

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028029.D
 Acq On : 08 Apr 2022 15:58
 Operator : JC/MD
 Sample : N2333-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Quant Time: Apr 11 01:17:47 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)

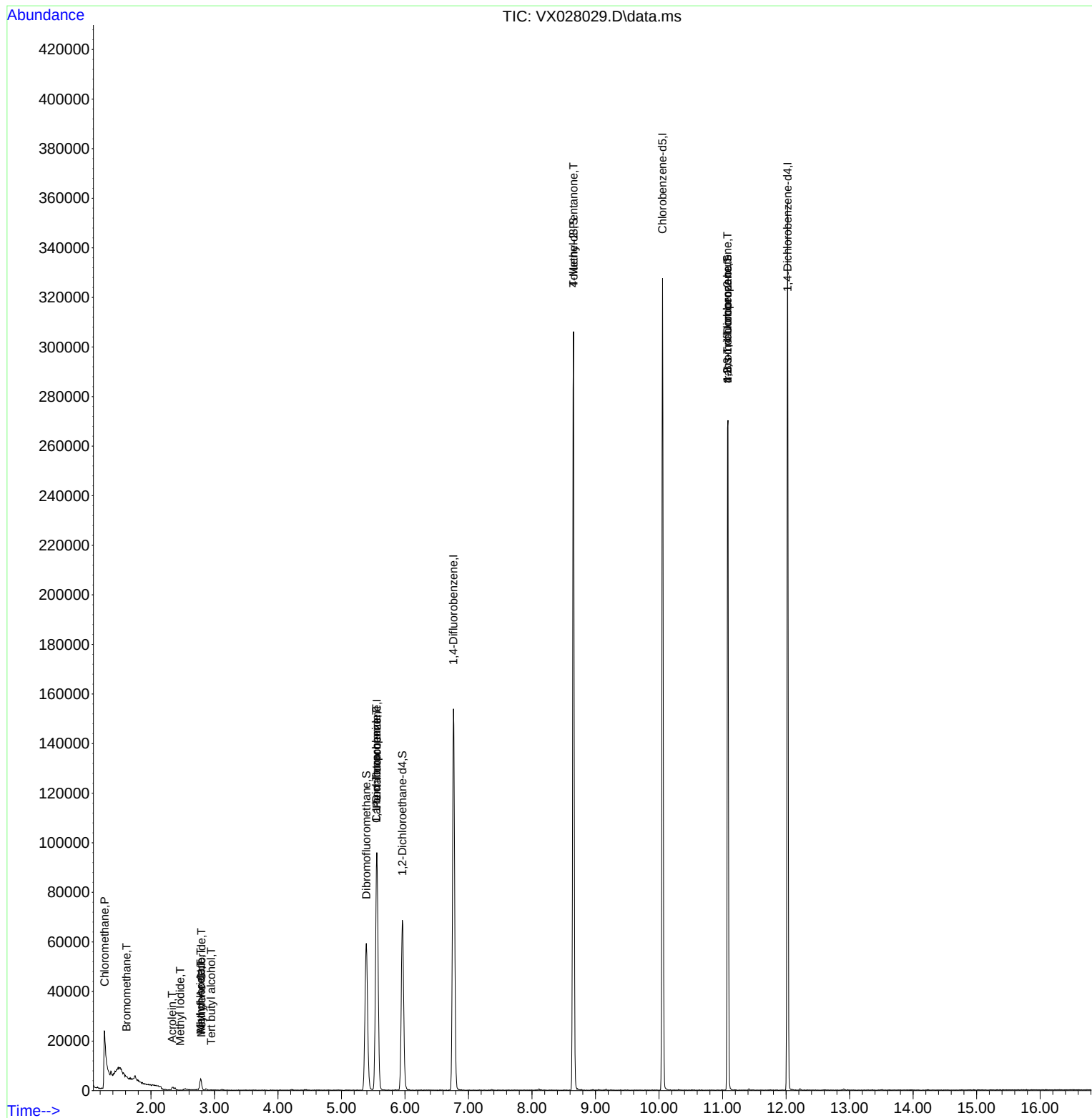
Internal Standards						
1) Pentafluorobenzene	5.556	168	79668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71229	58.897	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.800%			
35) Dibromofluoromethane	5.391	113	49497	51.855	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.700%			
50) Toluene-d8	8.653	98	168601	49.504	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.079	95	73258	50.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.200%			
Target Compounds					Qvalue	
3) Chloromethane	1.270	50	984	2.543	ug/l #	42
5) Bromomethane	1.617	94	130	1.016	ug/l #	67
10) Methyl Iodide	2.459	142	25	6.825	ug/l #	41
11) Tert butyl alcohol	2.946	59	96	0.451	ug/l #	72
13) Acrolein	2.331	56	111	0.570	ug/l #	42
14) Allyl chloride	2.782	41	1487	1.039	ug/l #	69
16) Acetone	2.379	43	921	Below Cal	#	86
17) Carbon Disulfide	2.520	76	431	Below Cal	#	75
18) Methyl Acetate	2.782	43	3054	2.429	ug/l #	46
20) Methylene Chloride	2.794	84	19	2.352	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	7674	5.468	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9370	6.168	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	902	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42216	23.959	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42216	74.634	ug/l #	15

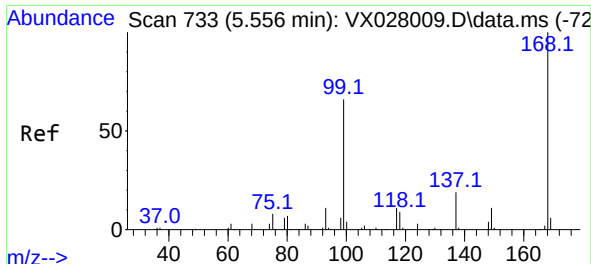
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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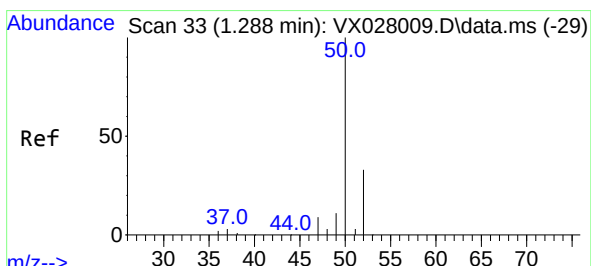
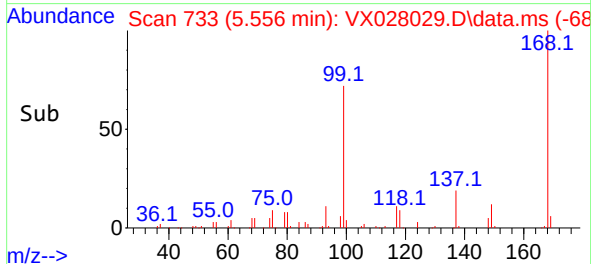
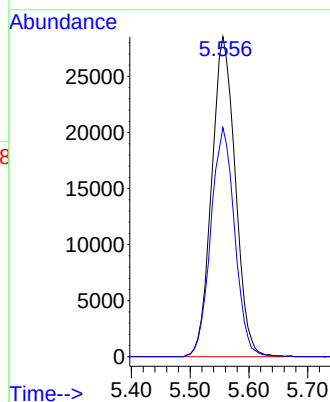
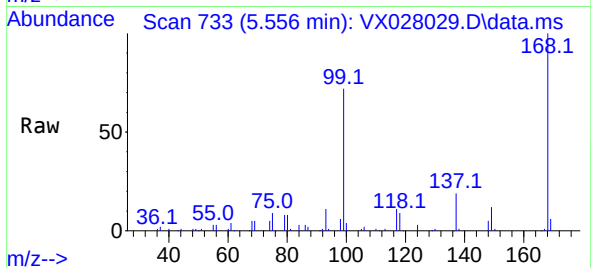




