

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031943.D
 Acq On : 07 Oct 2022 01:06
 Operator : JC/MD
 Sample : N4883-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

Quant Time: Oct 07 08:10:28 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)

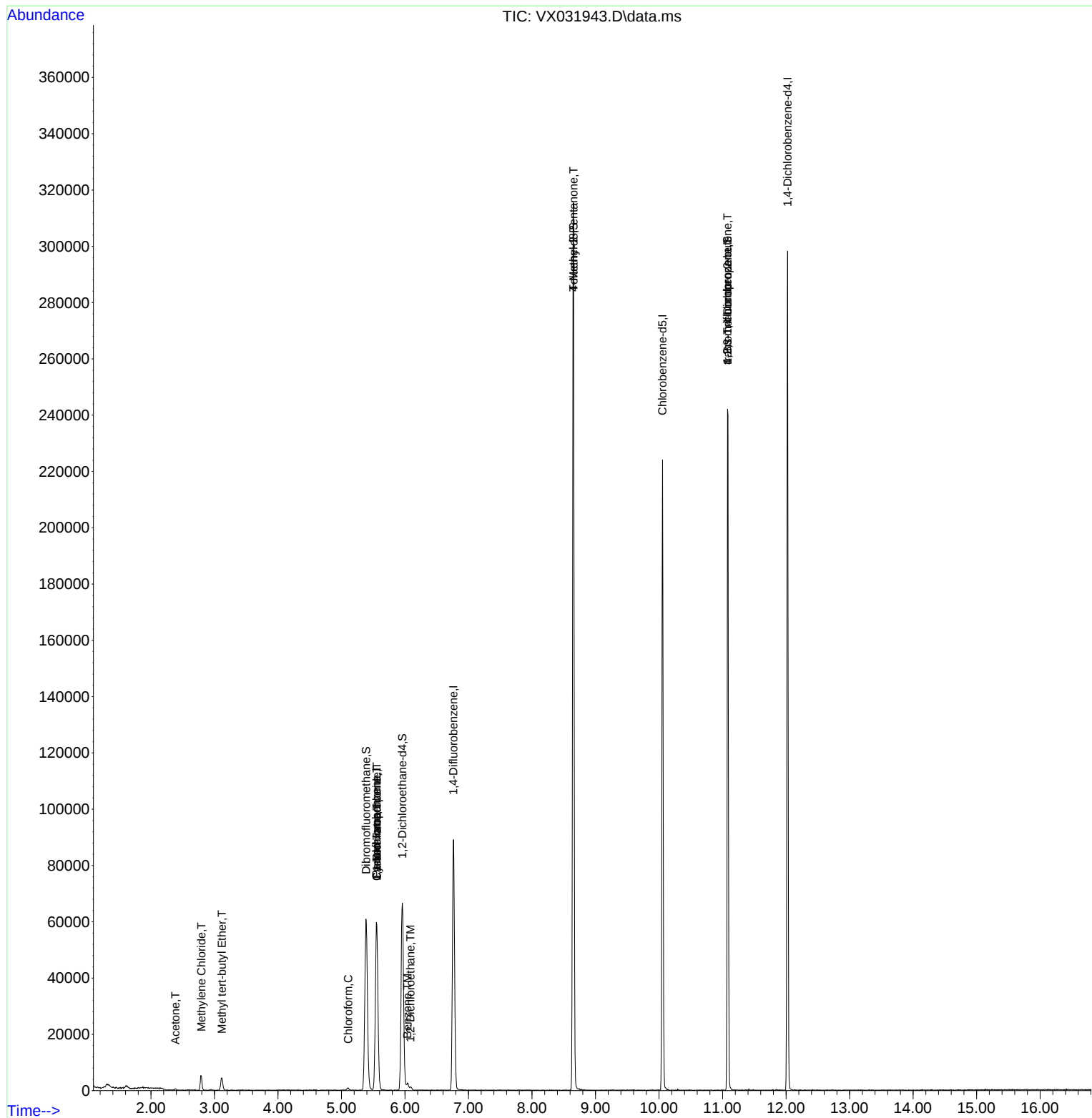
Internal Standards						
1) Pentafluorobenzene	5.549	168	56219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63408	54.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	5.385	113	51155	48.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.440%	
50) Toluene-d8	8.653	98	191597	50.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	64477	47.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	235	Below Cal	#	58
16) Acetone	2.385	43	502	1.272	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	4982	1.734	ug/l #	83
20) Methylene Chloride	2.794	84	2487	2.398	ug/l #	75
30) Chloroform	5.104	83	967	0.529	ug/l #	68
31) Cyclohexane	5.556	56	1449	1.045	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	4300	3.057	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6059	4.212	ug/l #	19
40) Benzene	6.037	78	2823	0.685	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	1127	0.751	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	814	0.611	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33173	26.454	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33173	90.718	ug/l #	11

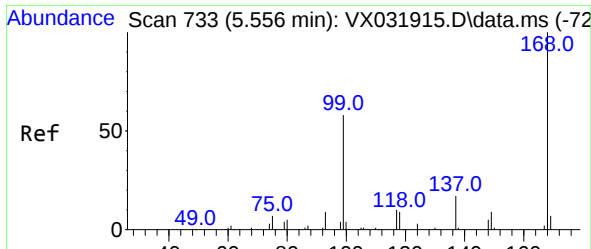
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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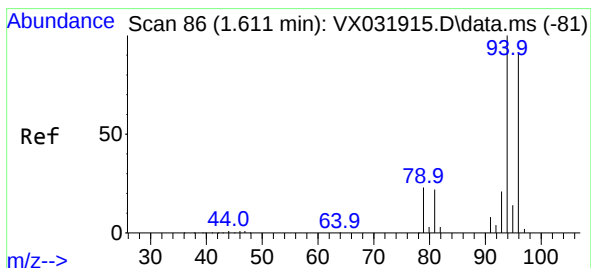
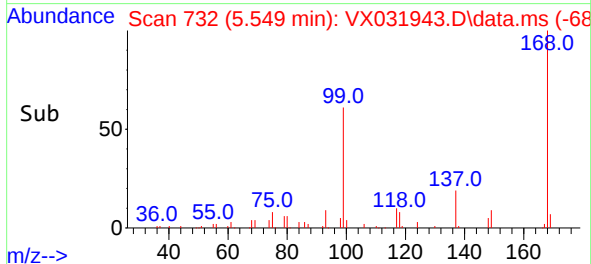
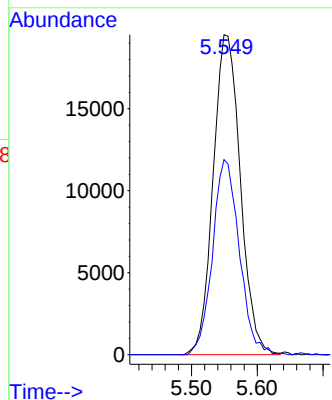
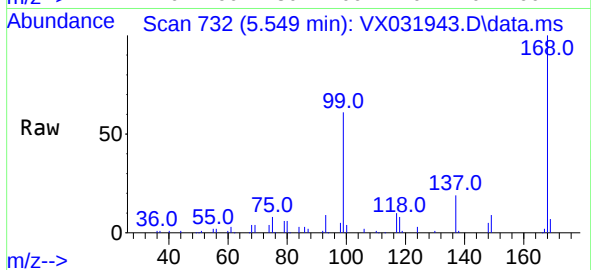




