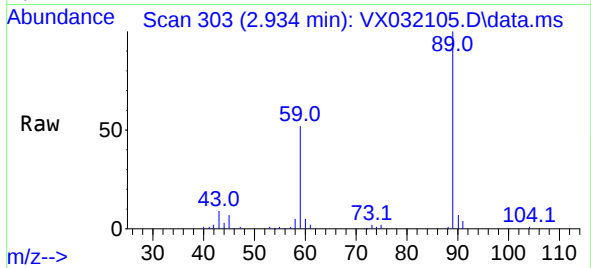




#15
Acrylonitrile
Concen: 0.405 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.134 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

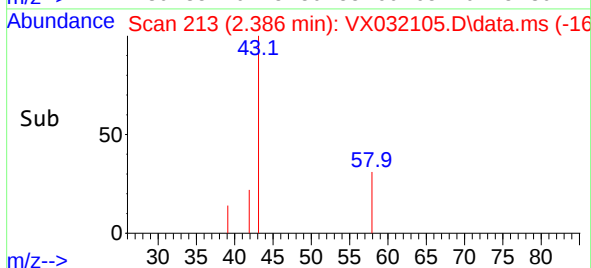
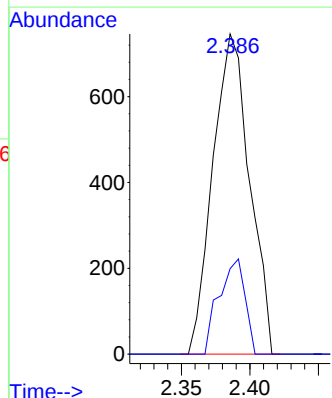
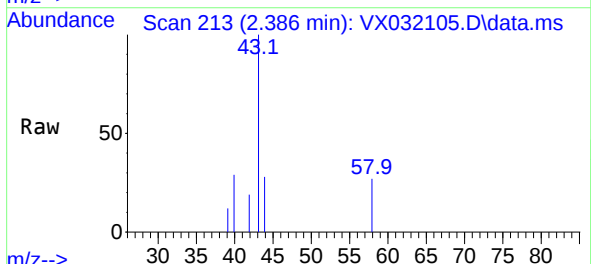
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

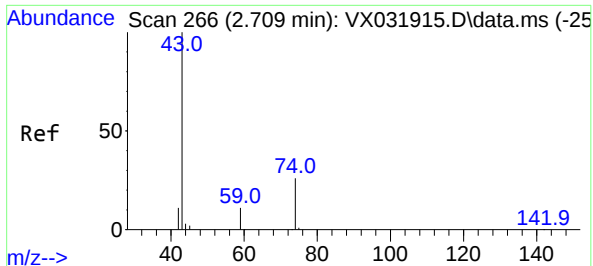
Tgt Ion: 53 Resp: 290
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 30.0 45.0#



#16
Acetone
Concen: 2.268 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 26.7 23.8 35.8





#18

Methyl Acetate

Concen: 0.680 ug/l

RT: 2.568 min Scan# 243

Delta R.T. -0.141 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

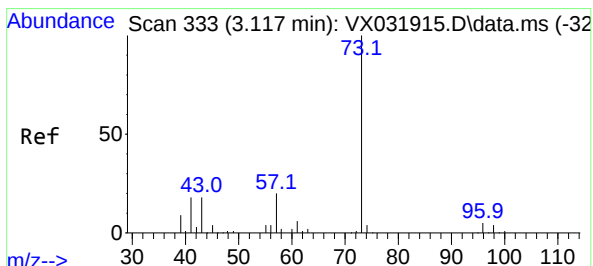
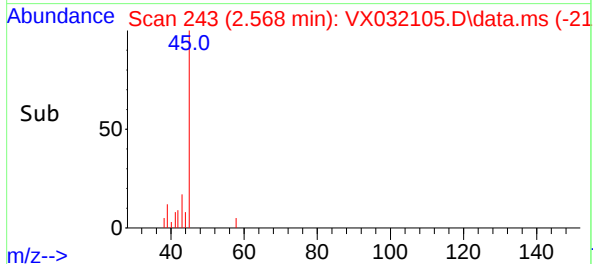
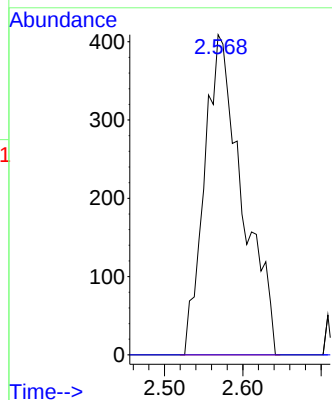
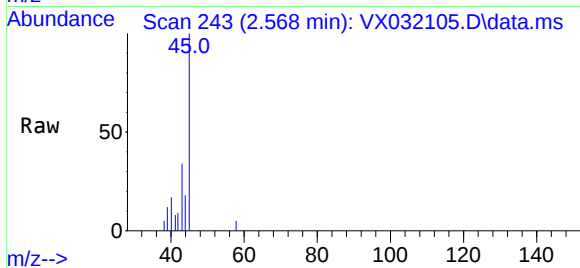
TB-01-101222

