

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028901.D
 Acq On : 23 May 2022 17:56
 Operator : JC/MD
 Sample : N2958-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220517

Quant Time: May 24 05:35:19 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)

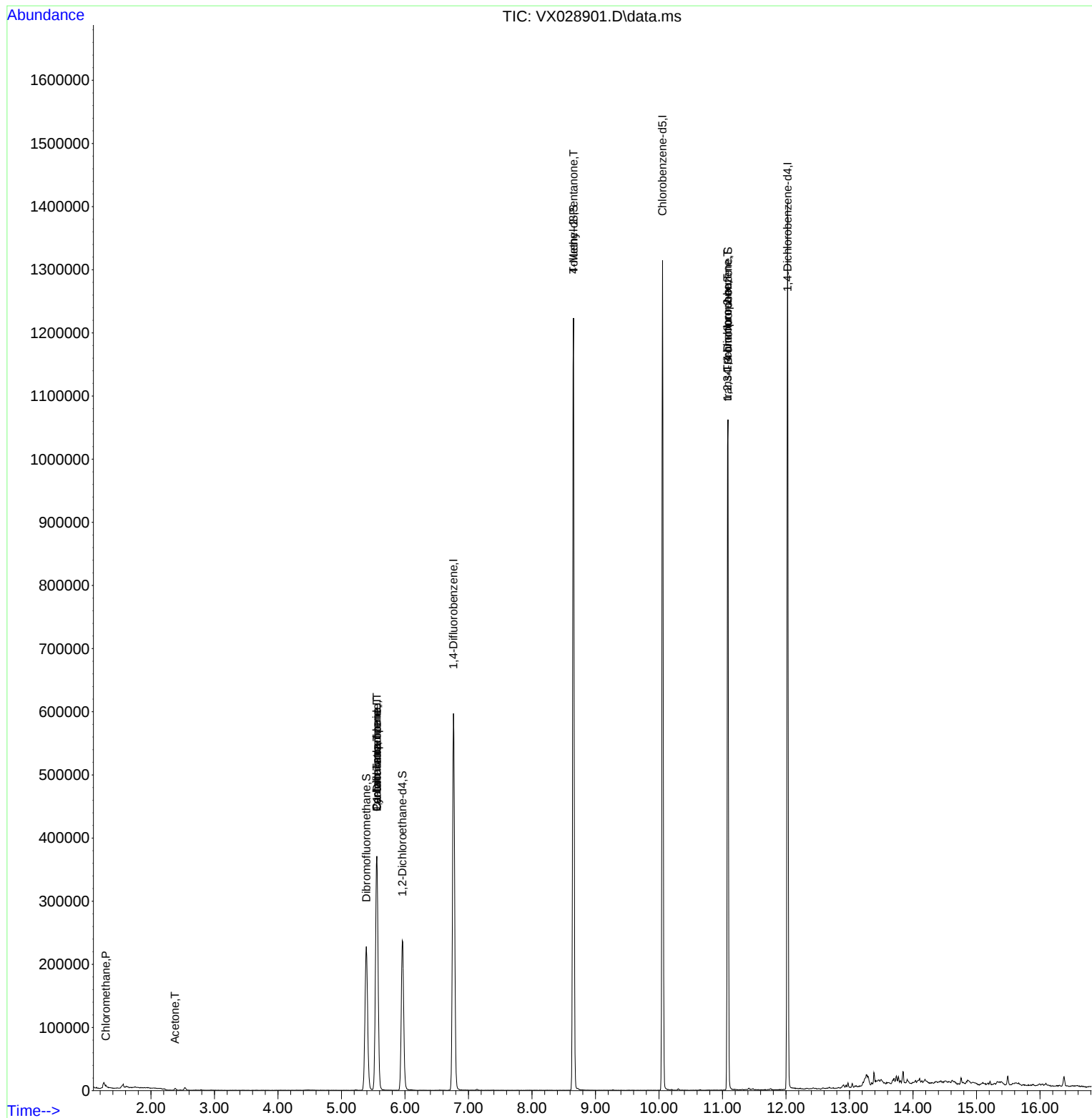
Internal Standards						
1) Pentafluorobenzene	5.556	168	354104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	623917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	236640	48.752	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.500%
35) Dibromofluoromethane	5.391	113	201091	49.193	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.380%
50) Toluene-d8	8.653	98	738673	47.929	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	300786	52.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	897	0.205	ug/l	99
5) Bromomethane	1.618	94	1247	Below Cal	#	70
6) Chloroethane	1.666	64	664	Below Cal	#	77
11) Tert butyl alcohol	2.947	59	218	Below Cal	#	72
16) Acetone	2.380	43	3488	1.674	ug/l	# 80
31) Cyclohexane	5.556	56	6868	1.019	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	27638	4.501	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	37311	6.038	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2939	0.445	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	150470	22.853	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	150470	66.768	ug/l	# 15

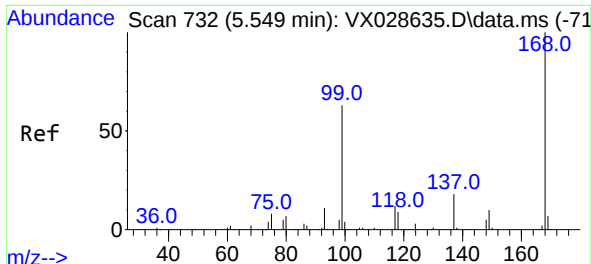
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