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

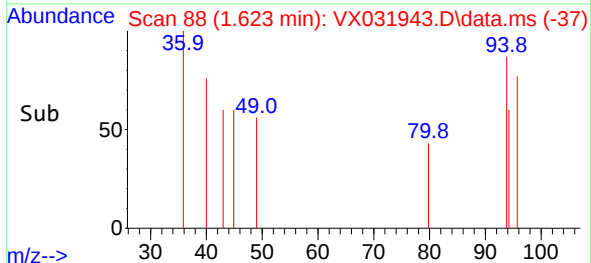
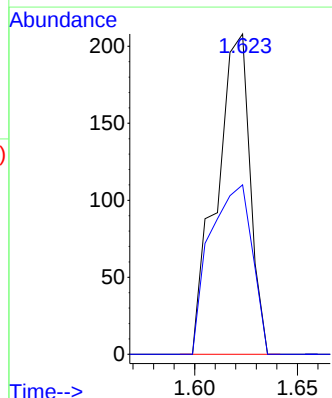
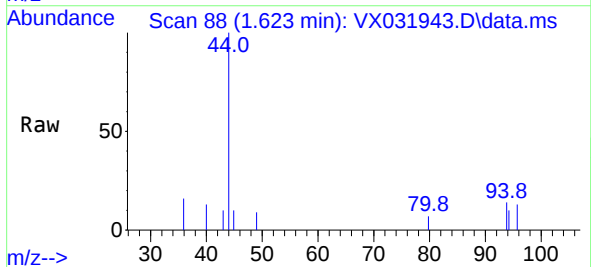
Instrument :
MSVOA_X
ClientSampleId :
MW-139

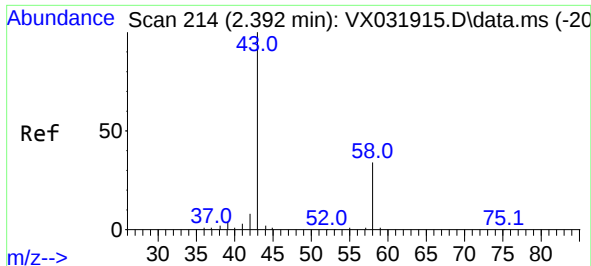
Tgt Ion:168 Resp: 56219
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 52.9 74.4 111.6#

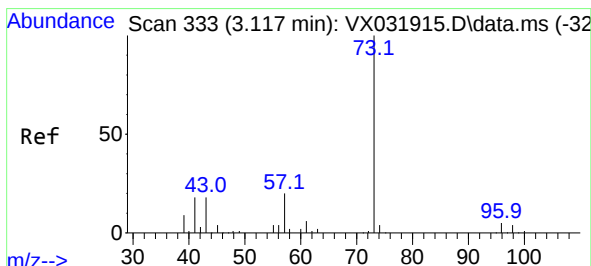
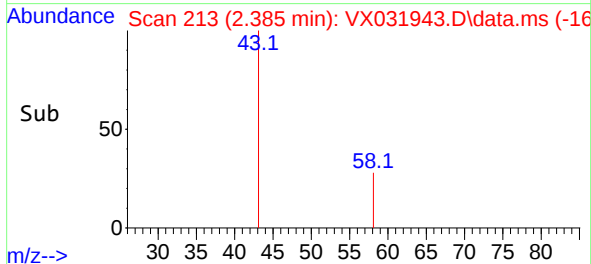
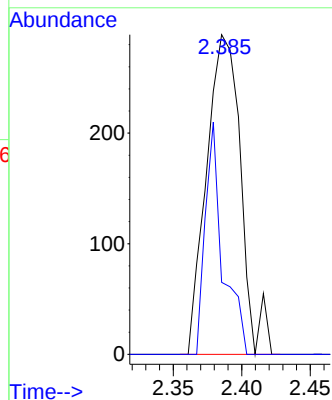
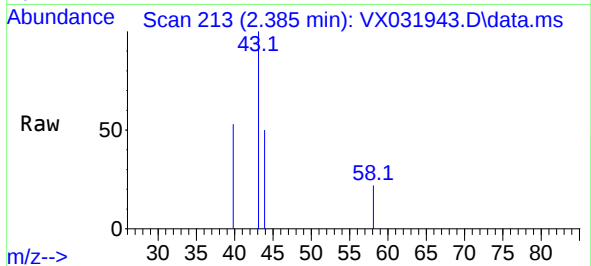




#16
Acetone
Concen: 1.272 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

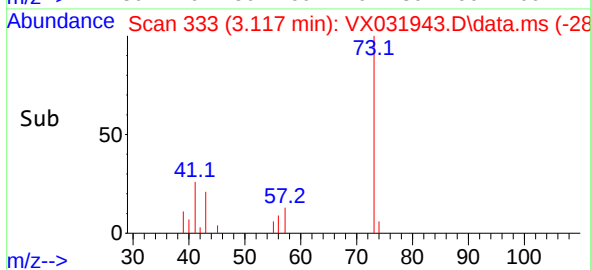
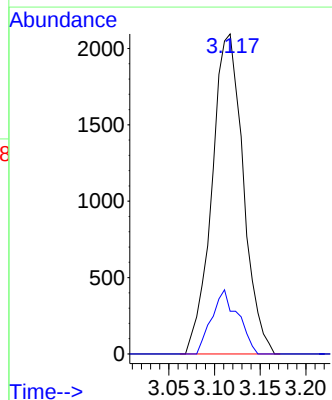
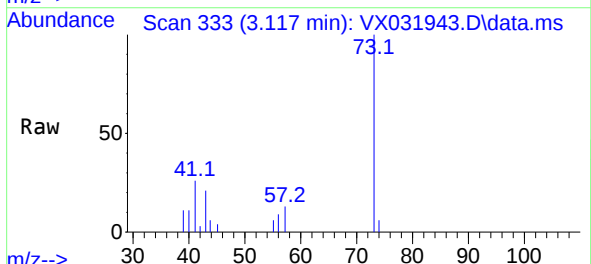
Instrument :
MSVOA_X
ClientSampleId :
MW-139