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

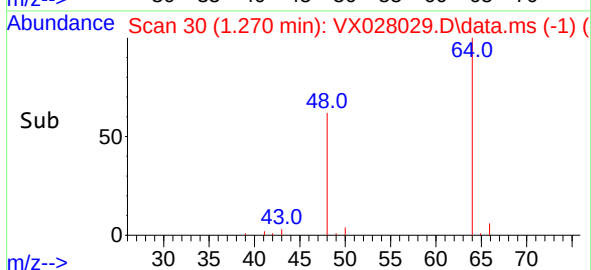
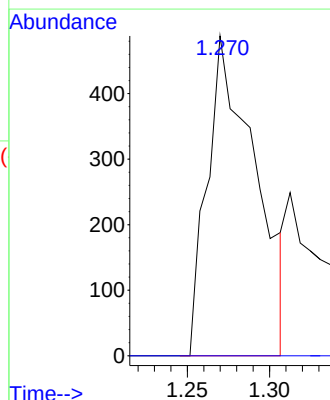
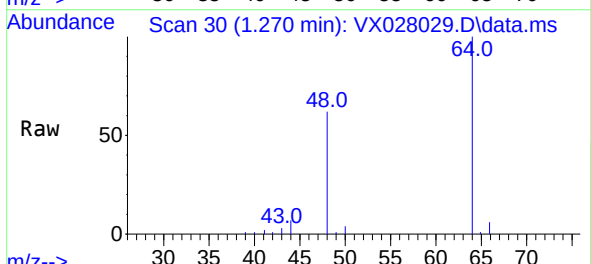
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

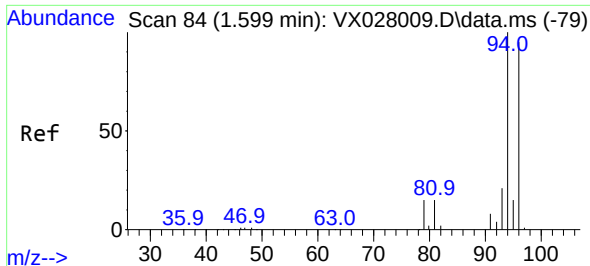
Tgt Ion:168 Resp: 79668
Ion Ratio Lower Upper
168 100
99 71.6 41.7 62.5#



#3
Chloromethane
Concen: 2.543 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 50 Resp: 984
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

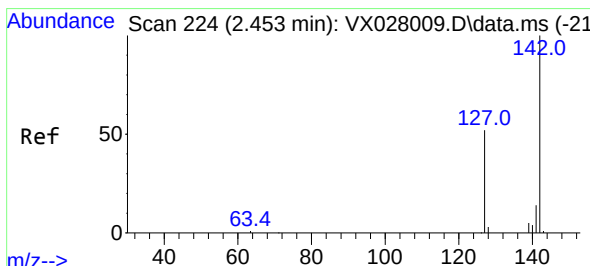
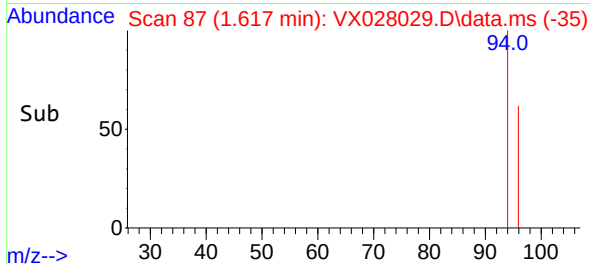
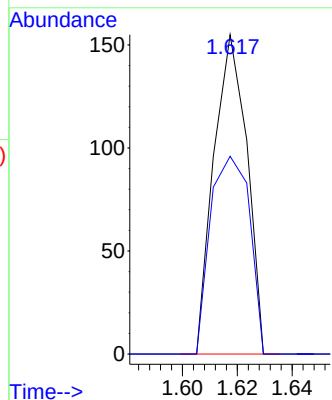
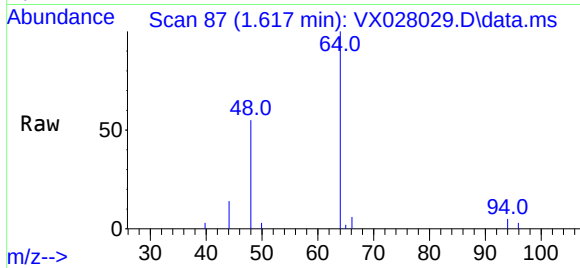




#5
Bromomethane
Concen: 1.016 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

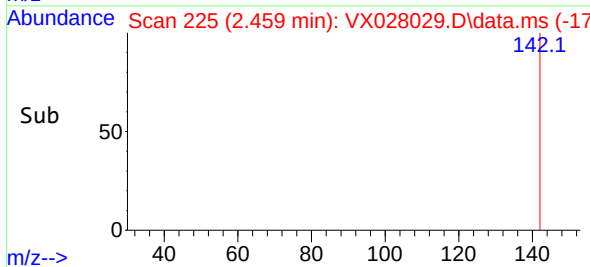
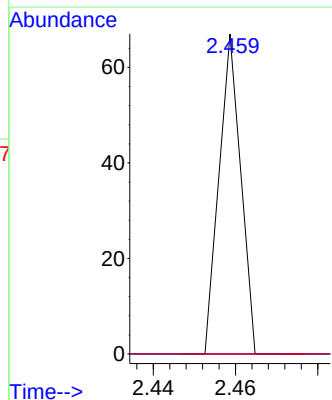
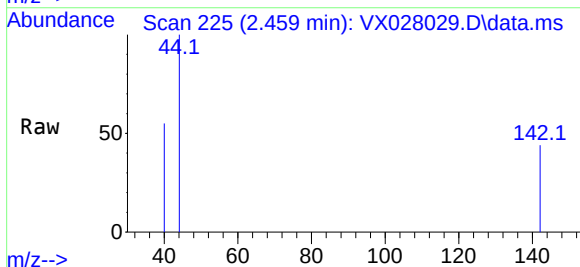
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

