

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028040.D
 Acq On : 08 Apr 2022 20:13
 Operator : JC/MD
 Sample : N2334-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Apr 11 01:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

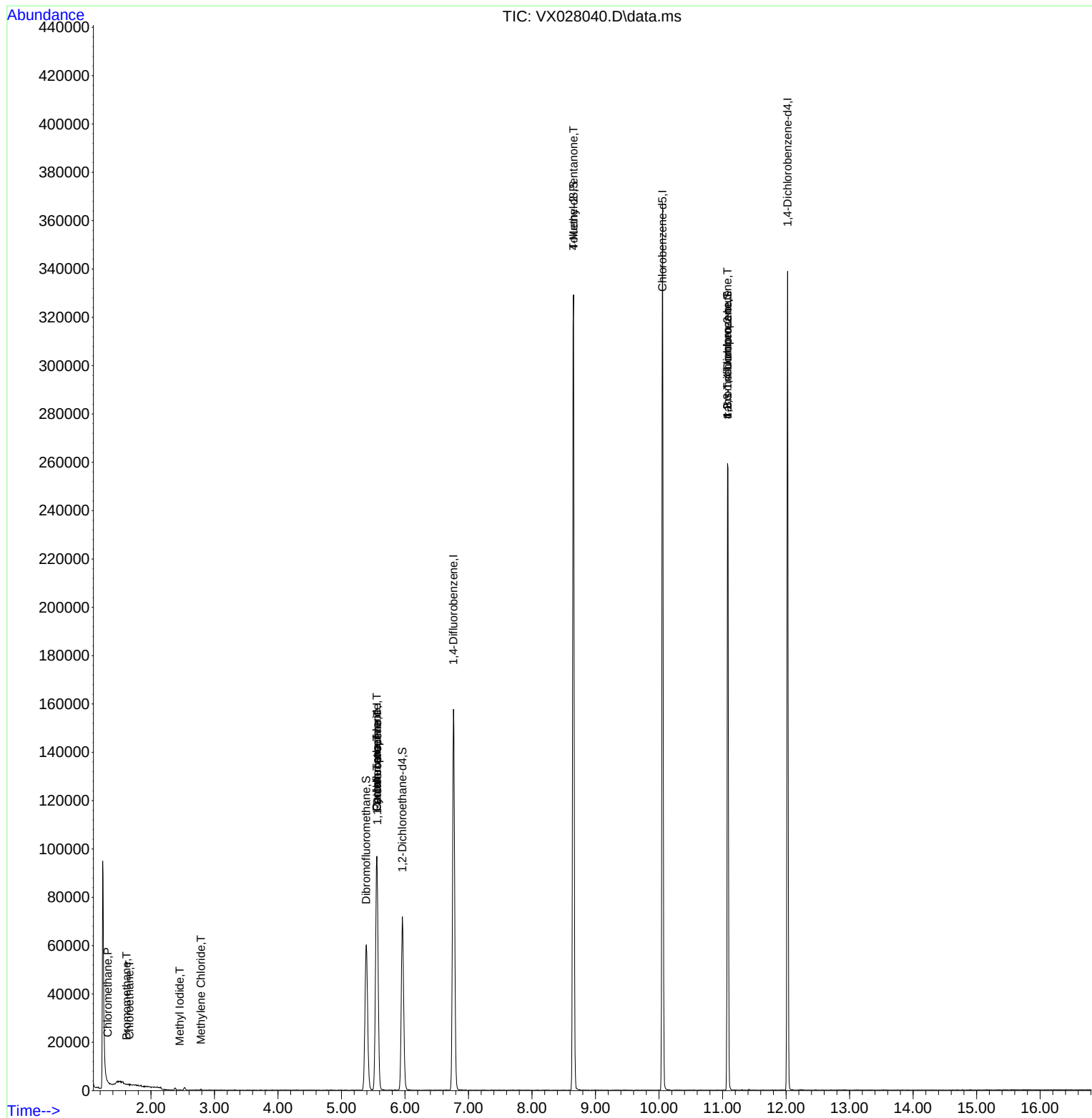
Internal Standards						
1) Pentafluorobenzene	5.556	168	80810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72047	58.732	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 117.460%		
35) Dibromofluoromethane	5.385	113	51705	53.550	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 107.100%		
50) Toluene-d8	8.653	98	194048	56.326	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 112.660%		
62) 4-Bromofluorobenzene	11.079	95	69390	47.381	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 94.760%		
Target Compounds						Qvalue
3) Chloromethane	1.319	50	73	1.540	ug/l #	42
5) Bromomethane	1.618	94	87	0.908	ug/l #	3
6) Chloroethane	1.660	64	112	1.747	ug/l #	82
10) Methyl Iodide	2.453	142	77	6.864	ug/l #	41
16) Acetone	2.380	43	932	Below Cal		92
17) Carbon Disulfide	2.514	76	151	Below Cal	#	75
20) Methylene Chloride	2.788	84	157	2.492	ug/l #	52
31) Cyclohexane	5.556	56	2271	1.527	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	7775	5.476	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9709	6.318	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	789	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41813	28.959	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41813	89.038	ug/l #	15

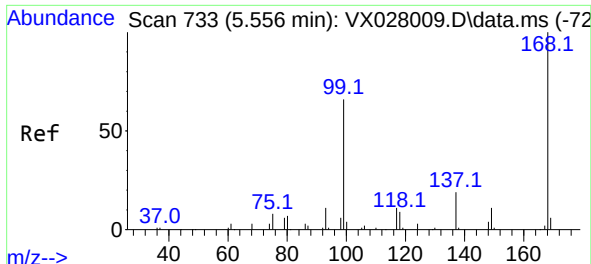
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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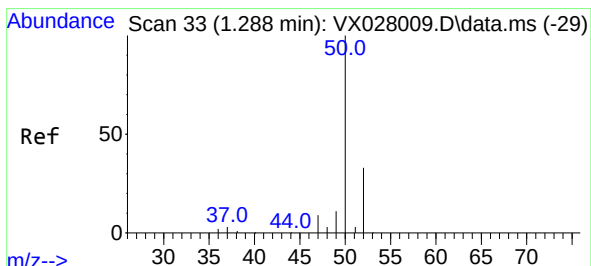
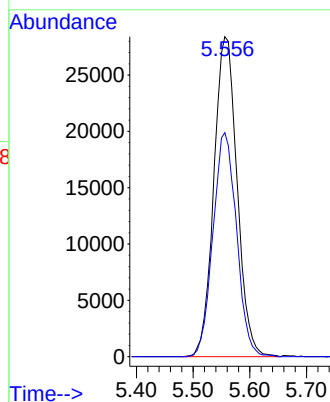
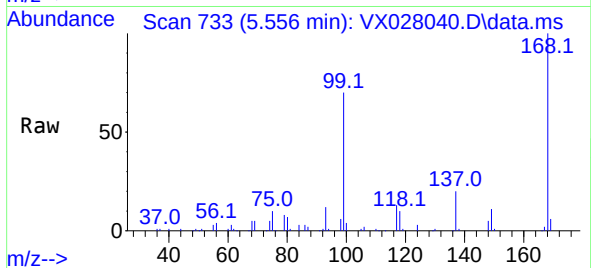