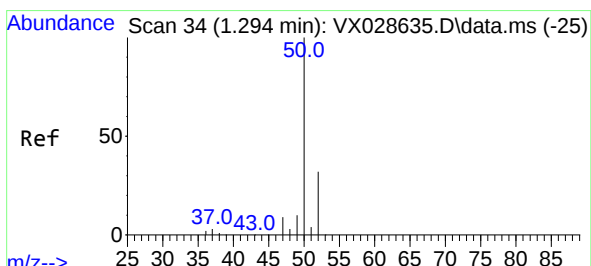
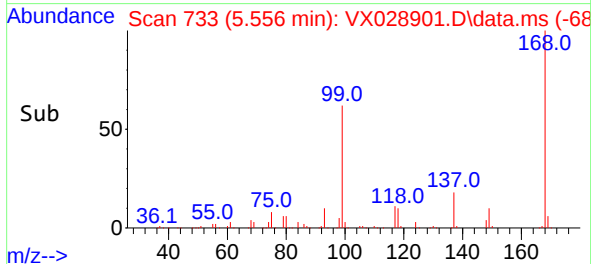
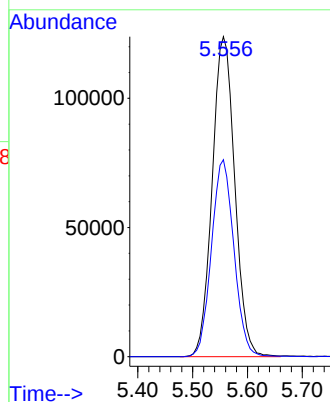
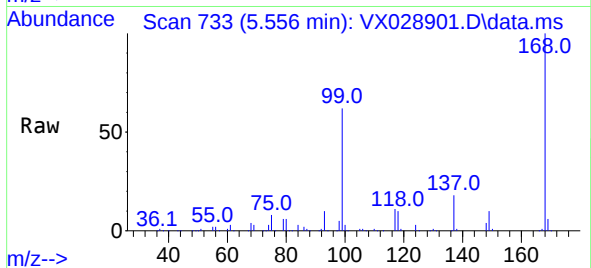




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

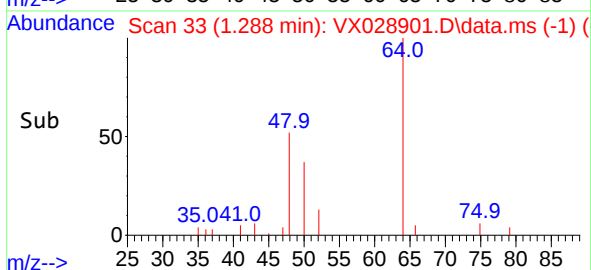
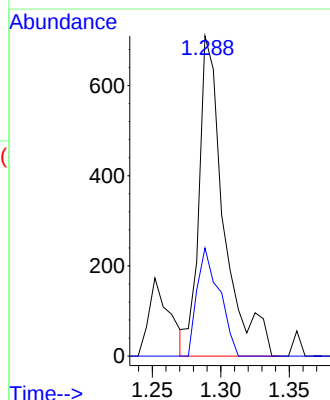
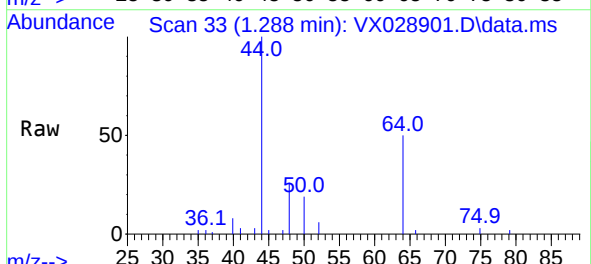
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517

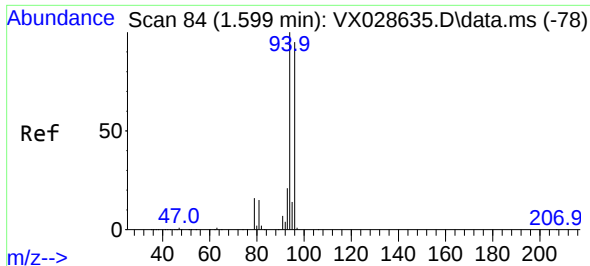
Tgt Ion:168 Resp: 354104
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Tgt Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

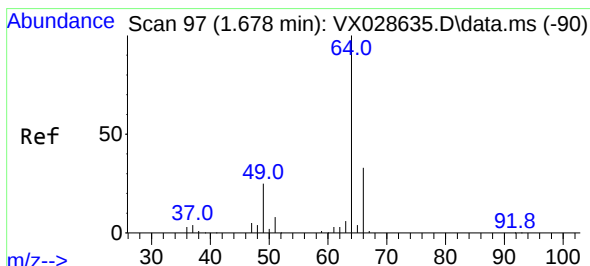
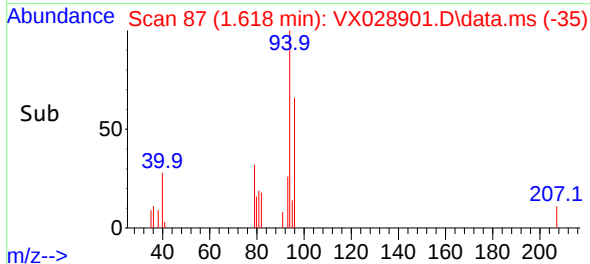
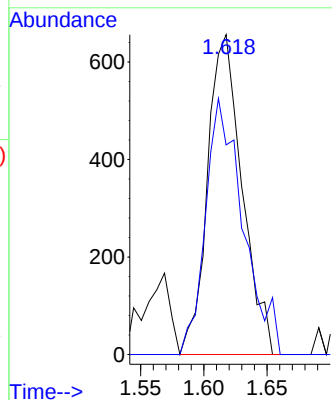
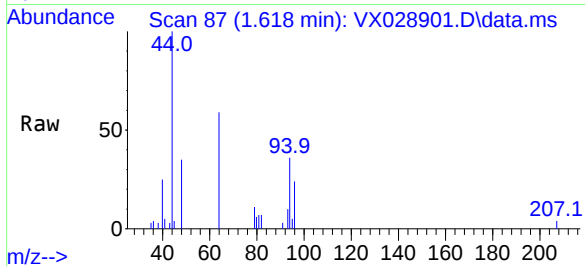