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 0.291 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.171 min

Lab File: VX032105.D

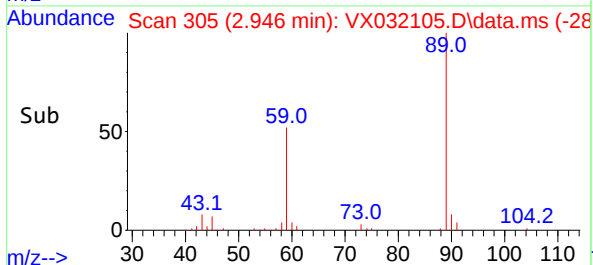
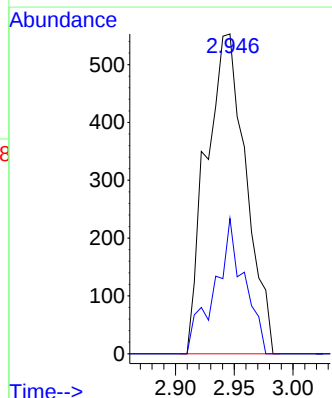
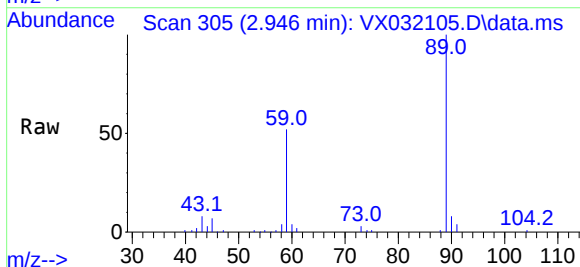
Acq: 13 Oct 2022 12:59

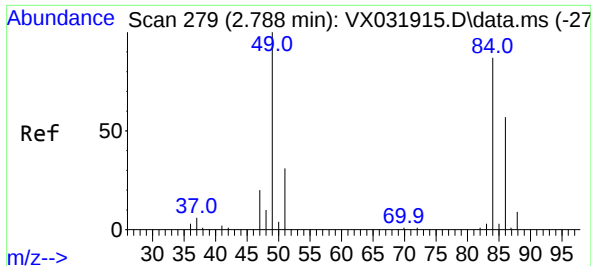
Tgt Ion: 73 Resp: 1301

Ion Ratio Lower Upper

73 100

57 42.3 17.2 25.8#

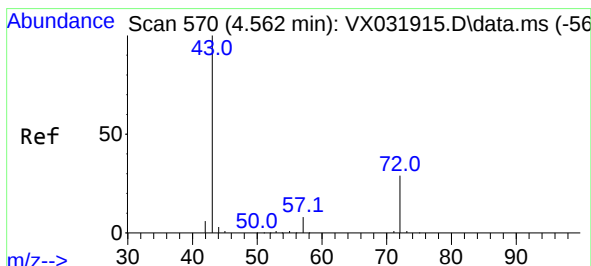
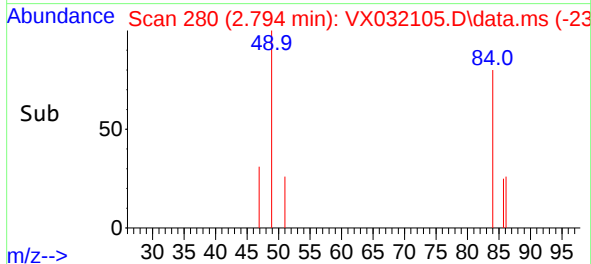
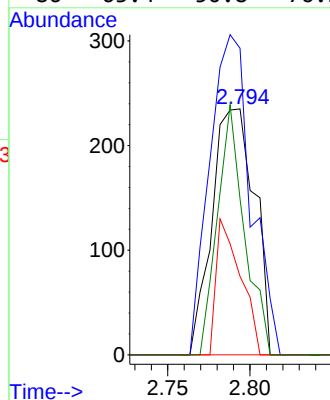
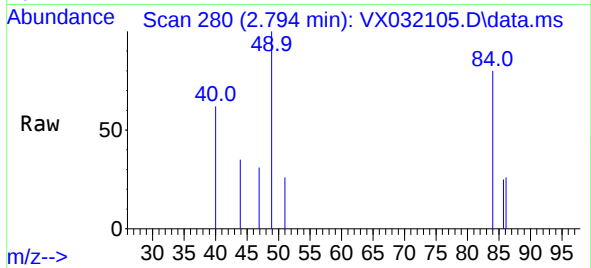




