

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028069.D
 Acq On : 12 Apr 2022 20:16
 Operator : JC/MD
 Sample : N2333-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Quant Time: Apr 13 01:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

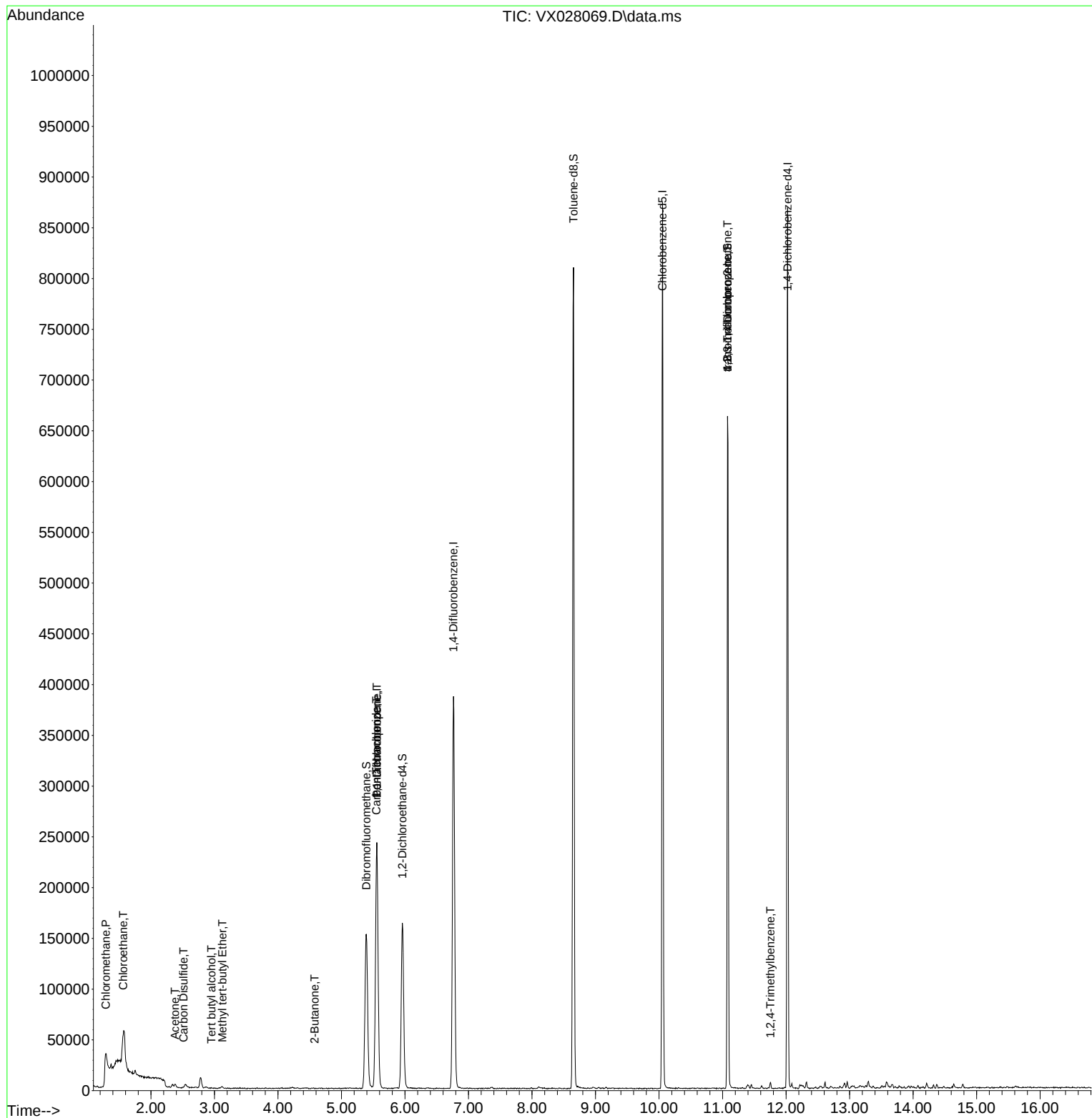
Internal Standards						
1) Pentafluorobenzene	5.556	168	229247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152155	48.922	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.840%
35) Dibromofluoromethane	5.391	113	131924	50.574	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.140%
50) Toluene-d8	8.653	98	483264	49.674	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	158924	43.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1619	0.657	ug/l #	64
5) Bromomethane	1.587	94	191	Below Cal	#	57
6) Chloroethane	1.563	64	58635	25.423	ug/l #	53
11) Tert butyl alcohol	2.953	59	264	0.366	ug/l #	72
13) Acrolein	2.245	56	27	Below Cal	#	15
16) Acetone	2.380	43	3615	2.790	ug/l #	85
17) Carbon Disulfide	2.514	76	1717	0.289	ug/l #	83
19) Methyl tert-butyl Ether	3.123	73	1710	0.201	ug/l #	68
25) 2-Butanone	4.574	43	730	0.326	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	18044	4.532	ug/l #	49
38) Carbon Tetrachloride	5.550	117	23440	5.515	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	87549	23.434	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87549	66.002	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	2667	0.265	ug/l	99

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

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Quant Title : SW846 8260
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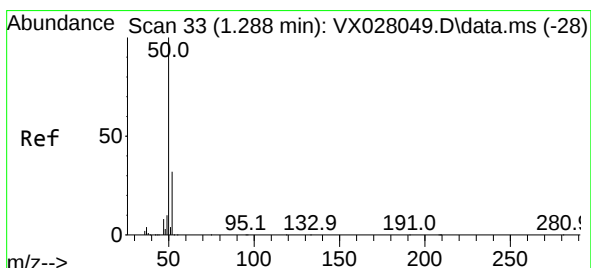
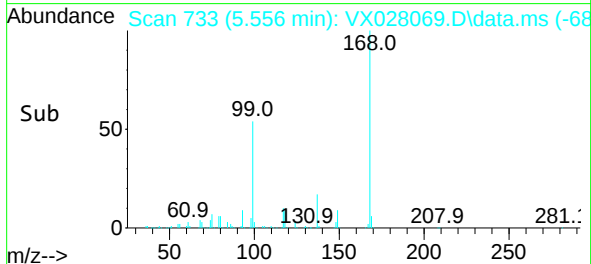
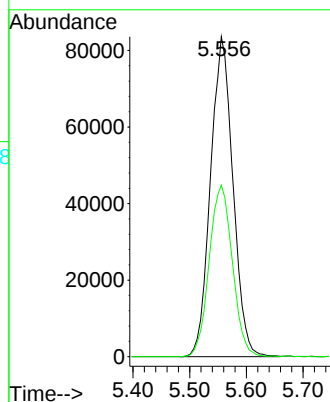
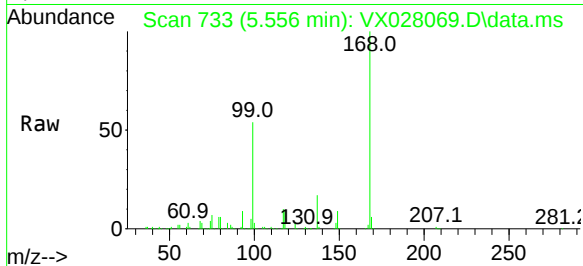




