

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032145.D
 Acq On : 14 Oct 2022 19:20
 Operator : JC/MD
 Sample : N5145-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-101322RE

Quant Time: Oct 17 02:28:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

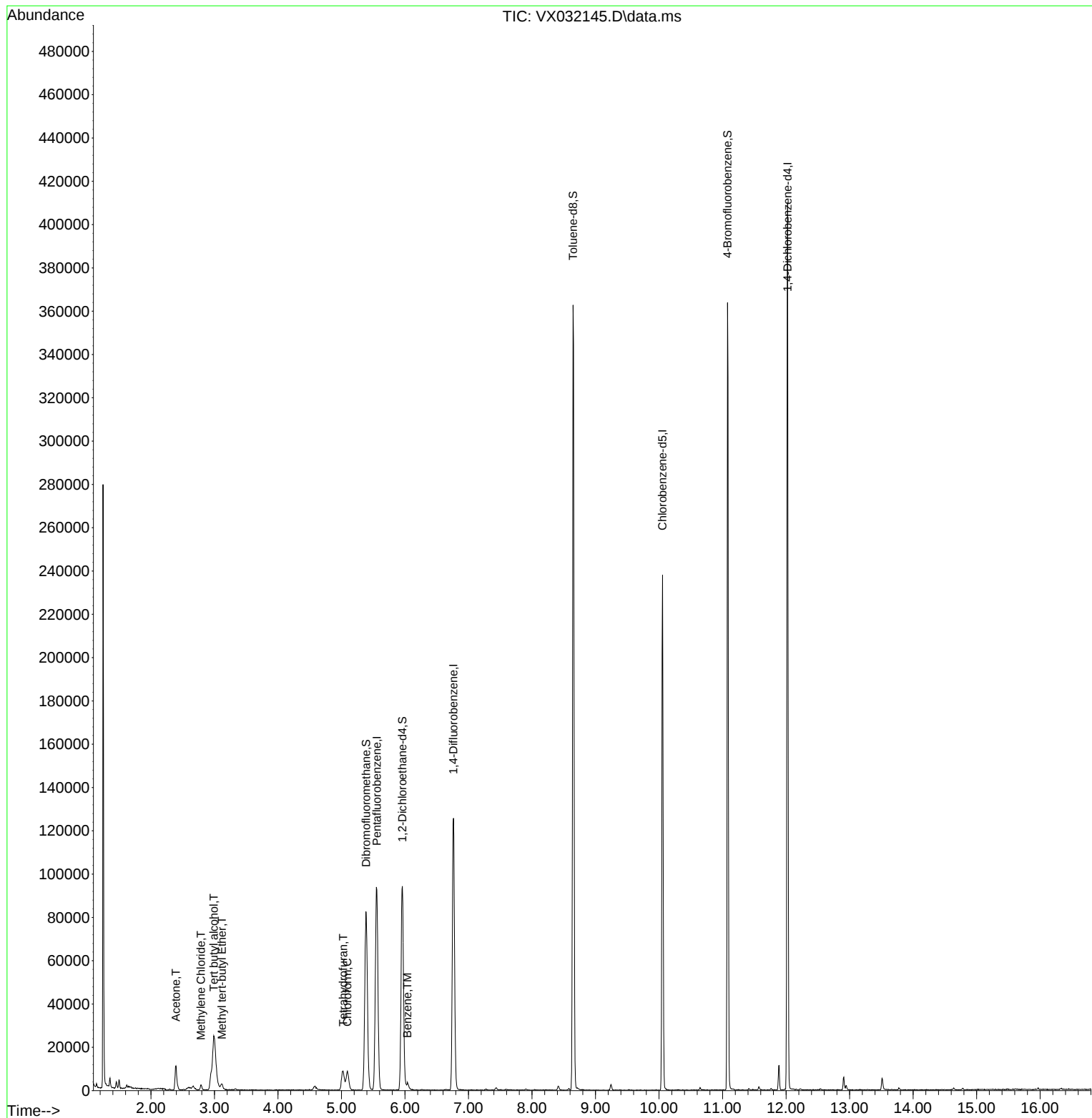
Internal Standards						
1) Pentafluorobenzene	5.556	168	85605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94902	53.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.360%	
35) Dibromofluoromethane	5.385	113	70511	49.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.040%	
50) Toluene-d8	8.647	98	215061	41.547	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 83.100%#	
62) 4-Bromofluorobenzene	11.079	95	89999	49.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	47384	215.421	ug/l	100
16) Acetone	2.392	43	12889	21.451	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	2708	0.619	ug/l	95
20) Methylene Chloride	2.788	84	1115	0.706	ug/l #	79
29) Tetrahydrofuran	5.026	42	8704	14.362	ug/l	97
30) Chloroform	5.093	83	9315	3.345	ug/l	90
40) Benzene	6.038	78	3647	0.653	ug/l #	83