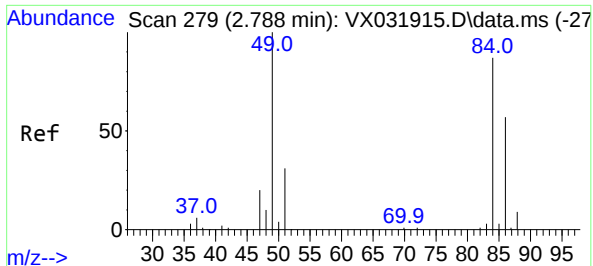
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
58 22.5 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 1.734 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 73 Resp: 4982
Ion Ratio Lower Upper
73 100
57 13.4 17.2 25.8#

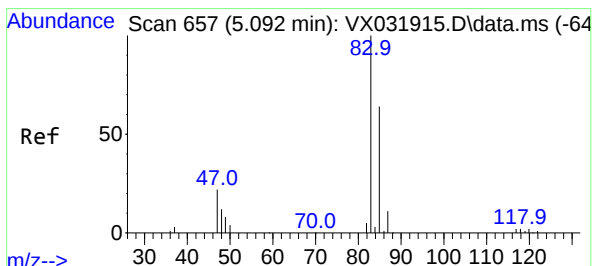
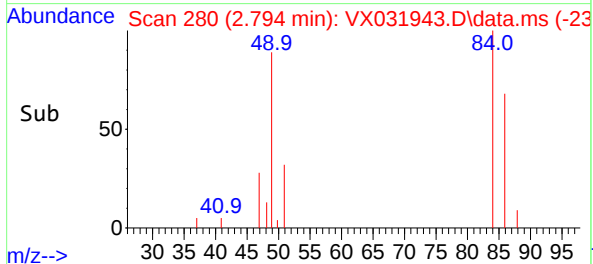
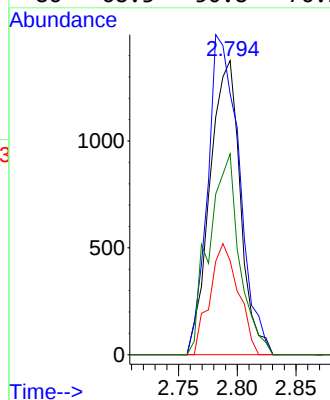
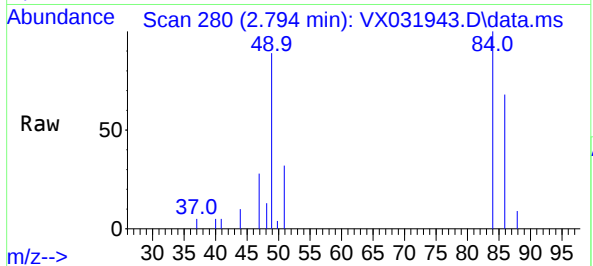




#20
Methylene Chloride
Concen: 2.398 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

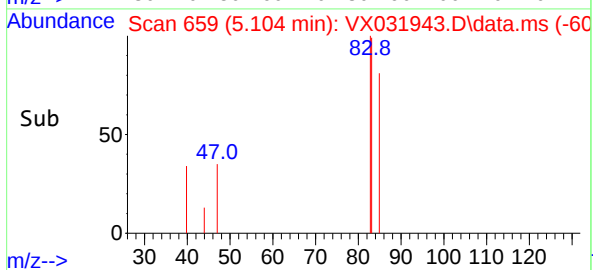
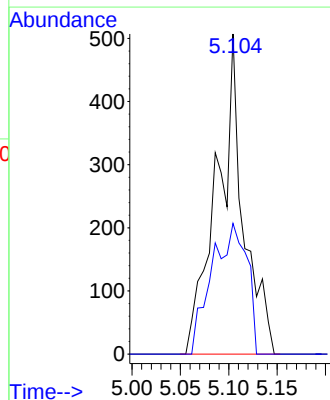
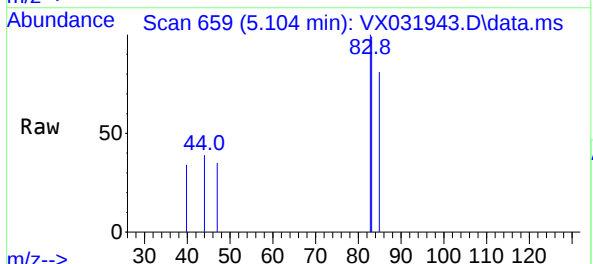
Instrument :
MSVOA_X
ClientSampleId :
MW-139

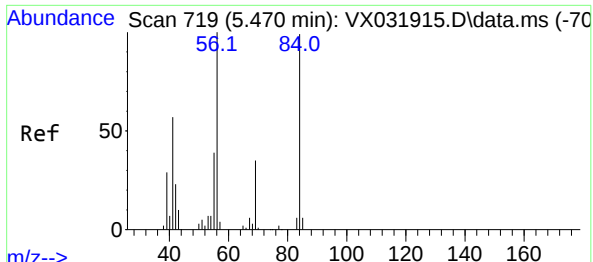
Tgt Ion: 84 Resp: 2487
Ion Ratio Lower Upper
84 100
49 88.7 105.9 158.9#
51 32.0 32.2 48.2#
86 68.3 50.8 76.2



#30
Chloroform
Concen: 0.529 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