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

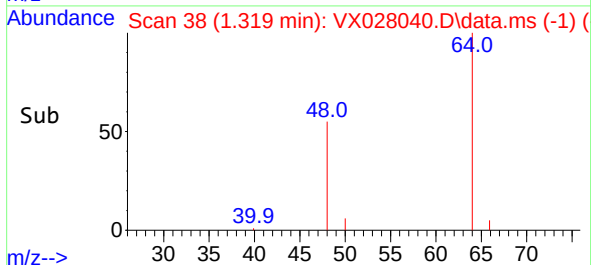
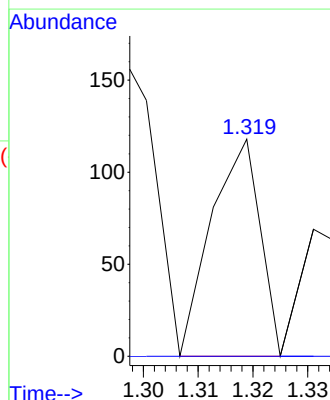
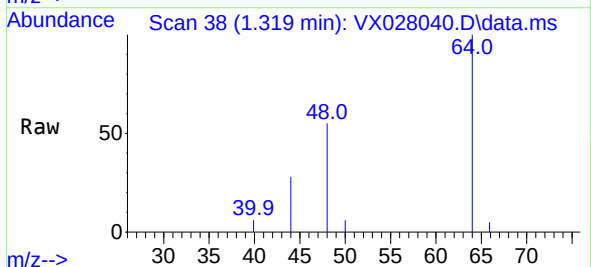
Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:168 Resp: 80810
Ion Ratio Lower Upper
168 100
99 70.0 41.7 62.5#

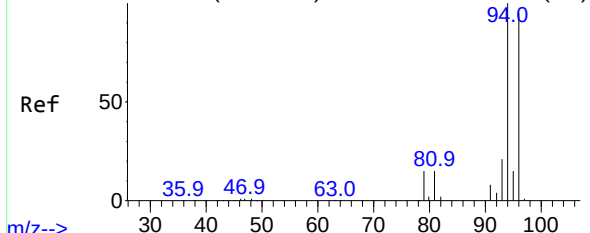


#3
Chloromethane
Concen: 1.540 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.031 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 84 (1.599 min): VX028009.D\data.ms (-79)



#5

Bromomethane

Concen: 0.908 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX028040.D

Acq: 08 Apr 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

MW-26

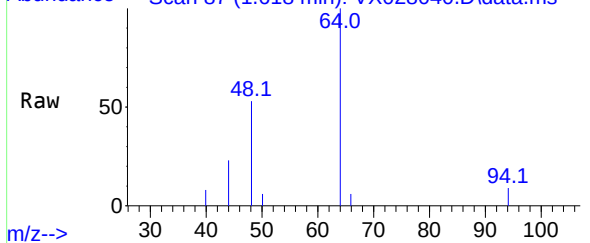
Tgt Ion: 94 Resp: 87

Ion Ratio Lower Upper

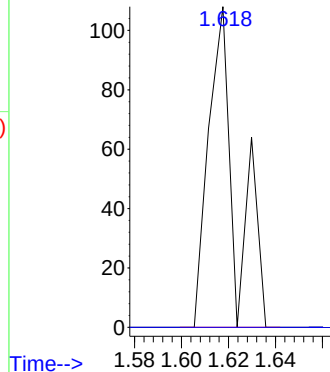
94 100

96 0.0 75.3 112.9#

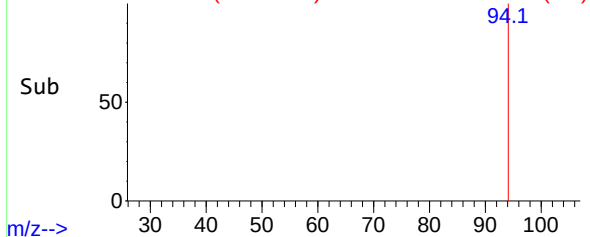
Abundance Scan 87 (1.618 min): VX028040.D\data.ms



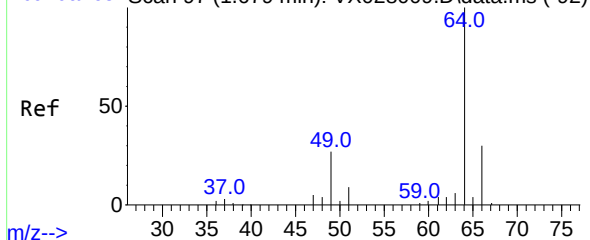
Abundance



Abundance Scan 87 (1.618 min): VX028040.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX028009.D\data.ms (-92)



