

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032020.D
 Acq On : 10 Oct 2022 18:13
 Operator : JC/MD
 Sample : N4937-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114D

Quant Time: Oct 11 06:00:38 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)

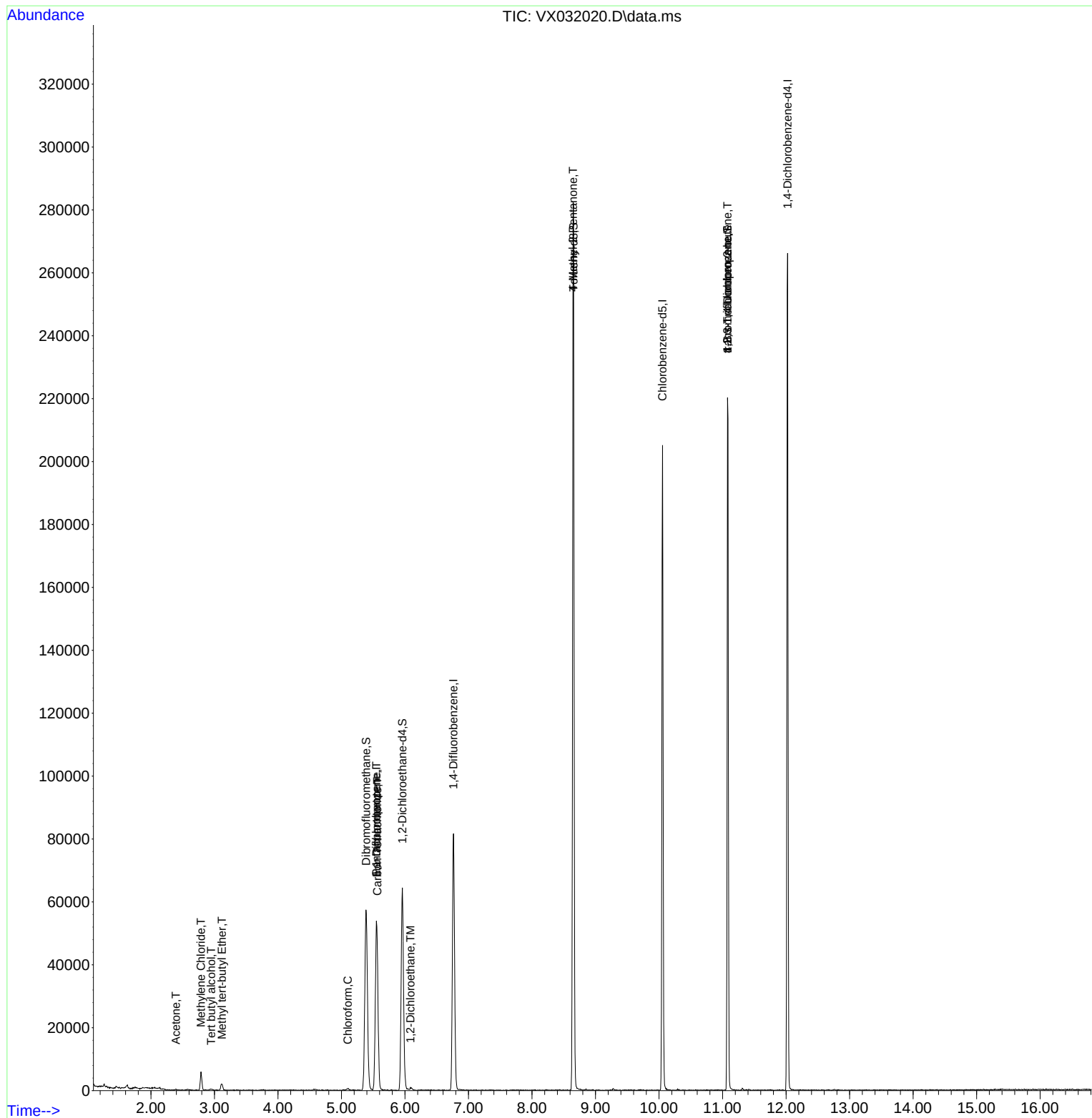
Internal Standards						
1) Pentafluorobenzene	5.550	168	50924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59955	57.008	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.020%	
35) Dibromofluoromethane	5.385	113	48417	51.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	8.653	98	168013	49.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	56311	46.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	202	Below Cal		82
11) Tert butyl alcohol	2.946	59	238	1.819 ug/l	#	73
16) Acetone	2.392	43	256	0.716 ug/l		98
19) Methyl tert-butyl Ether	3.117	73	2180	0.838 ug/l	#	87
20) Methylene Chloride	2.788	84	2430	2.587 ug/l		94
30) Chloroform	5.098	83	770	0.465 ug/l	#	64
36) 1,1-Dichloropropene	5.550	75	3757	3.003 ug/l	#	50
38) Carbon Tetrachloride	5.562	117	5364	4.194 ug/l	#	13
42) 1,2-Dichloroethane	6.086	62	1052	0.788 ug/l	#	75
51) 4-Methyl-2-Pentanone	8.647	43	850	0.718 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	30281	27.603 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30281	94.502 ug/l	#	11

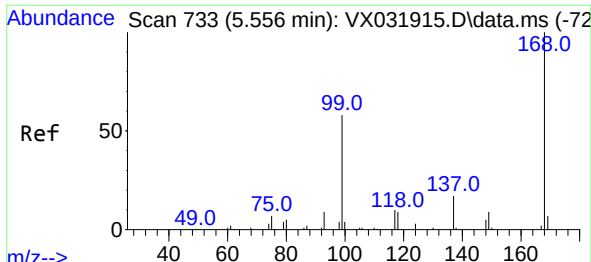
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032020.D
Acq On : 10 Oct 2022 18:13
Operator : JC/MD
Sample : N4937-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-114D

Quant Time: Oct 11 06:00:38 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

