

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028903.D
 Acq On : 23 May 2022 18:43
 Operator : JC/MD
 Sample : N2958-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220517

Quant Time: May 24 05:36:01 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)

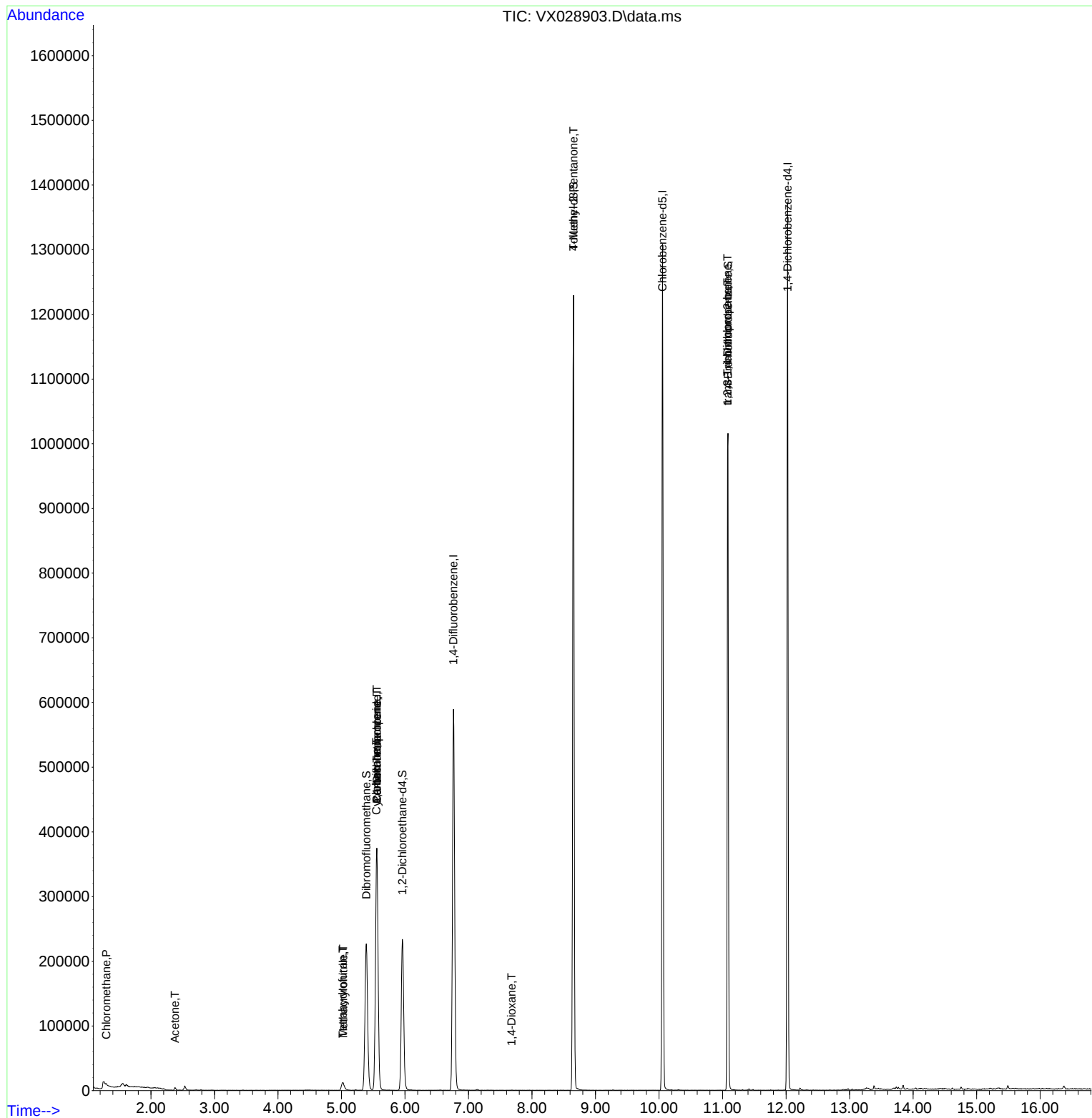
Internal Standards						
1) Pentafluorobenzene	5.556	168	353174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	615736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	583724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235095	48.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	5.391	113	201214	49.877	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.760%		
50) Toluene-d8	8.653	98	729568	47.967	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.940%		
62) 4-Bromofluorobenzene	11.085	95	290728	51.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.360%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1238	0.284	ug/l	99
5) Bromomethane	1.611	94	1150	Below Cal		84
6) Chloroethane	1.739	64	751	Below Cal	#	48
11) Tert butyl alcohol	2.971	59	89	Below Cal	#	72
16) Acetone	2.380	43	3978	1.915	ug/l	94
29) Tetrahydrofuran	5.019	42	11508	5.429	ug/l	98
31) Cyclohexane	5.550	56	6912	1.029	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	27320	4.509	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	37082	6.081	ug/l	# 15
41) Methacrylonitrile	5.025	41	7019	2.068	ug/l	# 37
49) 1,4-Dioxane	7.677	88	192	1.607	ug/l	# 75
51) 4-Methyl-2-Pentanone	8.653	43	2919	0.448	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	145496	22.907	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	145496	66.919	ug/l	# 15

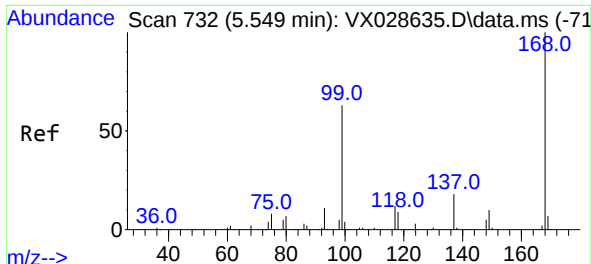
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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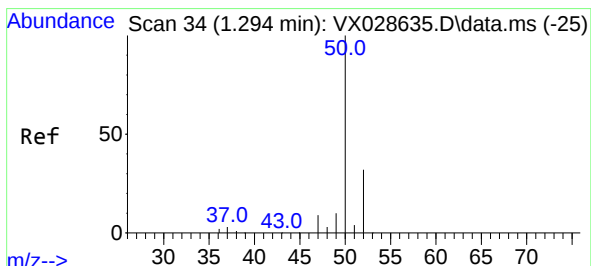
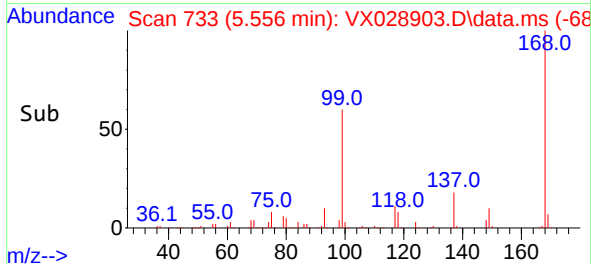
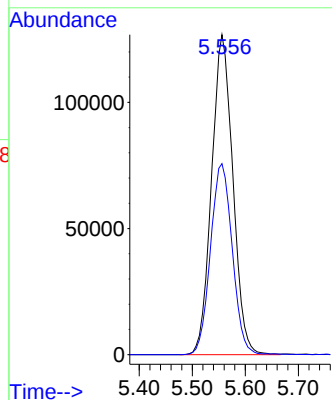
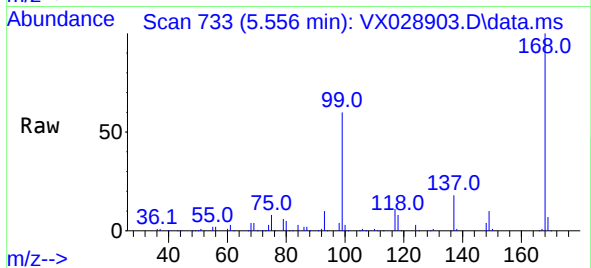




