

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028831.D
 Acq On : 19 May 2022 17:29
 Operator : JC/MD
 Sample : N2943-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Quant Time: May 20 01:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

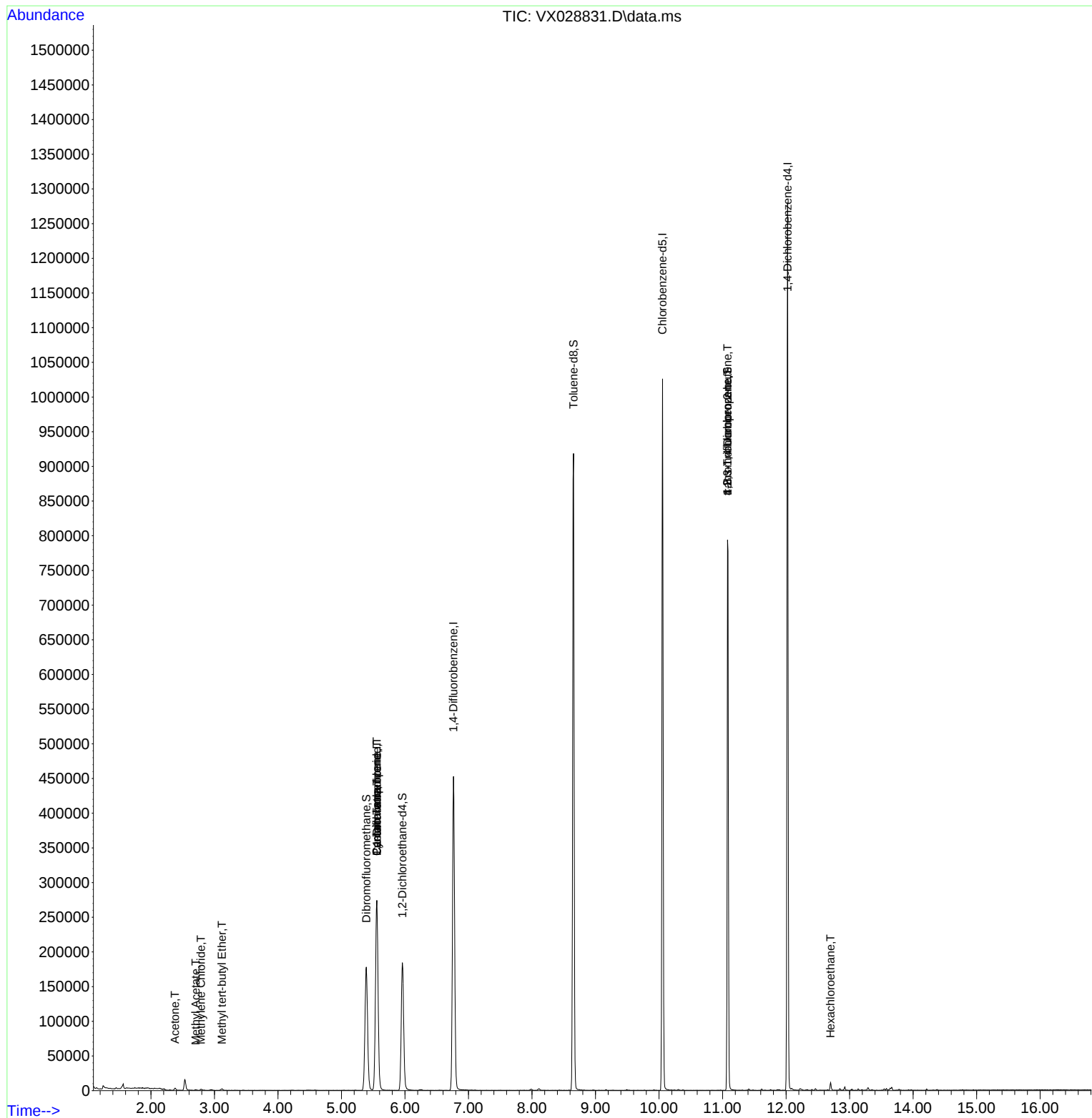
Internal Standards						
1) Pentafluorobenzene	5.556	168	253466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177569	51.107	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.220%	
35) Dibromofluoromethane	5.391	113	151564	50.637	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.280%	
50) Toluene-d8	8.653	98	546120	48.395	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	11.079	95	208062	49.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	477	Below Cal		84
6) Chloroethane	1.691	64	390	Below Cal	#	87
11) Tert butyl alcohol	2.947	59	980	Below Cal	#	72
16) Acetone	2.380	43	3331	2.234	ug/l	100
18) Methyl Acetate	2.703	43	965	0.258	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	2160	0.232	ug/l #	81
20) Methylene Chloride	2.788	84	626	0.200	ug/l #	85
31) Cyclohexane	5.556	56	5685	1.179	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	20919	4.653	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26791	5.922	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	111383	19.362	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111383	57.162	ug/l #	15
90) Hexachloroethane	12.701	117	4259	1.693	ug/l #	10

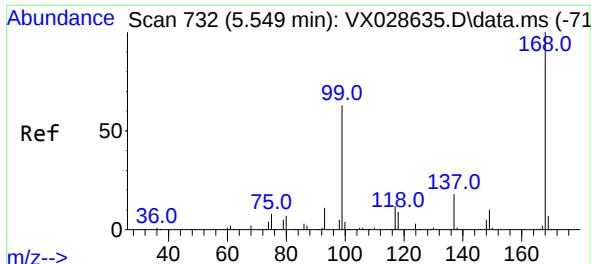
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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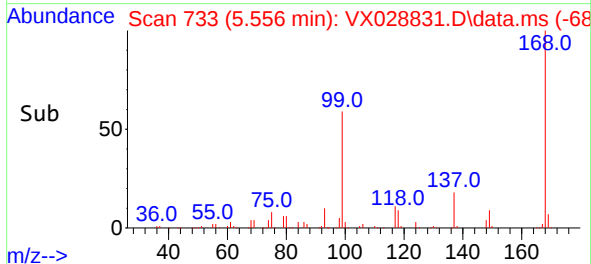
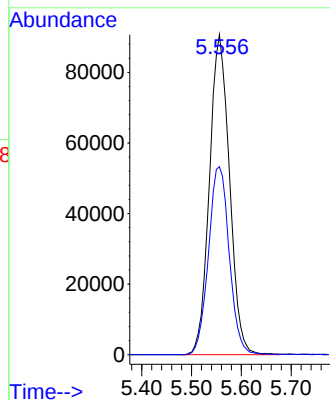
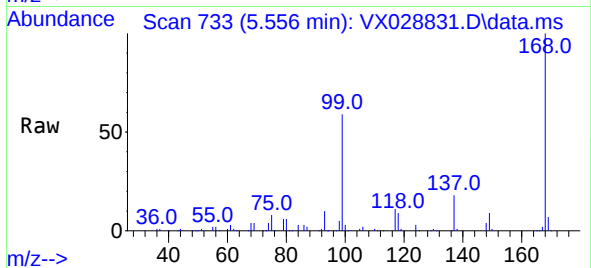