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

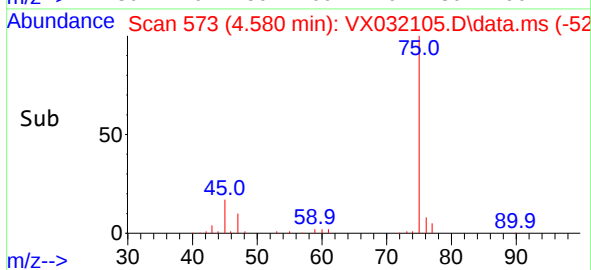
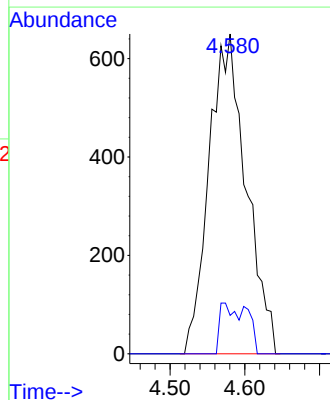
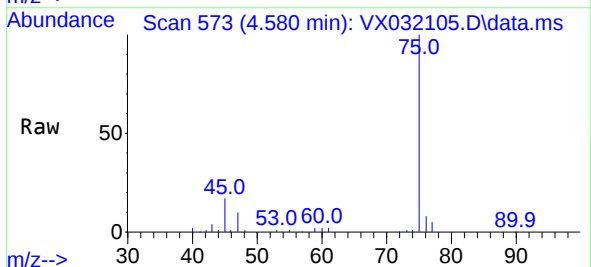
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

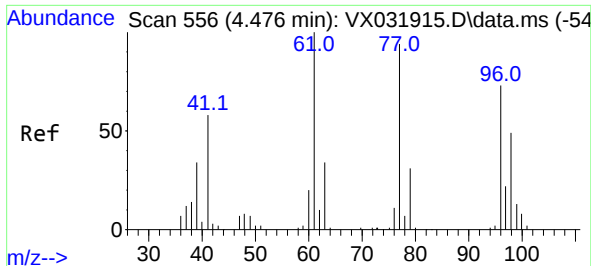
Tgt Ion: 84 Resp: 423
Ion Ratio Lower Upper
84 100
49 124.7 105.9 158.9
51 31.9 32.2 48.2#
86 63.4 50.8 76.2



#25
2-Butanone
Concen: 2.334 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
72 12.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 1.377 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.104 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

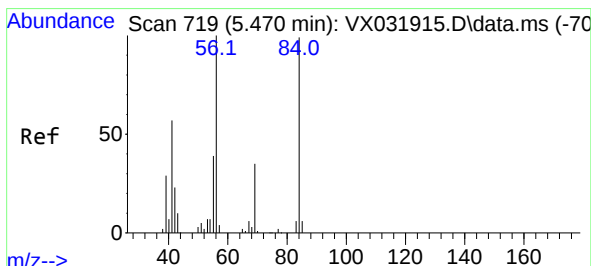
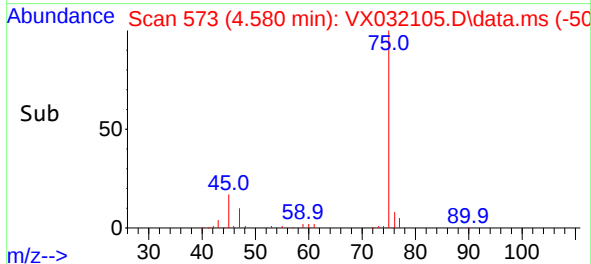
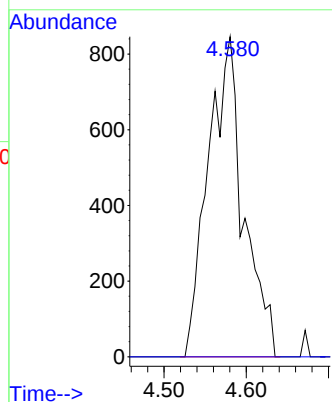
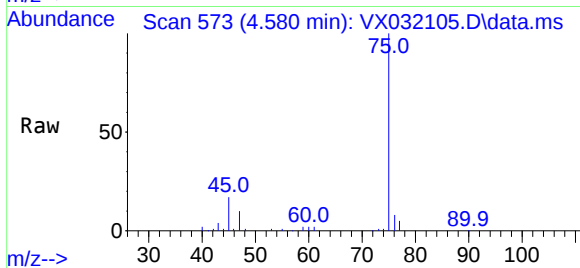
TB-01-101222

Tgt Ion: 77 Resp: 2526

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

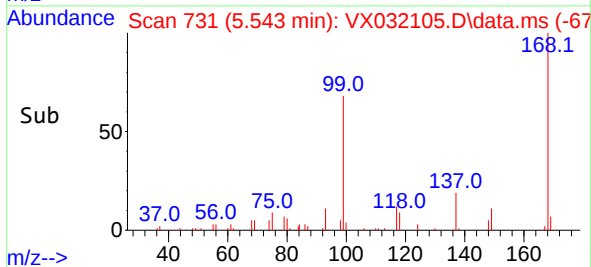
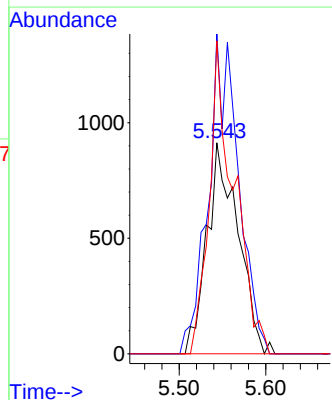
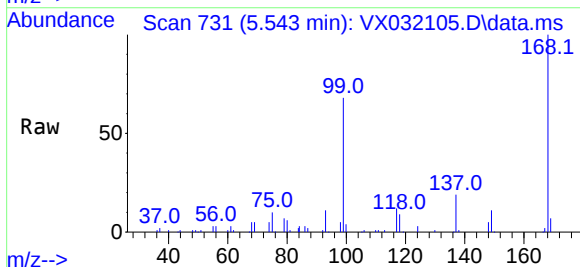
Tgt Ion: 56 Resp: 2281