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

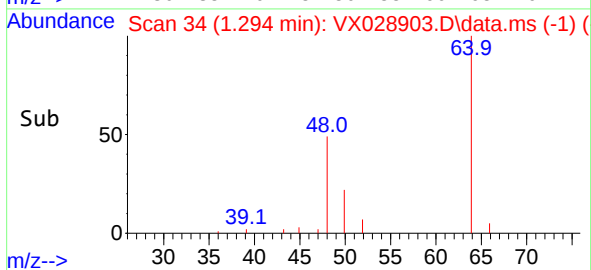
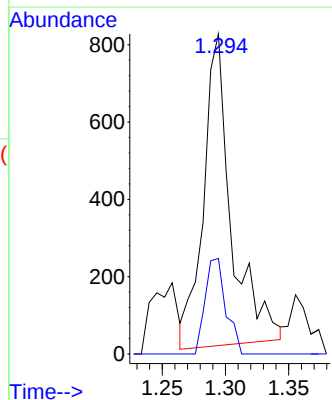
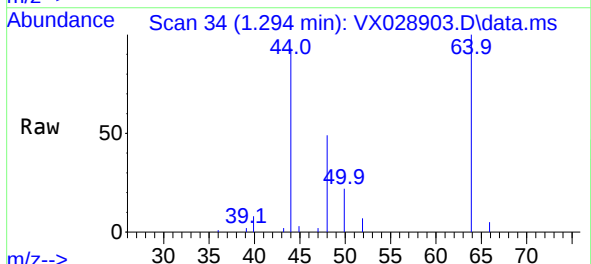
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220517

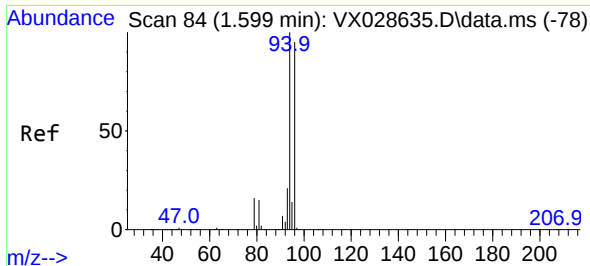
Tgt Ion:168 Resp: 353174
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Tgt Ion: 50 Resp: 1238
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

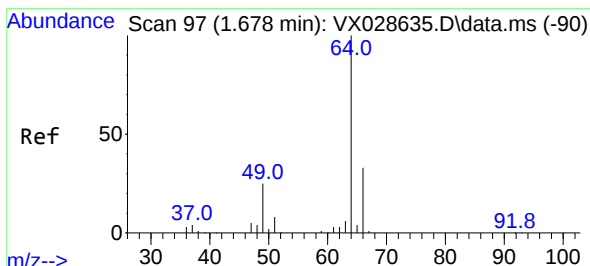
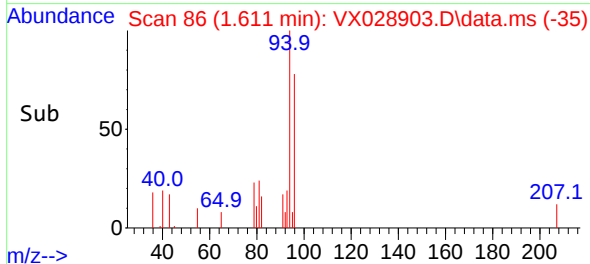
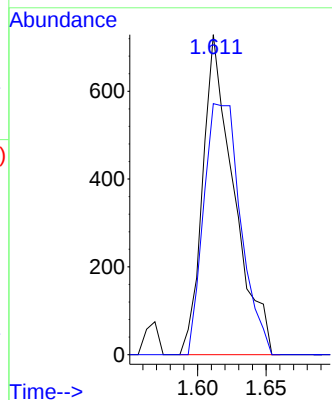
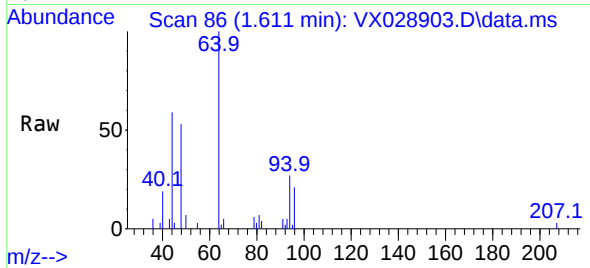




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

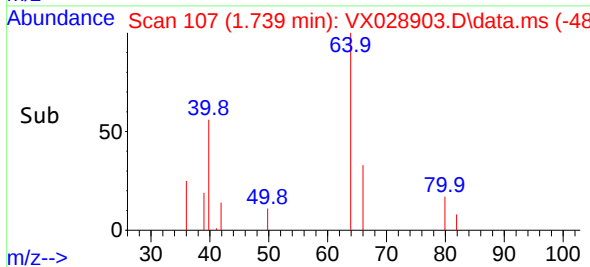
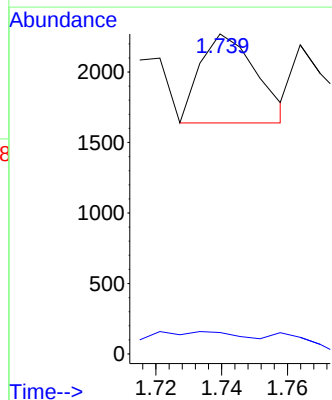
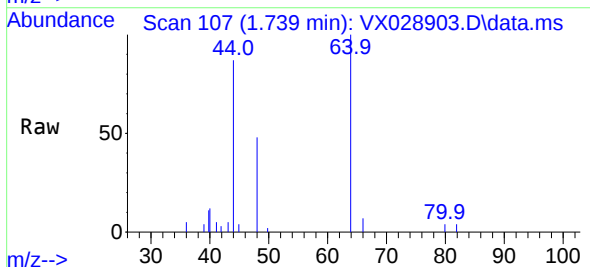
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220517