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

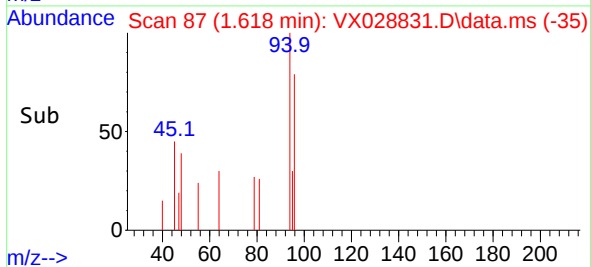
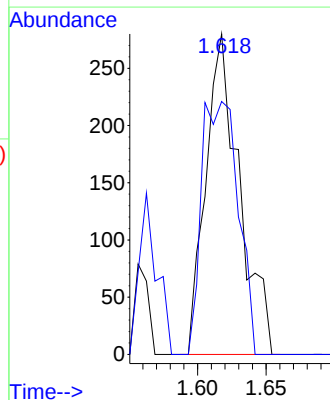
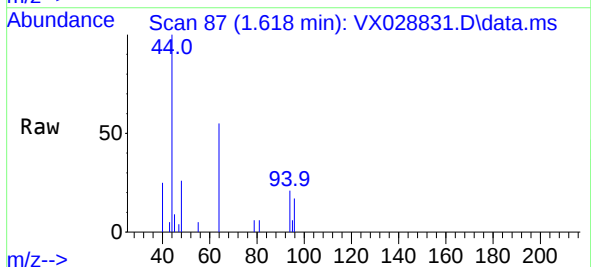
Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion:168 Resp: 253466
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5

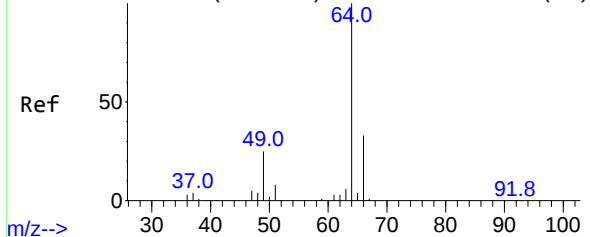


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 78.9 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

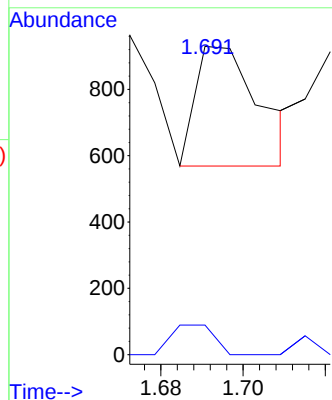
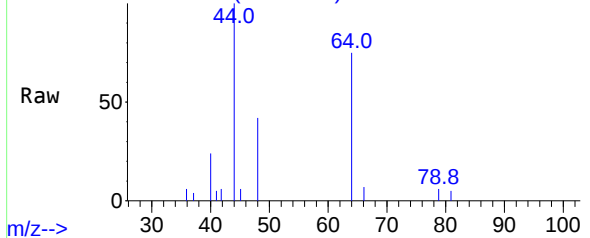


#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

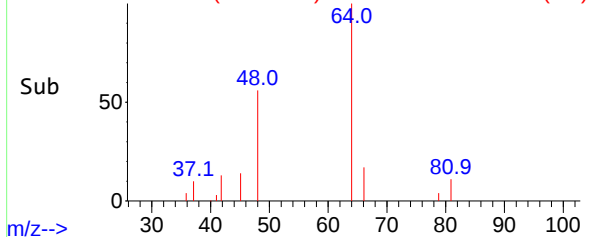
Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion: 64 Resp: 390
Ion Ratio Lower Upper
64 100
66 24.7 25.3 37.9#

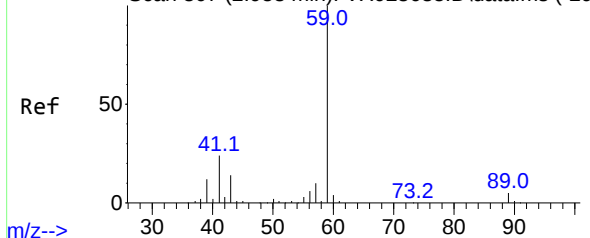
Abundance Scan 99 (1.691 min): VX028831.D\data.ms



Abundance Scan 99 (1.691 min): VX028831.D\data.ms (-48)



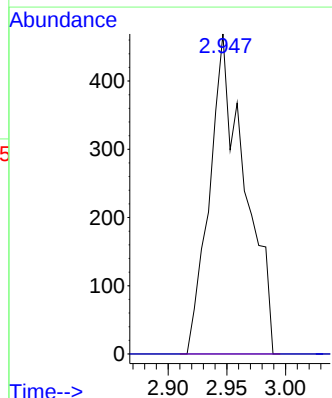
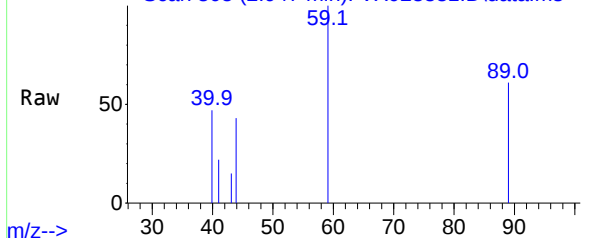
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