#6

Chloroethane

Concen: 1.747 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.019 min

Lab File: VX028040.D

Acq: 08 Apr 2022 20:13

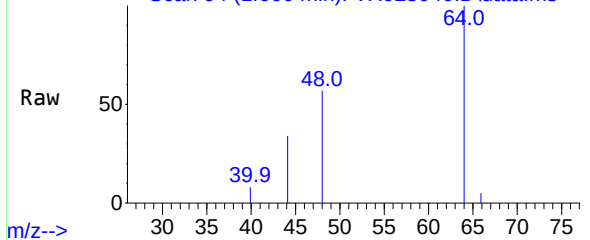
Tgt Ion: 64 Resp: 112

Ion Ratio Lower Upper

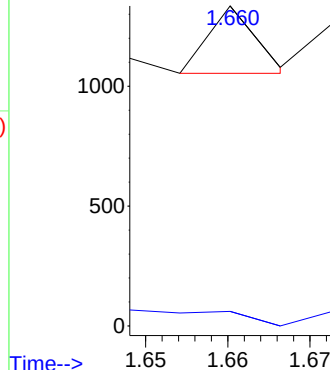
64 100

66 21.7 25.3 37.9#

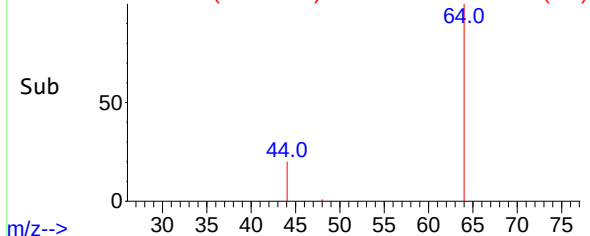
Abundance Scan 94 (1.660 min): VX028040.D\data.ms

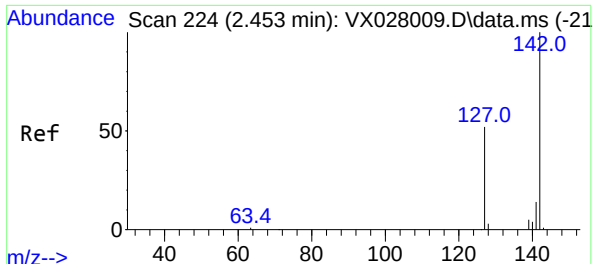


Abundance



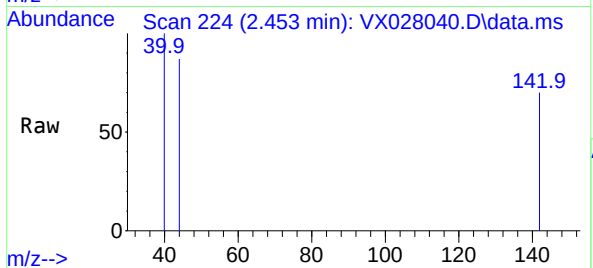
Abundance Scan 94 (1.660 min): VX028040.D\data.ms (-48)



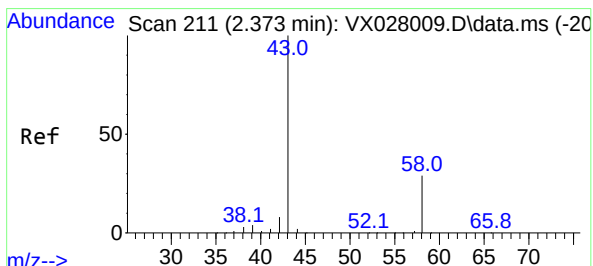
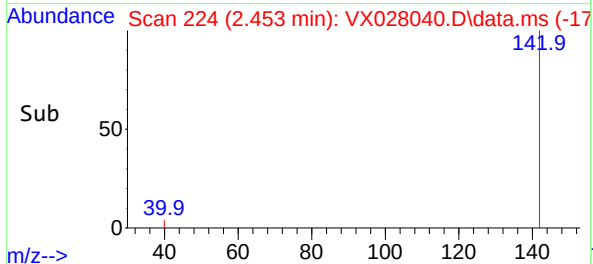
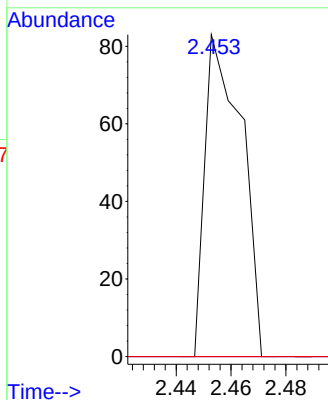


#10
Methyl Iodide
Concen: 6.864 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :
MW-26

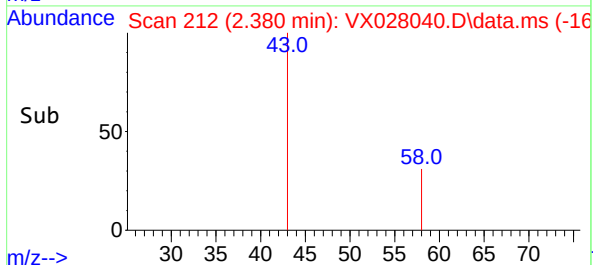
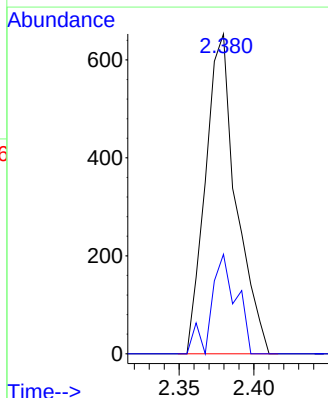
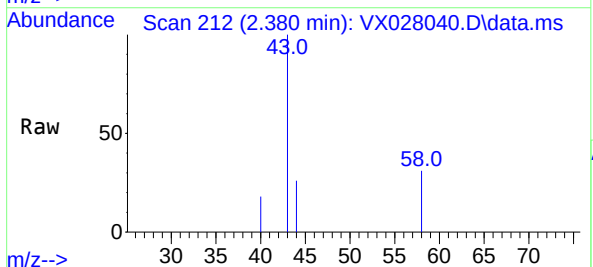


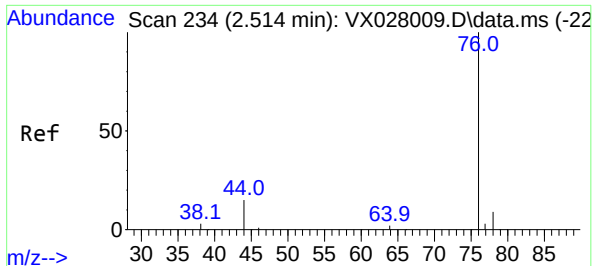
Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2