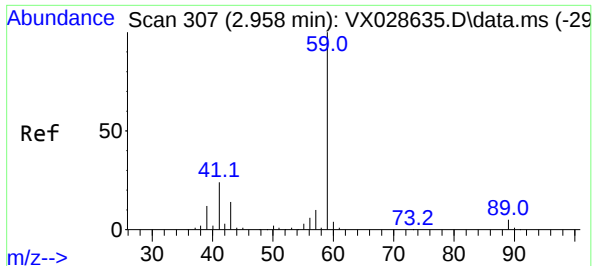
Tgt Ion: 94 Resp: 1150
Ion Ratio Lower Upper
94 100
96 78.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.739 min Scan# 107
Delta R.T. 0.061 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Tgt Ion: 64 Resp: 751
Ion Ratio Lower Upper
64 100
66 2.5 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 30

Delta R.T. 0.013 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

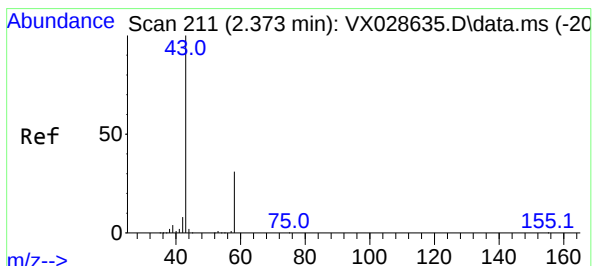
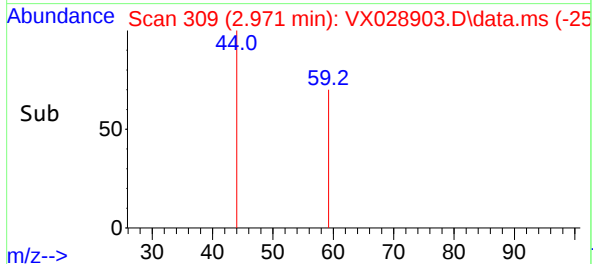
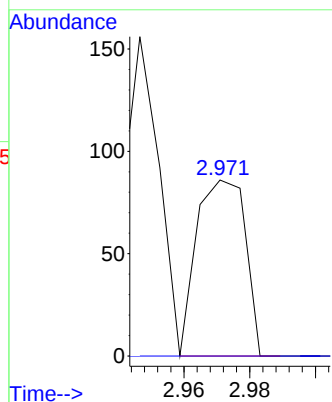
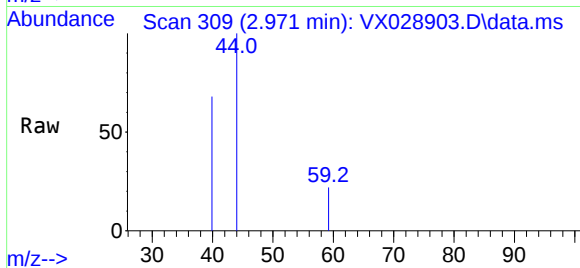
RW8-MW01S-20220517

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.915 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028903.D

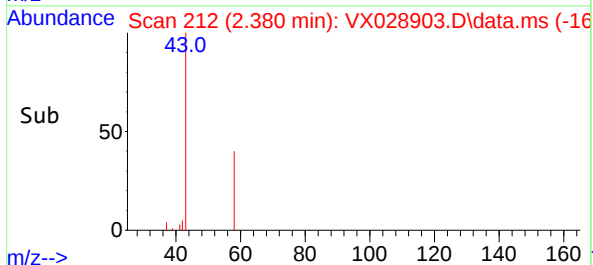
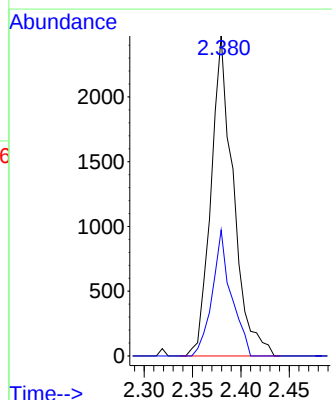
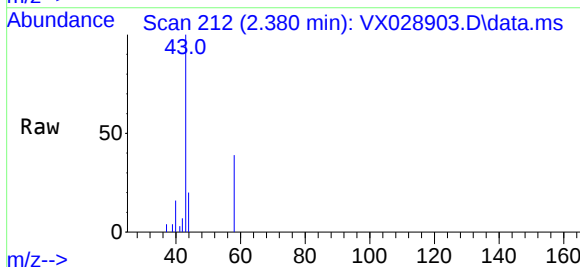
Acq: 23 May 2022 18:43

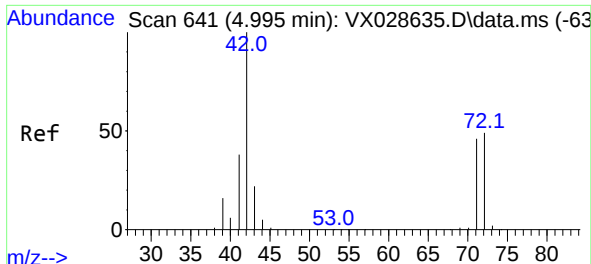
Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