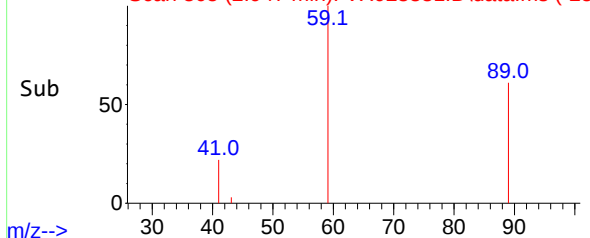
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

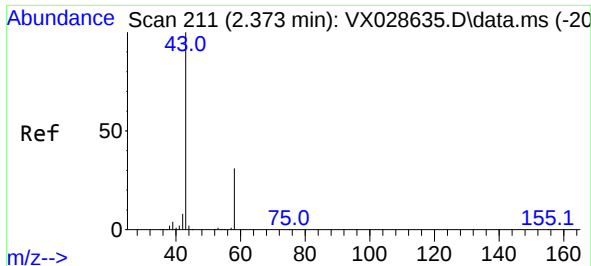
Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028831.D\data.ms



Abundance Scan 305 (2.947 min): VX028831.D\data.ms (-25)





#16

Acetone

Concen: 2.234 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX028831.D

Acq: 19 May 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

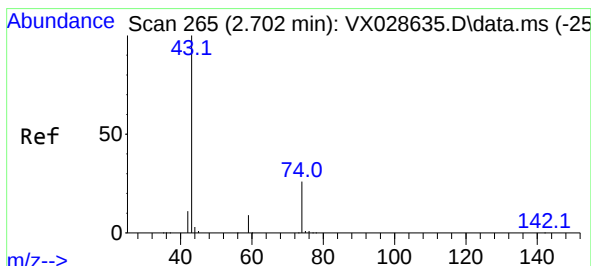
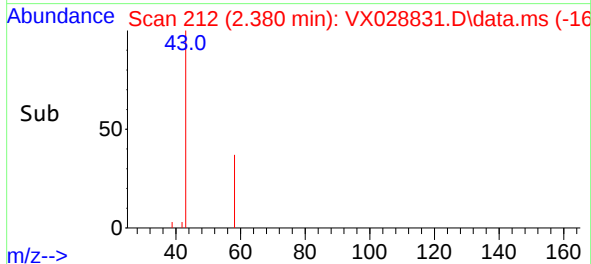
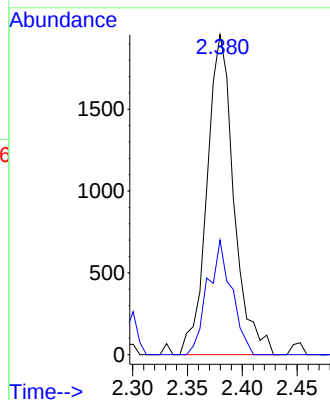
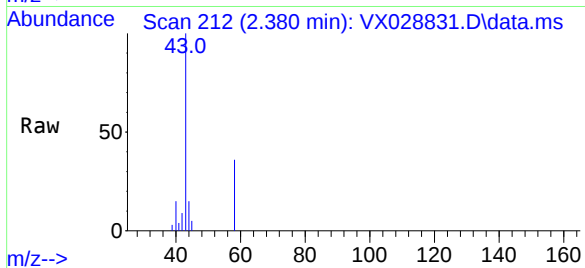
MW-43

Tgt Ion: 43 Resp: 3331

Ion Ratio Lower Upper

43 100

58 35.8 28.8 43.2



#18

Methyl Acetate

Concen: 0.258 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX028831.D

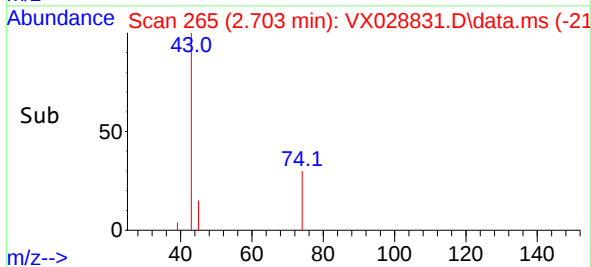
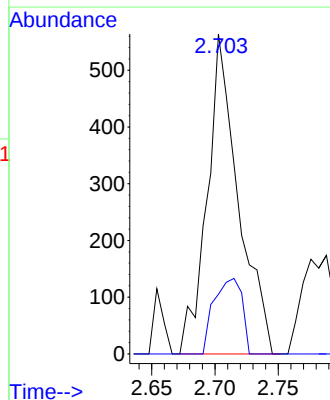
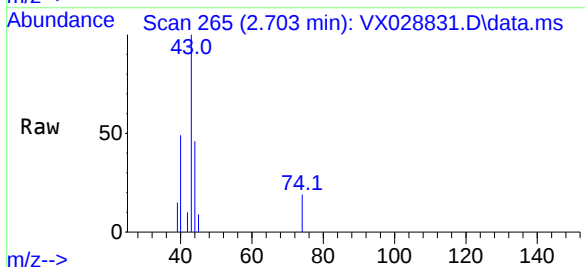
Acq: 19 May 2022 17:29

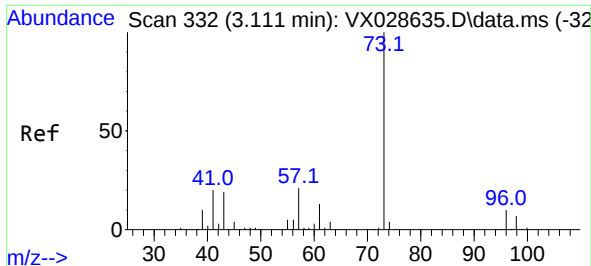
Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

74 21.1 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 0.232 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028831.D