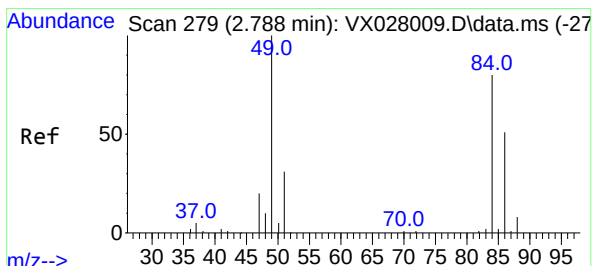
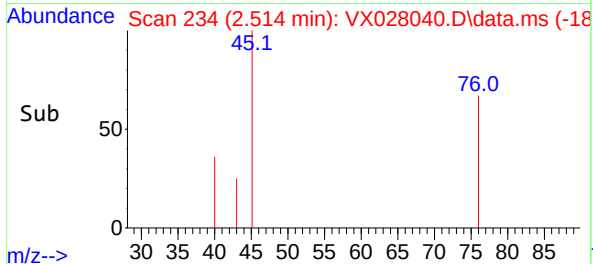
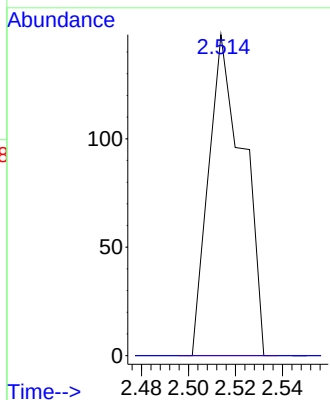
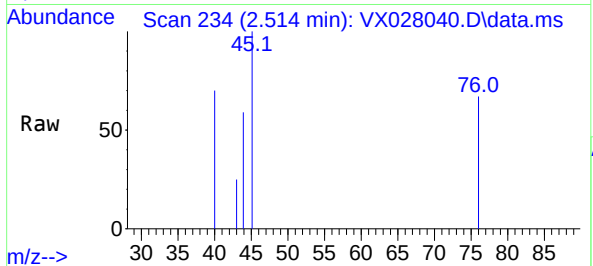




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

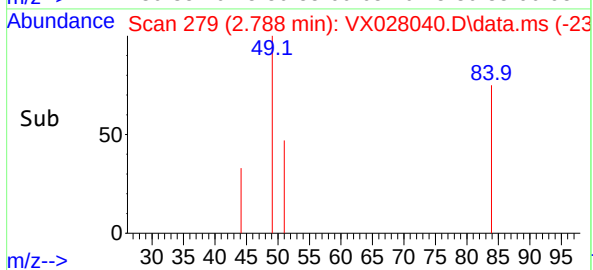
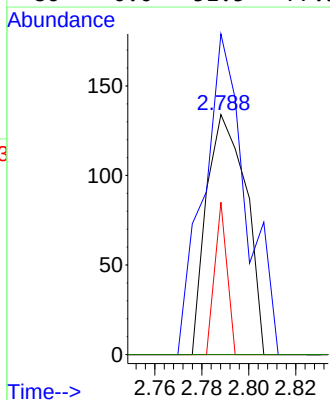
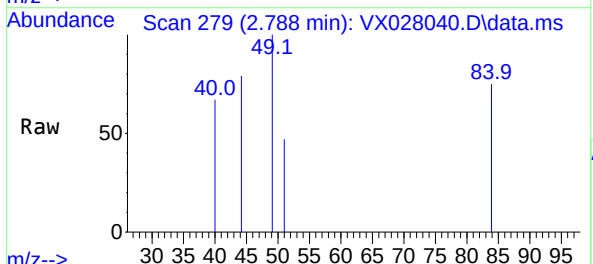
Instrument :
MSVOA_X
ClientSampleId :
MW-26

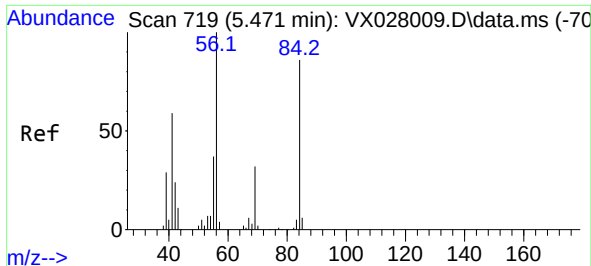
Tgt Ion: 76 Resp: 151
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 2.492 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 84 Resp: 157
Ion Ratio Lower Upper
84 100
49 133.6 85.5 128.3#
51 63.4 26.6 39.8#
86 0.0 51.5 77.3#

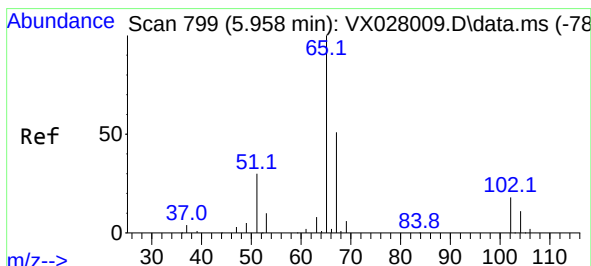
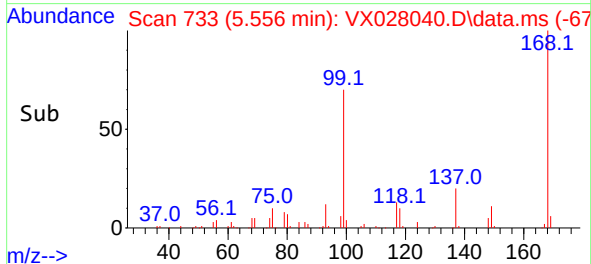
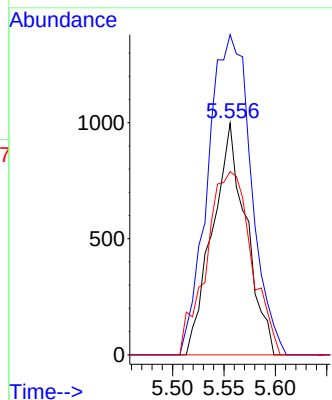
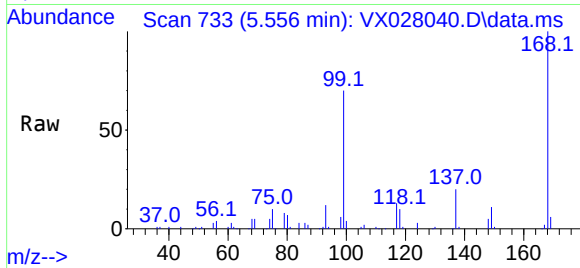