58 39.4 28.8 43.2





#29

Tetrahydrofuran

Concen: 5.429 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20220517

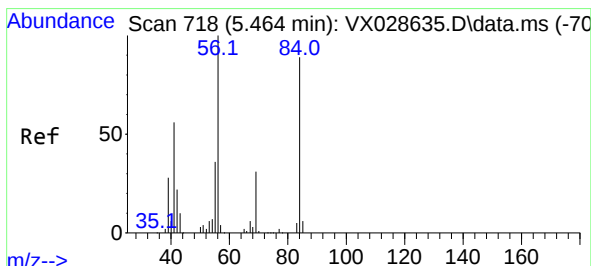
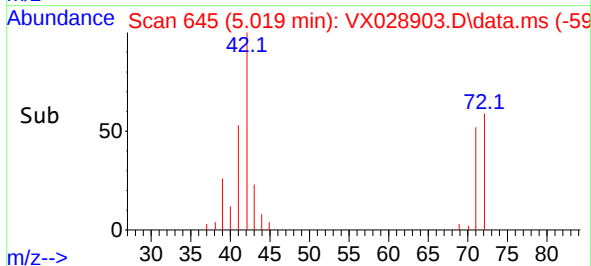
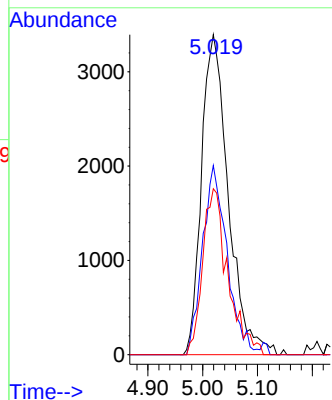
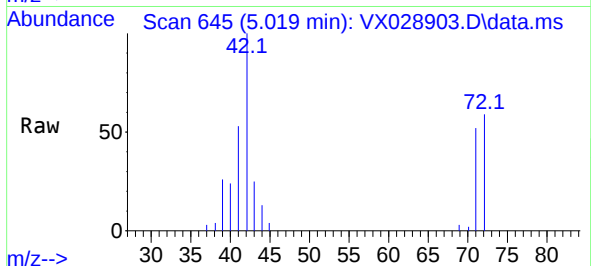
Tgt Ion: 42 Resp: 11508

Ion Ratio Lower Upper

42 100

72 53.8 44.1 66.1

71 48.6 40.5 60.7



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

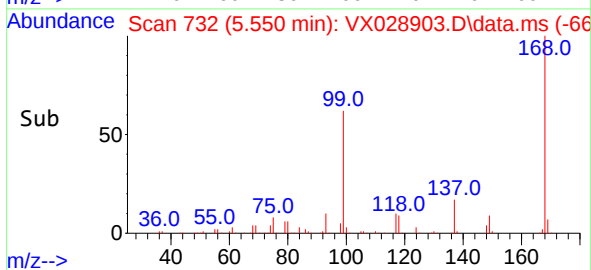
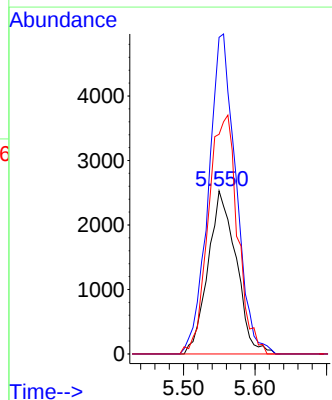
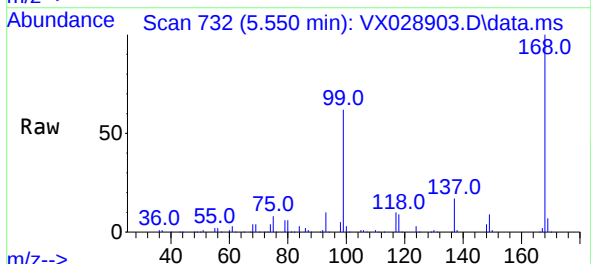
Tgt Ion: 56 Resp: 6912

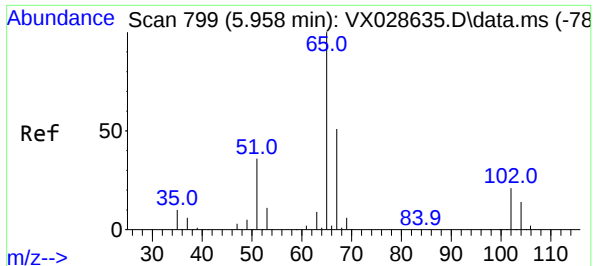
Ion Ratio Lower Upper

56 100

69 194.2 26.7 40.1#

84 134.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.561 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

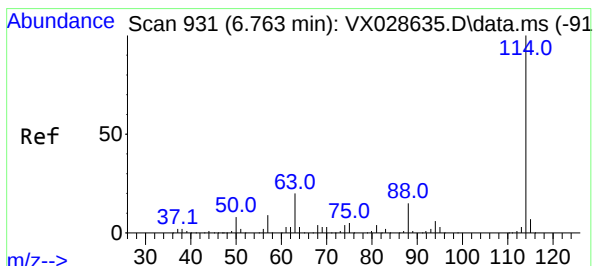
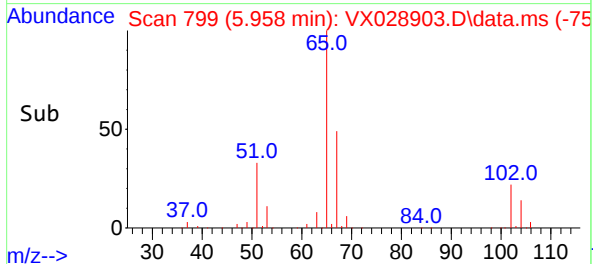
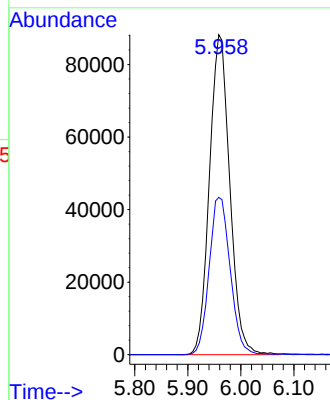
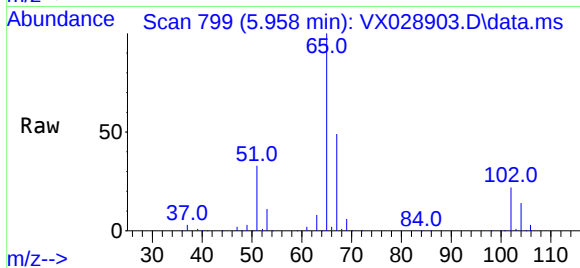
RW8-MW01S-20220517