Acq: 19 May 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

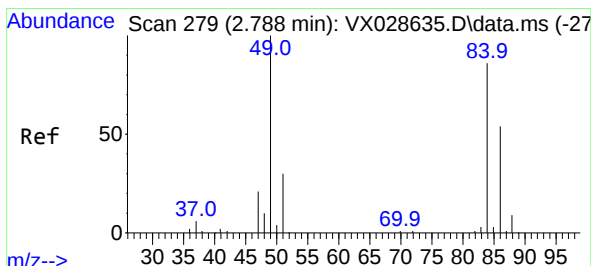
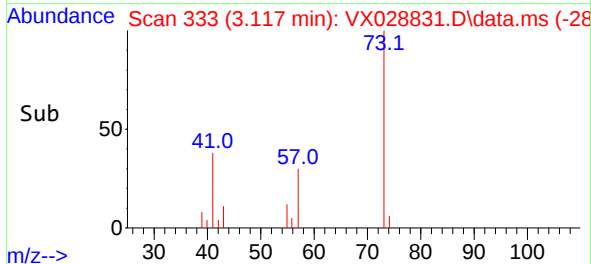
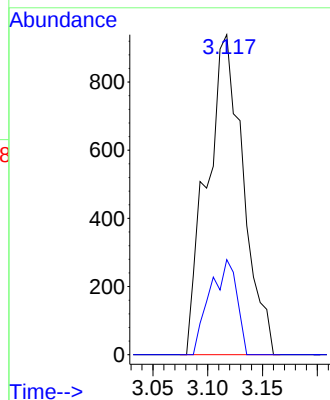
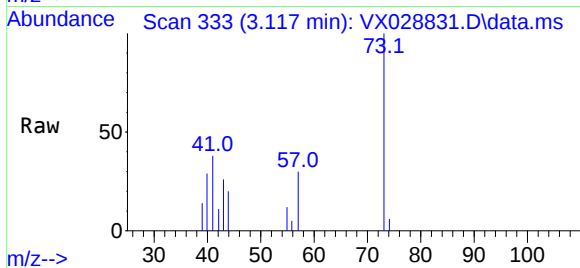
MW-43

Tgt Ion: 73 Resp: 2160

Ion Ratio Lower Upper

73 100

57 29.7 16.8 25.2#



#20

Methylene Chloride

Concen: 0.200 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX028831.D

Acq: 19 May 2022 17:29

Tgt Ion: 84 Resp: 626

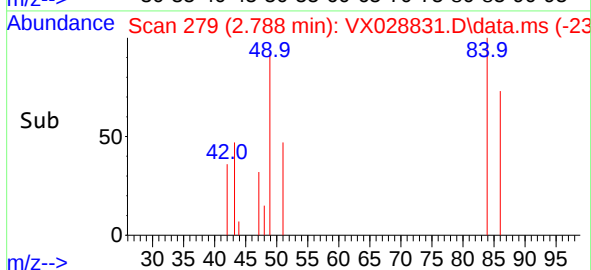
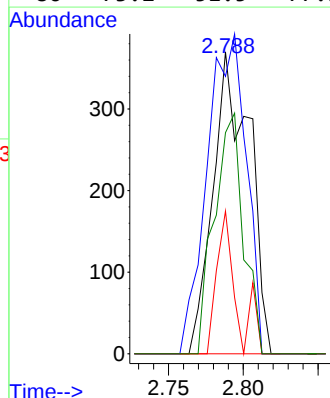
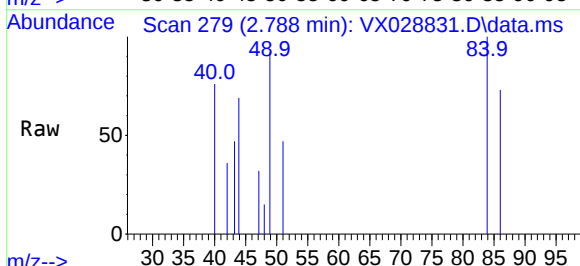
Ion Ratio Lower Upper

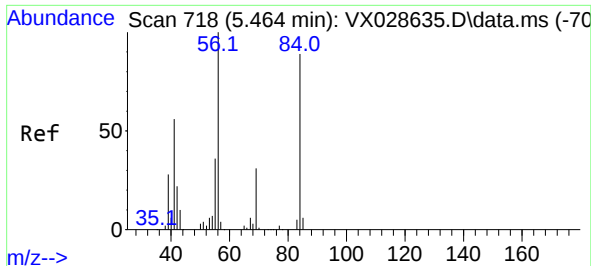
84 100

49 91.9 85.5 128.3

51 47.3 26.6 39.8#

86 73.2 51.5 77.3

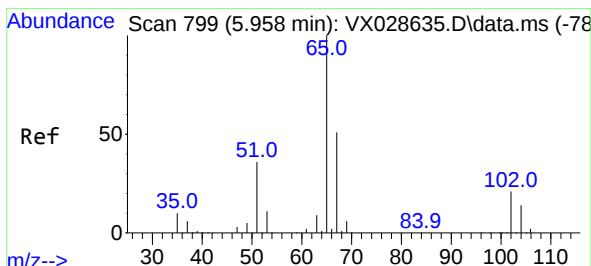
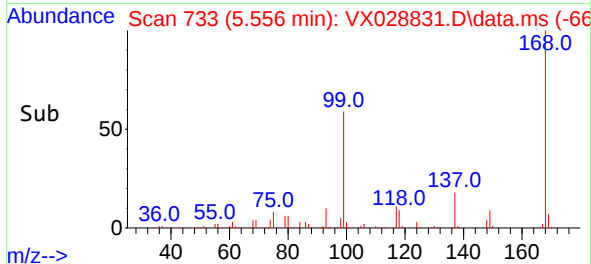
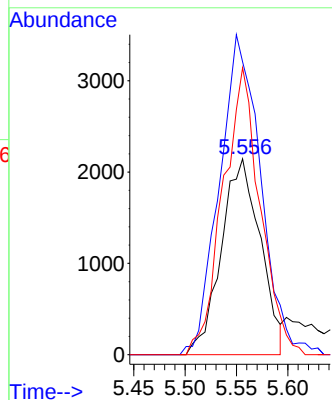
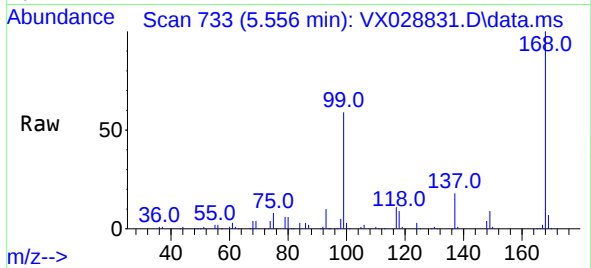