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

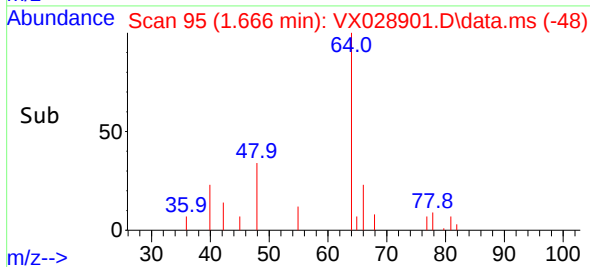
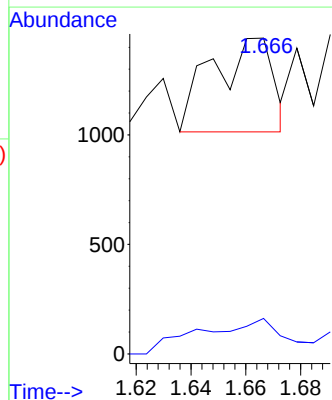
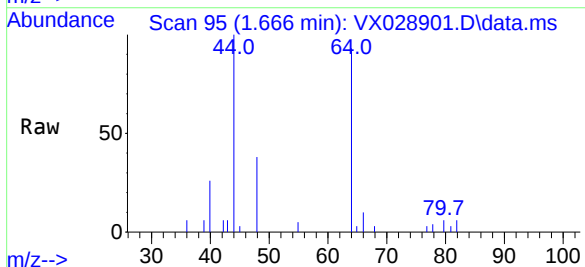
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517

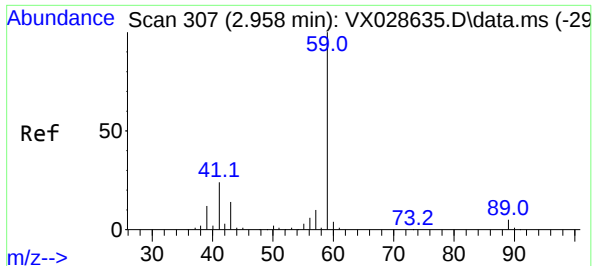
Tgt Ion: 94 Resp: 1247
Ion Ratio Lower Upper
94 100
96 65.5 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Tgt Ion: 64 Resp: 664
Ion Ratio Lower Upper
64 100
66 18.9 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028901.D

Acq: 23 May 2022 17:56

Instrument :

MSVOA_X

ClientSampleId :

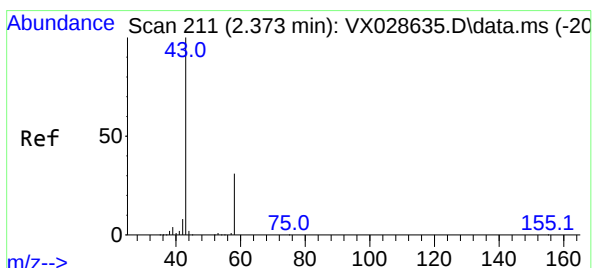
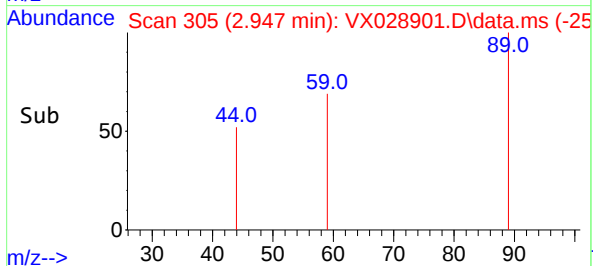
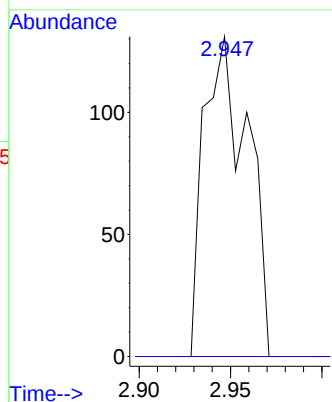
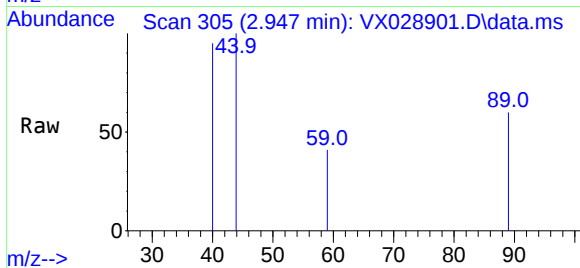
RW8-MW01D2-20220517

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.674 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028901.D