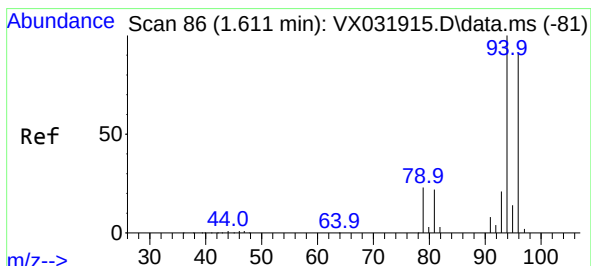
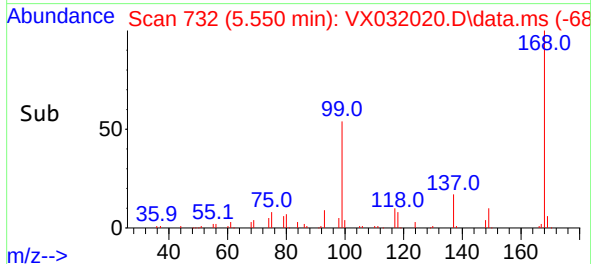
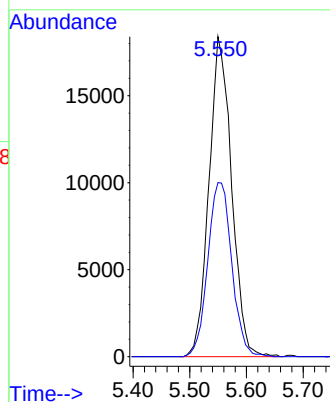
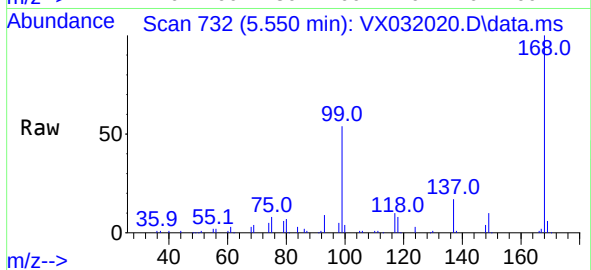




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

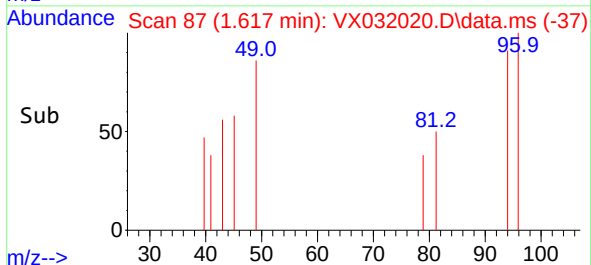
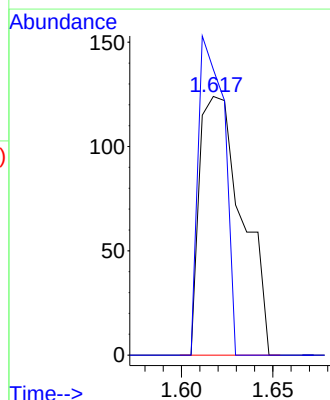
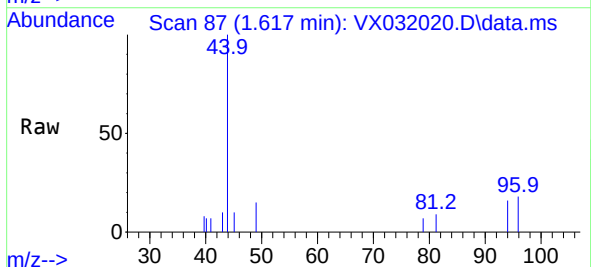
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

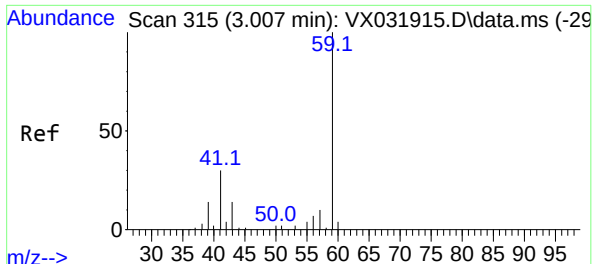
Tgt Ion:168 Resp: 50924
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion: 94 Resp: 202
Ion Ratio Lower Upper
94 100
96 110.5 74.4 111.6





#11

Tert butyl alcohol

Concen: 1.819 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

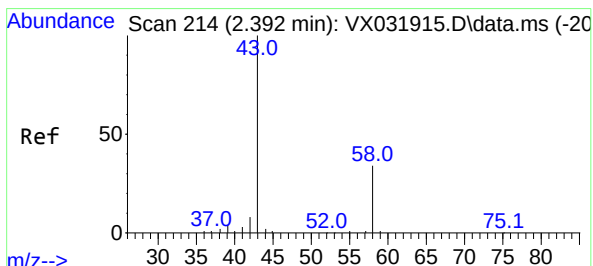
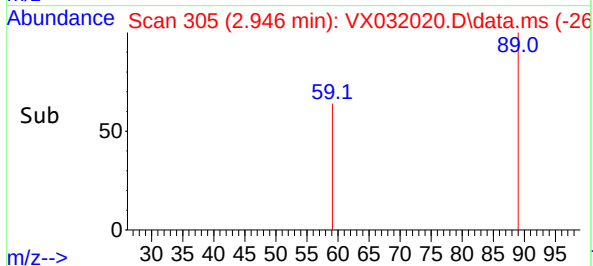
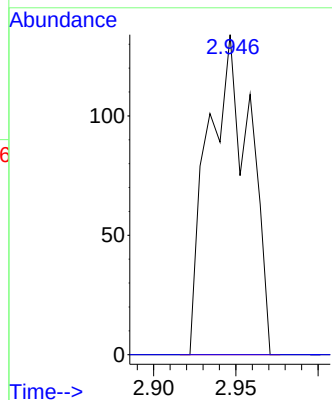
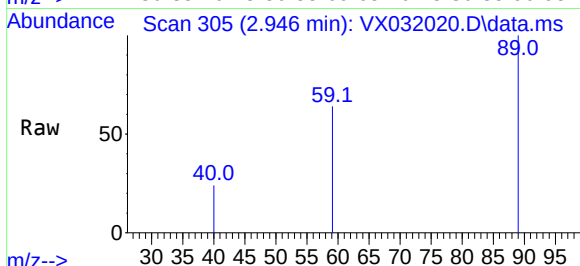
MW-114D