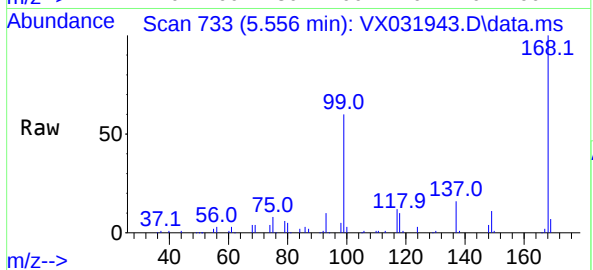
Tgt Ion: 83 Resp: 967
Ion Ratio Lower Upper
83 100
85 40.8 52.8 79.2#



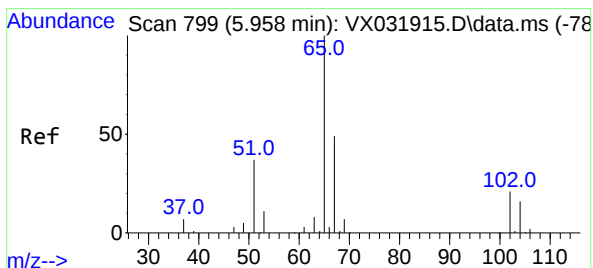
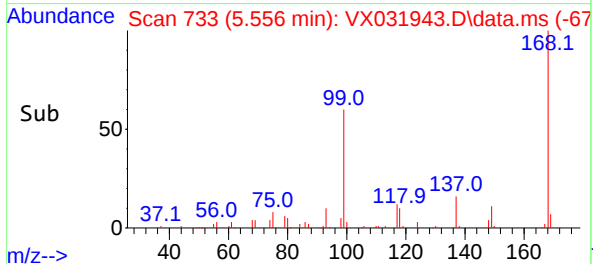
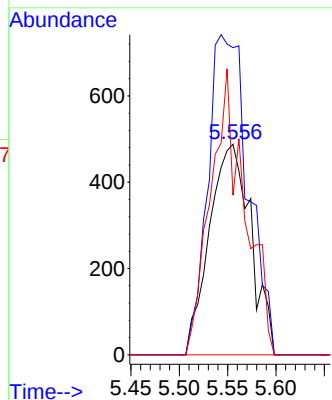


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Instrument :
MSVOA_X
ClientSampleId :
MW-139

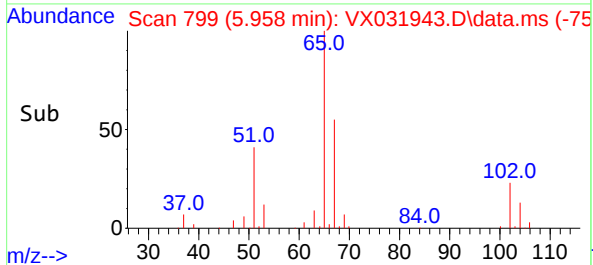
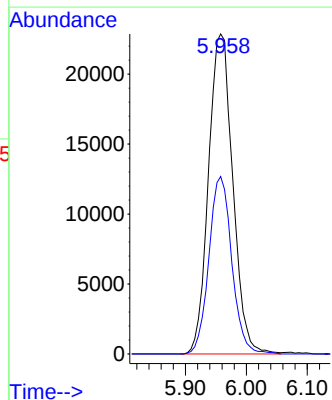
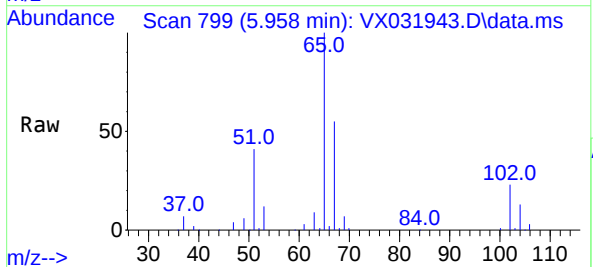


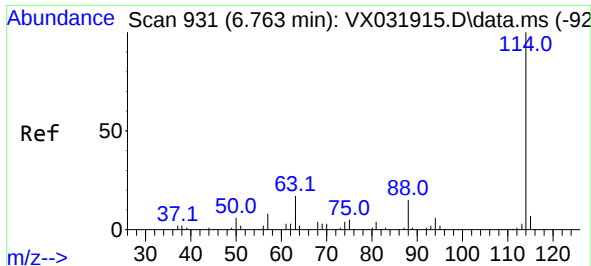
Tgt Ion: 56 Resp: 1449
Ion Ratio Lower Upper
56 100
69 145.9 25.1 37.7#
84 75.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.613 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 65 Resp: 63408
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

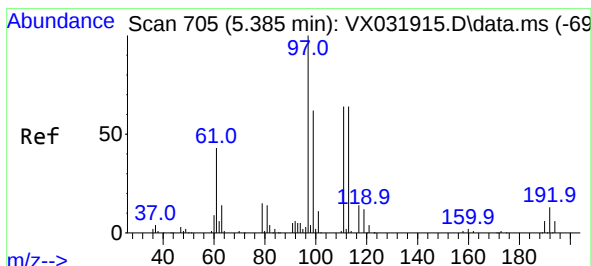
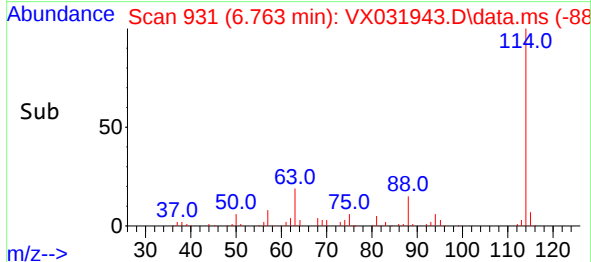
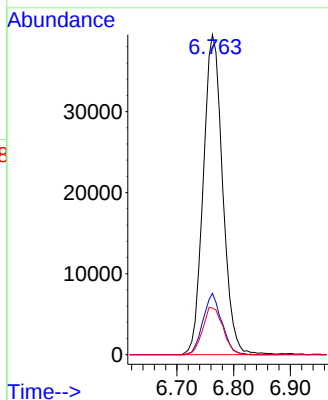
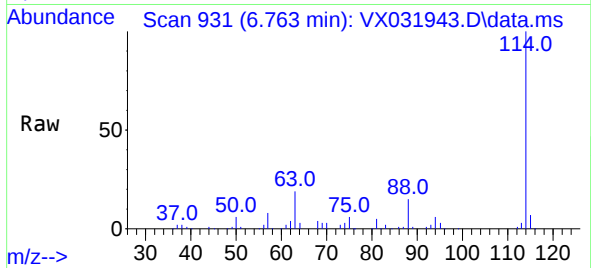