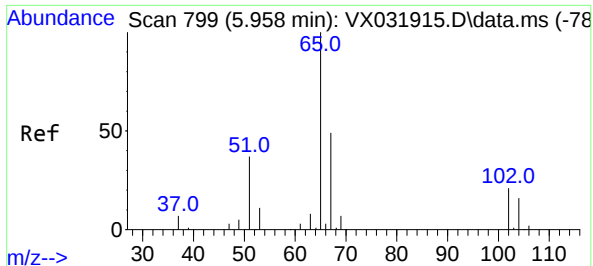
Ion Ratio Lower Upper

56 100

69 151.6 25.1 37.7#

84 148.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 53.043 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

Instrument :

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ClientSampleId :

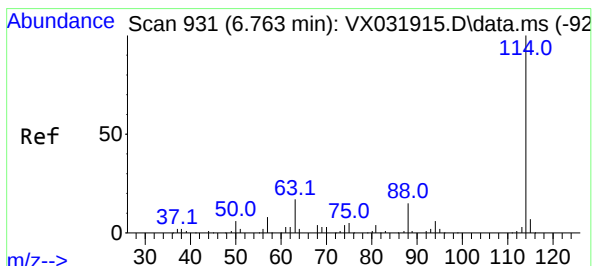
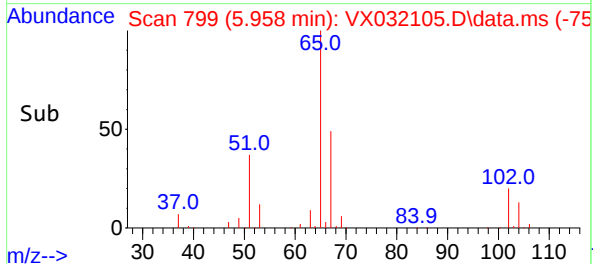
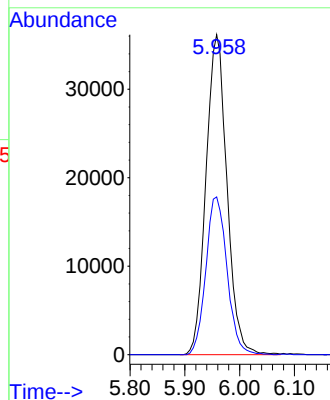
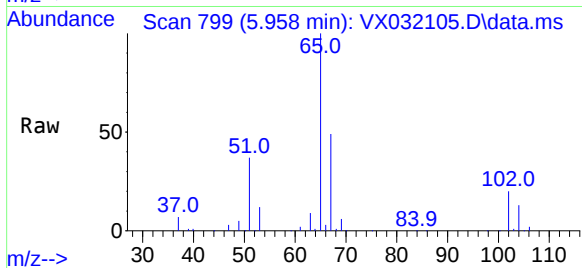
TB-01-101222

Tgt Ion: 65 Resp: 95779

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032105.D

Acq: 13 Oct 2022 12:59

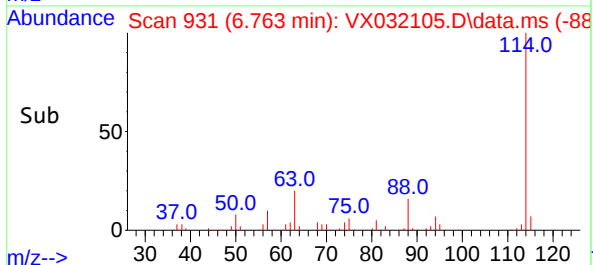
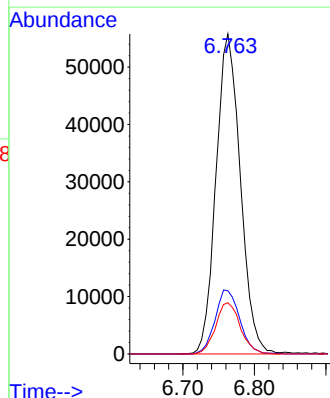
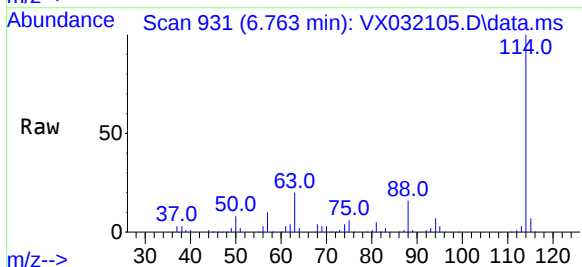
Tgt Ion: 114 Resp: 131785

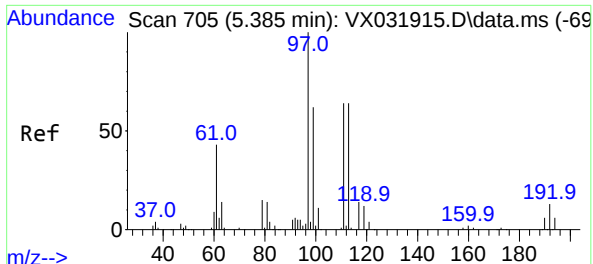
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.0 0.0 33.0