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.716 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032020.D

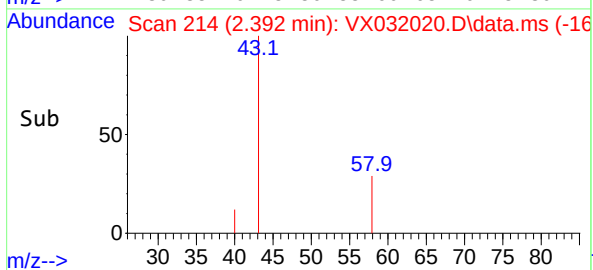
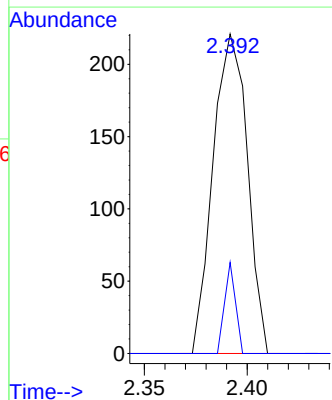
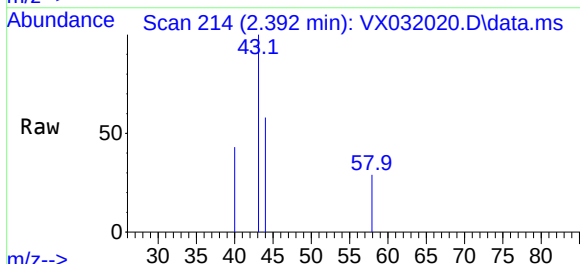
Acq: 10 Oct 2022 18:13

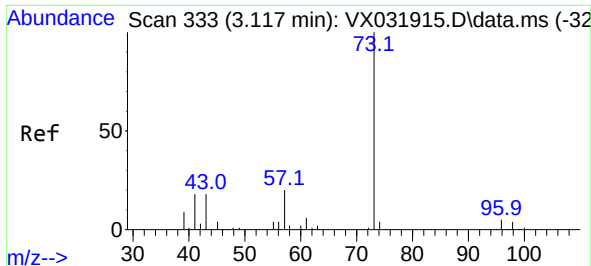
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

58 28.5 23.8 35.8

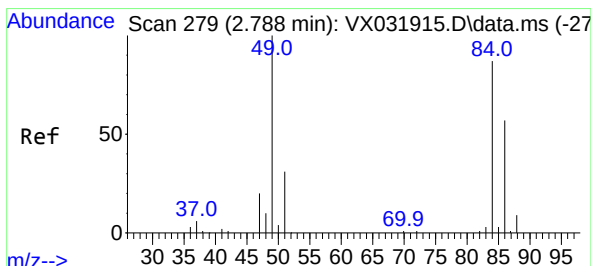
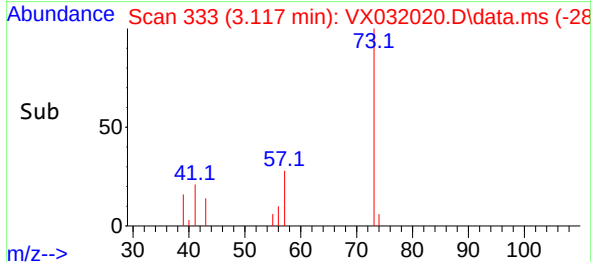
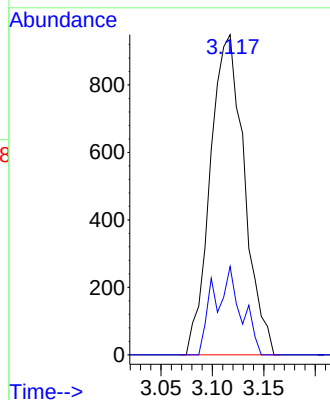
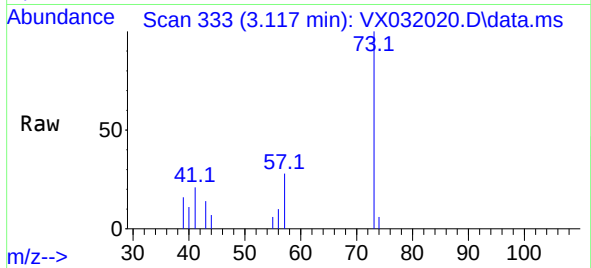




#19
Methyl tert-butyl Ether
Concen: 0.838 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

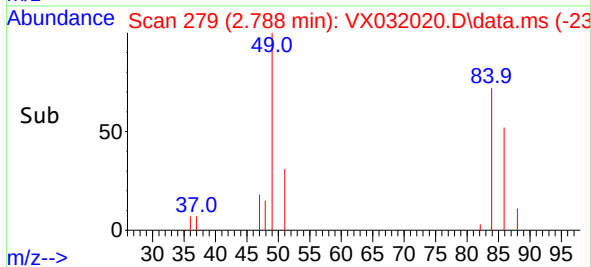
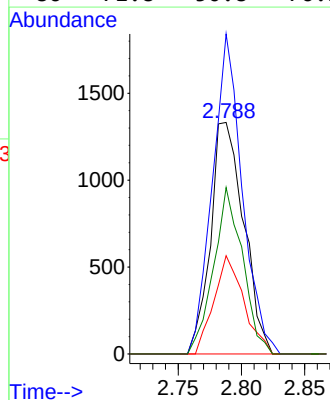
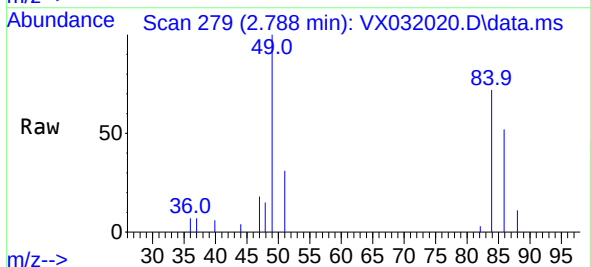
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