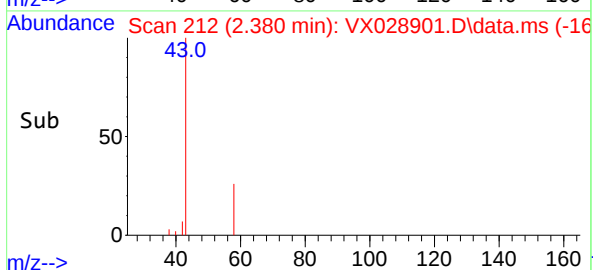
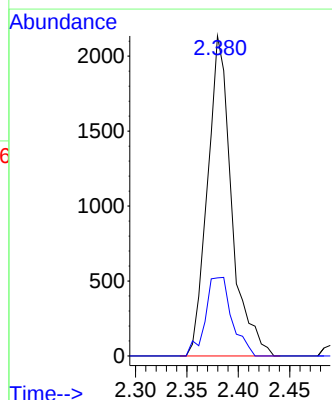
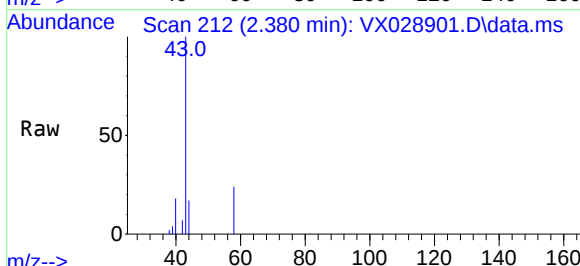
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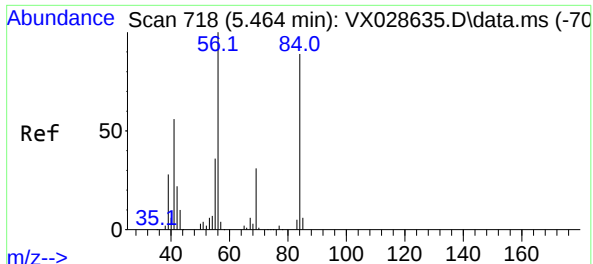
Tgt Ion: 43 Resp: 3488

Ion Ratio Lower Upper

43 100

58 24.4 28.8 43.2#

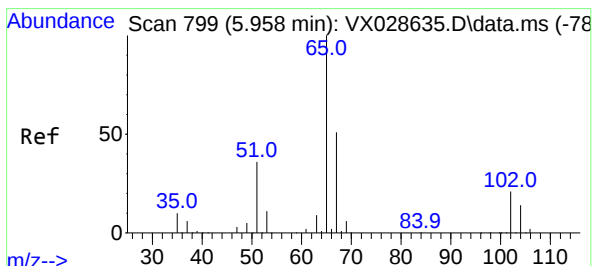
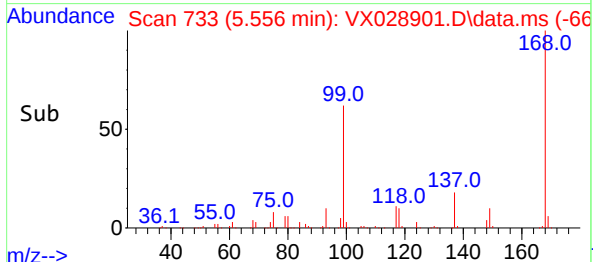
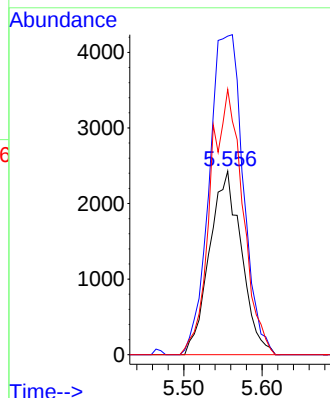
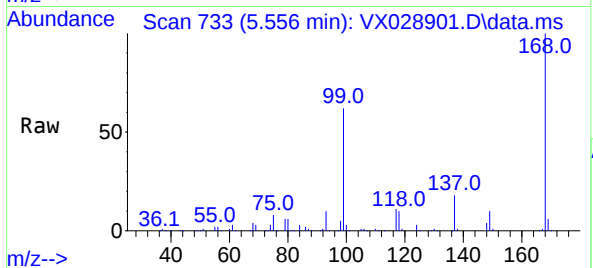




#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

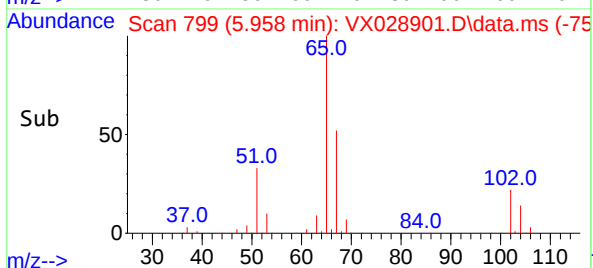
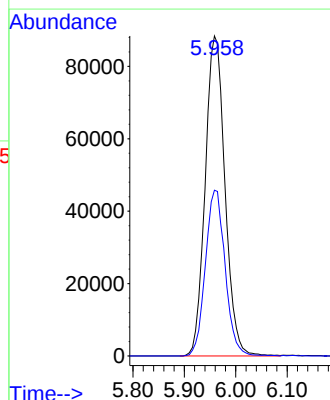
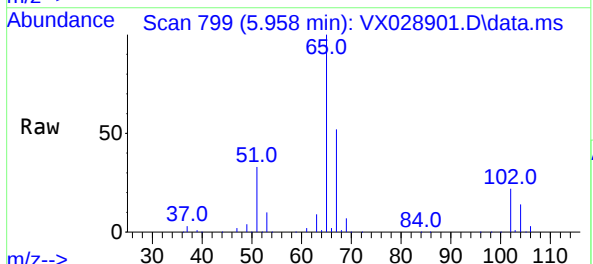
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517

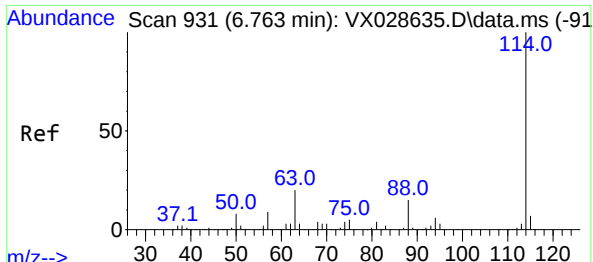
Tgt Ion: 56 Resp: 6868
Ion Ratio Lower Upper
56 100
69 173.5 26.7 40.1#
84 144.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Tgt Ion: 65 Resp: 236640
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