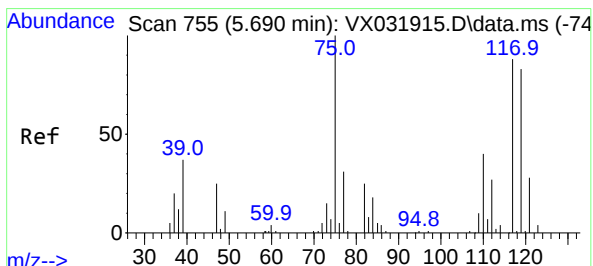
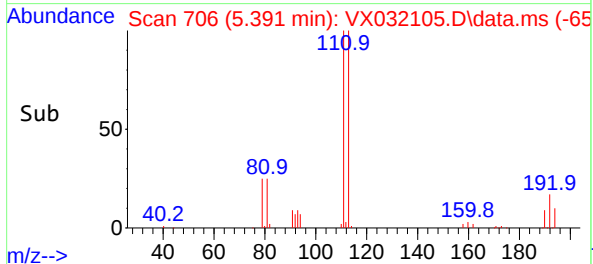
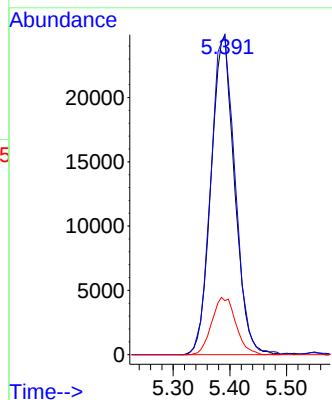
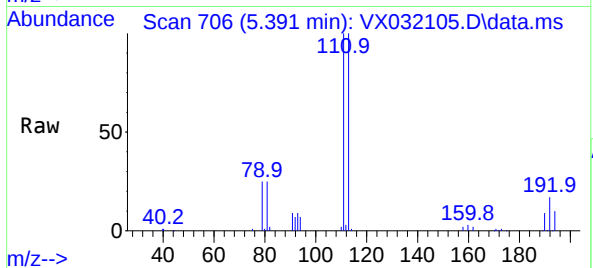




#35
Dibromofluoromethane
Concen: 47.814 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

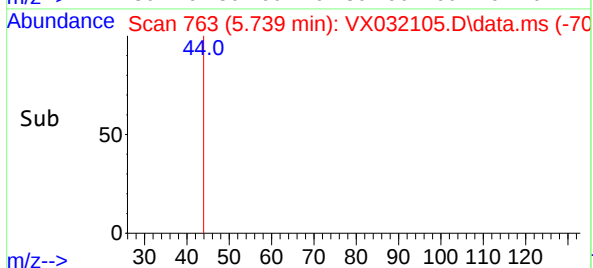
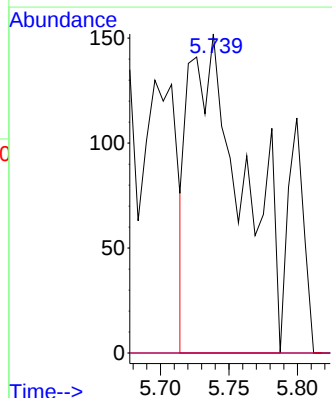
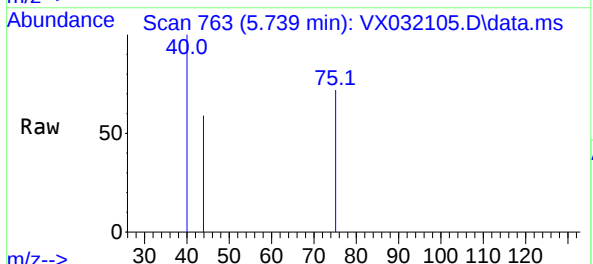
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

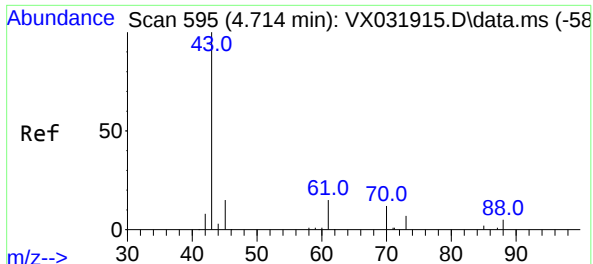
Tgt Ion:113 Resp: 71326
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 0.209 ug/l
RT: 5.739 min Scan# 763
Delta R.T. 0.049 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 75 Resp: 414
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.202 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