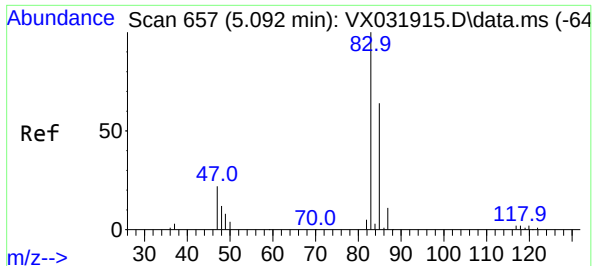
Tgt Ion: 73 Resp: 2180
Ion Ratio Lower Upper
73 100
57 27.6 17.2 25.8#



#20
Methylene Chloride
Concen: 2.587 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion: 84 Resp: 2430
Ion Ratio Lower Upper
84 100
49 138.2 105.9 158.9
51 42.4 32.2 48.2
86 71.8 50.8 76.2





#30

Chloroform

Concen: 0.465 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

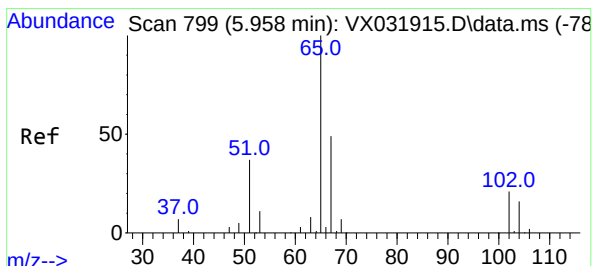
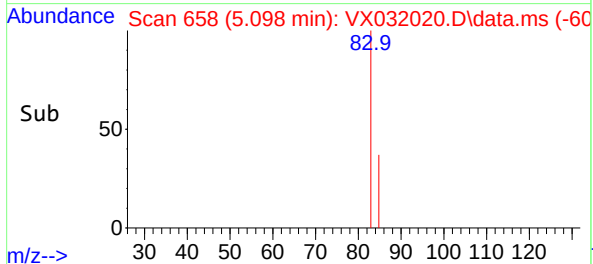
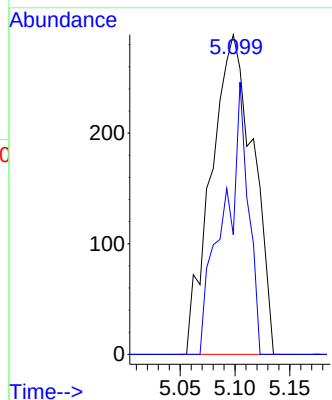
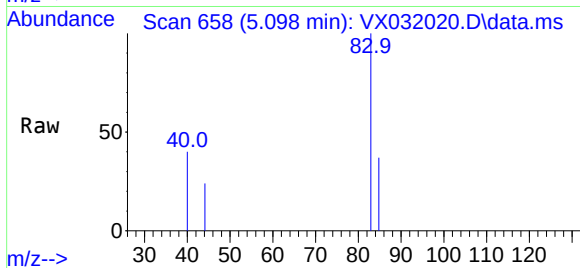
MW-114D

Tgt Ion: 83 Resp: 770

Ion Ratio Lower Upper

83 100

85 37.4 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 57.008 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032020.D

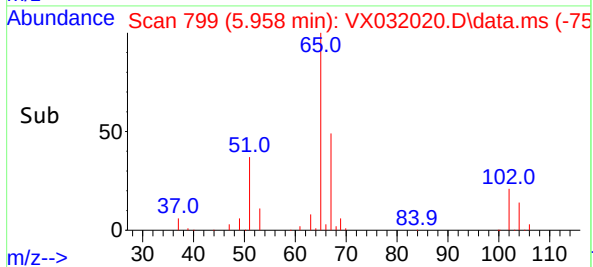
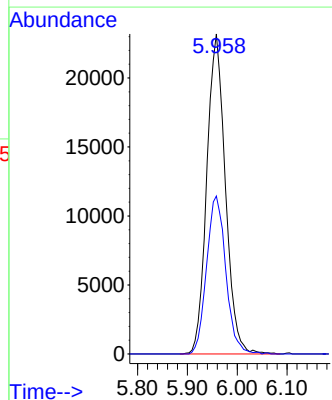
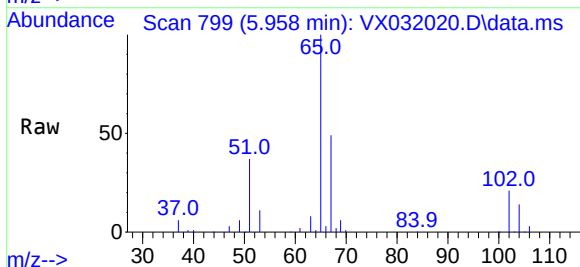
Acq: 10 Oct 2022 18:13