#31
Cyclohexane
Concen: 1.527 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

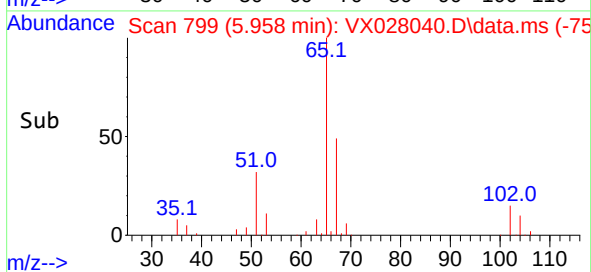
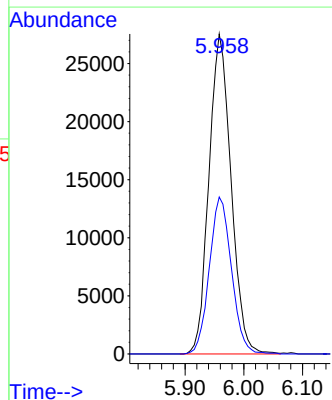
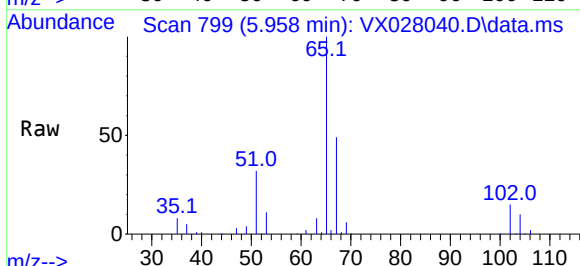
Instrument :
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ClientSampleId :
MW-26

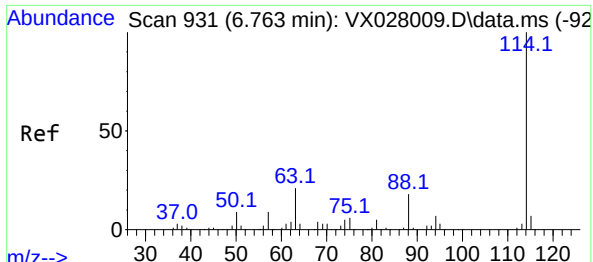
Tgt Ion: 56 Resp: 2271
Ion Ratio Lower Upper
56 100
69 138.2 26.7 40.1#
84 79.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 58.732 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 65 Resp: 72047
Ion Ratio Lower Upper
65 100
67 49.1 0.0 107.4

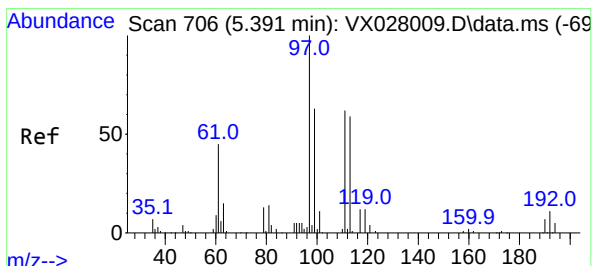
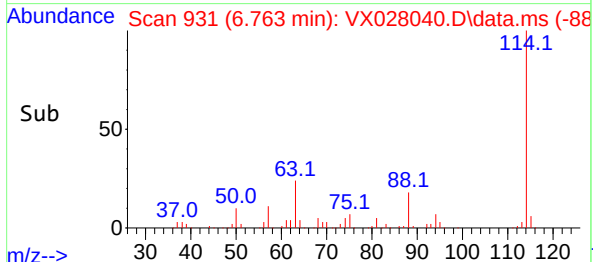
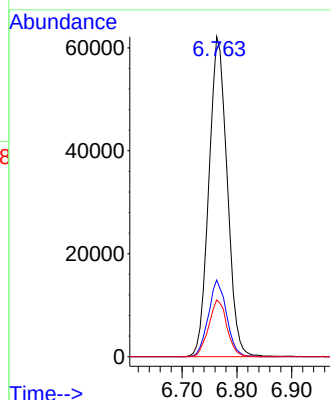
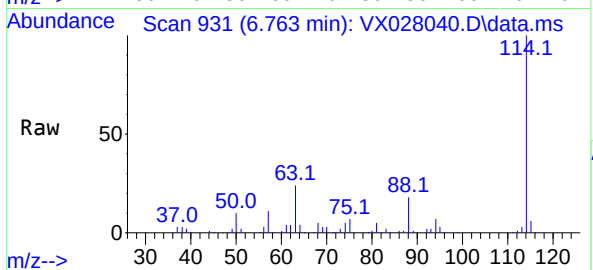




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

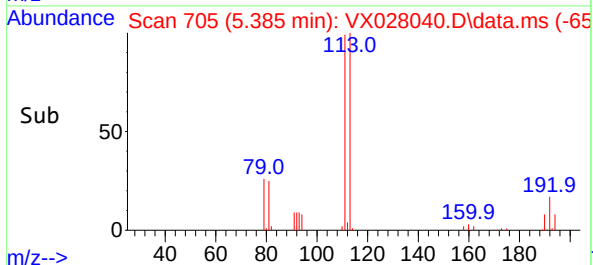
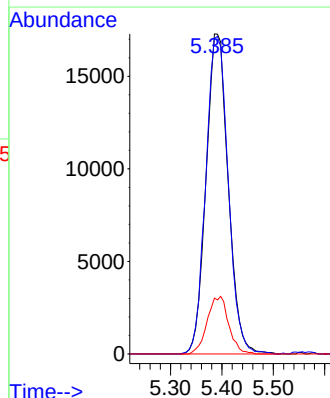
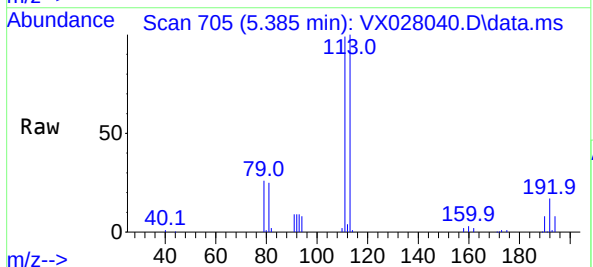
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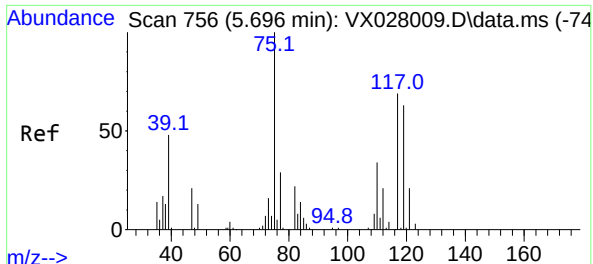
Tgt Ion:114 Resp: 143842
Ion Ratio Lower Upper
114 100
63 23.9 0.0 36.8
88 17.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion:113 Resp: 51705
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 17.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.476 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028040.D