TB-01-101222

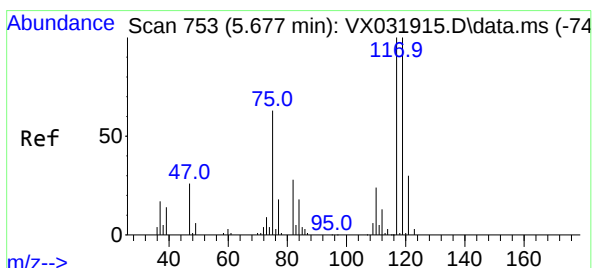
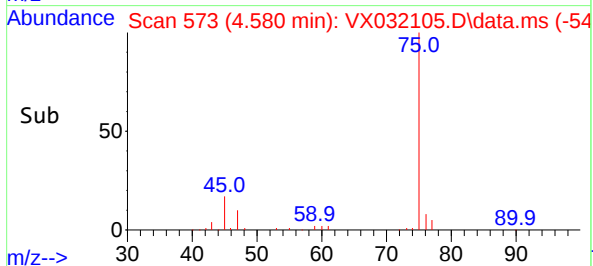
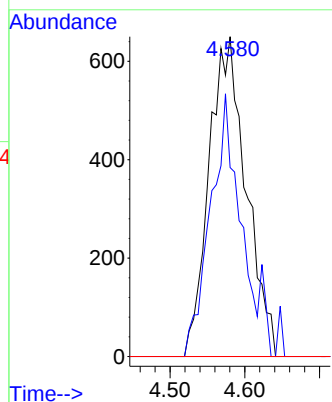
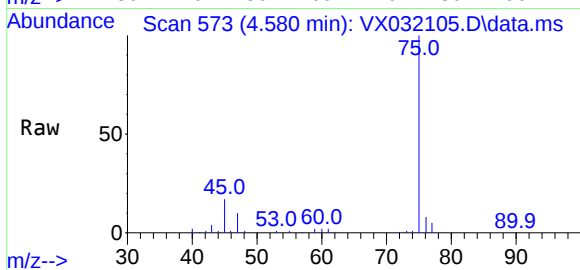
Tgt Ion: 43 Resp: 2239

Ion Ratio Lower Upper

43 100

61 64.6 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.916 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

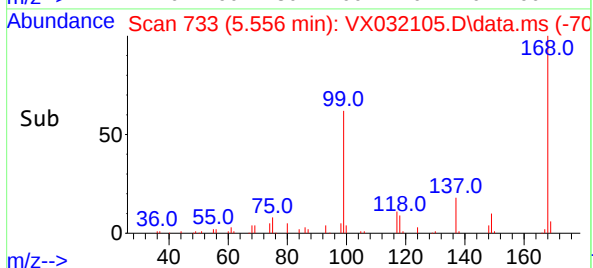
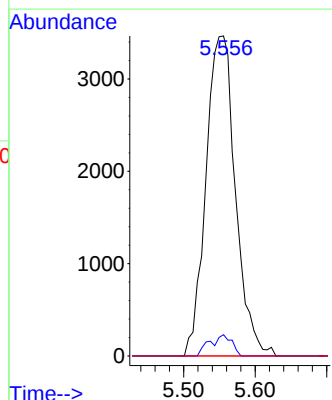
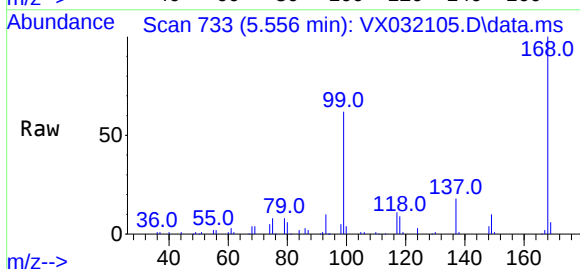
Tgt Ion: 117 Resp: 9944

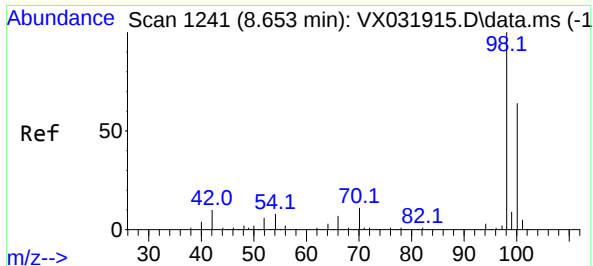
Ion Ratio Lower Upper

117 100

119 6.6 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.396 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