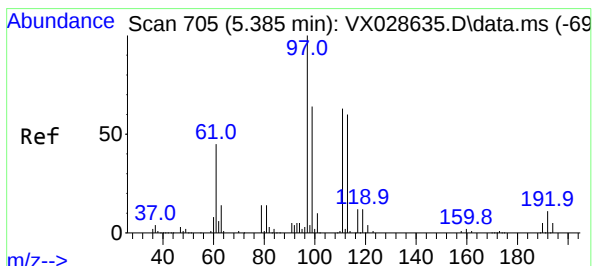
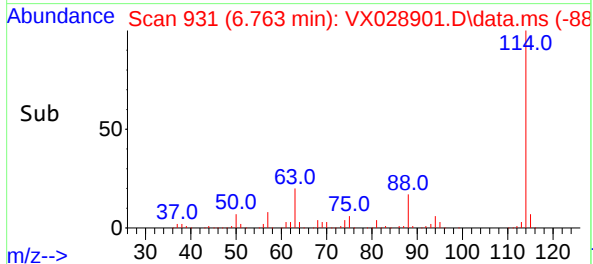
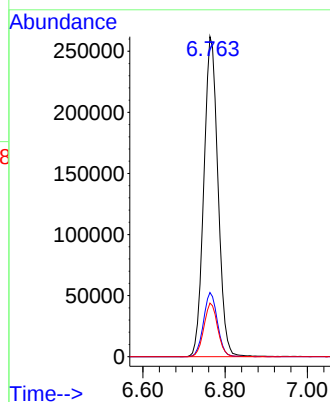
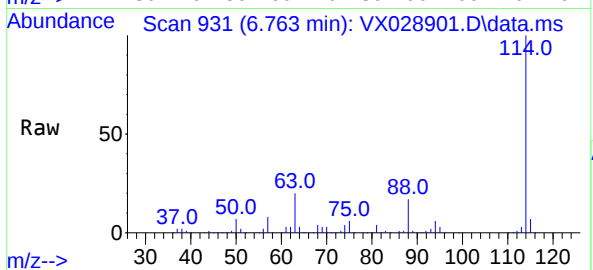




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

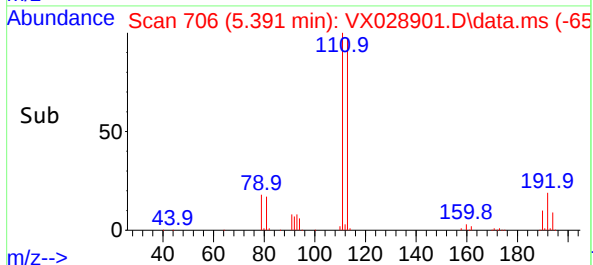
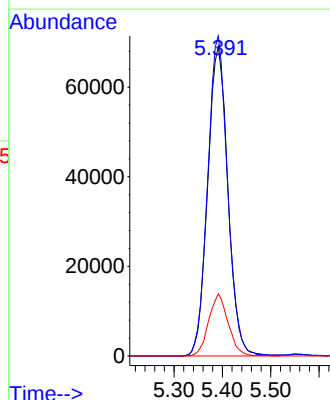
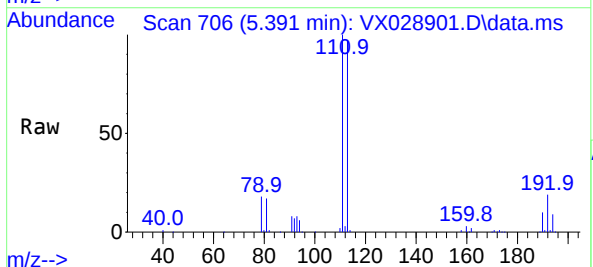
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ClientSampleId :
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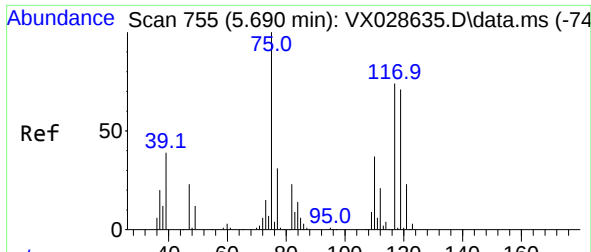
Tgt Ion:114 Resp: 623917
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.193 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Tgt Ion:113 Resp: 201091
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.501 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028901.D

Acq: 23 May 2022 17:56

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20220517

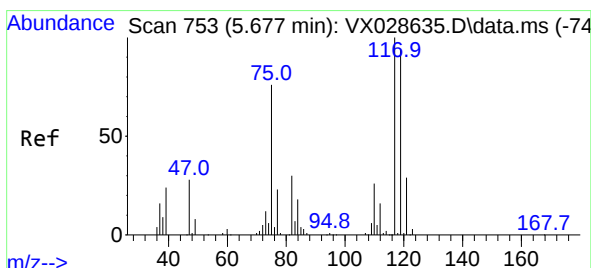
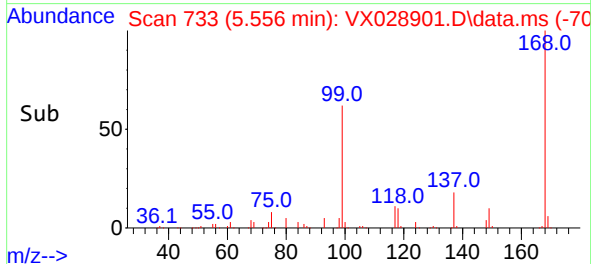
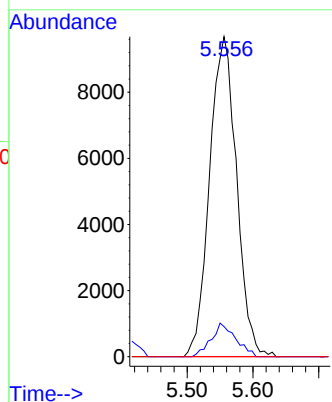
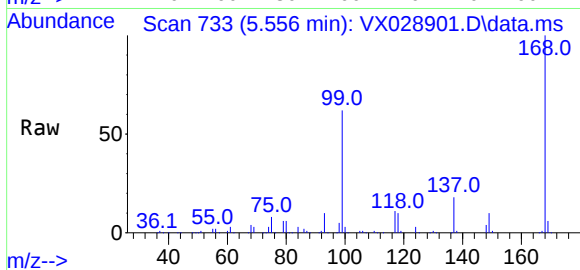
Tgt Ion: 75 Resp: 27638