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

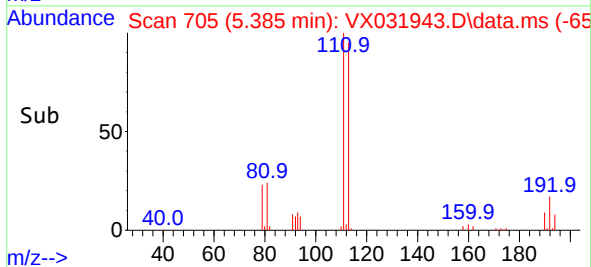
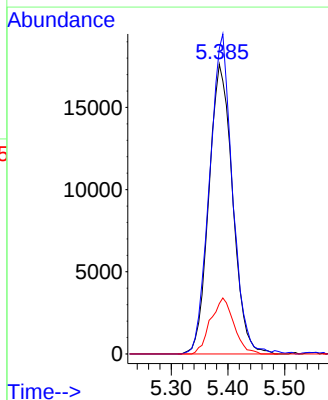
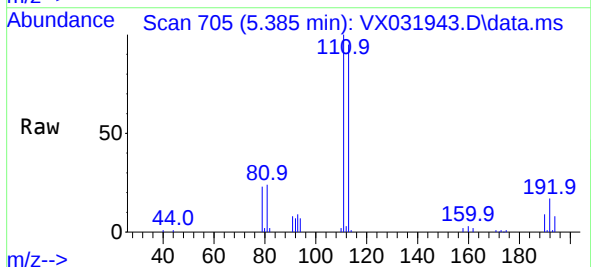
Instrument :
MSVOA_X
ClientSampleId :
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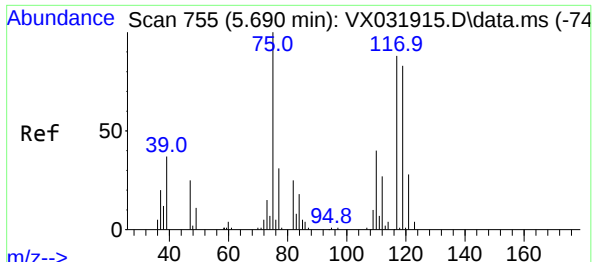
Tgt Ion:114 Resp: 93720
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 14.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion:113 Resp: 51155
Ion Ratio Lower Upper
113 100
111 106.4 82.4 123.6
192 19.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.057 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.135 min

Lab File: VX031943.D

Acq: 07 Oct 2022 01:06

Instrument :

MSVOA_X

ClientSampleId :

MW-139

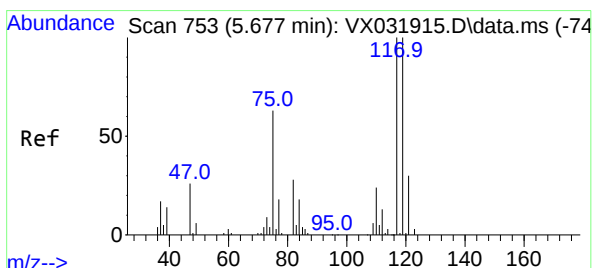
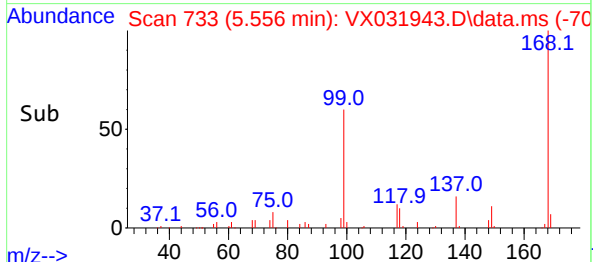
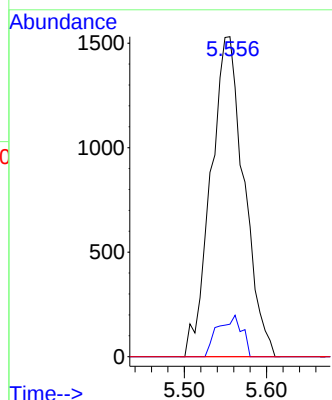
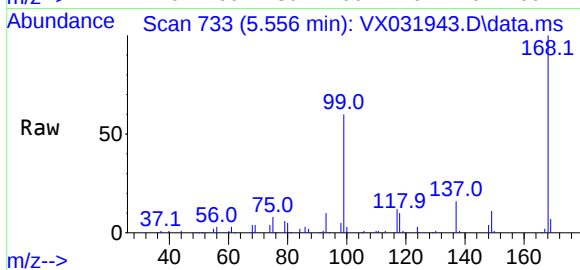
Tgt Ion: 75 Resp: 4300

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.212 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX031943.D

Acq: 07 Oct 2022 01:06

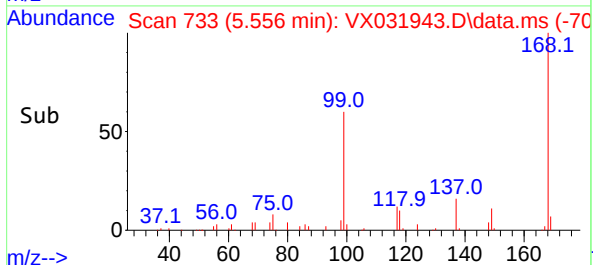
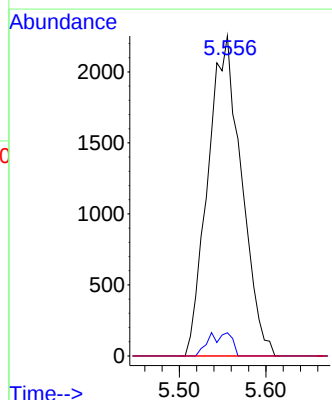
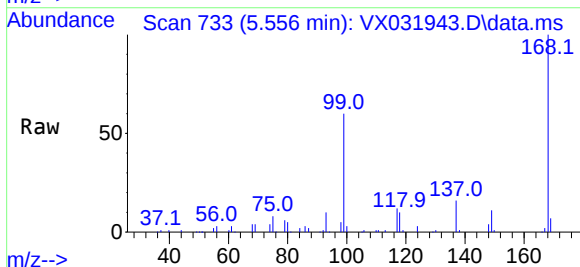
Tgt Ion: 117 Resp: 6059