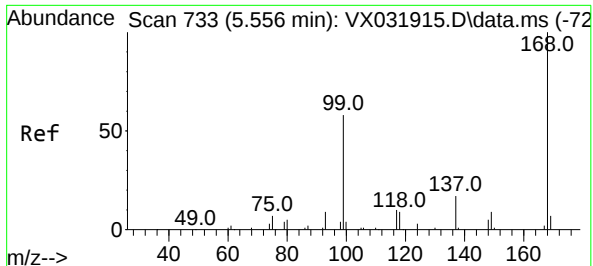
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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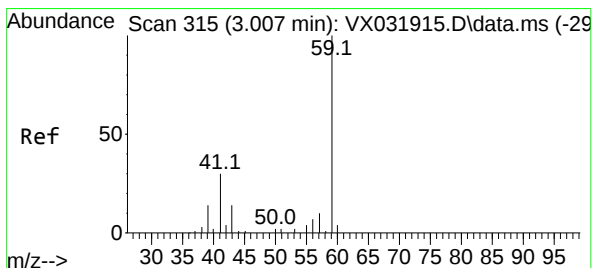
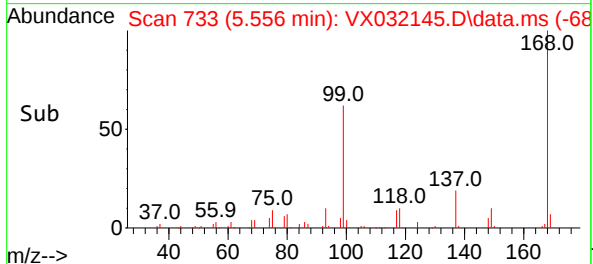
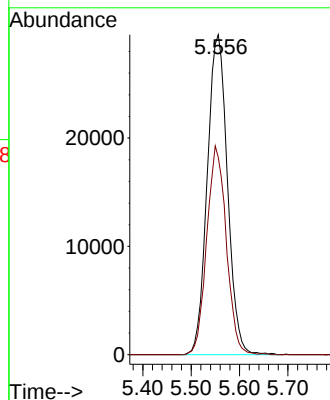
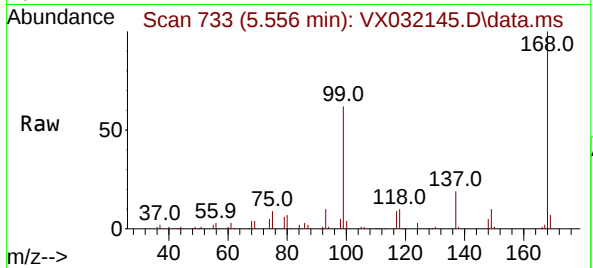