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

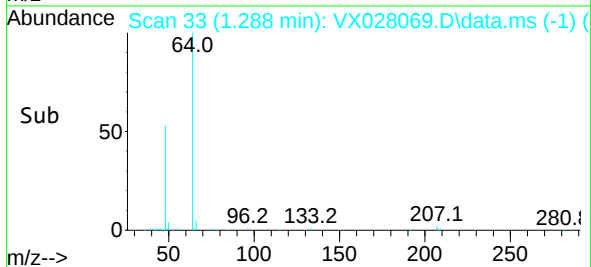
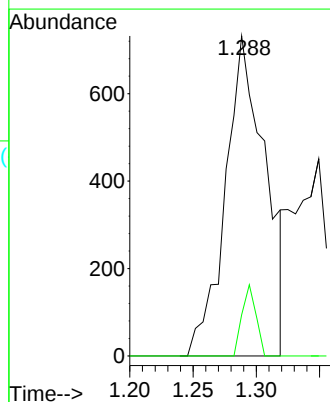
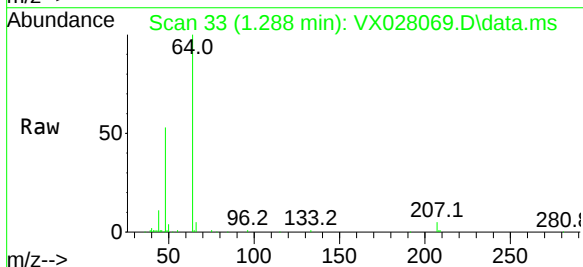
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

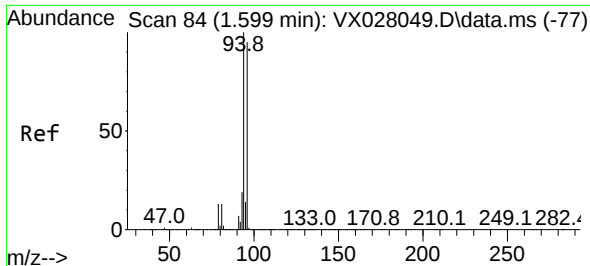
Tgt Ion:168 Resp: 229247
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: 0.657 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 50 Resp: 1619
Ion Ratio Lower Upper
50 100
52 12.8 26.4 39.6#

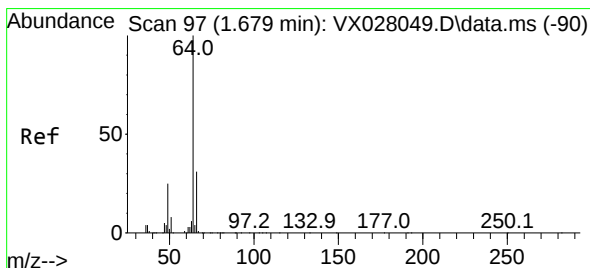
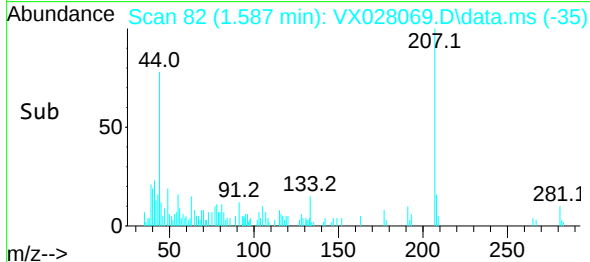
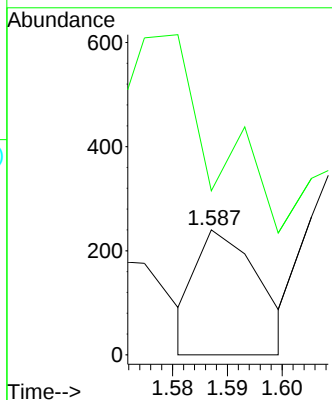
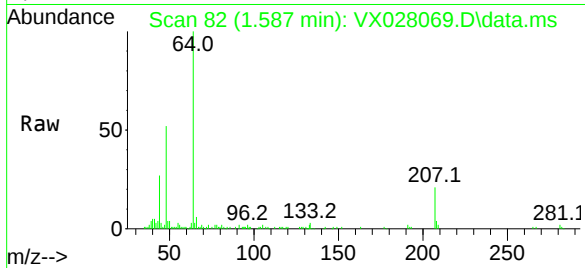




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

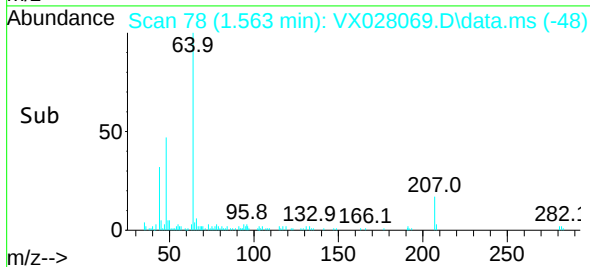
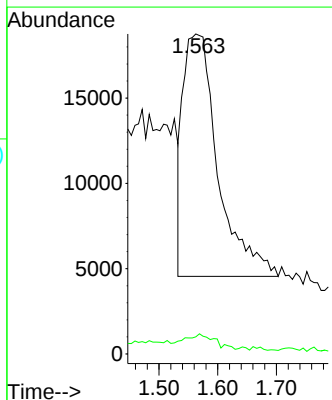
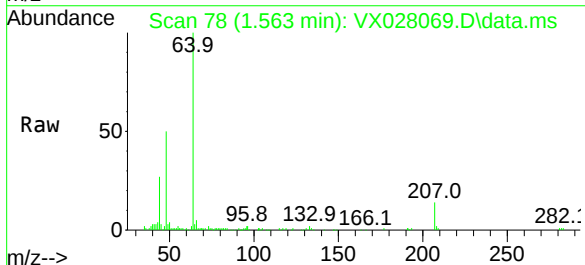
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