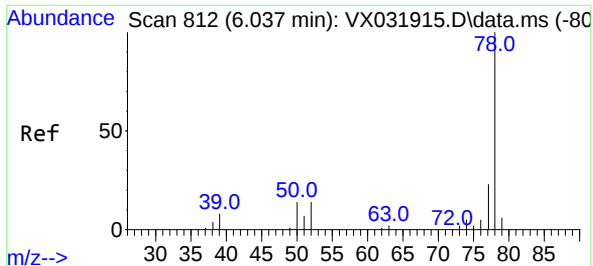
Ion Ratio Lower Upper

117 100

119 7.2 74.6 112.0#

121 0.0 25.3 37.9#

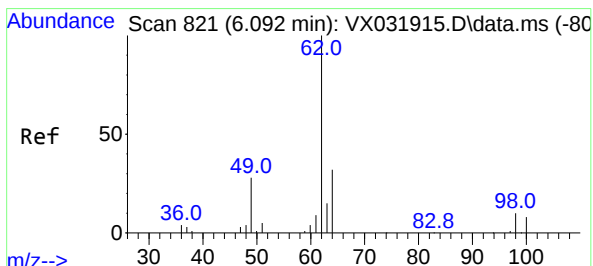
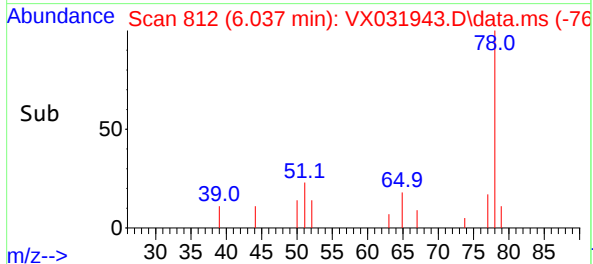
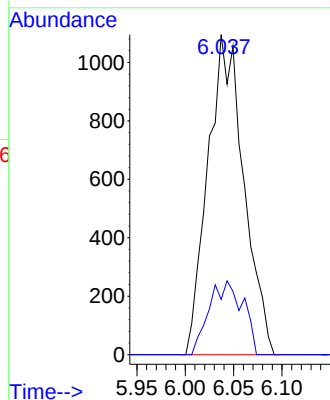
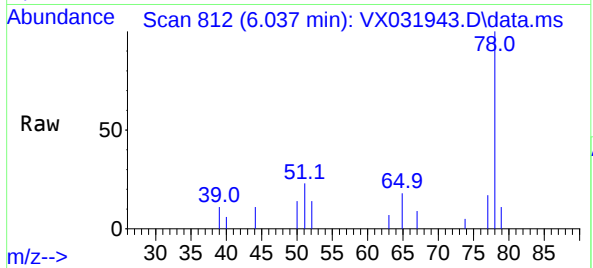




#40
Benzene
Concen: 0.685 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

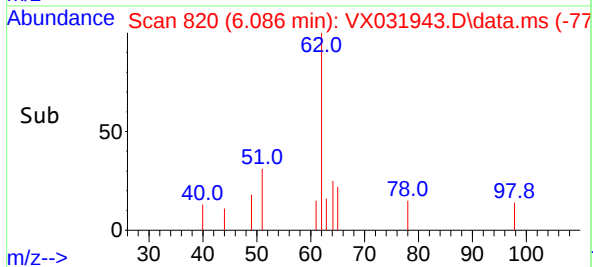
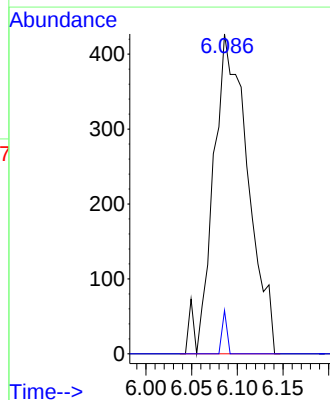
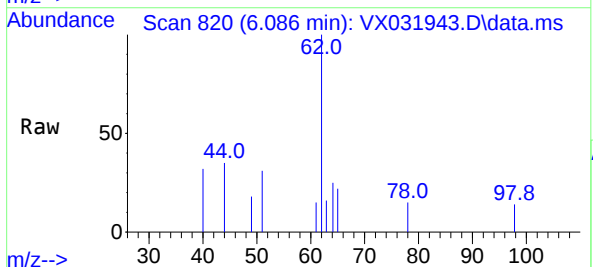
Instrument :
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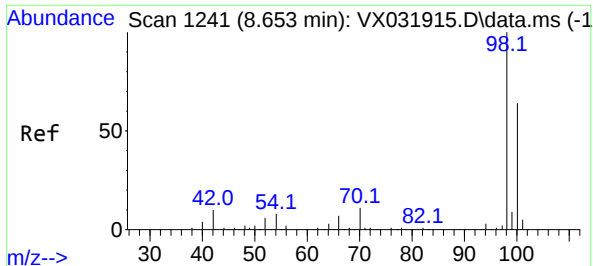
Tgt Ion: 78 Resp: 2823
Ion Ratio Lower Upper
78 100
77 17.3 18.7 28.1#



#42
1,2-Dichloroethane
Concen: 0.751 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 62 Resp: 1127
Ion Ratio Lower Upper
62 100
98 1.9 0.0 17.8





#50

Toluene-d8

Concen: 50.191 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031943.D

Acq: 07 Oct 2022 01:06

Instrument :

MSVOA_X

ClientSampleId :