Tgt Ion: 65 Resp: 235095

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

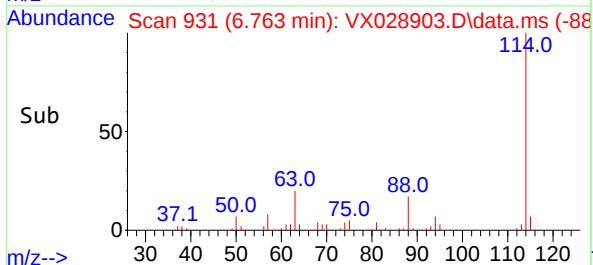
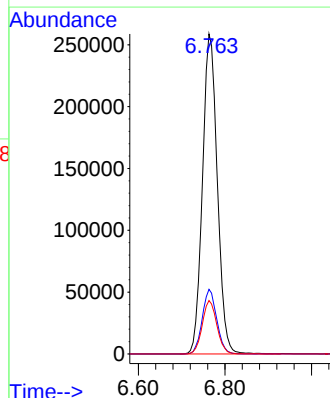
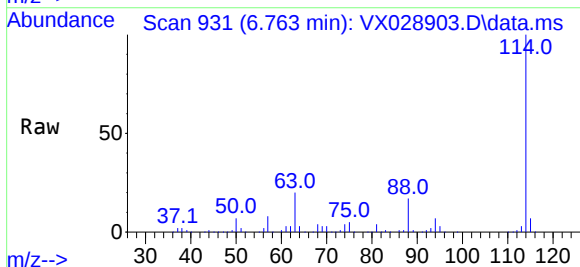
Tgt Ion: 114 Resp: 615736

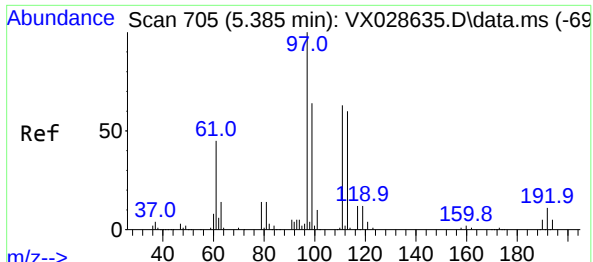
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.7 0.0 32.4

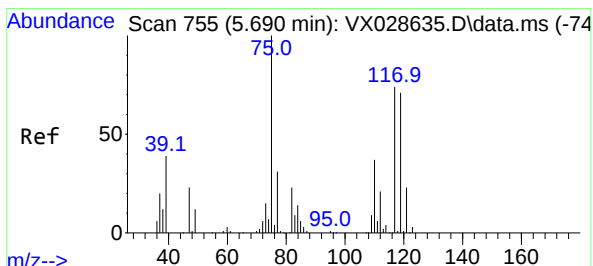
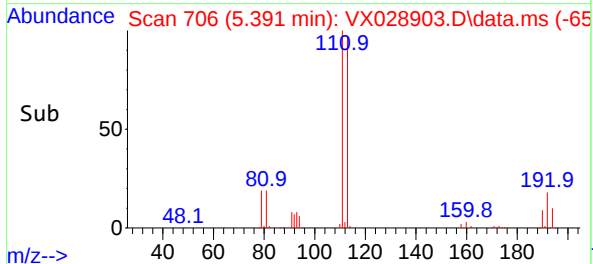
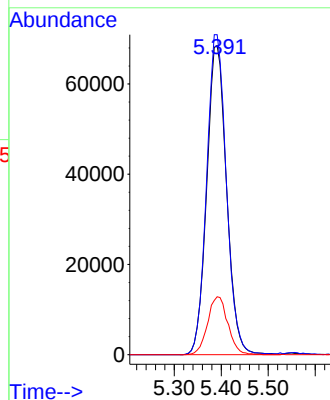
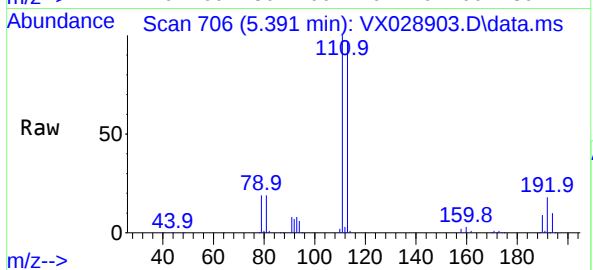




#35
Dibromofluoromethane
Concen: 49.877 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

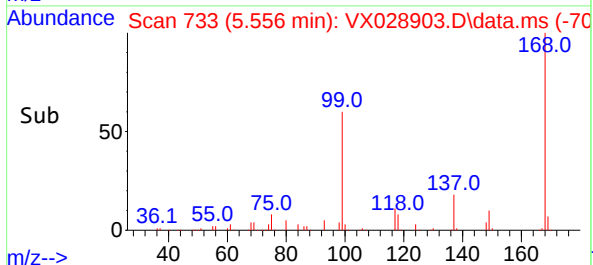
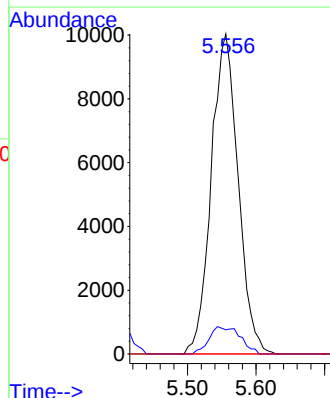
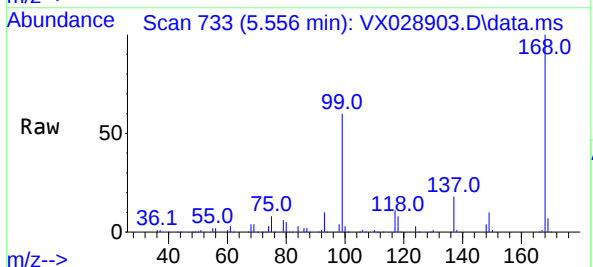
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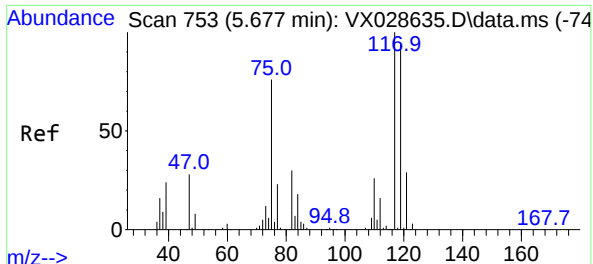
Tgt Ion:113 Resp: 201214
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

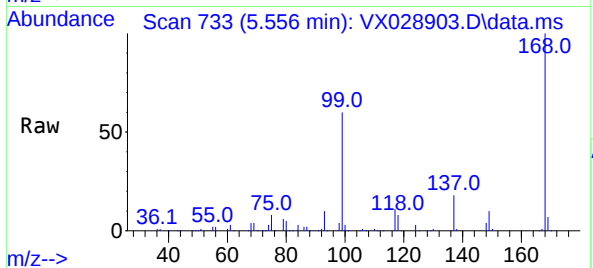
Tgt Ion: 75 Resp: 27320
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