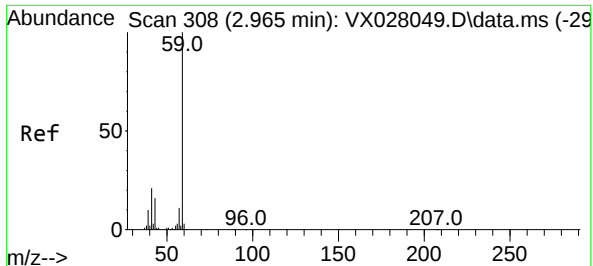
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 52.9 75.3 112.9#



#6
Chloroethane
Concen: 25.423 ug/l
RT: 1.563 min Scan# 78
Delta R.T. -0.116 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 64 Resp: 58635
Ion Ratio Lower Upper
64 100
66 5.6 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.366 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

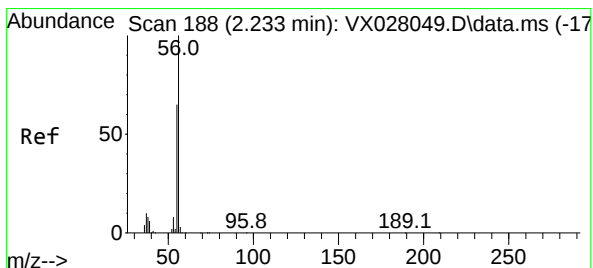
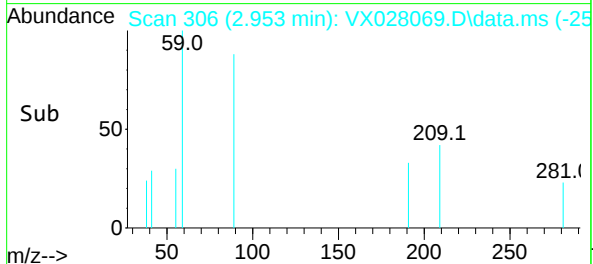
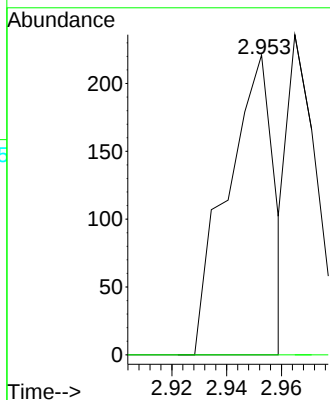
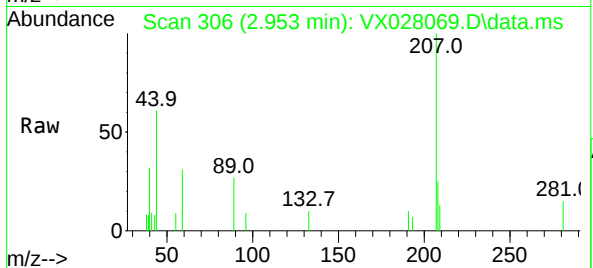
MW-14R

Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX028069.D

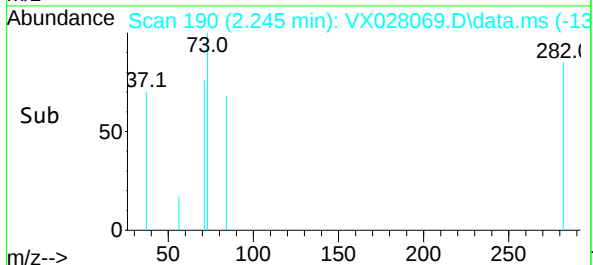
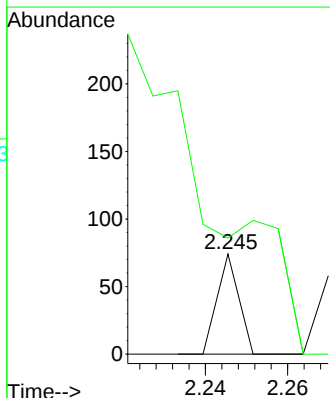
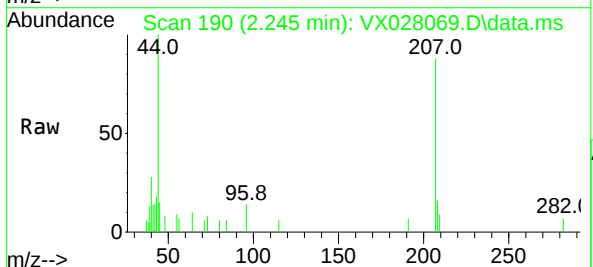
Acq: 12 Apr 2022 20:16

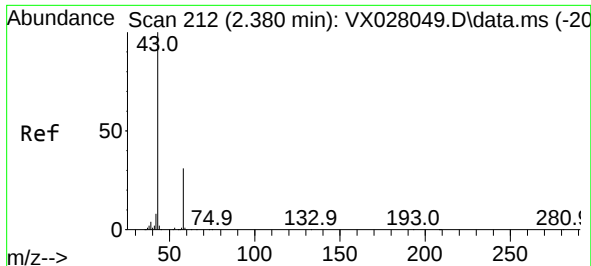
Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