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

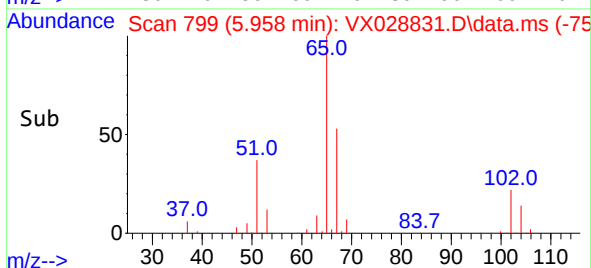
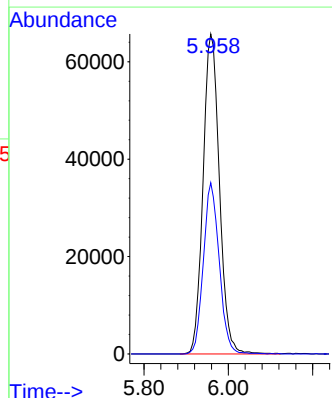
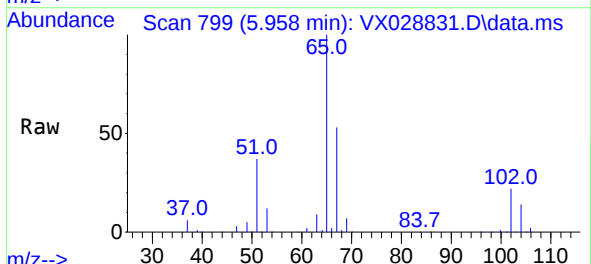
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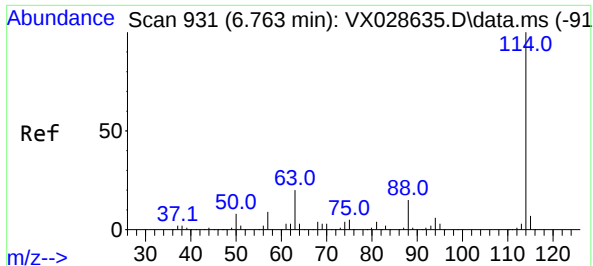
Tgt Ion: 56 Resp: 5685
Ion Ratio Lower Upper
56 100
69 149.6 26.7 40.1#
84 146.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.107 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion: 65 Resp: 177569
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

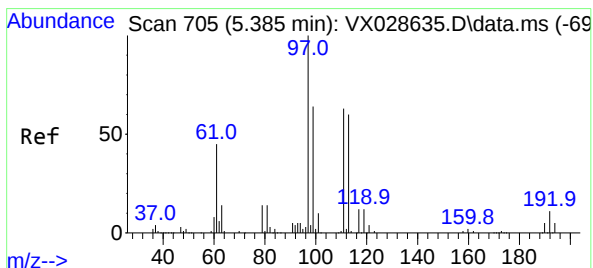
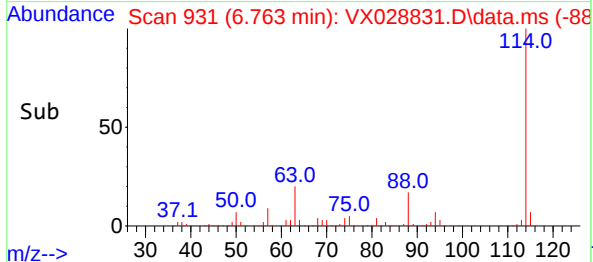
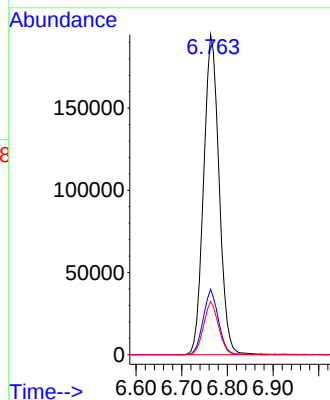
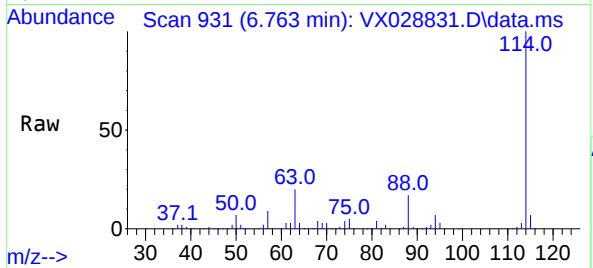




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

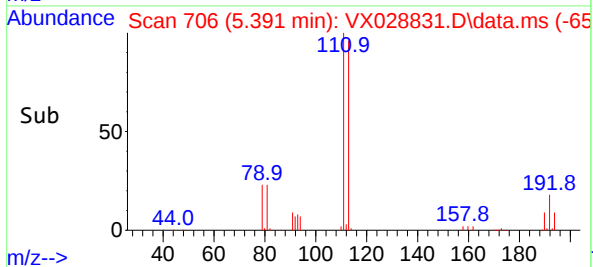
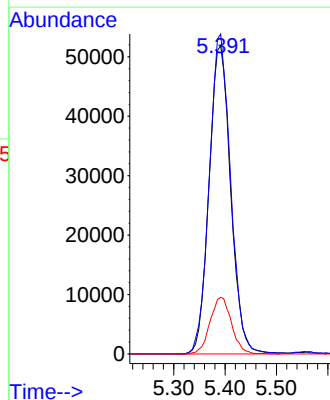
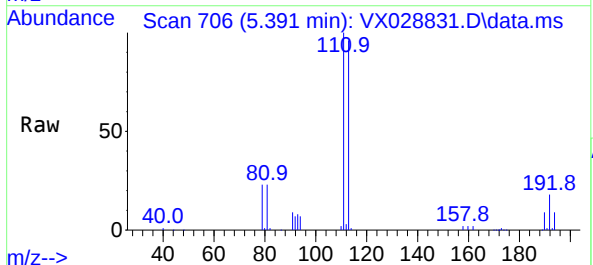
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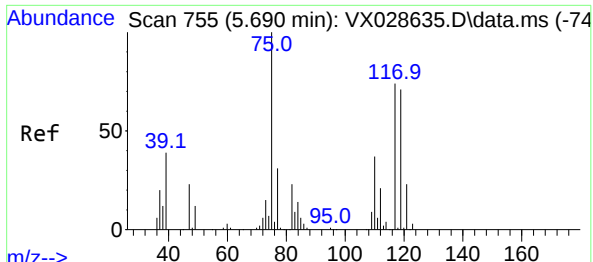
Tgt Ion:114 Resp: 456841
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.637 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion:113 Resp: 151564
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 16.9 25.3