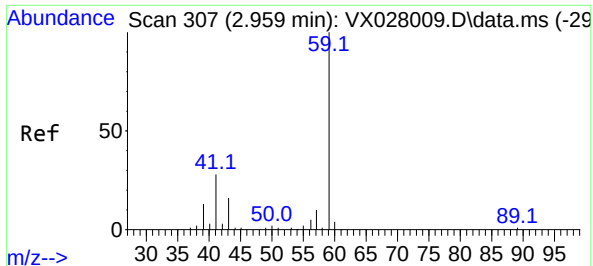
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 61.9 75.3 112.9#



#10
Methyl Iodide
Concen: 6.825 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.451 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.013 min

Lab File: VX028029.D

Acq: 08 Apr 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

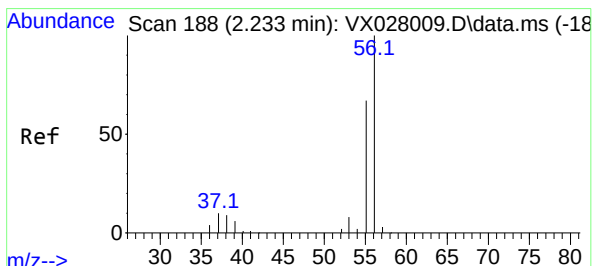
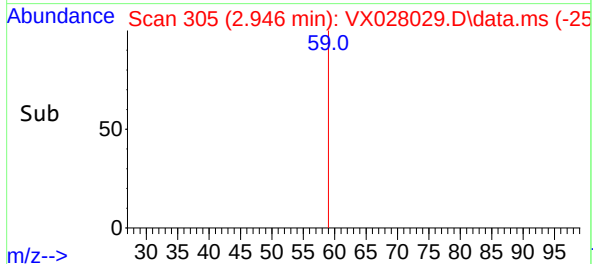
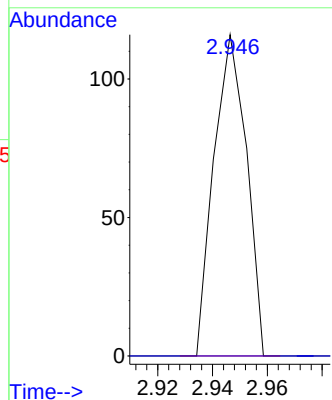
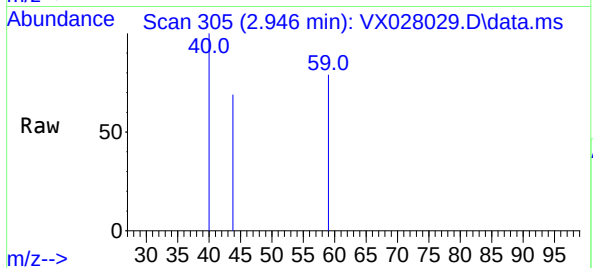
MW-14R

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.570 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.098 min

Lab File: VX028029.D

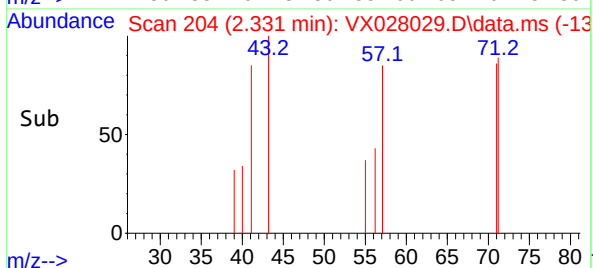
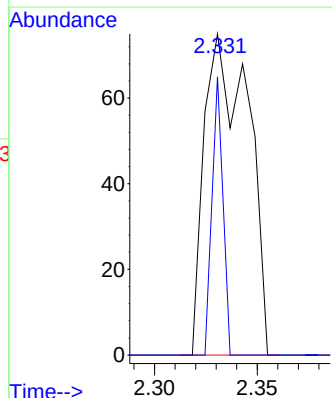
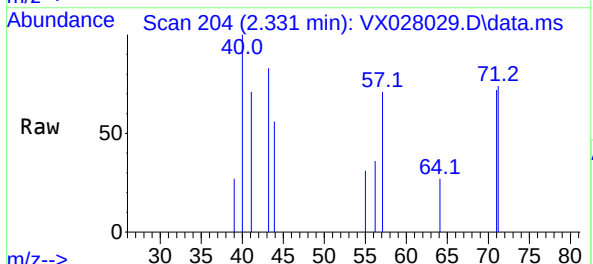
Acq: 08 Apr 2022 15:58

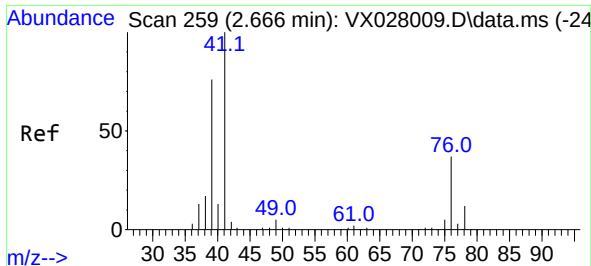
Tgt Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

55 21.6 55.0 82.6#





#14

Allyl chloride

Concen: 1.039 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.116 min

Lab File: VX028029.D

Acq: 08 Apr 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

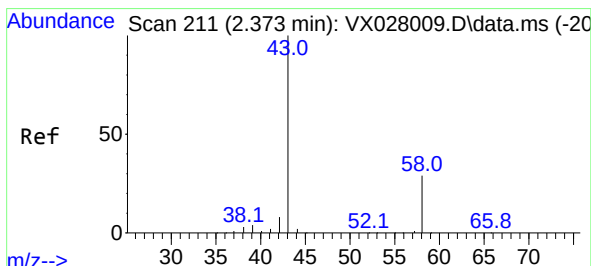
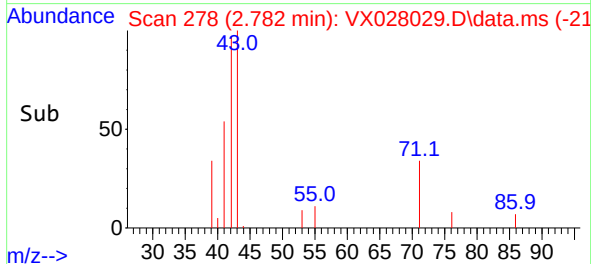
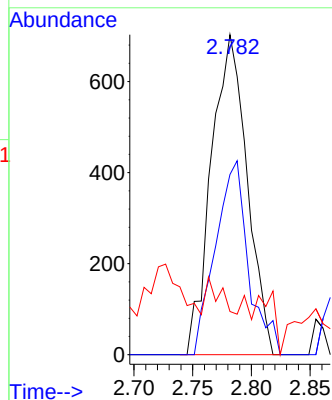
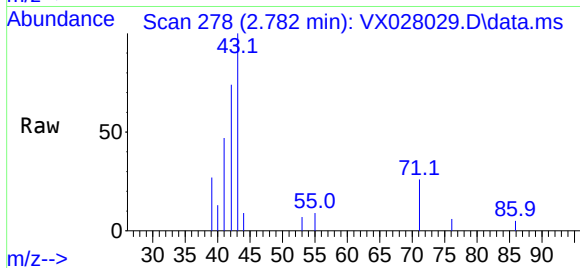
Tgt Ion: 41 Resp: 1487