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028901.D

Acq: 23 May 2022 17:56

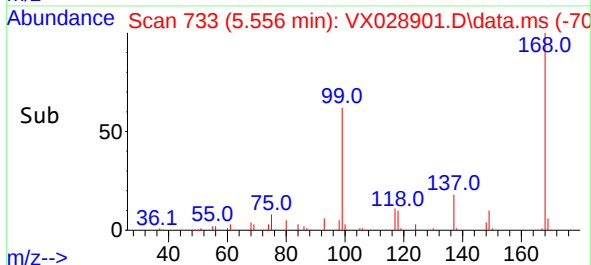
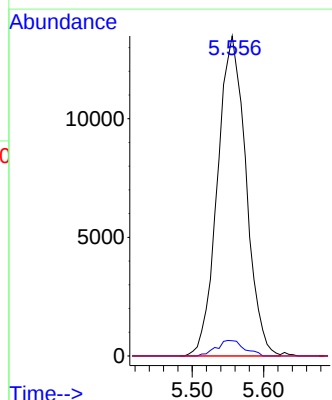
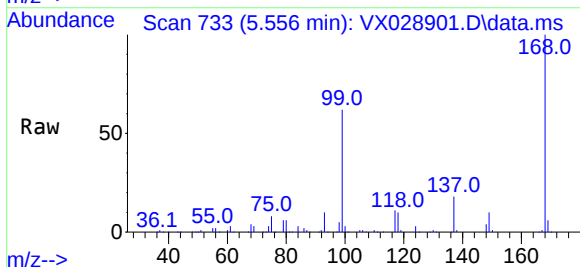
Tgt Ion: 117 Resp: 37311

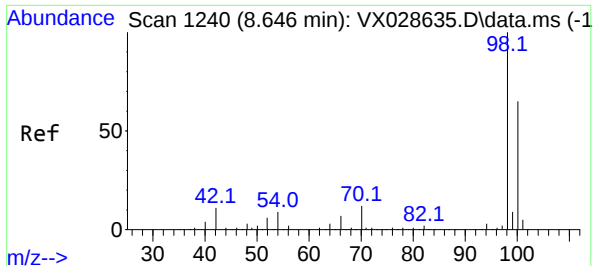
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 47.929 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028901.D

Acq: 23 May 2022 17:56

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ClientSampleId :

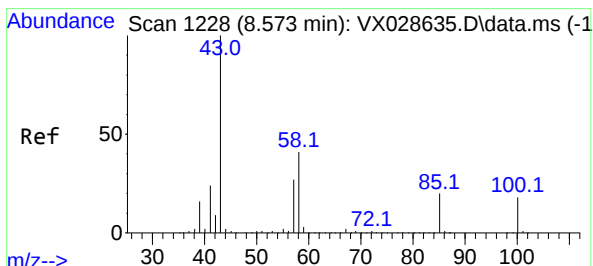
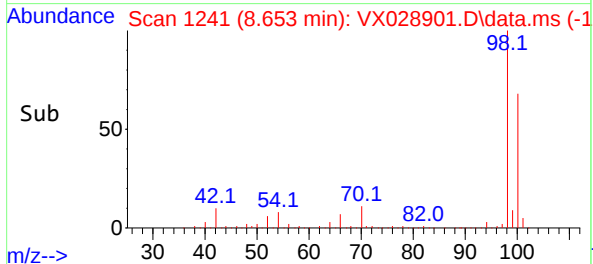
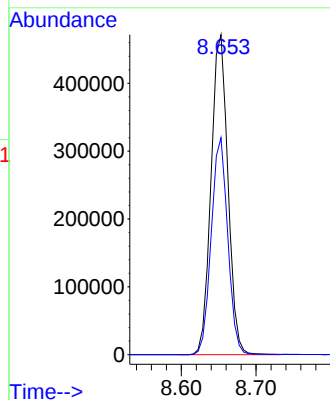
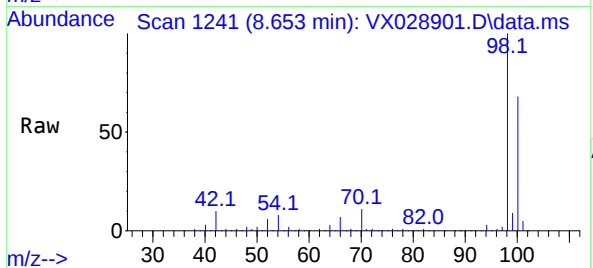
RW8-MW01D2-20220517

Tgt Ion: 98 Resp: 738673

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.445 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX028901.D