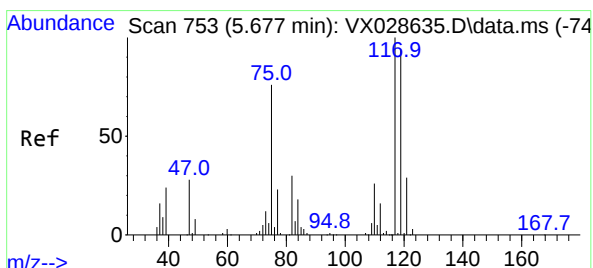
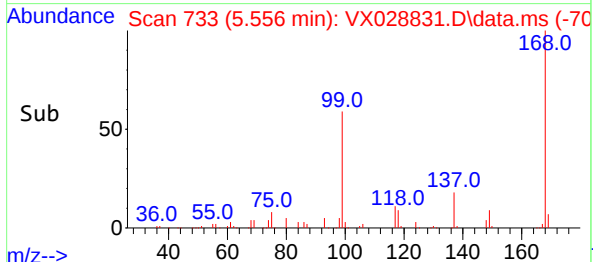
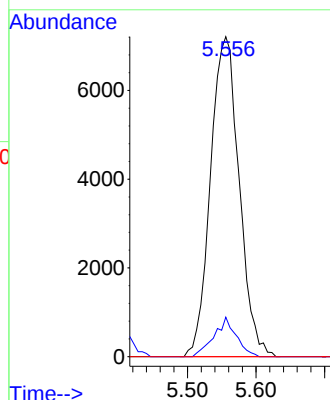
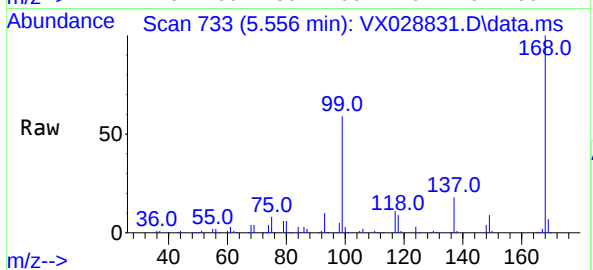




#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

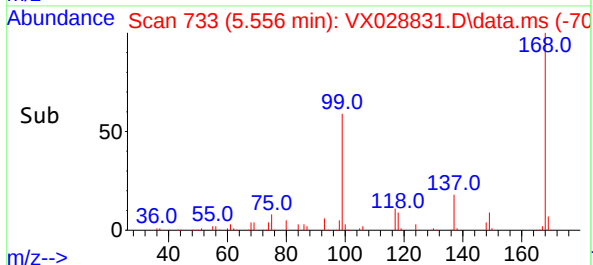
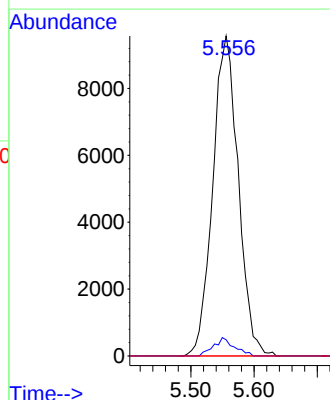
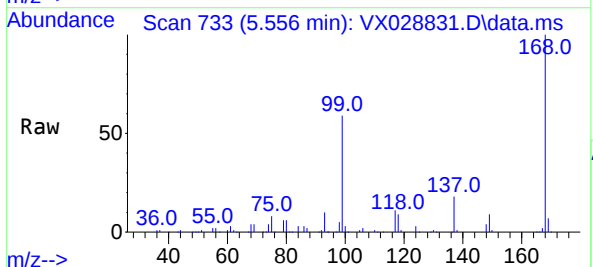
Instrument :
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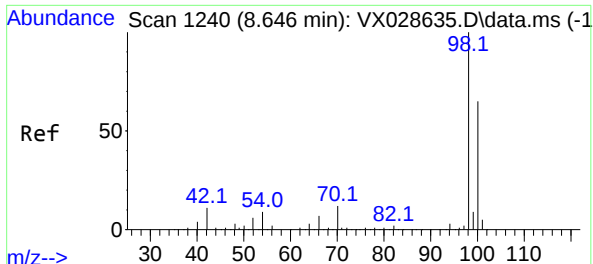
Tgt Ion: 75 Resp: 20919
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion: 117 Resp: 26791
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.395 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028831.D

Acq: 19 May 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :

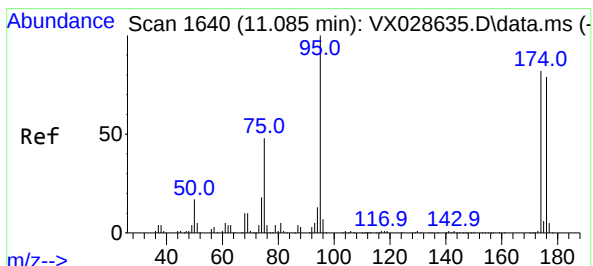
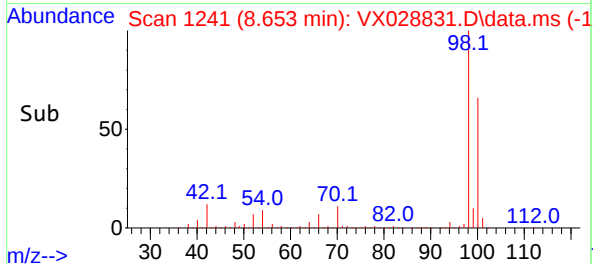
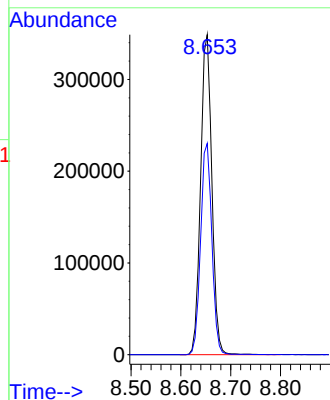
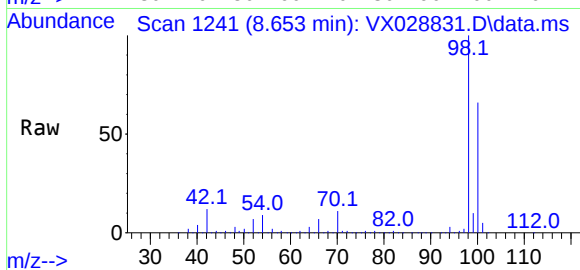
MW-43