Acq: 08 Apr 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

MW-26

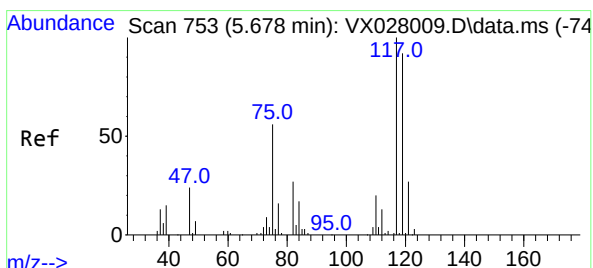
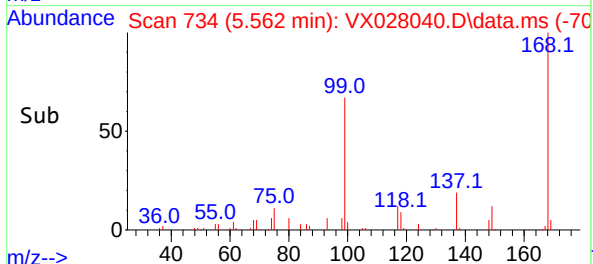
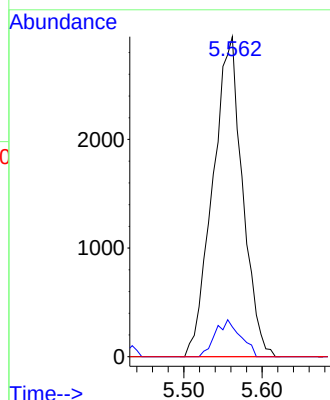
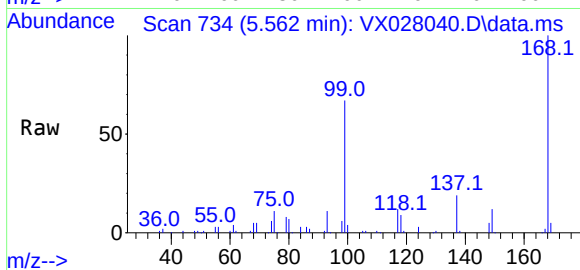
Tgt Ion: 75 Resp: 7775

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.318 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX028040.D

Acq: 08 Apr 2022 20:13

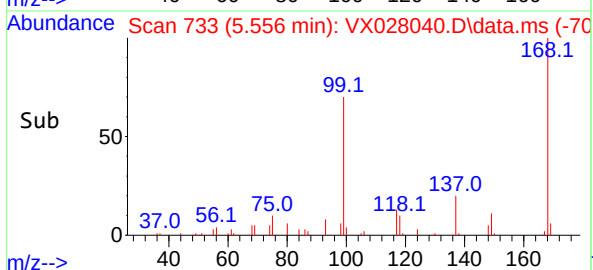
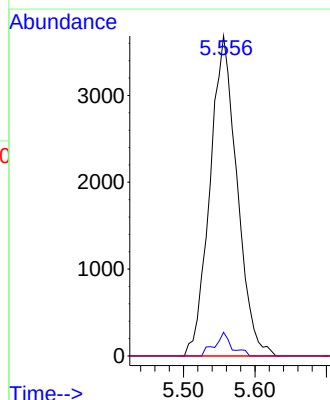
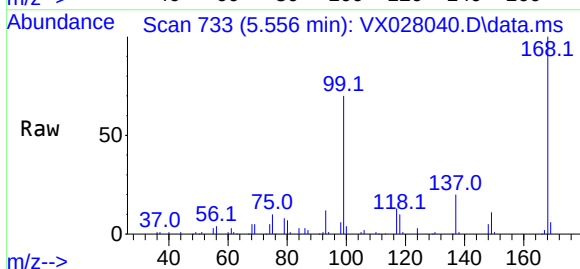
Tgt Ion: 117 Resp: 9709