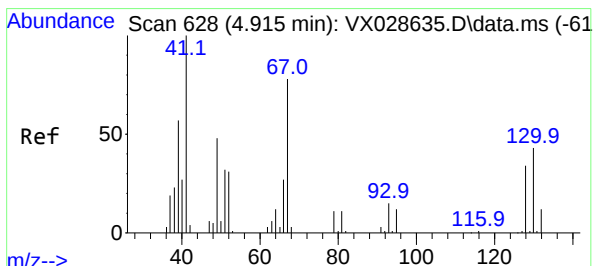
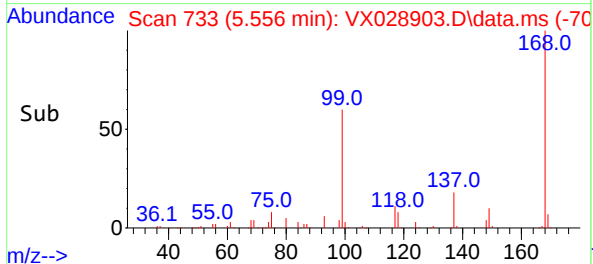
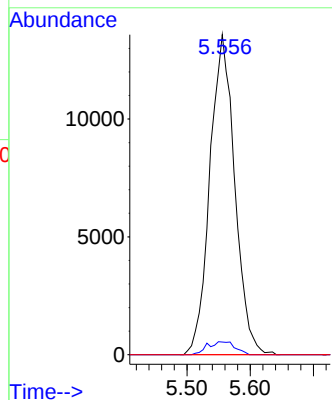


#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220517

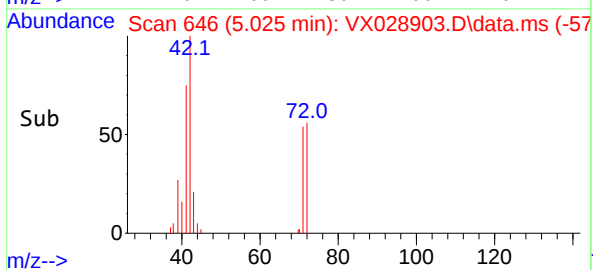
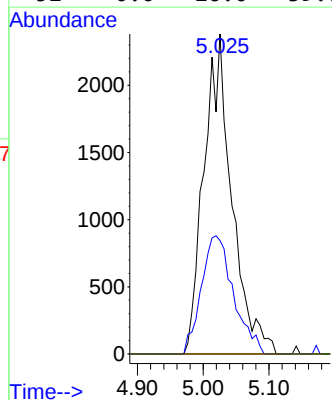
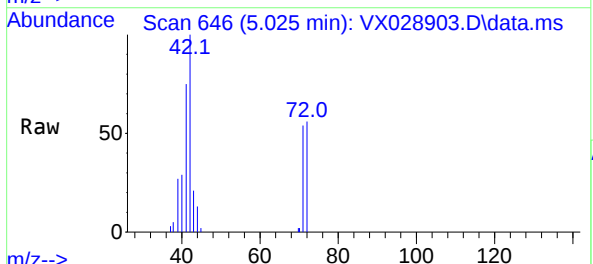


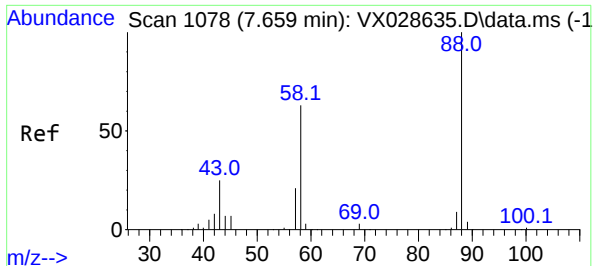
Tgt Ion:117 Resp: 37082
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 2.068 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.110 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Tgt Ion: 41 Resp: 7019
Ion Ratio Lower Upper
41 100
39 42.6 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#49

1,4-Dioxane

Concen: 1.607 ug/l

RT: 7.677 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20220517

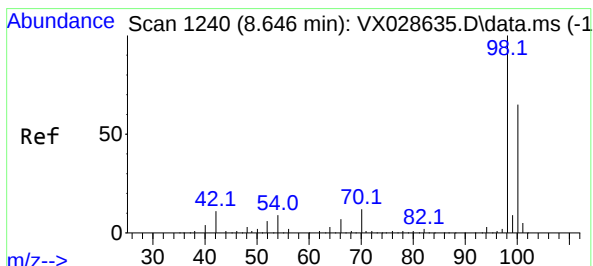
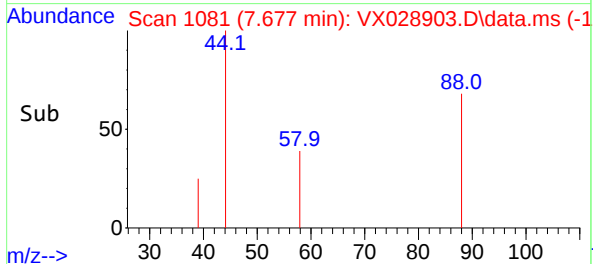
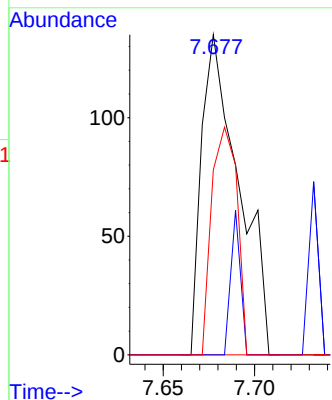
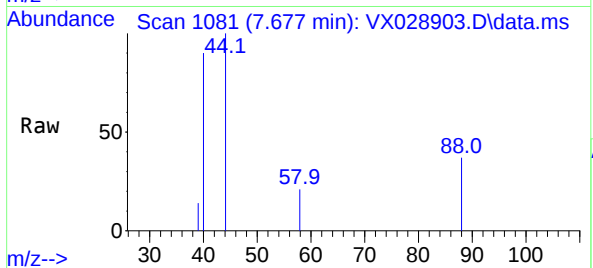
Tgt Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 11.5 21.9 32.9#