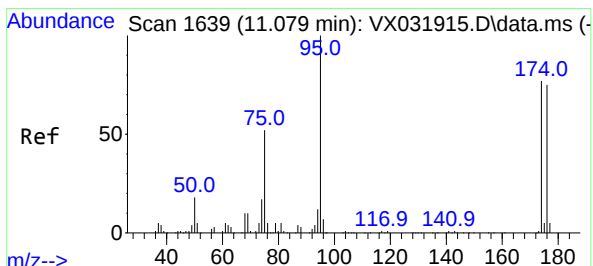
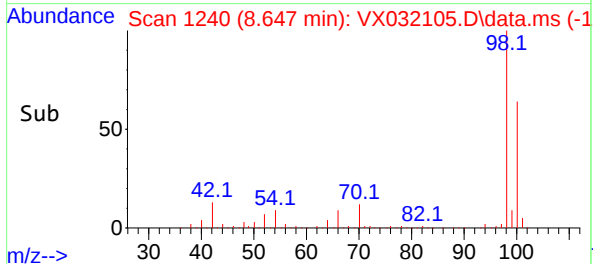
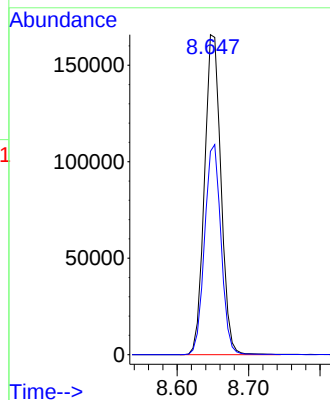
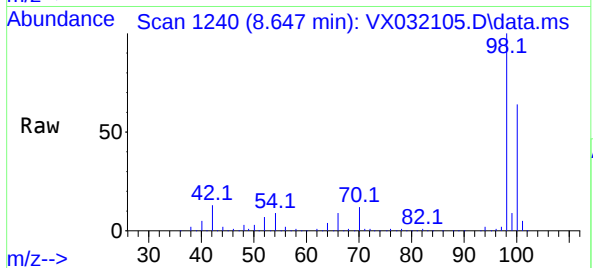
TB-01-101222

Tgt Ion: 98 Resp: 265146

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 48.272 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032105.D

Acq: 13 Oct 2022 12:59

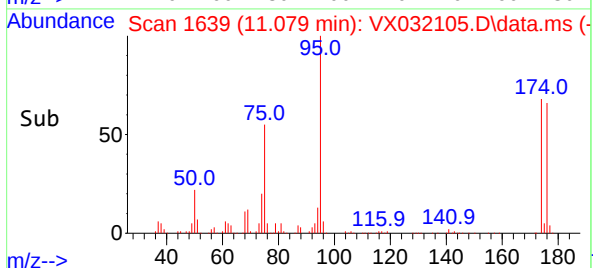
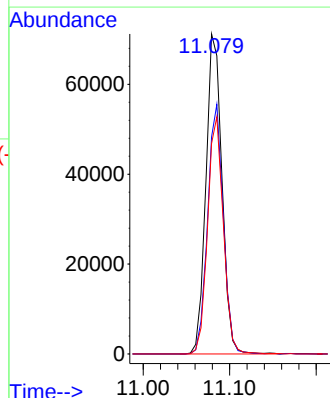
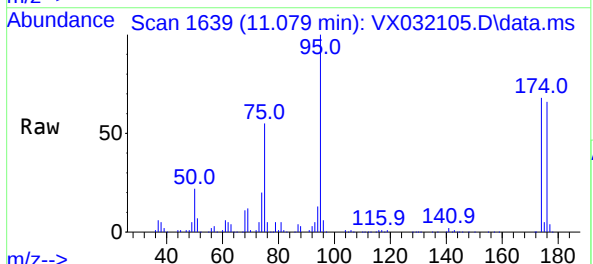
Tgt Ion: 95 Resp: 91603

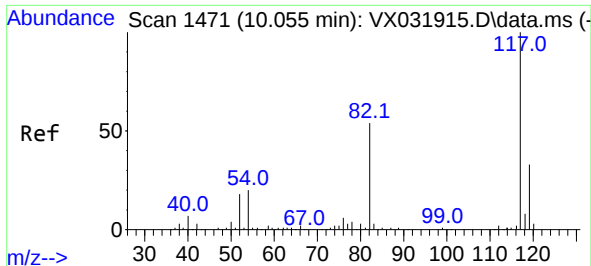
Ion Ratio Lower Upper

95 100

174 76.2 0.0 153.2

176 72.7 0.0 144.0

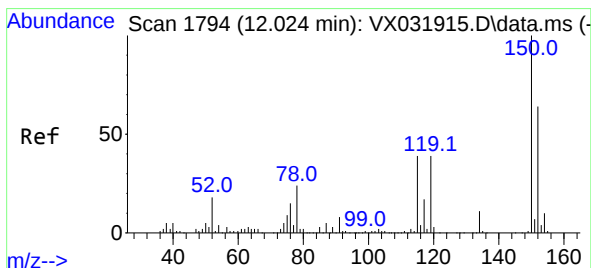
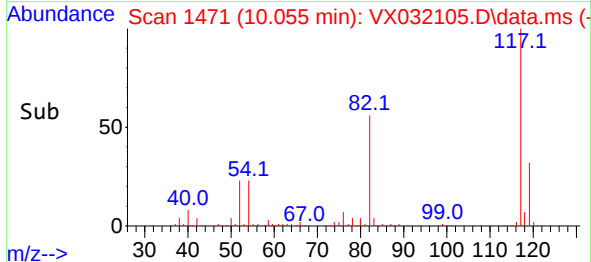
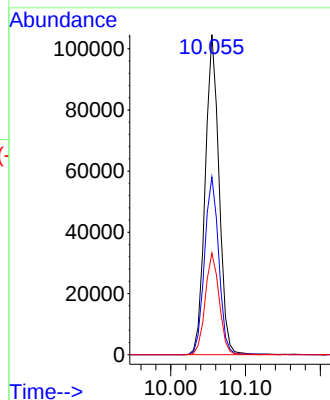
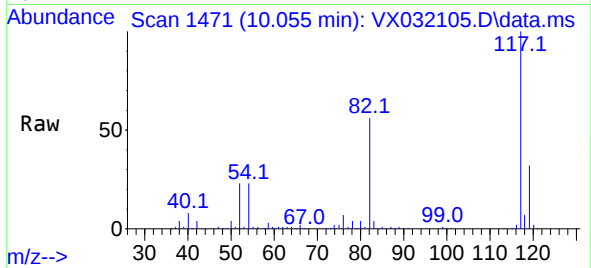