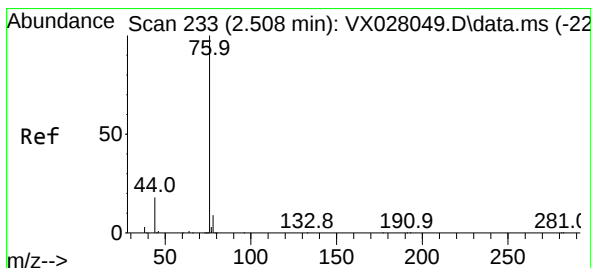
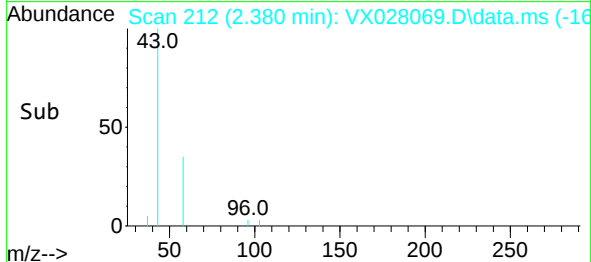
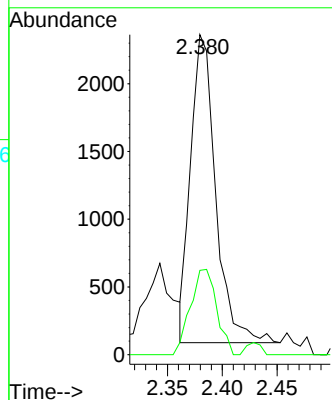
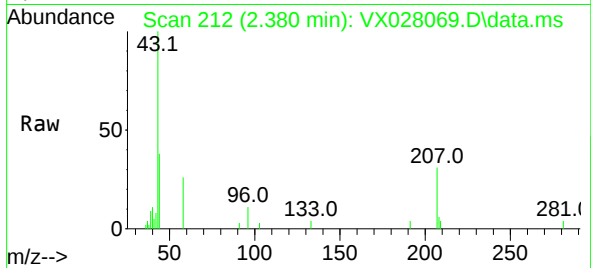




#16
Acetone
Concen: 2.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

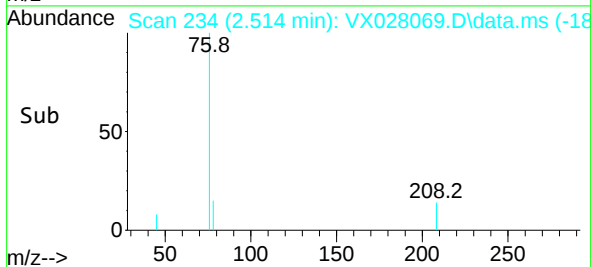
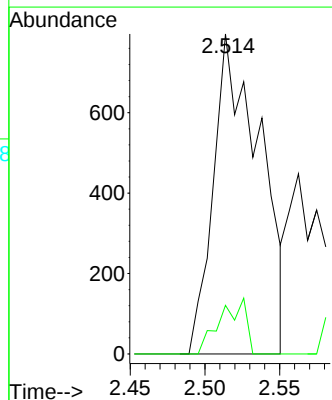
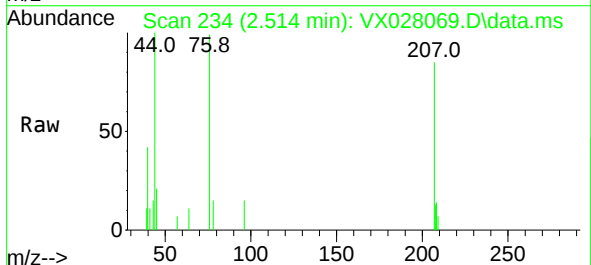
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

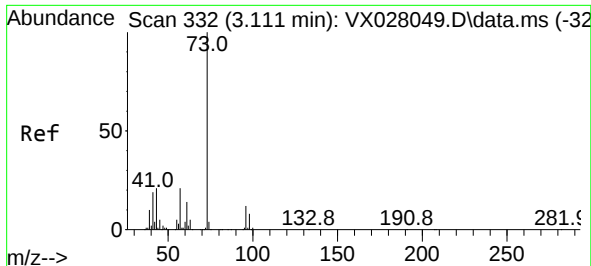
Tgt Ion: 43 Resp: 3615
Ion Ratio Lower Upper
43 100
58 27.4 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 76 Resp: 1717
Ion Ratio Lower Upper
76 100
78 15.2 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 0.201 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

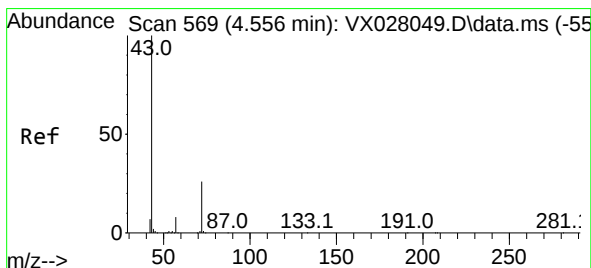
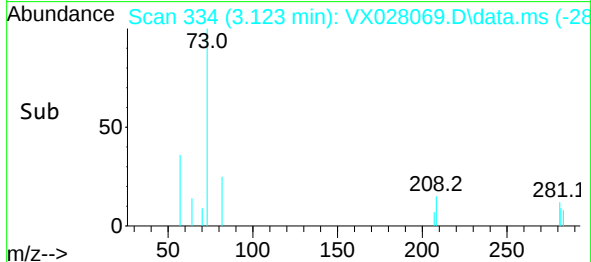
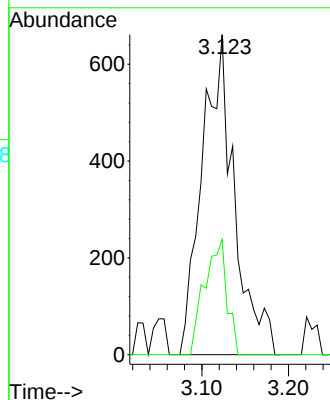
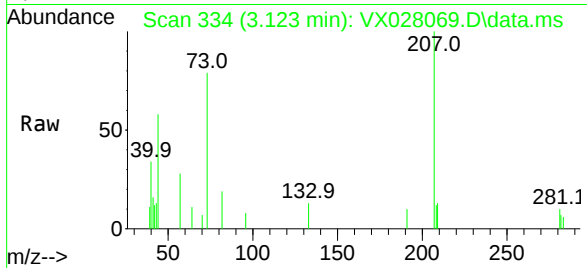
MW-14R