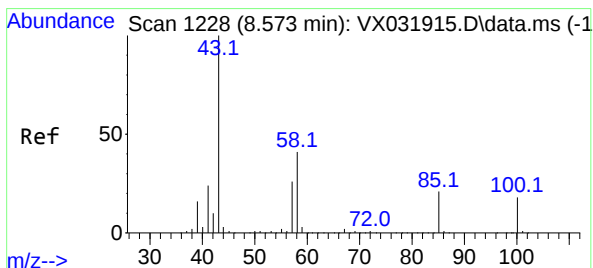
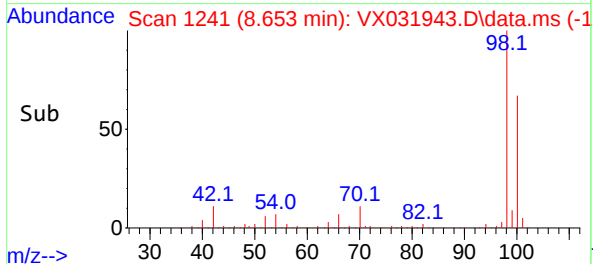
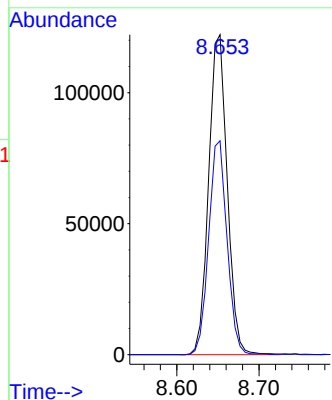
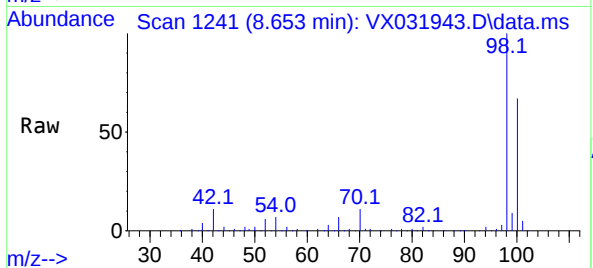
MW-139

Tgt Ion: 98 Resp: 191597

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.611 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX031943.D

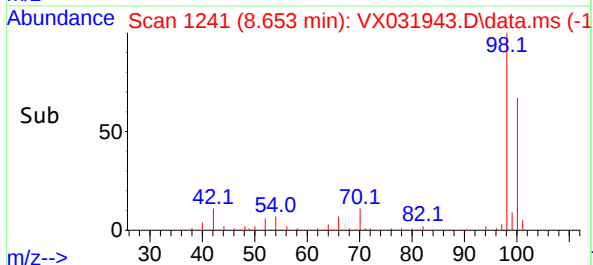
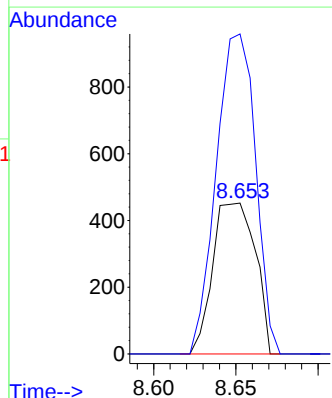
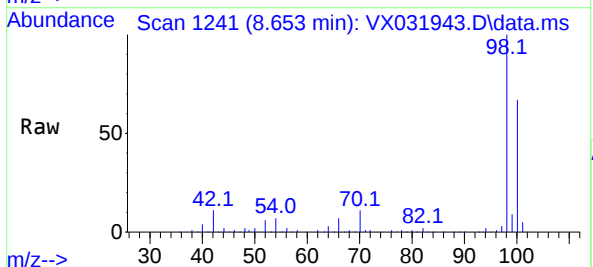
Acq: 07 Oct 2022 01:06

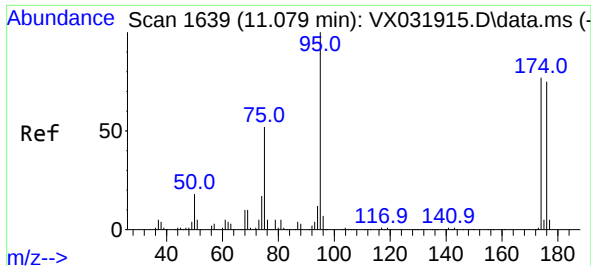
Tgt Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

58 196.1 30.6 46.0#

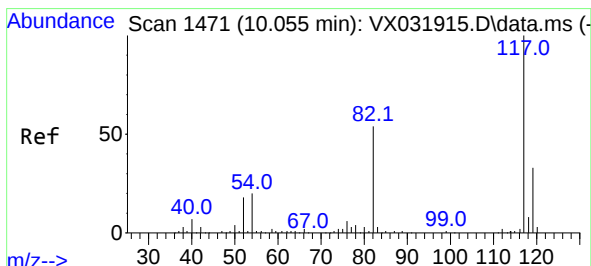
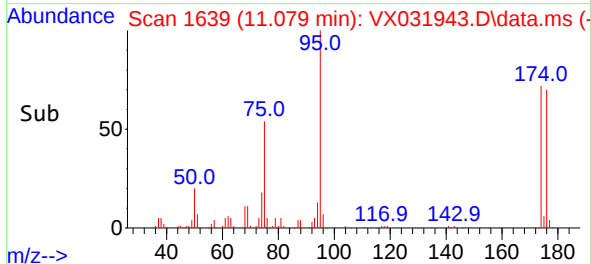
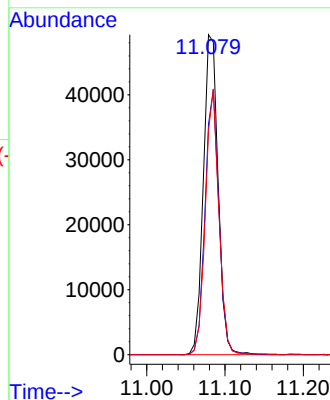
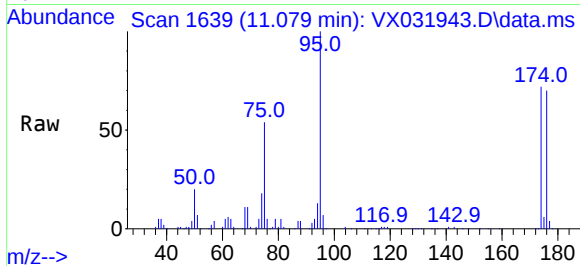




#62
4-Bromofluorobenzene
Concen: 47.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