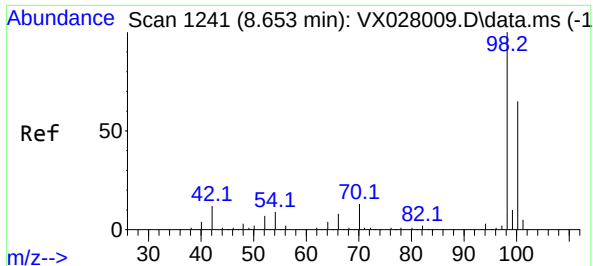
Ion Ratio Lower Upper

117 100

119 7.4 77.3 115.9#

121 0.0 24.2 36.2#

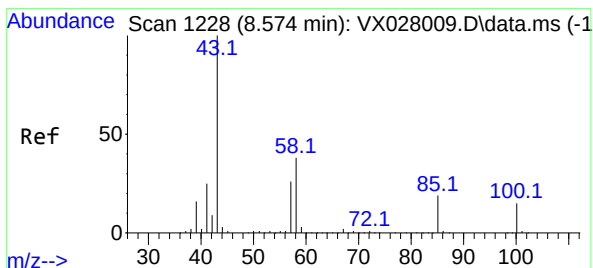
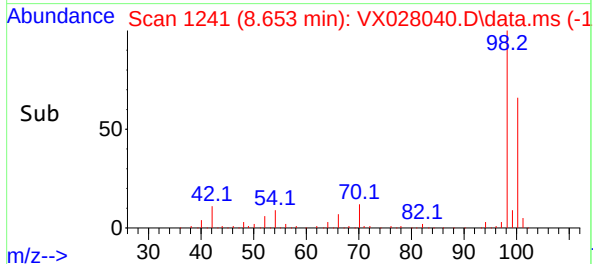
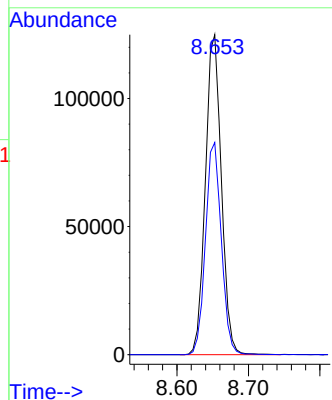
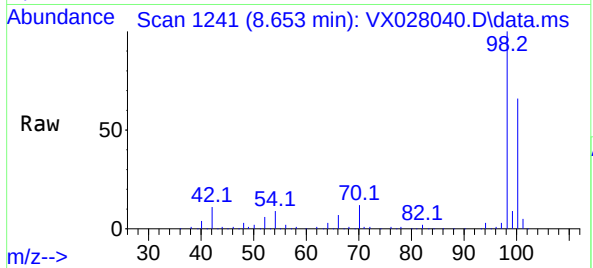




#50
Toluene-d8
Concen: 56.326 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

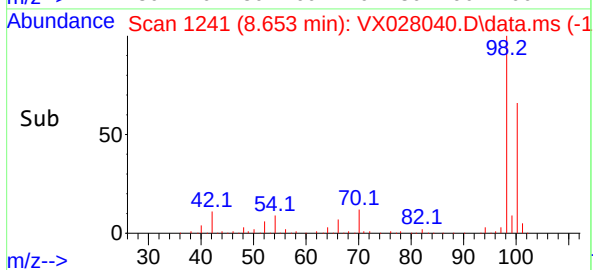
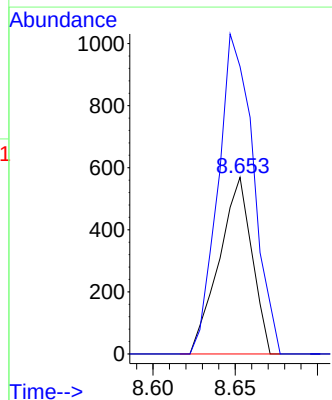
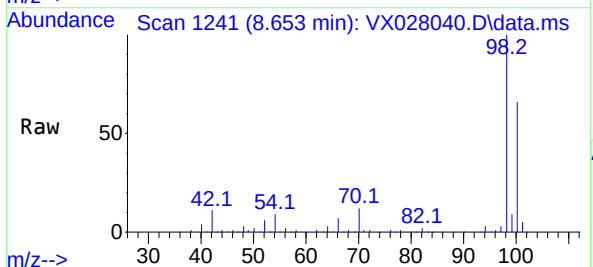
Instrument :
MSVOA_X
ClientSampleId :
MW-26

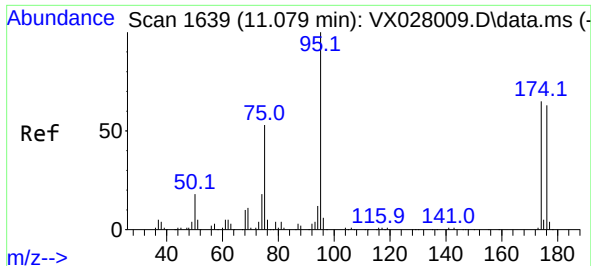
Tgt Ion: 98 Resp: 194048
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 194.9 36.1 54.1#

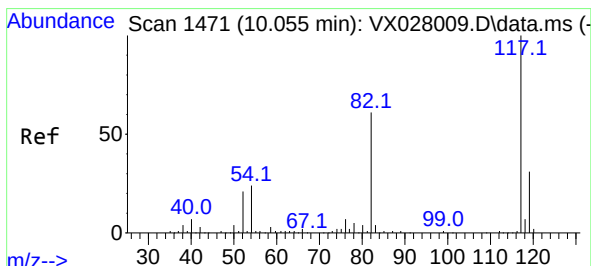
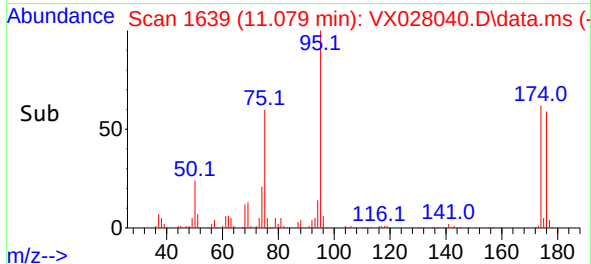
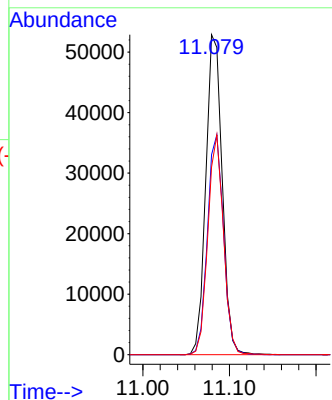
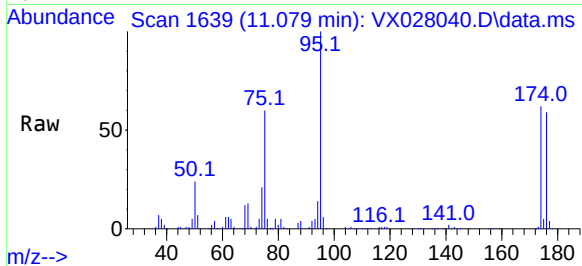