Tgt Ion: 73 Resp: 1710

Ion Ratio Lower Upper

73 100

57 36.0 16.8 25.2#



#25

2-Butanone

Concen: 0.326 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX028069.D

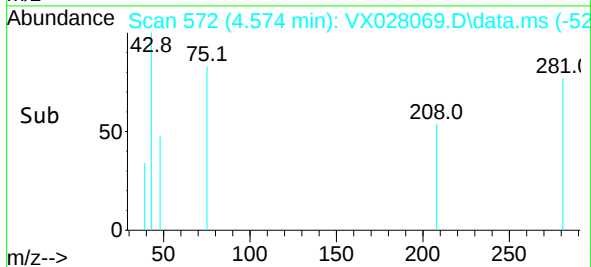
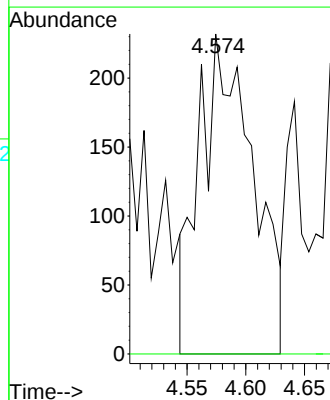
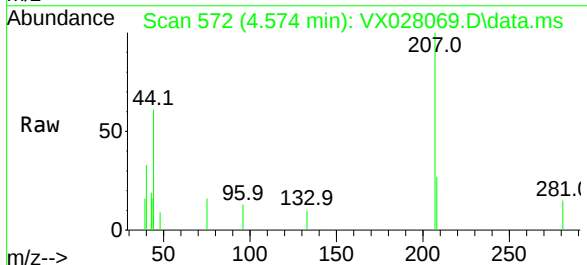
Acq: 12 Apr 2022 20:16

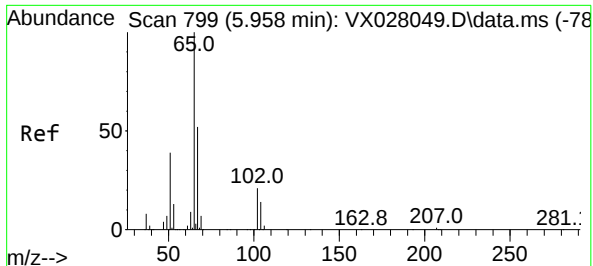
Tgt Ion: 43 Resp: 730

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

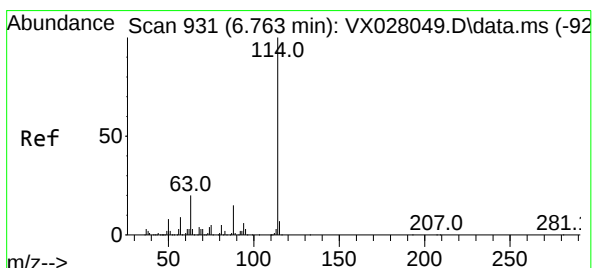
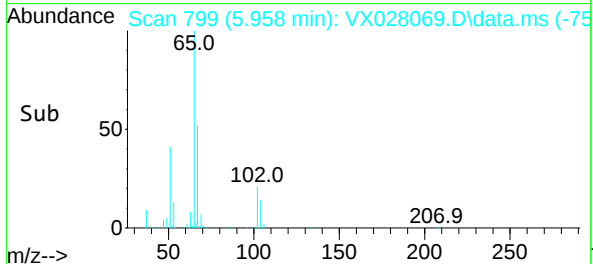
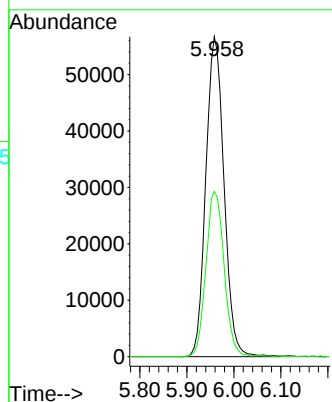
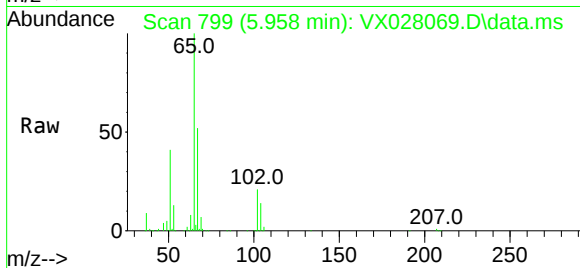
MW-14R

Tgt Ion: 65 Resp: 152155

Ion Ratio Lower Upper

65 100

67 51.5 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: VX028069.D

Acq: 12 Apr 2022 20:16

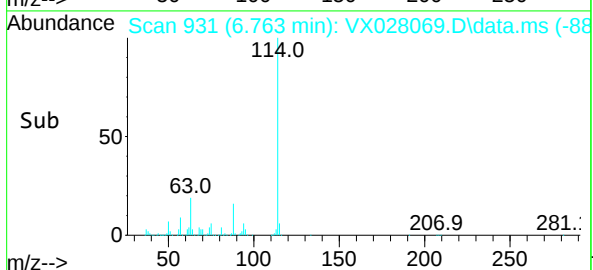
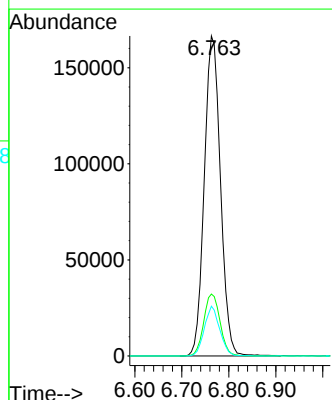
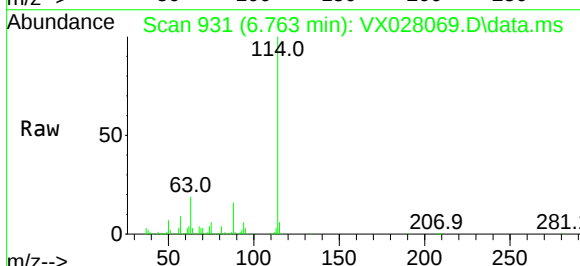
Tgt Ion: 114 Resp: 398086

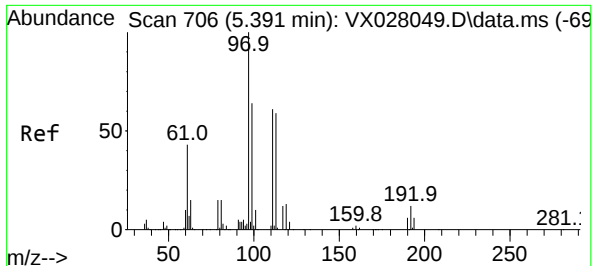
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