Ion Ratio Lower Upper

41 100

39 56.0 50.4 75.6

76 0.0 32.7 49.1#



#16

Acetone

Concen: Below Cal

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028029.D

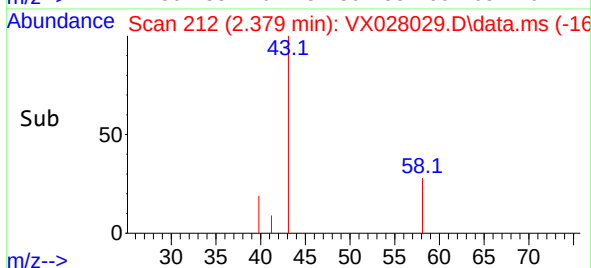
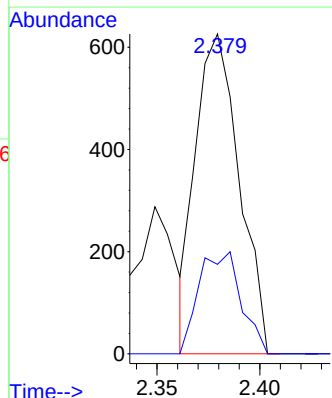
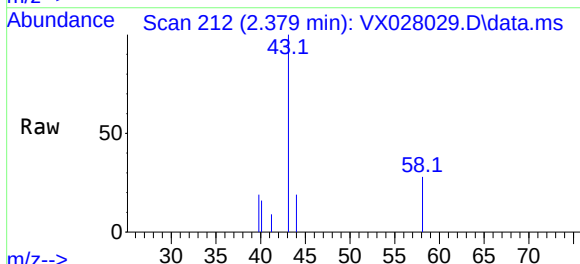
Acq: 08 Apr 2022 15:58

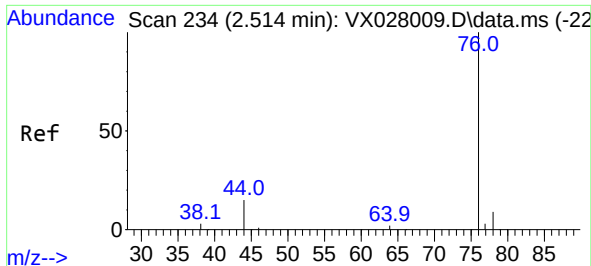
Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

58 28.0 28.8 43.2#

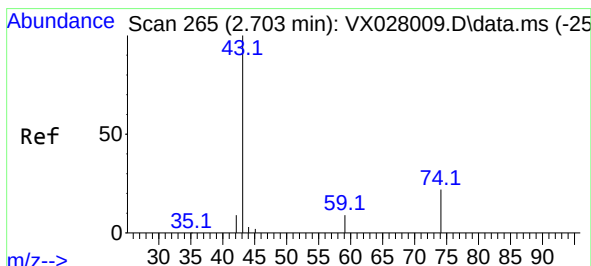
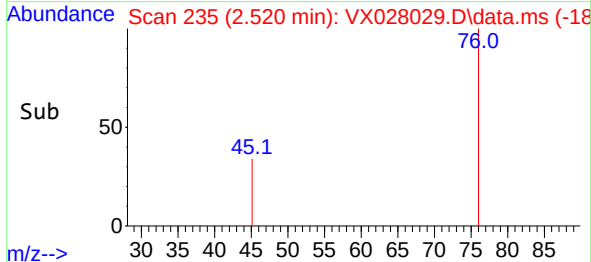
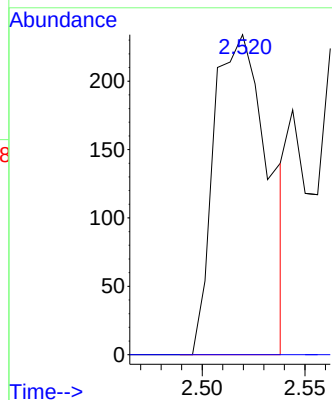
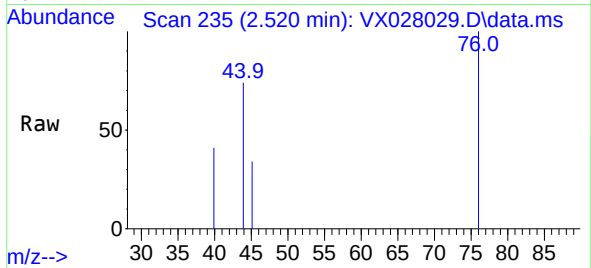




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

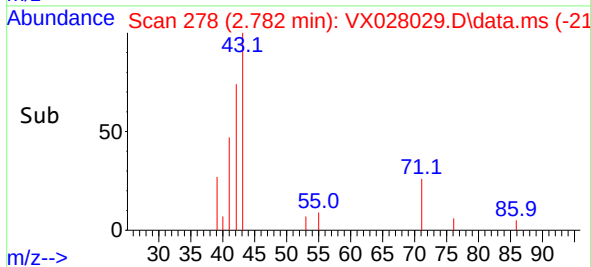
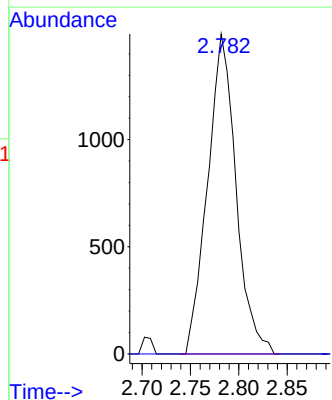
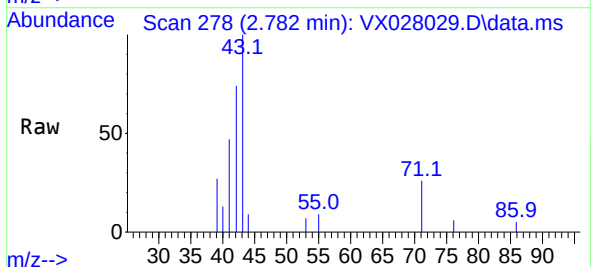
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