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

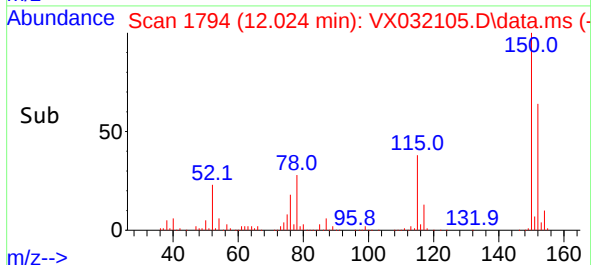
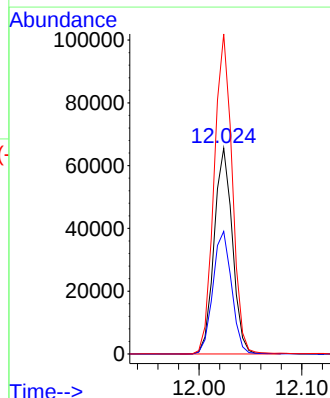
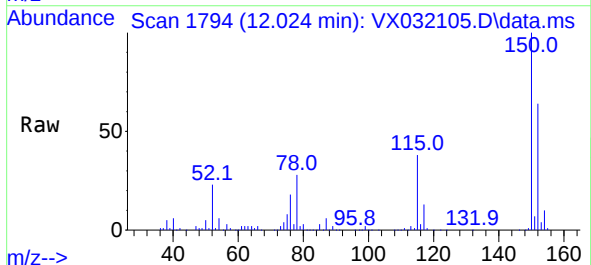
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

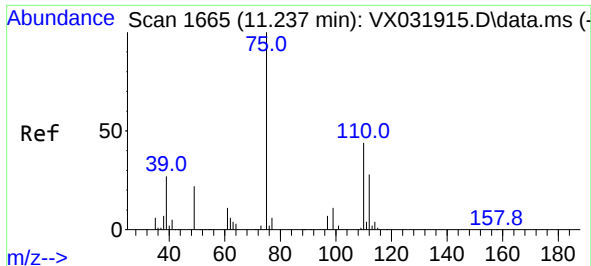
Tgt Ion:117 Resp: 134221
Ion Ratio Lower Upper
117 100
82 55.5 46.8 70.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion:152 Resp: 80620
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 154.5 0.0 346.8

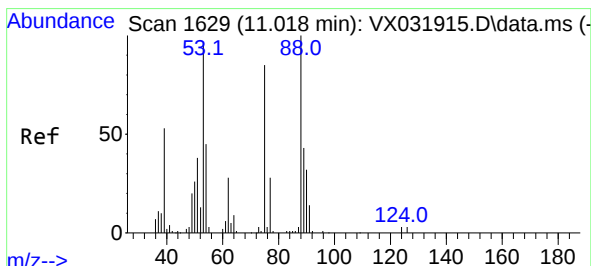
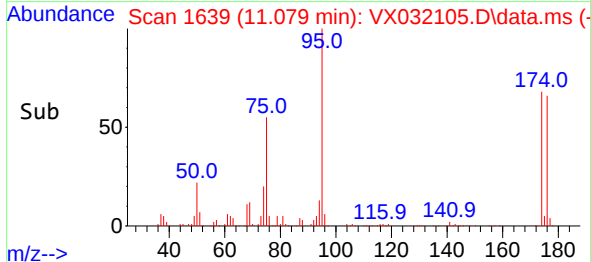
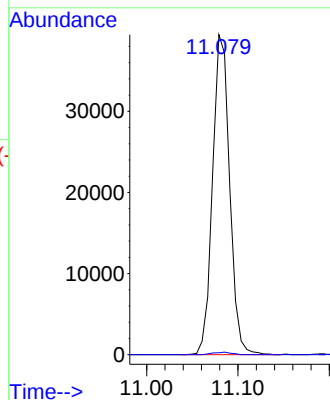
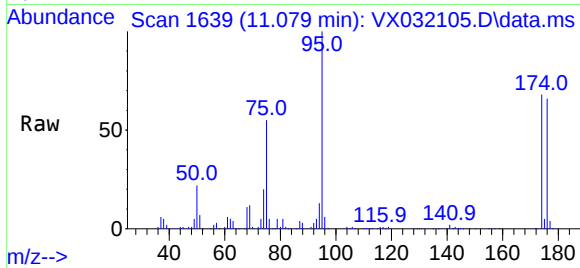




#76
1,2,3-Trichloropropane
Concen: 30.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101222

Tgt Ion: 75 Resp: 51013
Ion Ratio Lower Upper
75 100
77 0.8 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032105.D
Acq: 13 Oct 2022 12:59

Tgt Ion: 75 Resp: 51013
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