58 48.4 53.7 80.5#



#50

Toluene-d8

Concen: 47.967 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028903.D

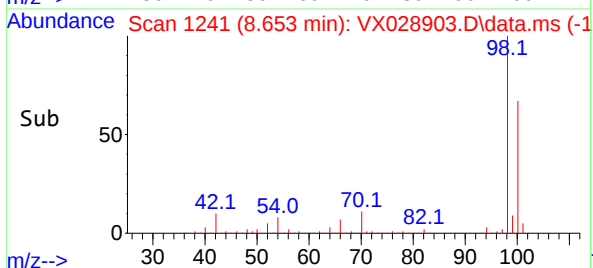
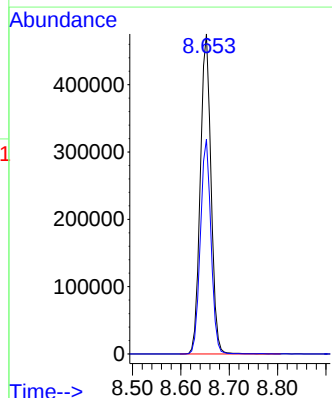
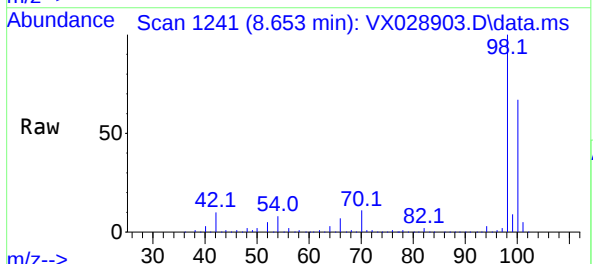
Acq: 23 May 2022 18:43

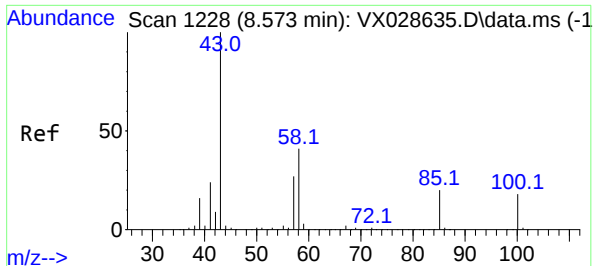
Tgt Ion: 98 Resp: 729568

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.448 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.080 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

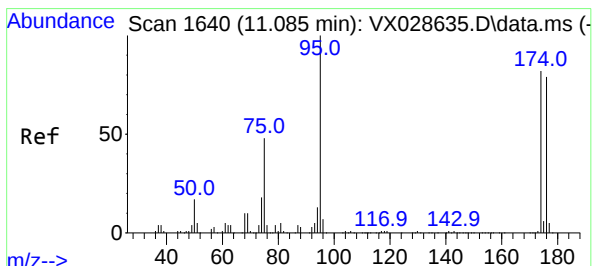
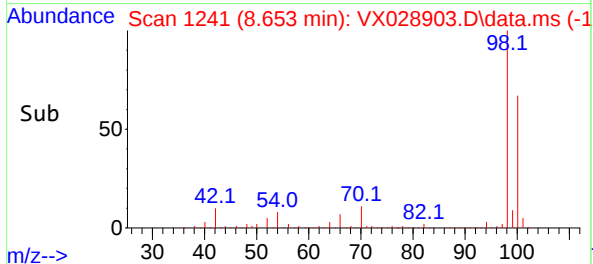
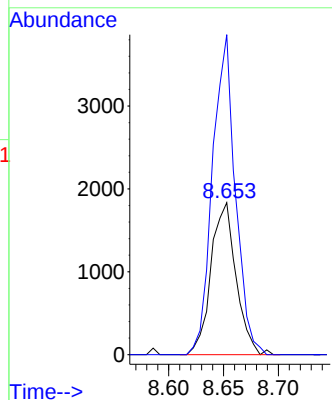
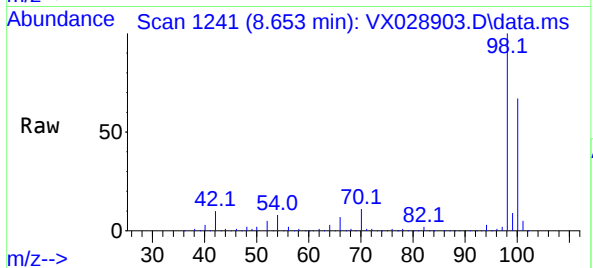
RW8-MW01S-20220517

Tgt Ion: 43 Resp: 2919

Ion Ratio Lower Upper

43 100

58 192.2 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.176 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028903.D

Acq: 23 May 2022 18:43

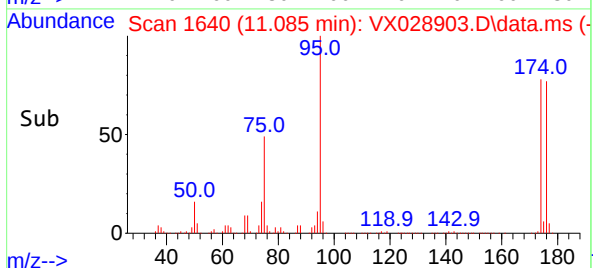
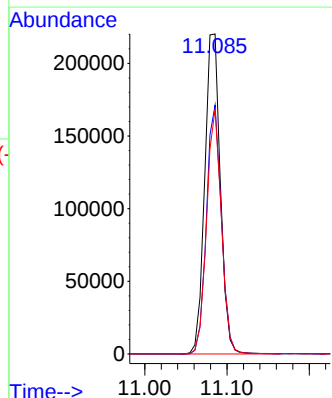
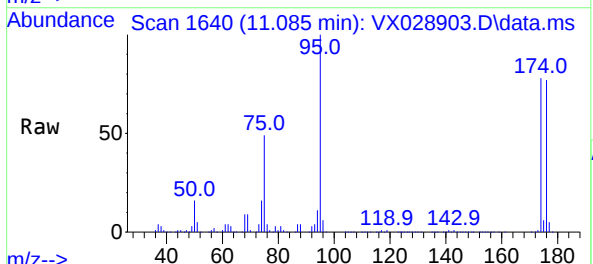
Tgt Ion: 95 Resp: 290728