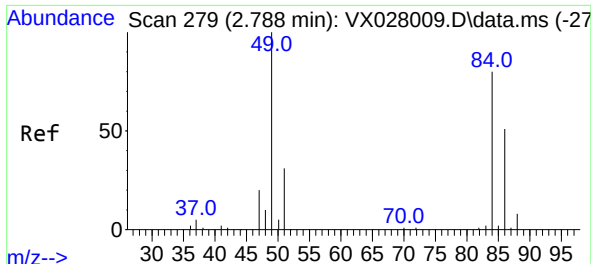
Tgt Ion: 76 Resp: 431
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 2.429 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#20

Methylene Chloride

Concen: 2.352 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028029.D

Acq: 08 Apr 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

Tgt Ion: 84 Resp: 19

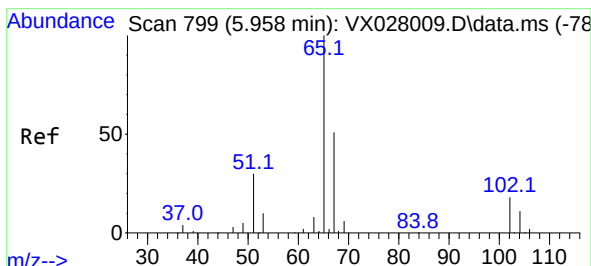
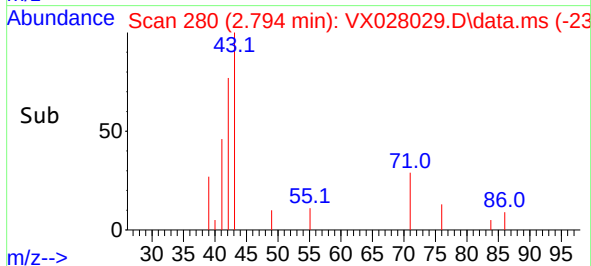
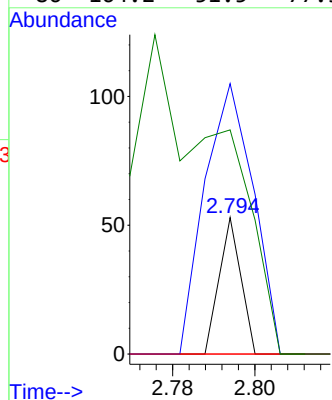
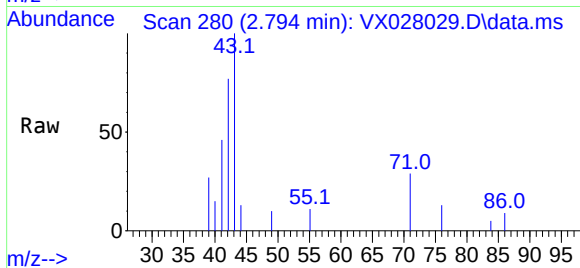
Ion Ratio Lower Upper

84 100

49 198.1 85.5 128.3#

51 0.0 26.6 39.8#

86 164.2 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 58.897 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028029.D

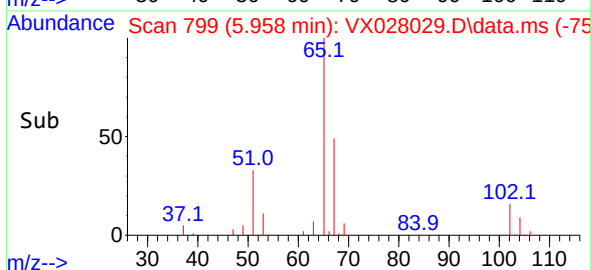
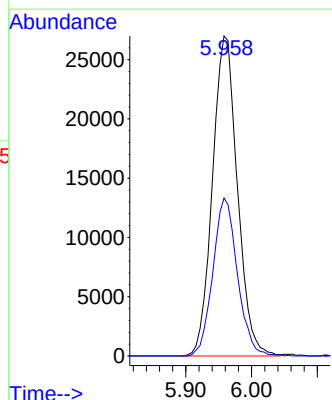
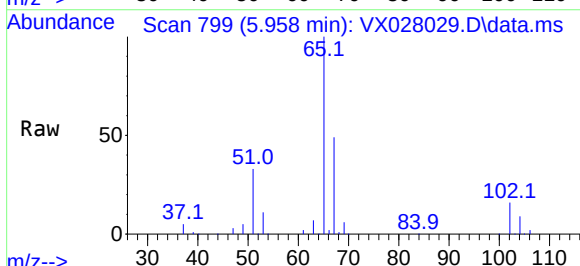
Acq: 08 Apr 2022 15:58

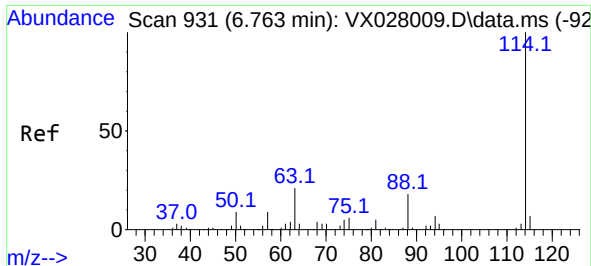
Tgt Ion: 65 Resp: 71229

Ion Ratio Lower Upper

65 100

67 48.5 0.0 107.4

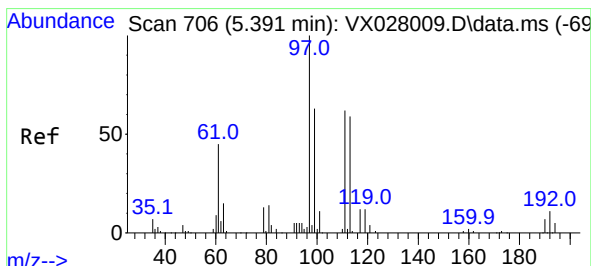
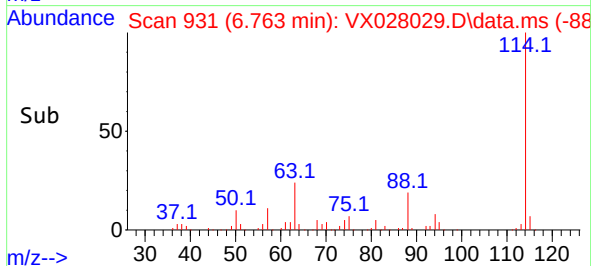
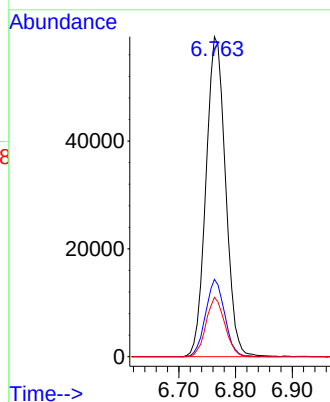
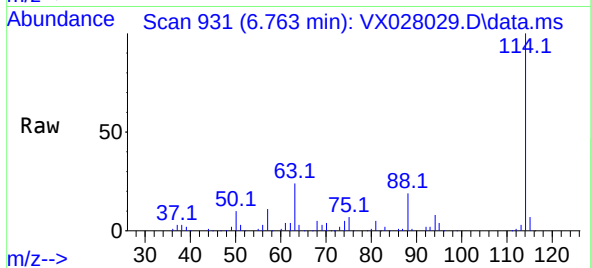