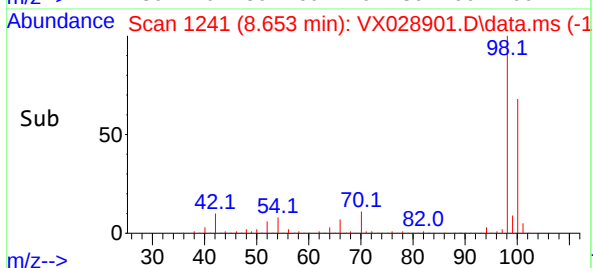
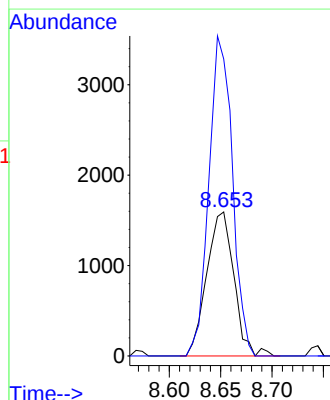
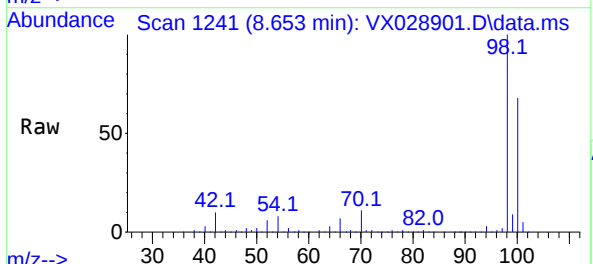
Acq: 23 May 2022 17:56

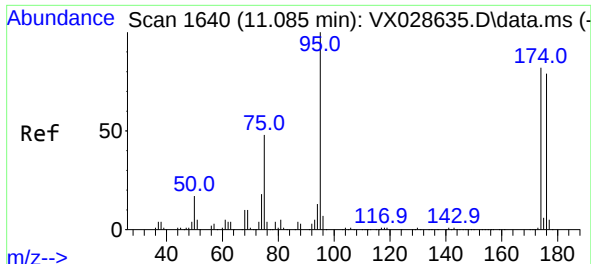
Tgt Ion: 43 Resp: 2939

Ion Ratio Lower Upper

43 100

58 191.8 36.1 54.1#

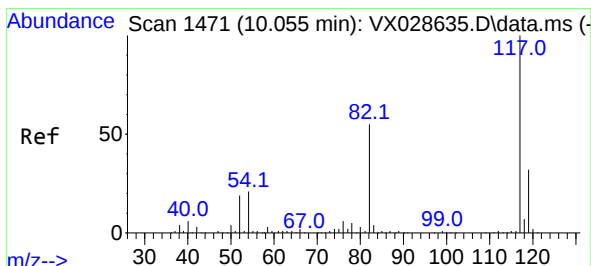
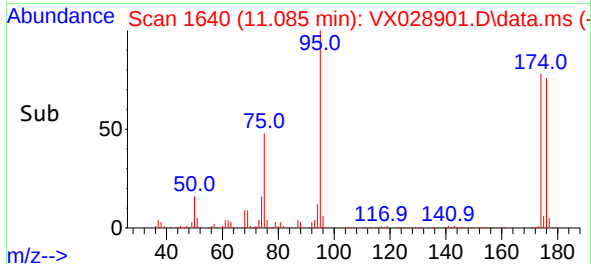
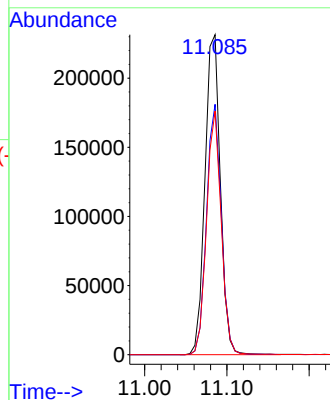
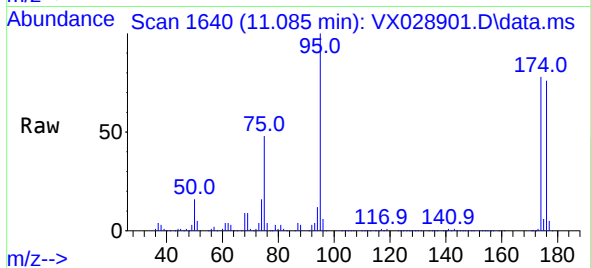




#62
4-Bromofluorobenzene
Concen: 52.252 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

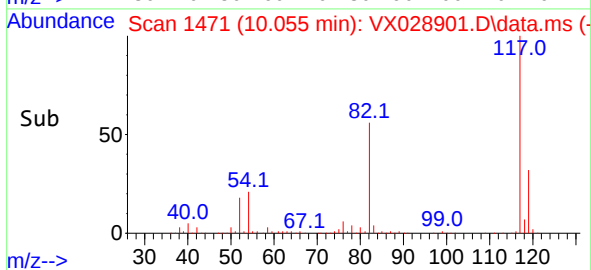
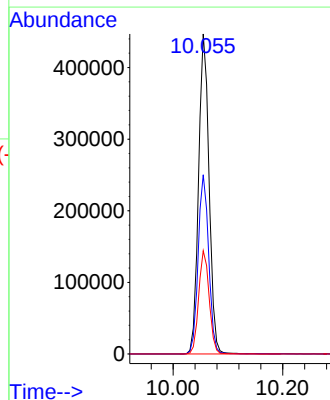
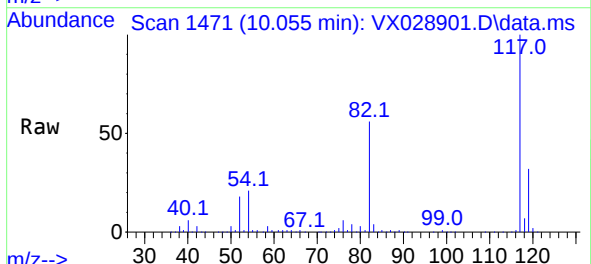
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517