#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

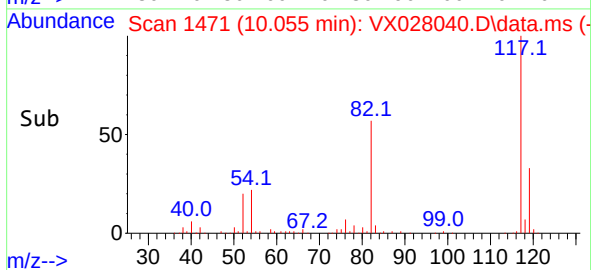
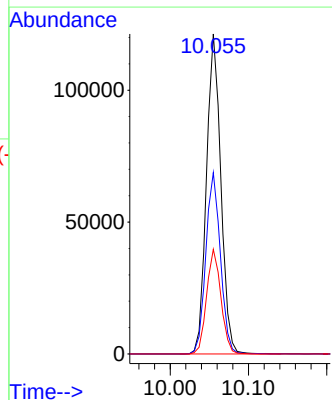
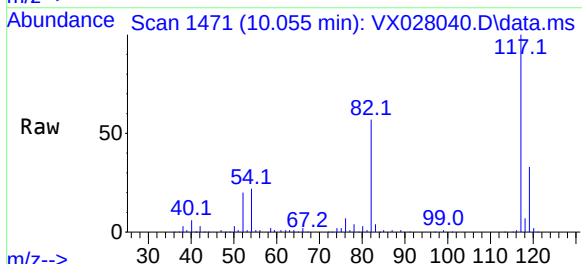
Instrument :
MSVOA_X
ClientSampleId :
MW-26

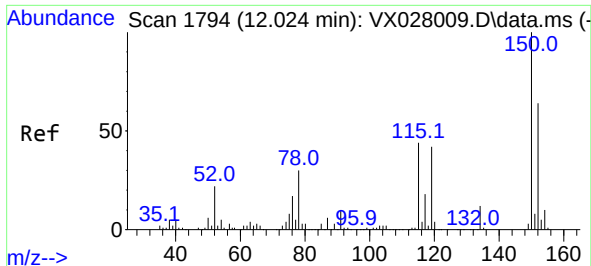
Tgt Ion: 95 Resp: 69390
Ion Ratio Lower Upper
95 100
174 67.7 0.0 163.0
176 65.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028040.D
Acq: 08 Apr 2022 20:13

Tgt Ion: 117 Resp: 154342
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.7 24.8 37.2

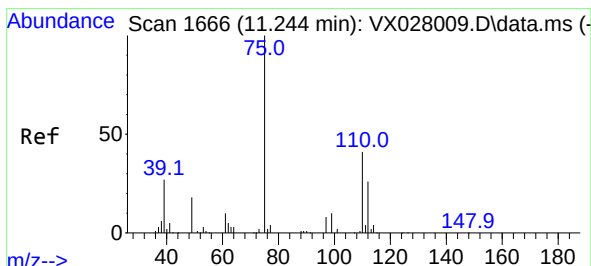
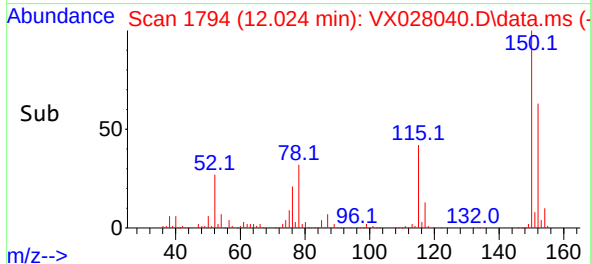
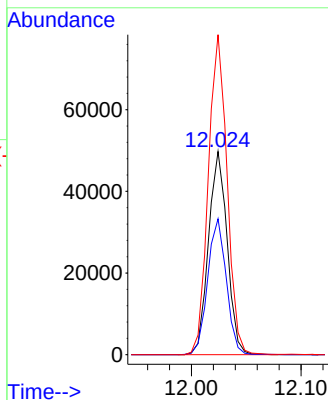
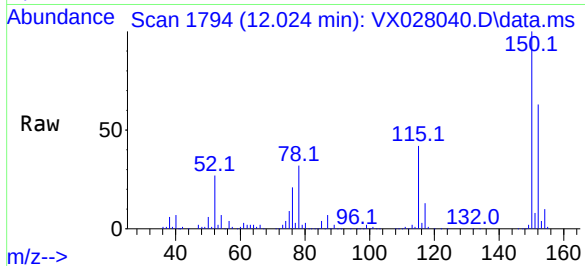




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028040.D
 Acq: 08 Apr 2022 20:13

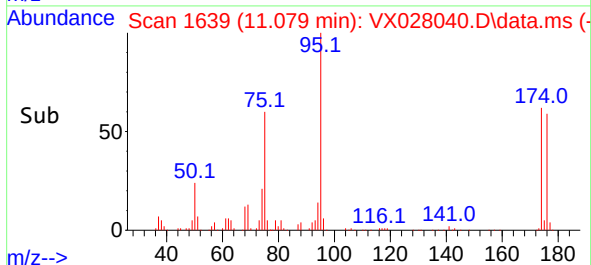
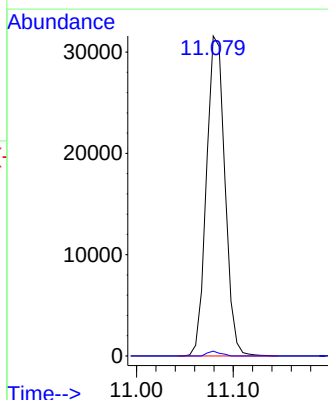
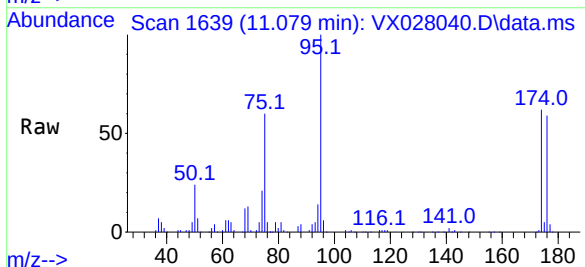
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

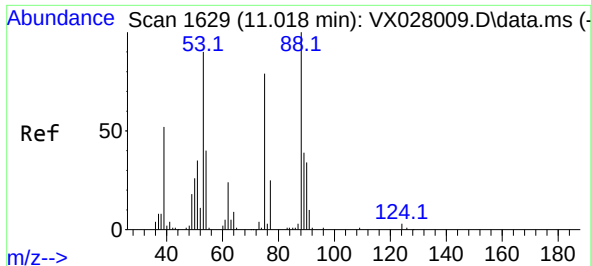
Tgt Ion:152 Resp: 58861
 Ion Ratio Lower Upper
 152 100
 115 66.9 37.5 112.7
 150 158.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.959 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028040.D
 Acq: 08 Apr 2022 20:13

Tgt Ion: 75 Resp: 41813
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.038 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028040.D
 Acq: 08 Apr 2022 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Tgt Ion: 75 Resp: 41813
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