Tgt Ion: 98 Resp: 546120

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.363 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028831.D

Acq: 19 May 2022 17:29

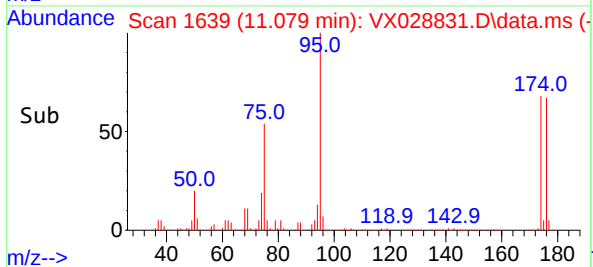
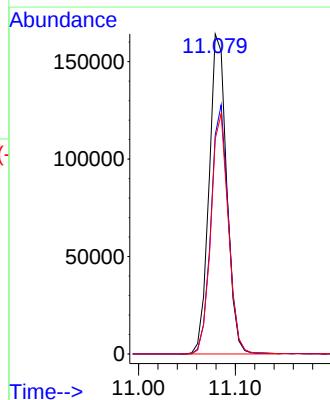
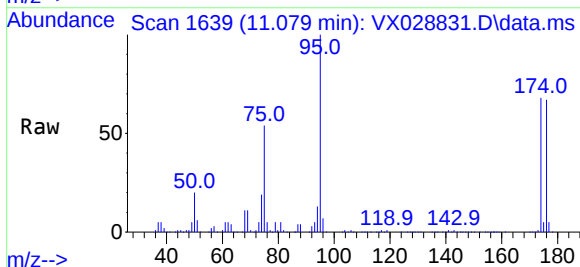
Tgt Ion: 95 Resp: 208062

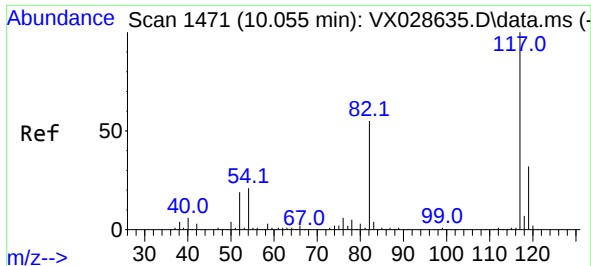
Ion Ratio Lower Upper

95 100

174 76.6 0.0 163.0

176 74.5 0.0 155.0

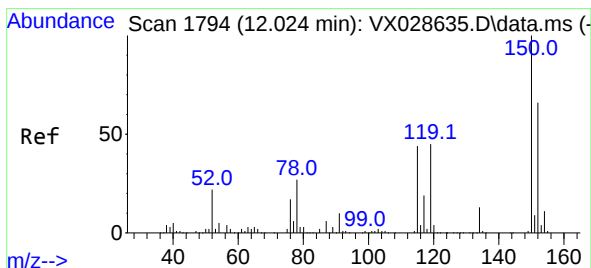
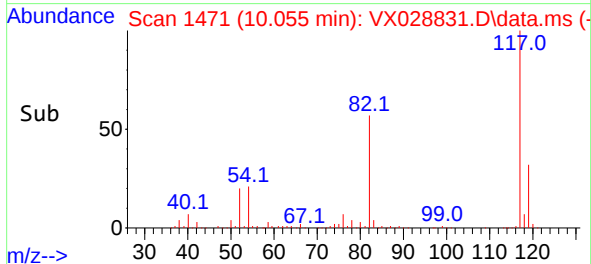
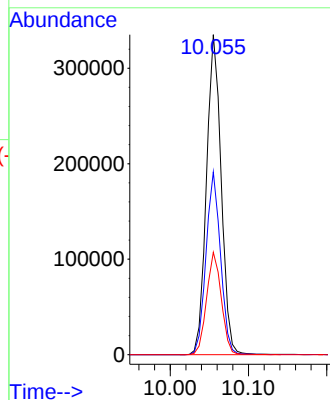
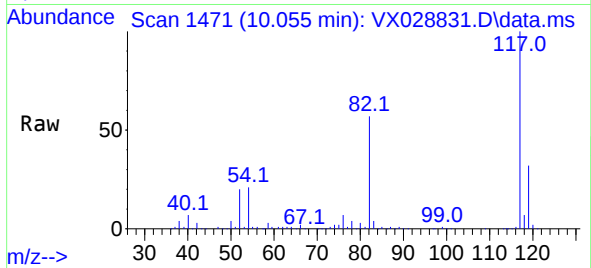