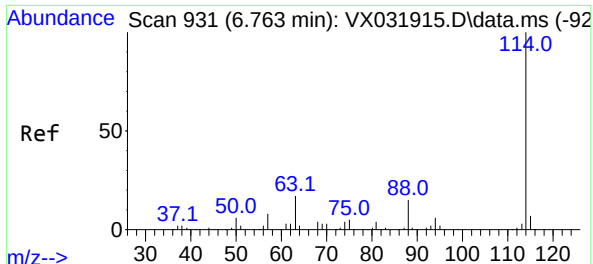
Tgt Ion: 65 Resp: 59955

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

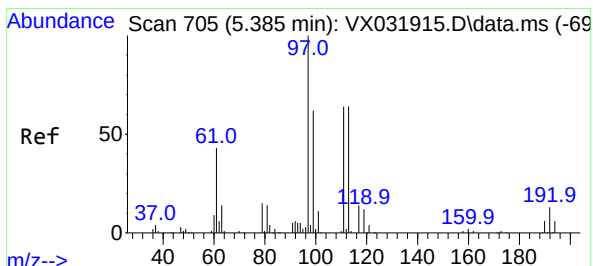
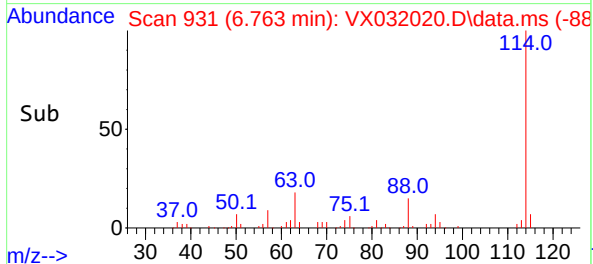
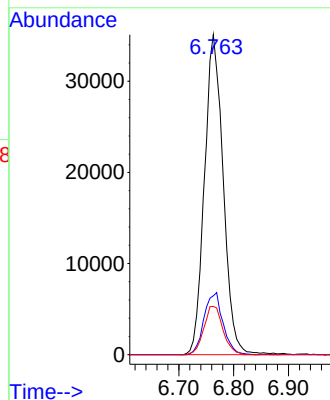
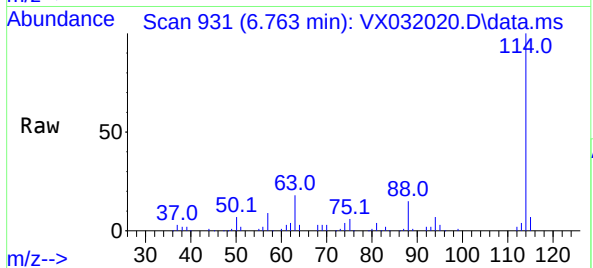




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

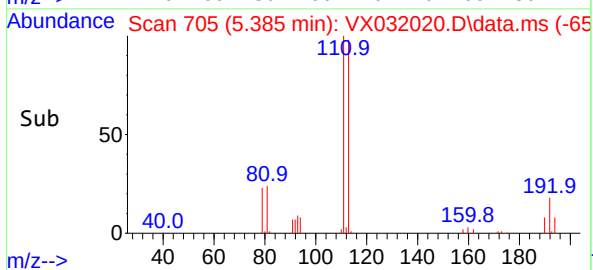
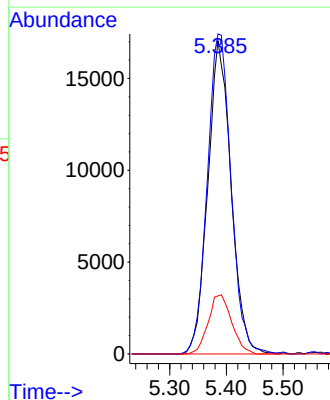
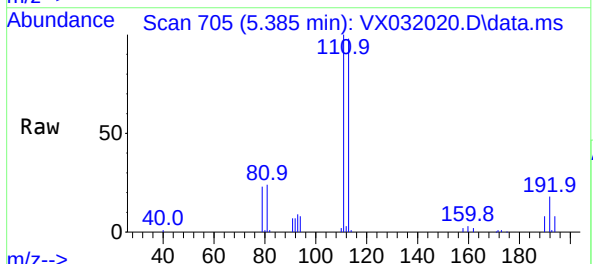
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

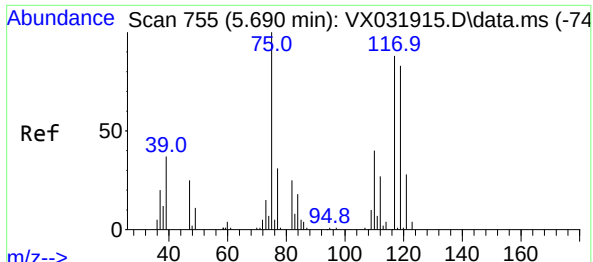
Tgt Ion:114 Resp: 83337
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.326 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion:113 Resp: 48417
Ion Ratio Lower Upper
113 100
111 104.9 82.4 123.6
192 19.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.003 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

MW-114D

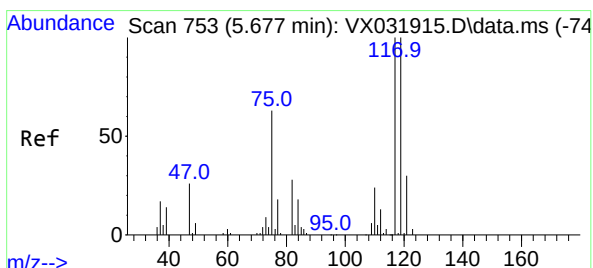
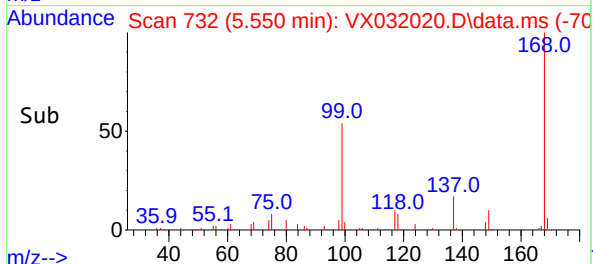
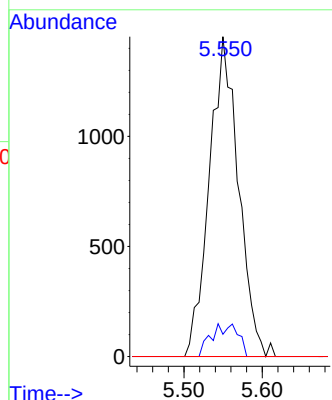
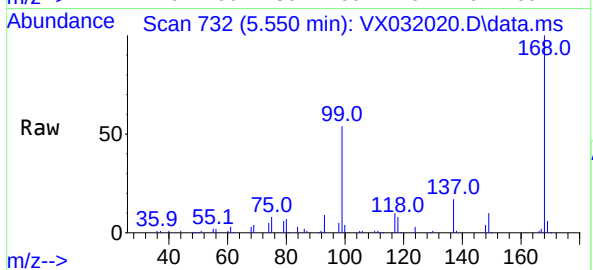
Tgt Ion: 75 Resp: 3757