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

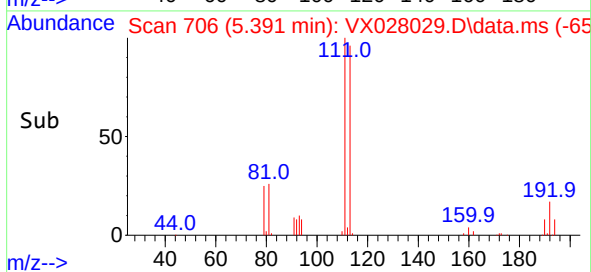
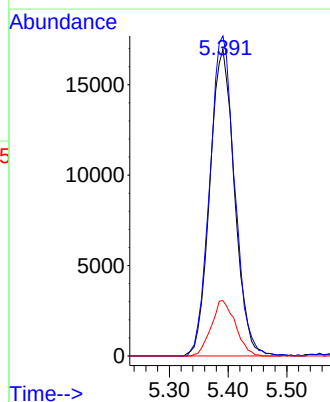
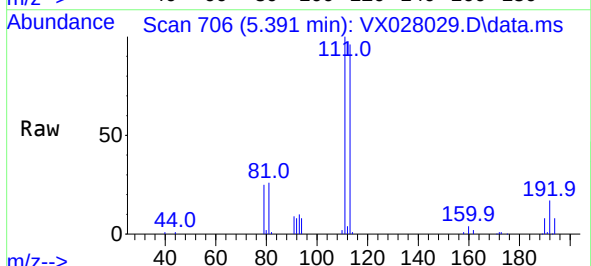
Instrument :
MSVOA_X
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MW-14R

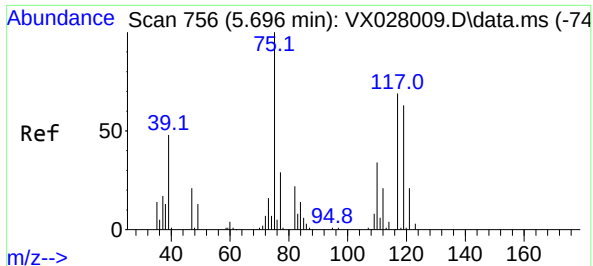
Tgt Ion:114 Resp: 142202
Ion Ratio Lower Upper
114 100
63 24.2 0.0 36.8
88 18.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.855 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion:113 Resp: 49497
Ion Ratio Lower Upper
113 100
111 105.0 82.8 124.2
192 17.7 16.9 25.3

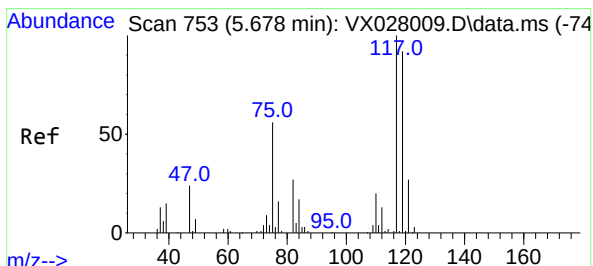
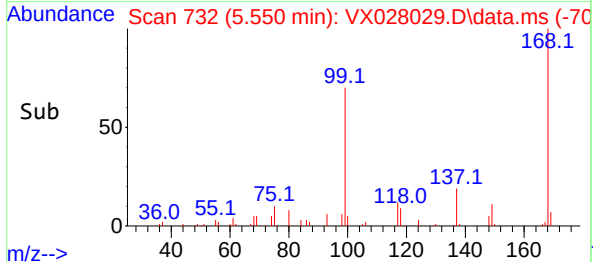
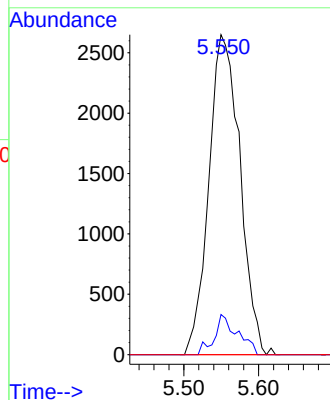
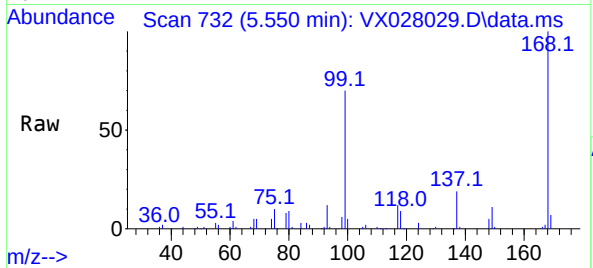




#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

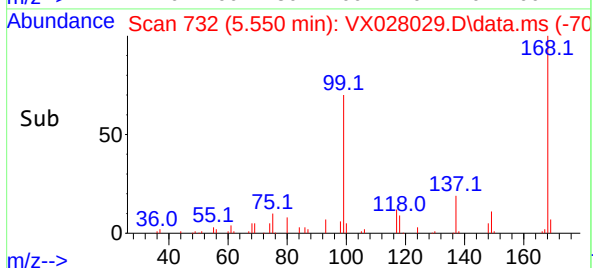
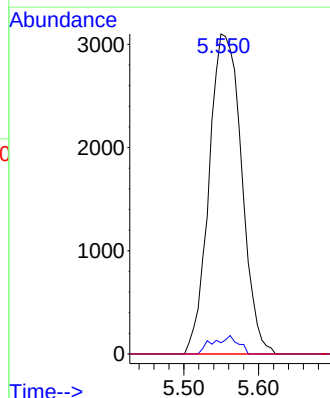
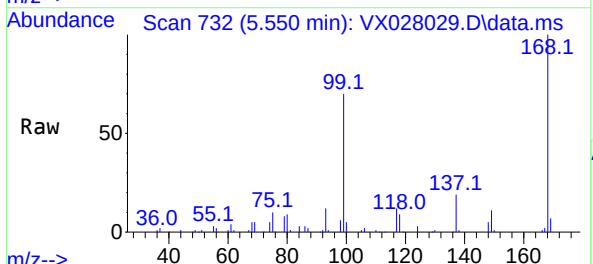
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