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

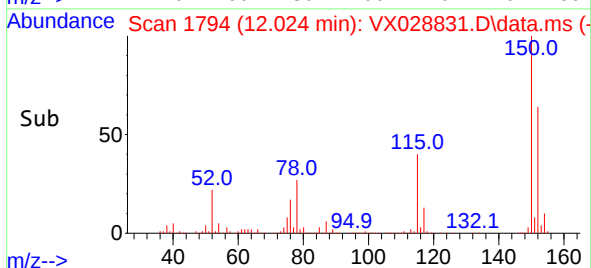
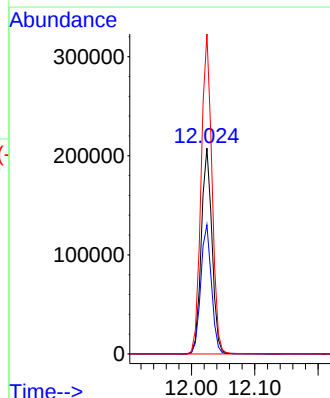
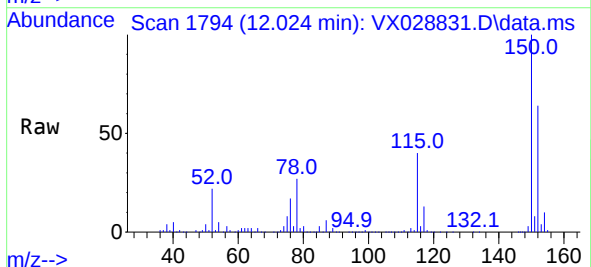
Instrument :
MSVOA_X
ClientSampleId :
MW-43

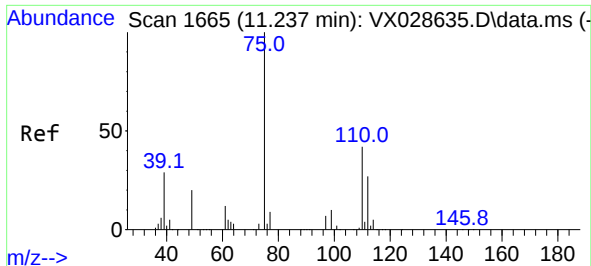
Tgt Ion:117 Resp: 436244
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion:152 Resp: 245636
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 156.7 0.0 338.2

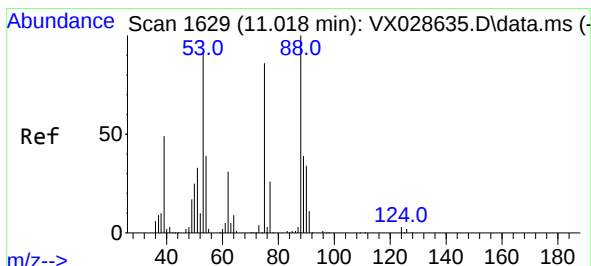
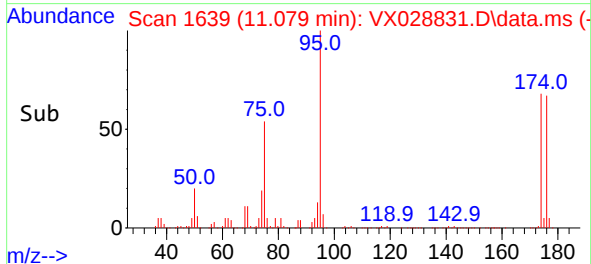
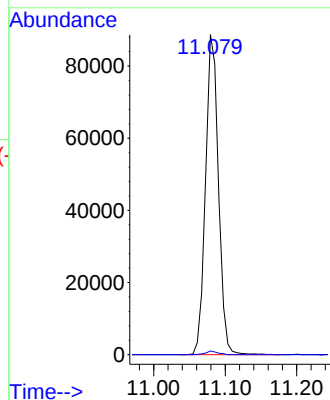
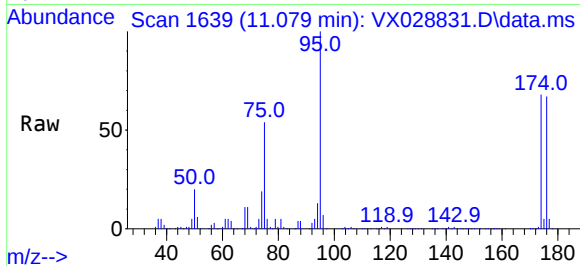




#76
1,2,3-Trichloropropane
Concen: 19.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

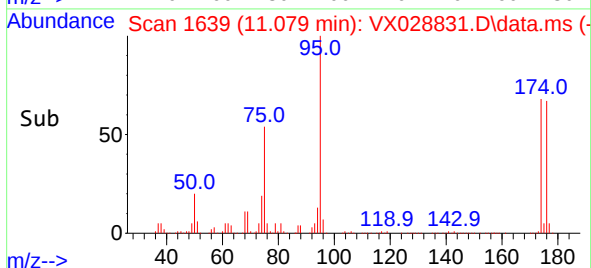
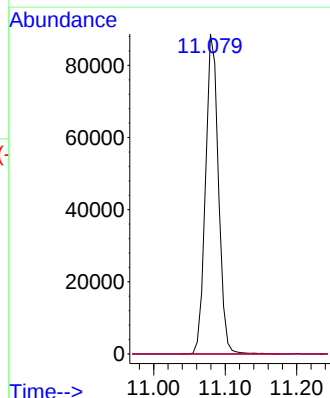
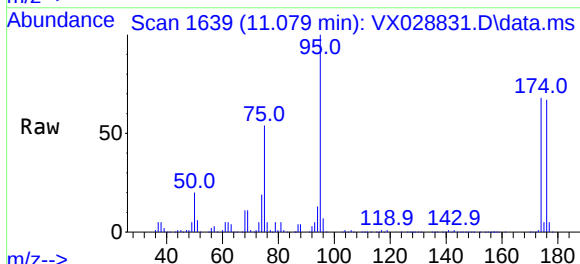
Instrument :
MSVOA_X
ClientSampleId :
MW-43

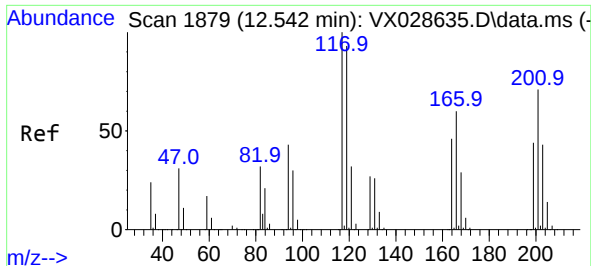
Tgt Ion: 75 Resp: 111383
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028831.D
Acq: 19 May 2022 17:29

Tgt Ion: 75 Resp: 111383
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.693 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.159 min
 Lab File: VX028831.D
 Acq: 19 May 2022 17:29

Instrument : MSVOA_X
 ClientSampleId : MW-43

Tgt Ion:117 Resp: 4259
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