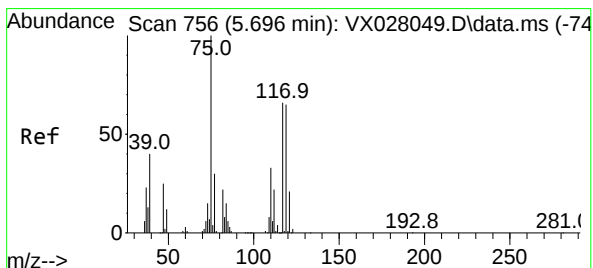
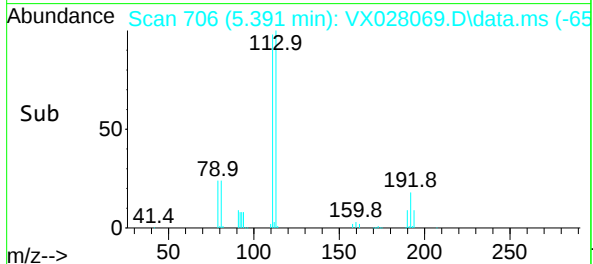
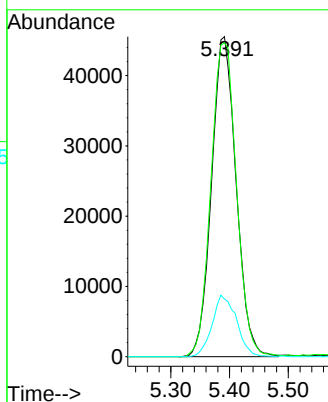
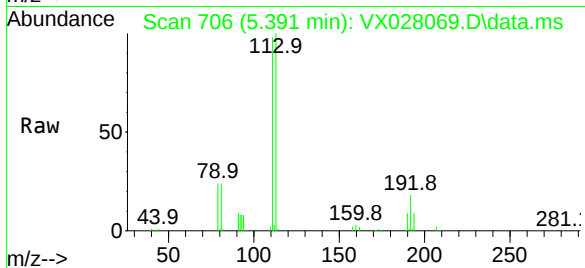
Tgt Ion:113 Resp: 131924

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.532 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

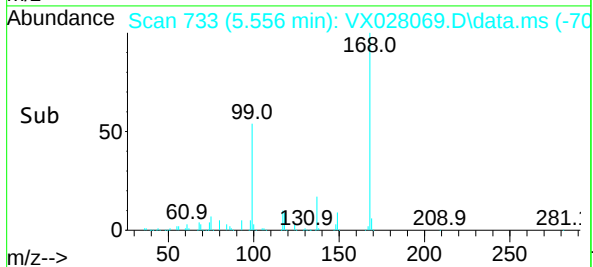
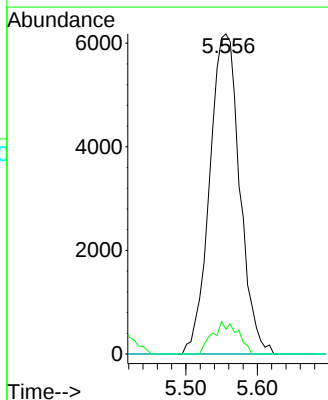
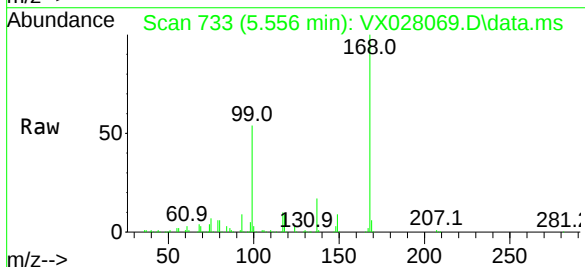
Tgt Ion: 75 Resp: 18044

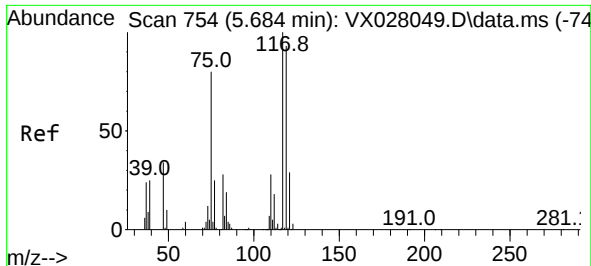
Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 24.8 37.2#

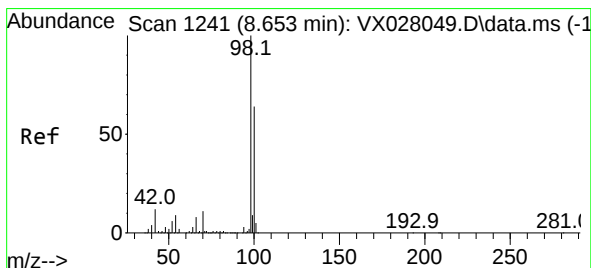
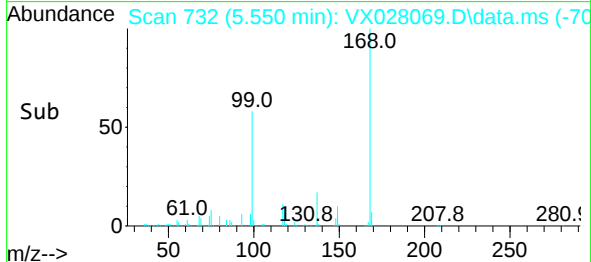
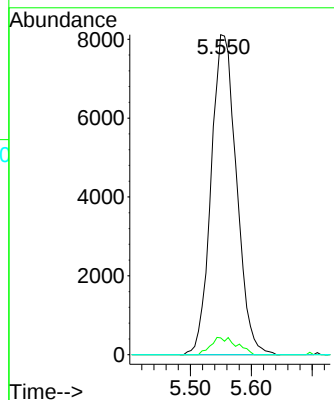
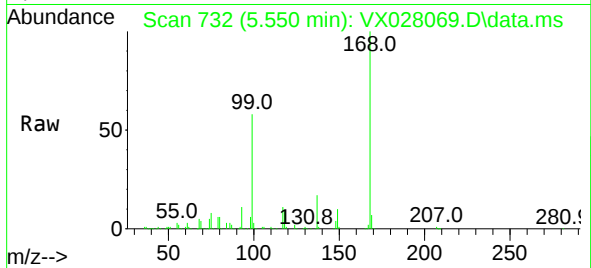