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.194 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.115 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

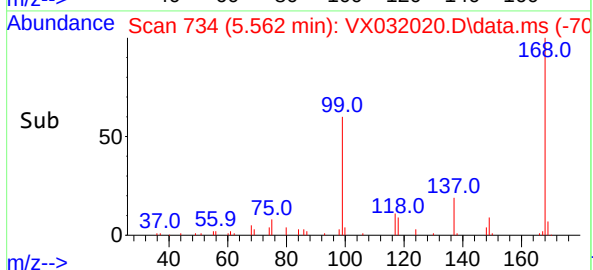
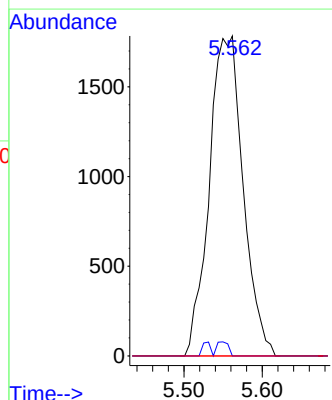
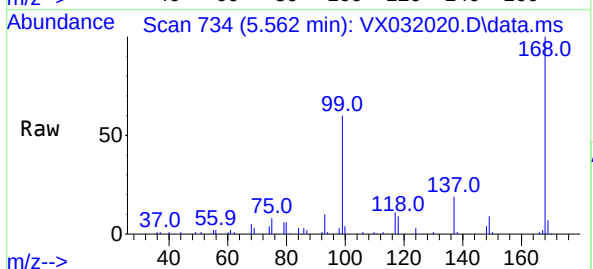
Tgt Ion: 117 Resp: 5364

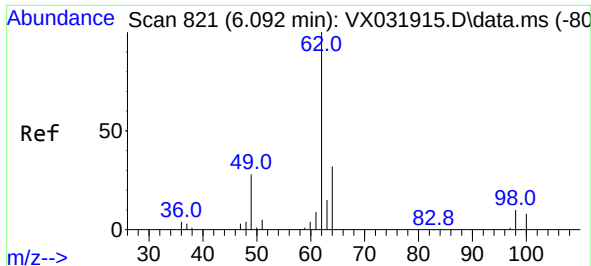
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#





#42

1,2-Dichloroethane

Concen: 0.788 ug/l

RT: 6.086 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

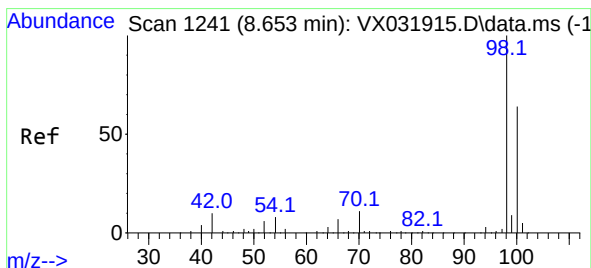
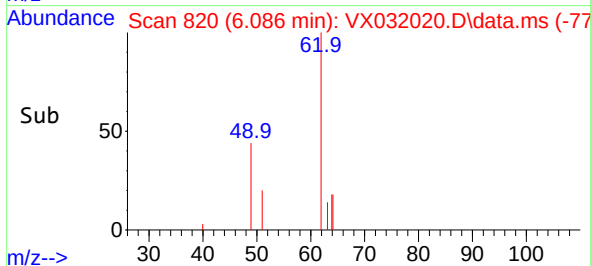
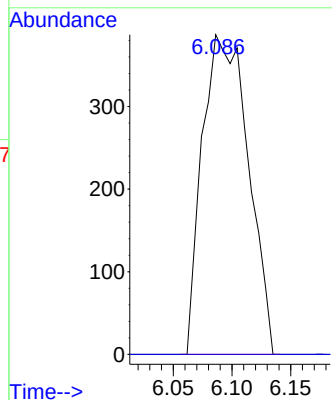
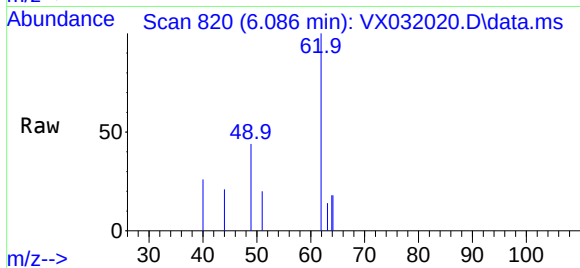
MW-114D

Tgt Ion: 62 Resp: 1052

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#50

Toluene-d8

Concen: 49.497 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032020.D

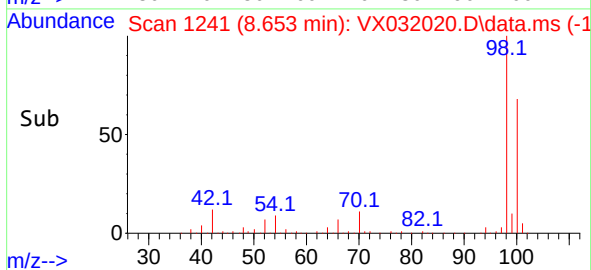
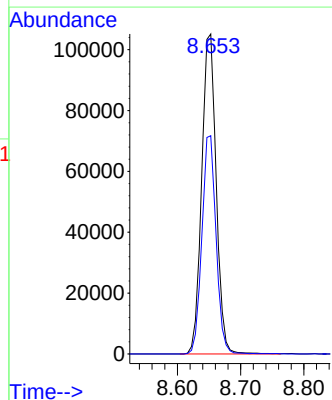
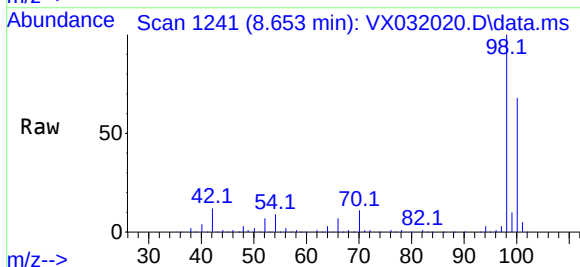
Acq: 10 Oct 2022 18:13