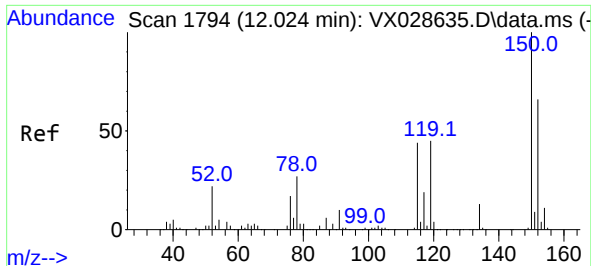
Tgt Ion: 95 Resp: 300786
Ion Ratio Lower Upper
95 100
174 75.2 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Tgt Ion: 117 Resp: 597513
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.2 24.8 37.2

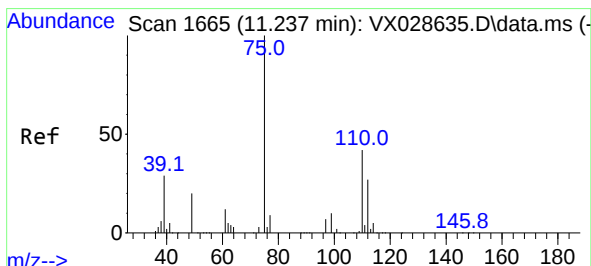
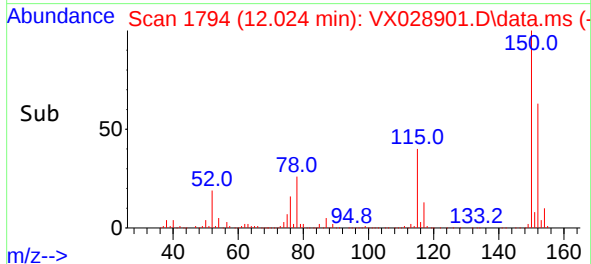
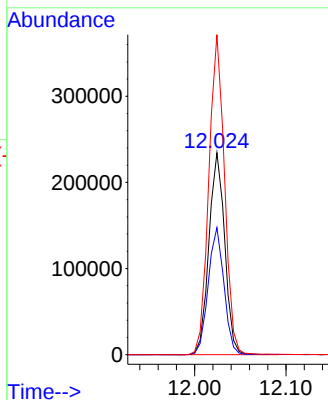
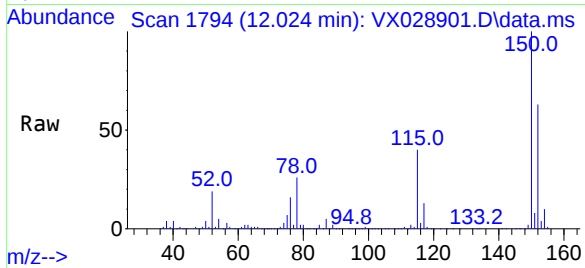




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

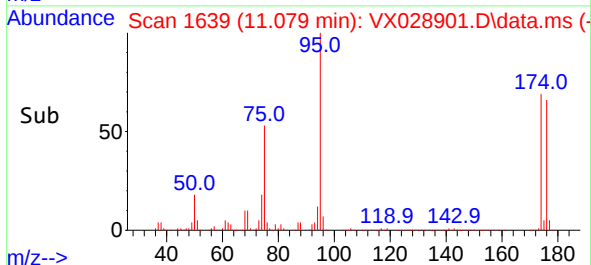
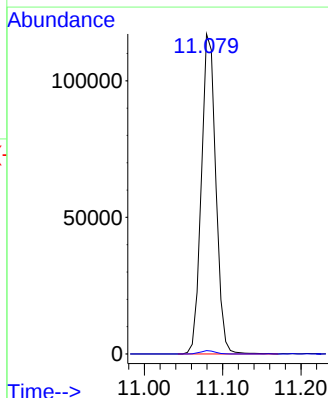
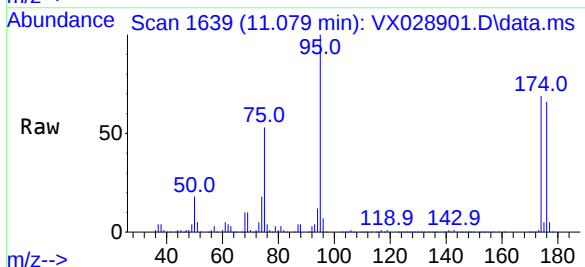
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517

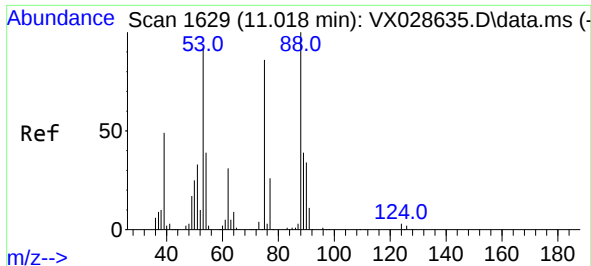
Tgt Ion:152 Resp: 281155
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

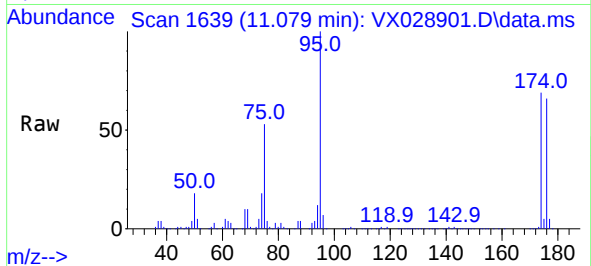
Tgt Ion: 75 Resp: 150470
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.768 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX028901.D
Acq: 23 May 2022 17:56

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220517



Tgt Ion: 75 Resp: 150470
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