#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

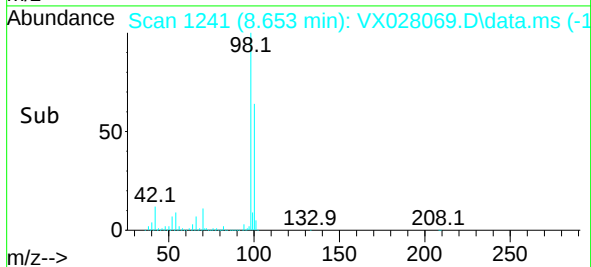
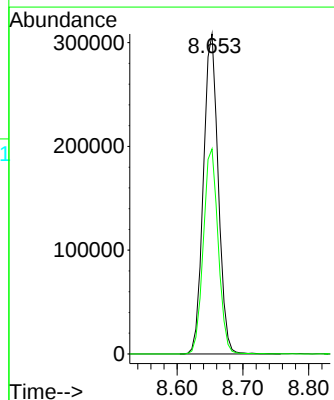
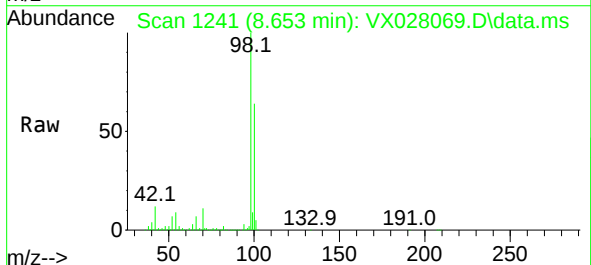
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

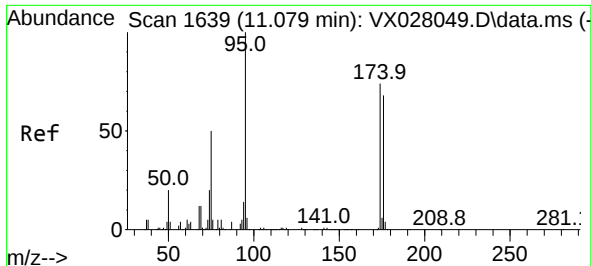
Tgt Ion:117 Resp: 23440
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 98 Resp: 483264
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

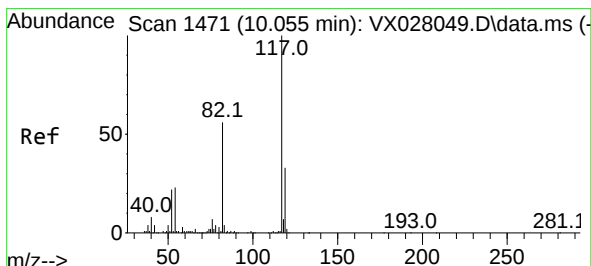
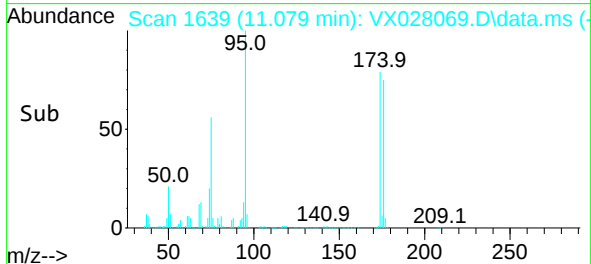
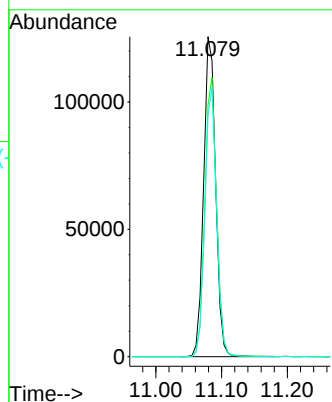
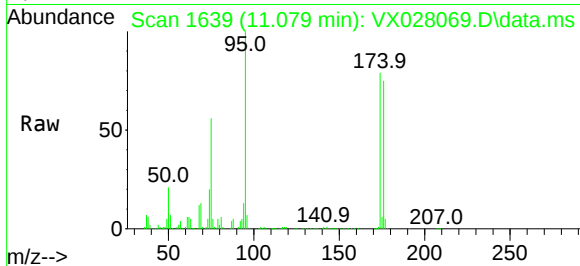




#62
4-Bromofluorobenzene
Concen: 43.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

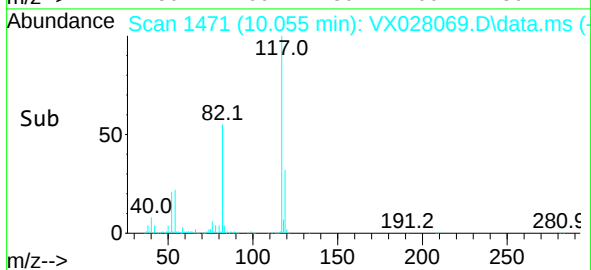
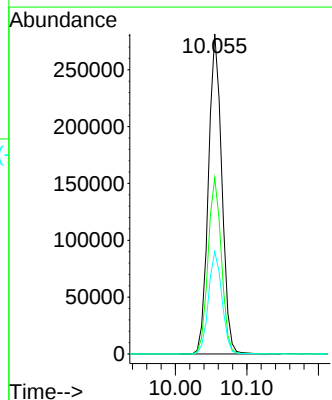
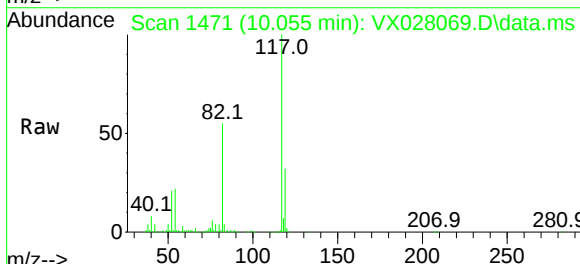
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

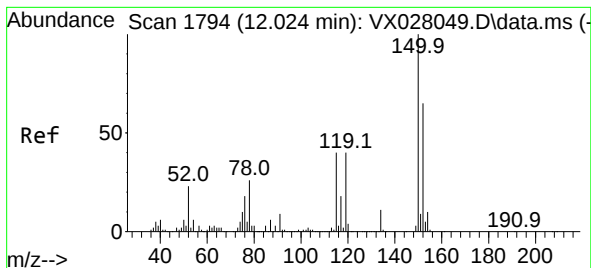
Tgt Ion: 95 Resp: 158924
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 117 Resp: 367042
Ion Ratio Lower Upper
117 100
82 55.1 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# 11