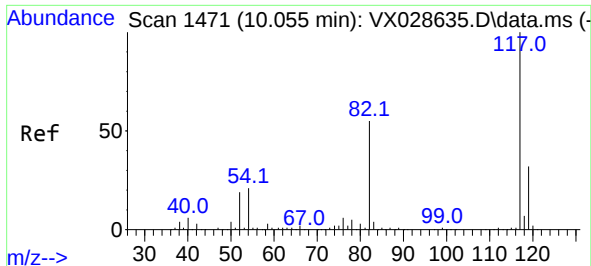
Ion Ratio Lower Upper

95 100

174 74.4 0.0 163.0

176 72.3 0.0 155.0

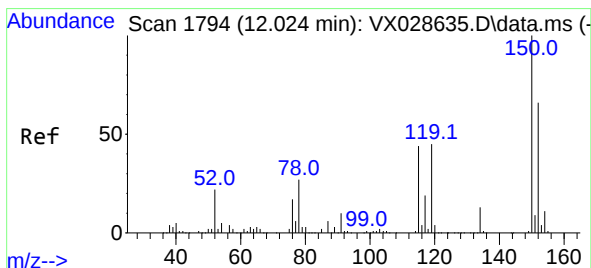
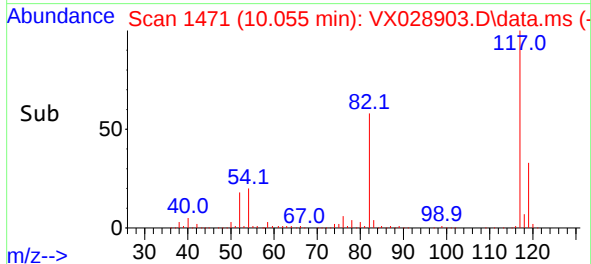
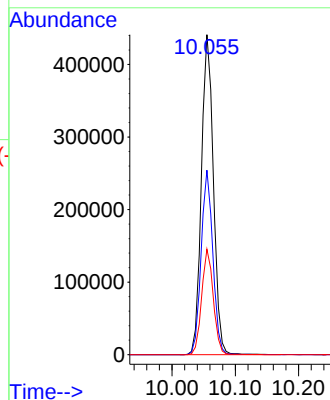
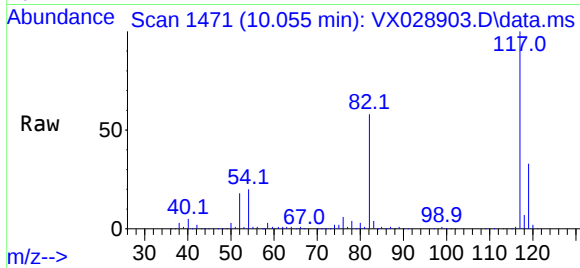




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

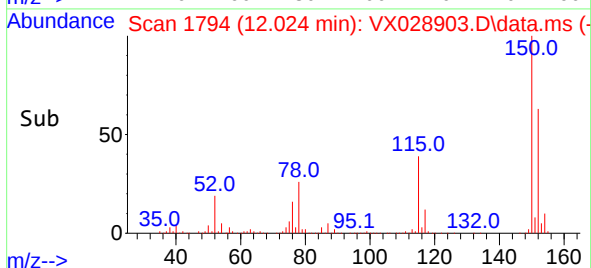
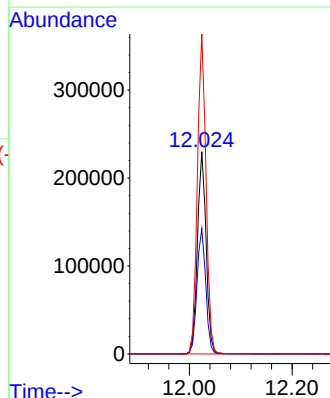
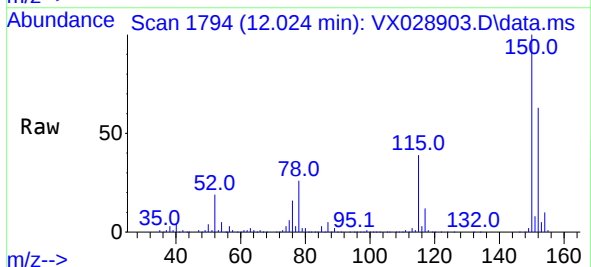
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220517

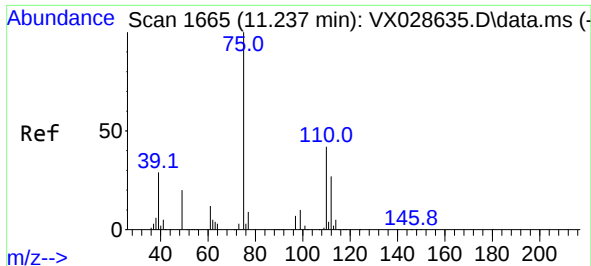
Tgt Ion:117 Resp: 583724
Ion Ratio Lower Upper
117 100
82 57.6 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Tgt Ion:152 Resp: 271211
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 157.3 0.0 338.2

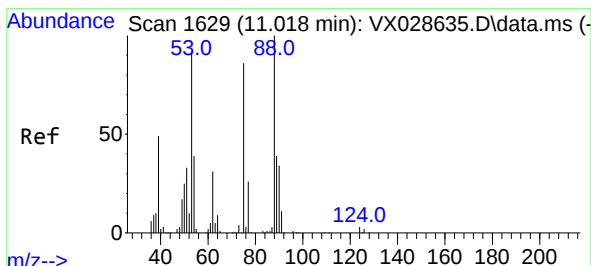
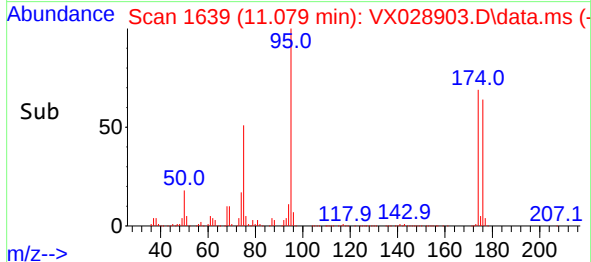
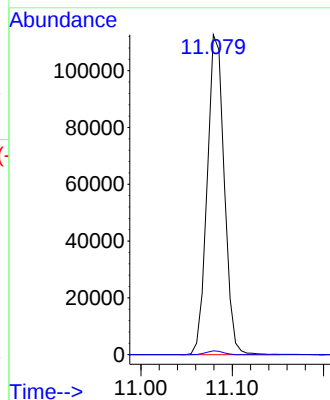
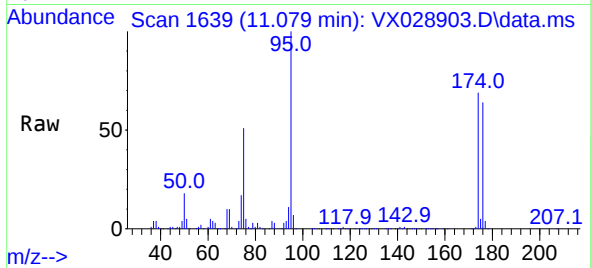




#76
1,2,3-Trichloropropane
Concen: 22.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220517

Tgt Ion: 75 Resp: 145496
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028903.D
Acq: 23 May 2022 18:43

Tgt Ion: 75 Resp: 145496
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