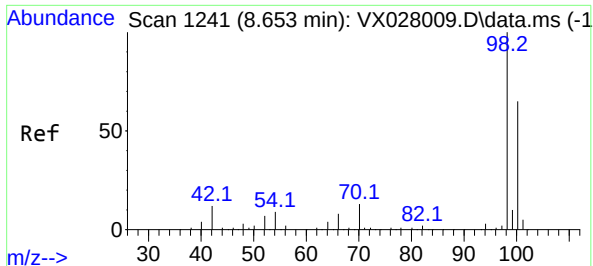
Tgt Ion: 75 Resp: 7674
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 117 Resp: 9370
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.504 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028029.D

Acq: 08 Apr 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

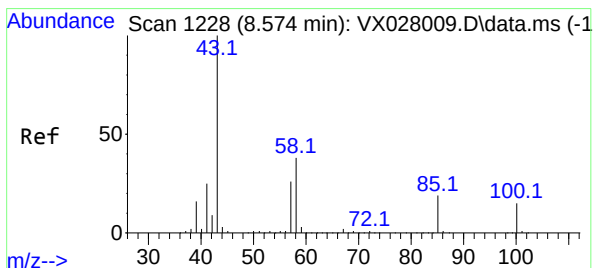
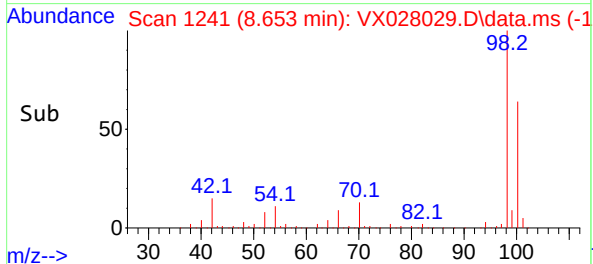
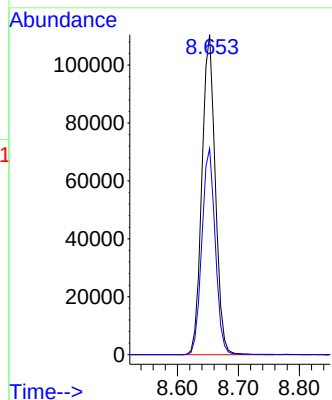
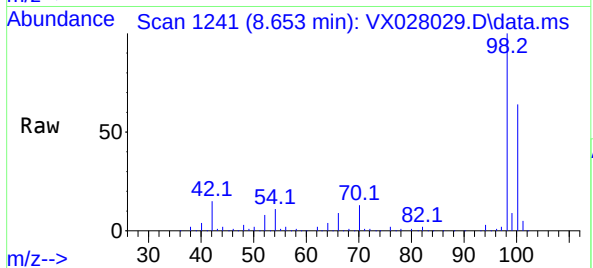
MW-14R

Tgt Ion: 98 Resp: 168601

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX028029.D

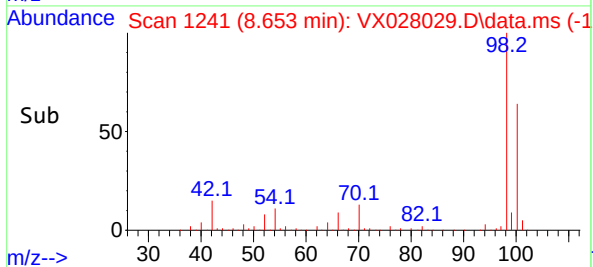
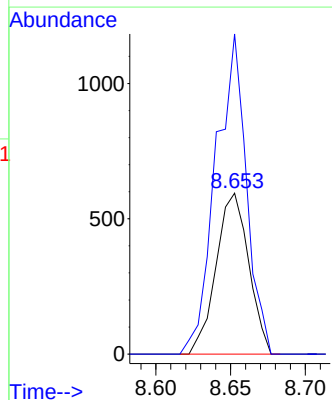
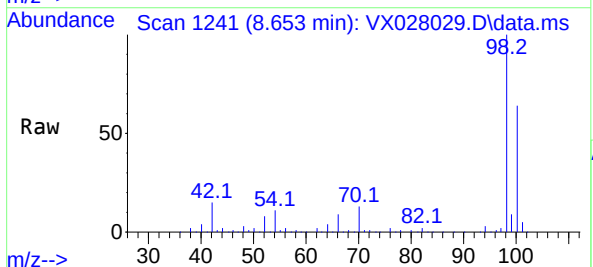
Acq: 08 Apr 2022 15:58

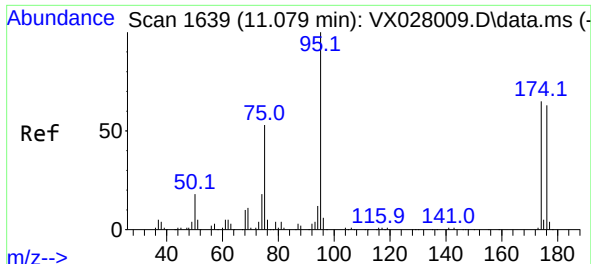
Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

58 186.9 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 50.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028029.D

Acq: 08 Apr 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

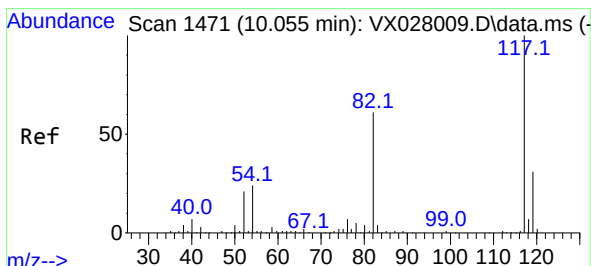
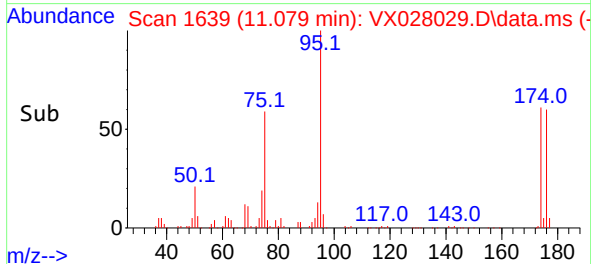
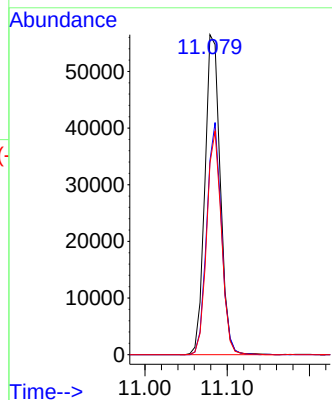
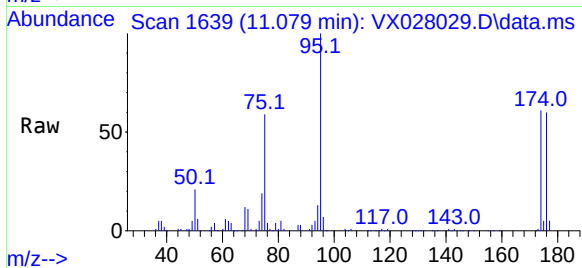
Tgt Ion: 95 Resp: 73258