Delta R.T. 0.000 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

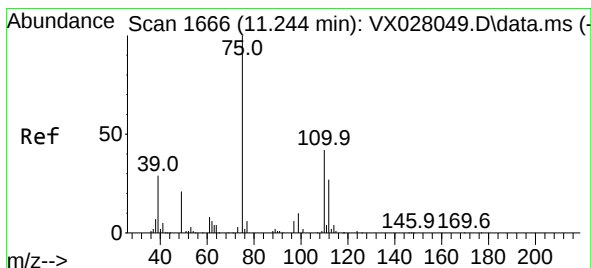
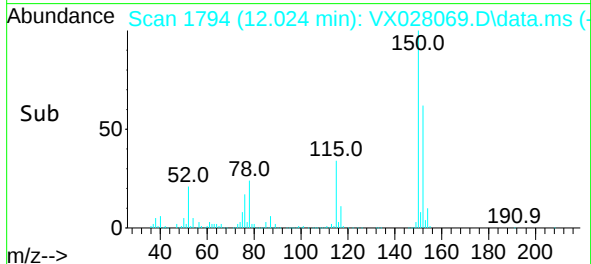
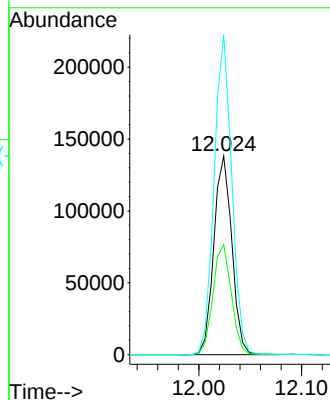
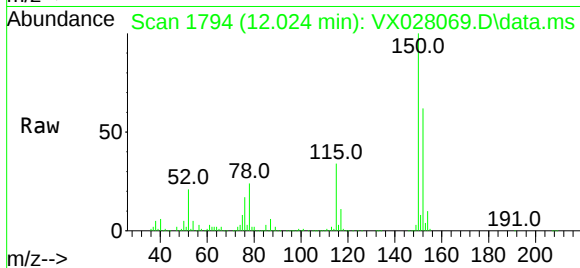
Tgt Ion:152 Resp: 167815

Ion Ratio Lower Upper

152 100

115 56.9 37.5 112.7

150 158.0 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 23.434 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028069.D

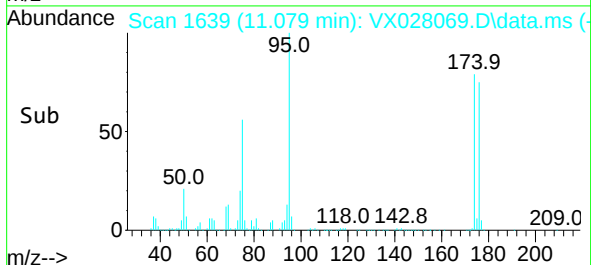
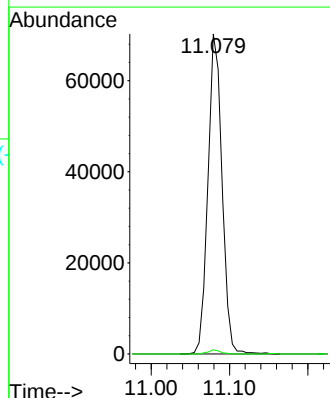
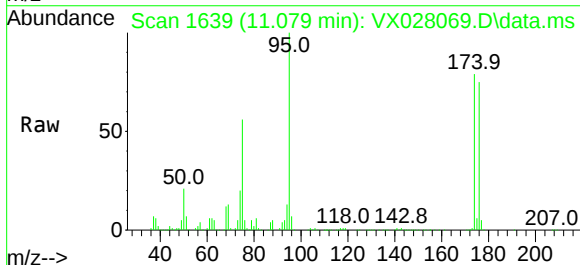
Acq: 12 Apr 2022 20:16

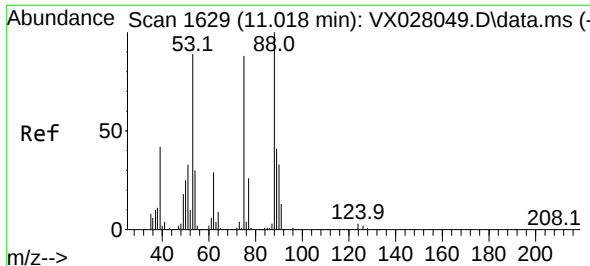
Tgt Ion: 75 Resp: 87549

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#

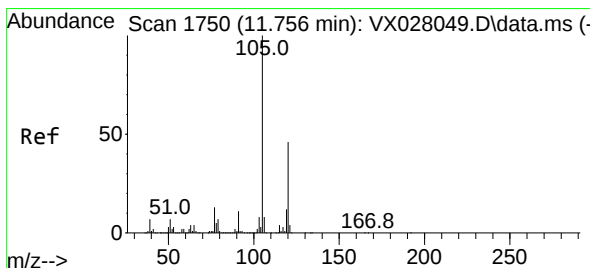
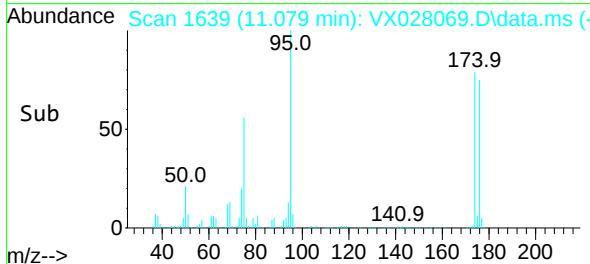
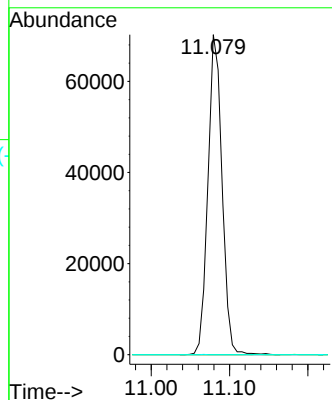
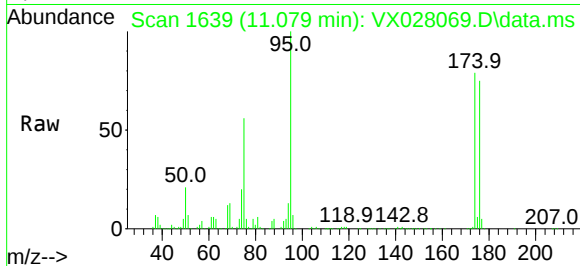




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.002 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX028069.D
 Acq: 12 Apr 2022 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Tgt Ion: 75 Resp: 87549
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.265 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028069.D
 Acq: 12 Apr 2022 20:16

Tgt Ion: 105 Resp: 2667
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8