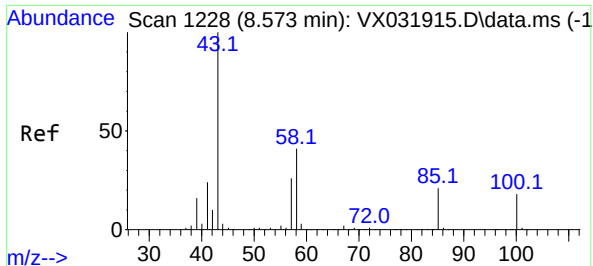
Tgt Ion: 98 Resp: 168013

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.718 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

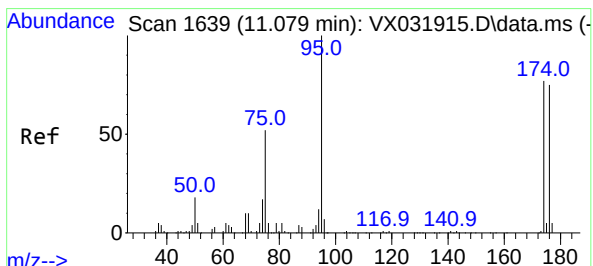
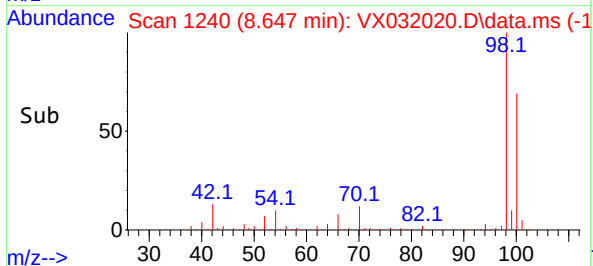
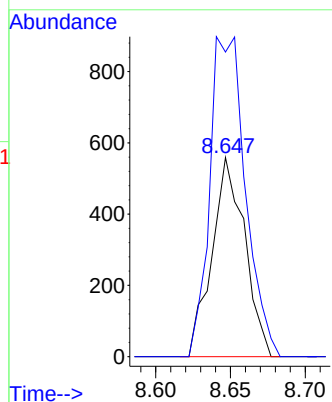
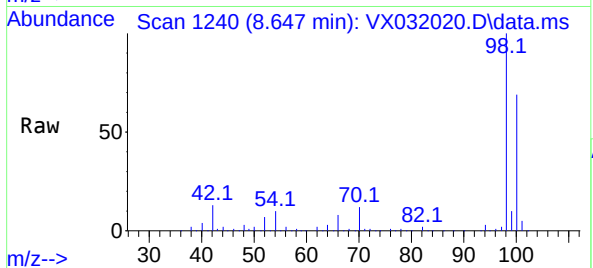
MW-114D

Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

58 175.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.925 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

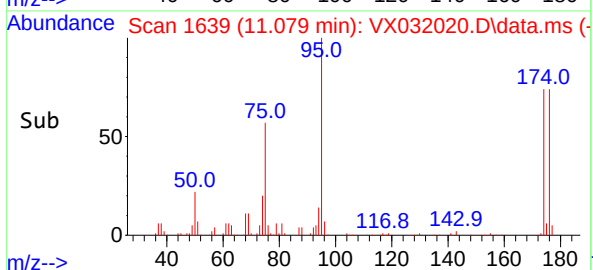
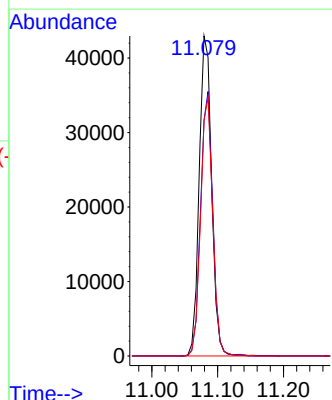
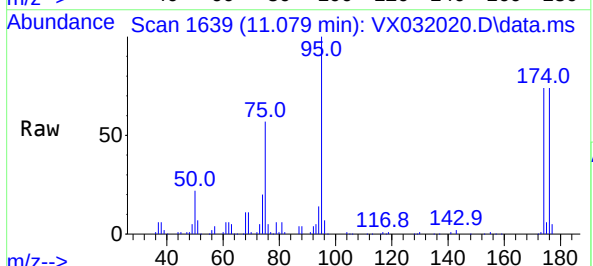
Tgt Ion: 95 Resp: 56311