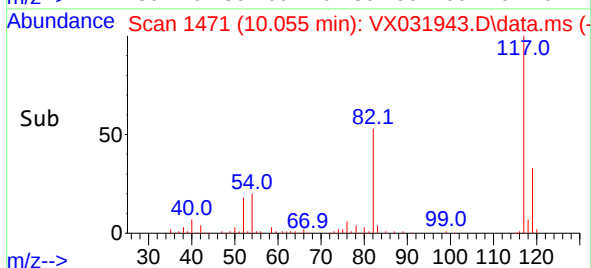
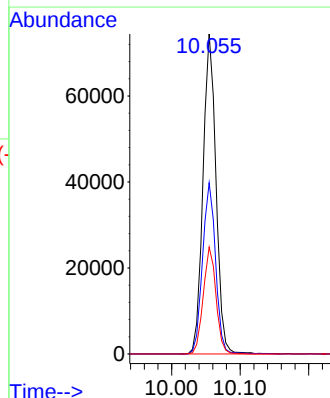
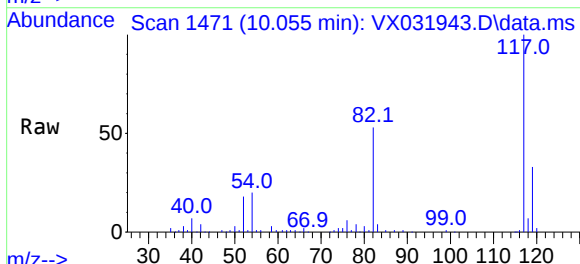
Instrument :
MSVOA_X
ClientSampleId :
MW-139

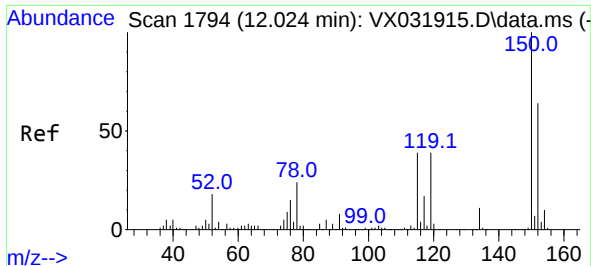
Tgt Ion: 95 Resp: 64477
Ion Ratio Lower Upper
95 100
174 77.7 0.0 153.2
176 76.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 117 Resp: 98503
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 33.4 26.4 39.6

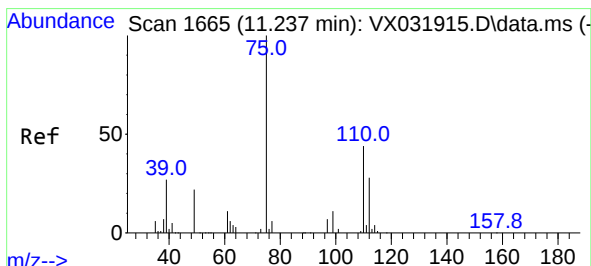
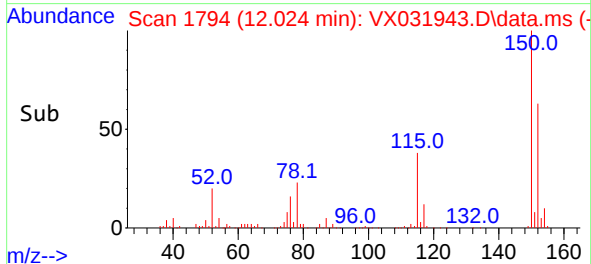
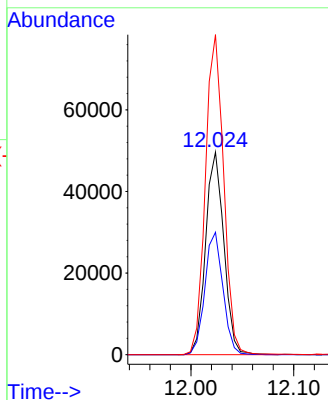
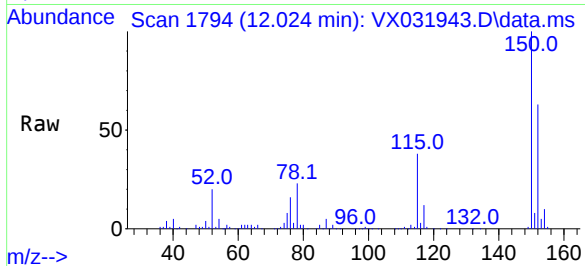




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

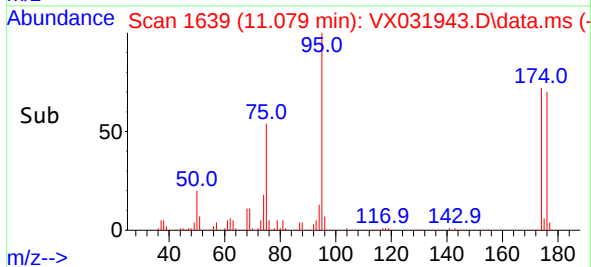
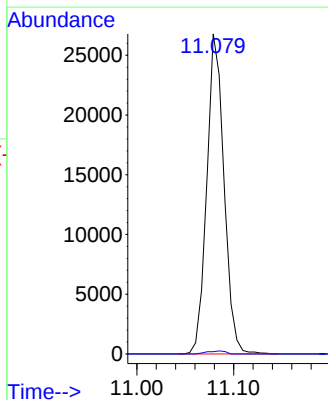
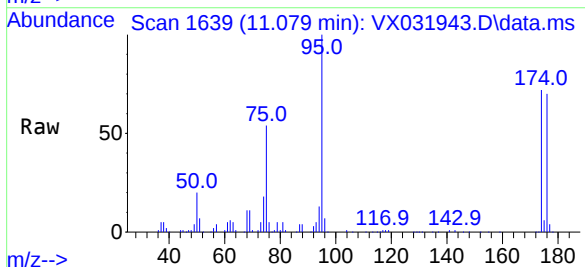
Instrument :
MSVOA_X
ClientSampleId :
MW-139

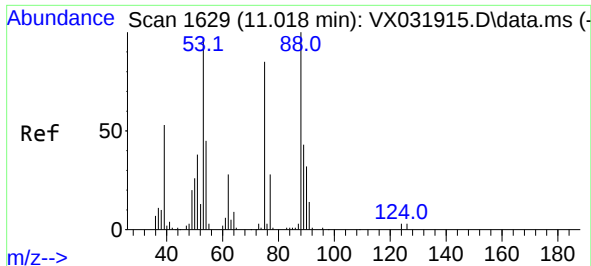
Tgt Ion:152 Resp: 61186
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 158.5 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031943.D
Acq: 07 Oct 2022 01:06

Tgt Ion: 75 Resp: 33173
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.718 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031943.D
 Acq: 07 Oct 2022 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

Tgt Ion: 75 Resp: 33173
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