Ion Ratio Lower Upper

95 100

174 69.4 0.0 163.0

176 66.7 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: VX028029.D

Acq: 08 Apr 2022 15:58

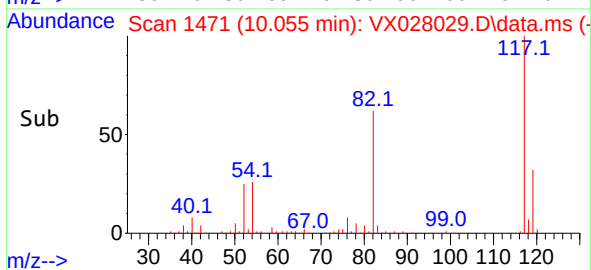
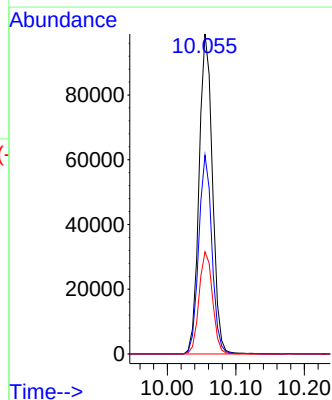
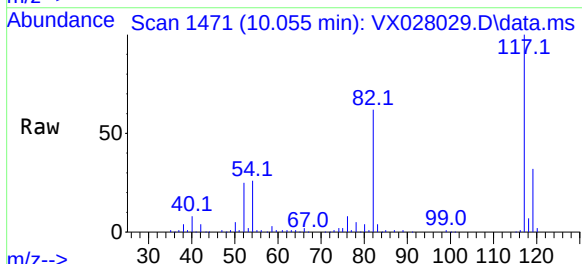
Tgt Ion: 117 Resp: 134077

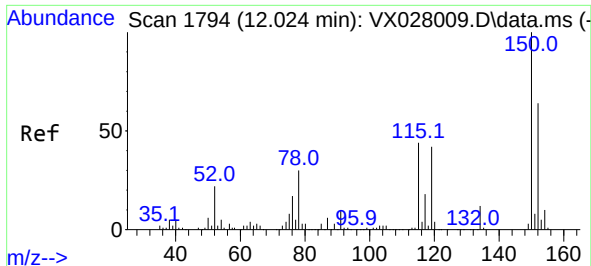
Ion Ratio Lower Upper

117 100

82 62.1 41.8 62.8

119 31.9 24.8 37.2

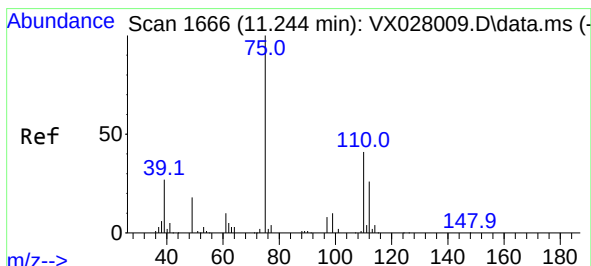
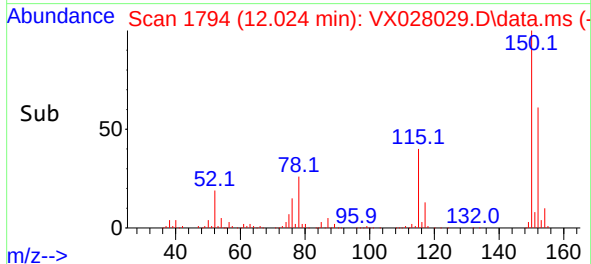
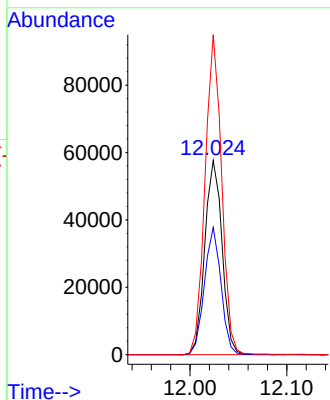
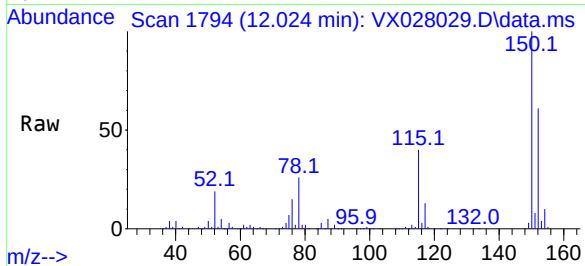




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

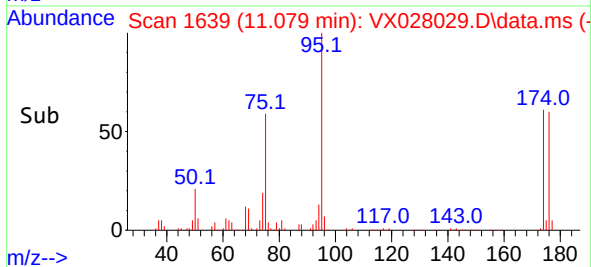
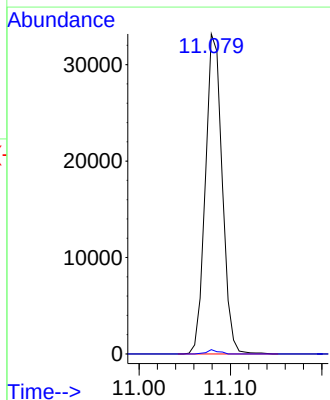
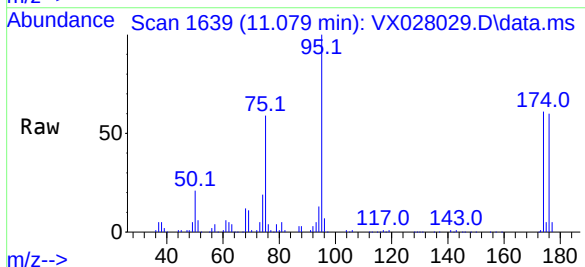
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

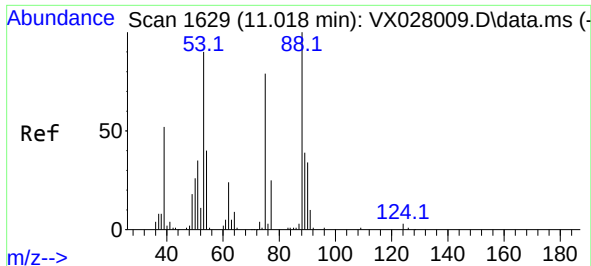
Tgt Ion:152 Resp: 71831
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 157.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 75 Resp: 42216
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028029.D
Acq: 08 Apr 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
MW-14R

Tgt Ion: 75 Resp: 42216
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