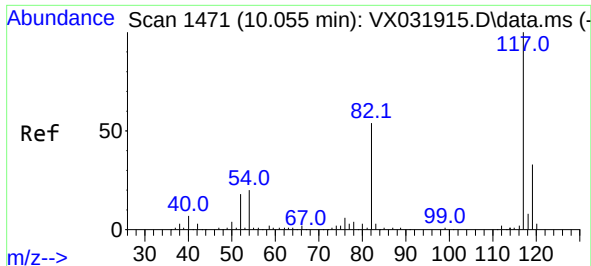
Ion Ratio Lower Upper

95 100

174 81.0 0.0 153.2

176 79.1 0.0 144.0

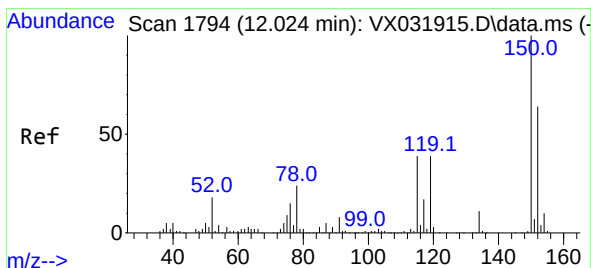
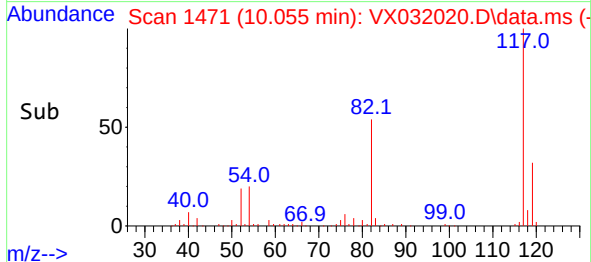
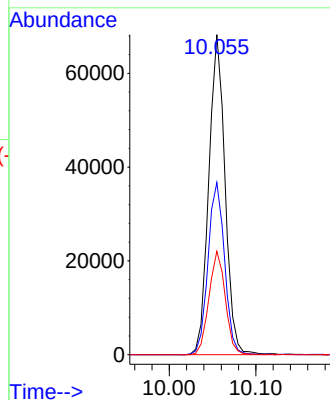
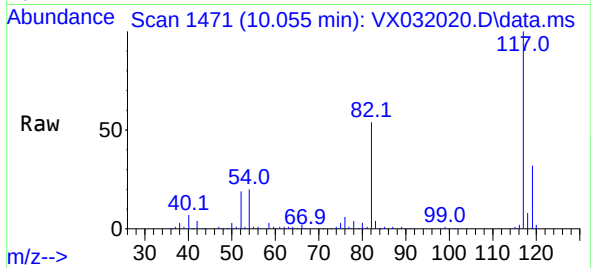




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

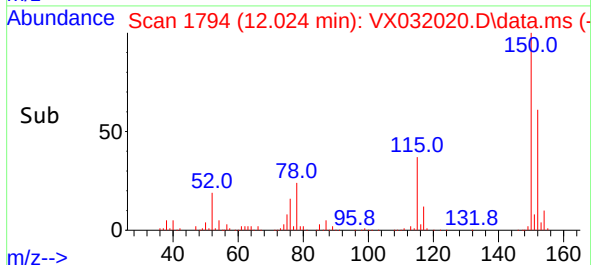
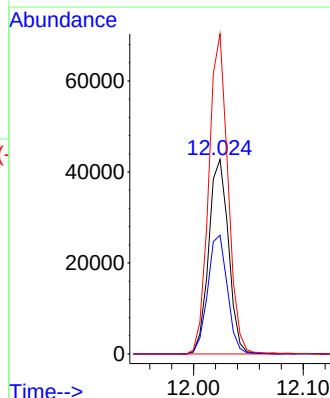
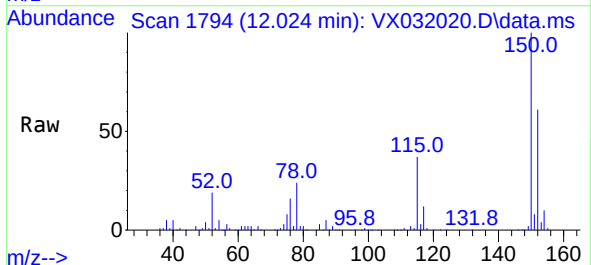
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

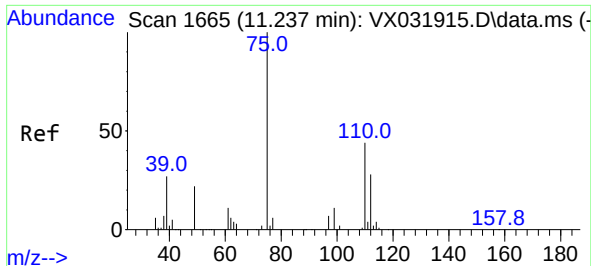
Tgt Ion:	117	Resp:	88969
Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.8	70.2
119	32.3	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion:	152	Resp:	53527
Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.4	130.1
150	160.2	0.0	346.8

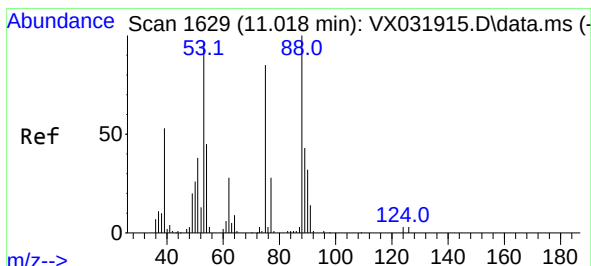
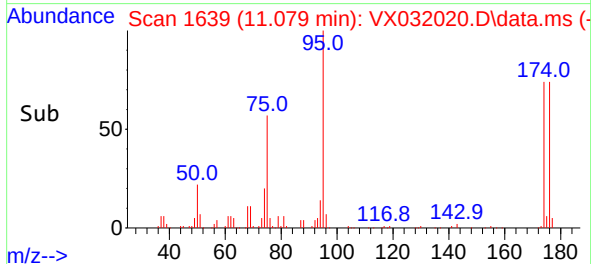
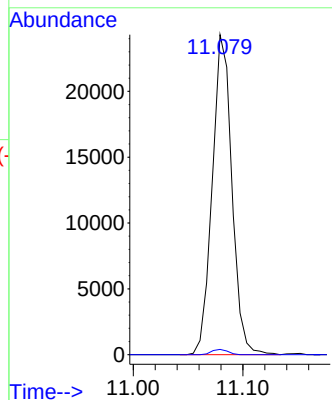
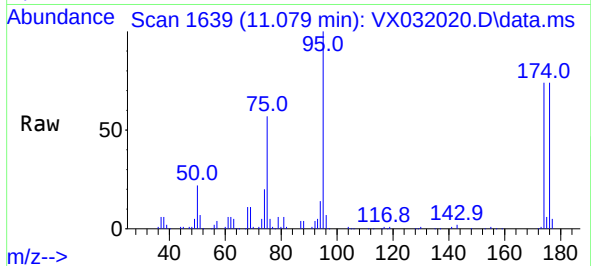




#76
1,2,3-Trichloropropane
Concen: 27.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW-114D

Tgt Ion: 75 Resp: 30281
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion: 75 Resp: 30281
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