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

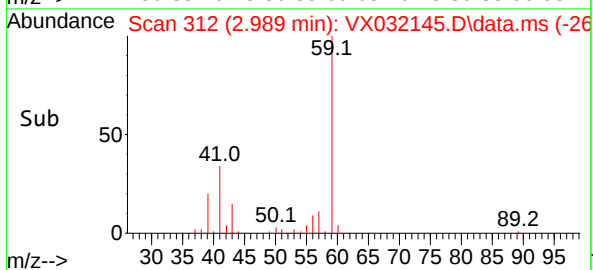
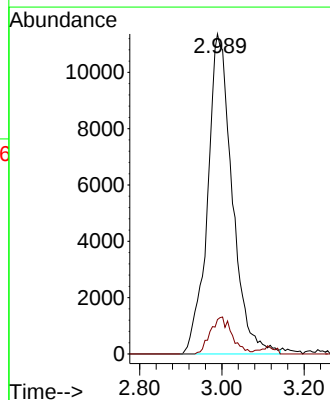
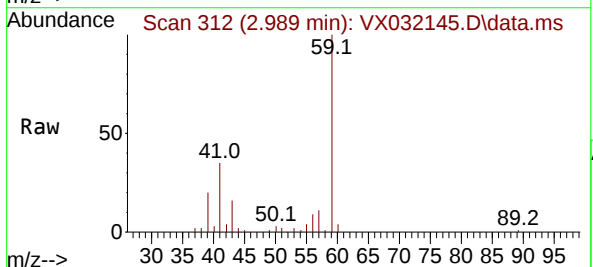
Instrument :
MSVOA_X
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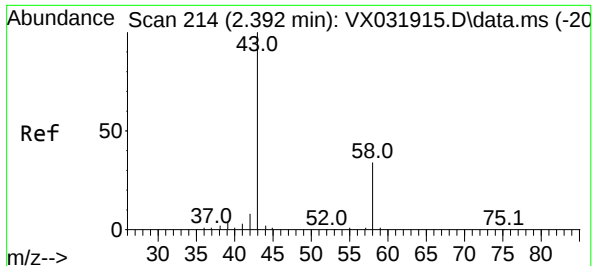
Tgt Ion:168 Resp: 85605
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 215.421 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

Tgt Ion: 59 Resp: 47384
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

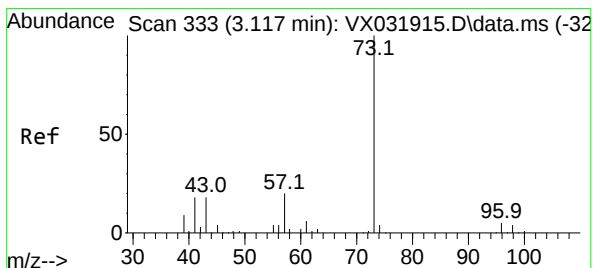
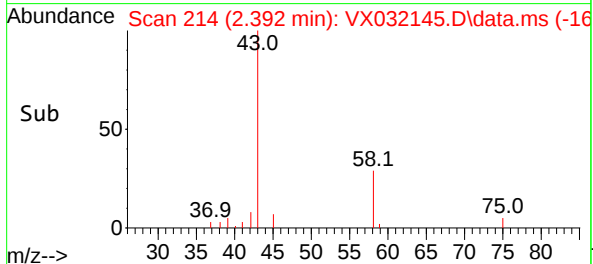
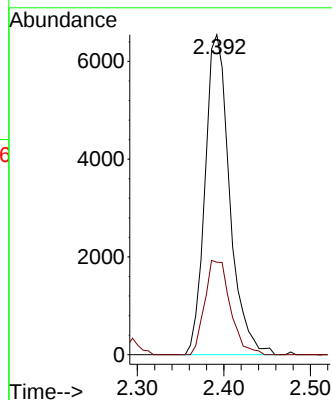
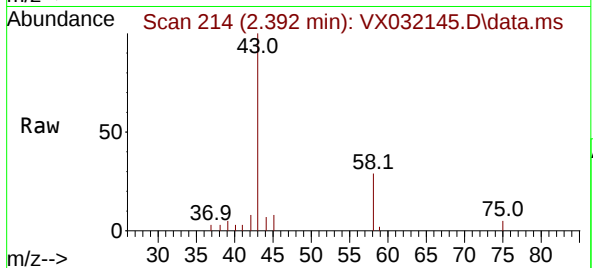




#16
Acetone
Concen: 21.451 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

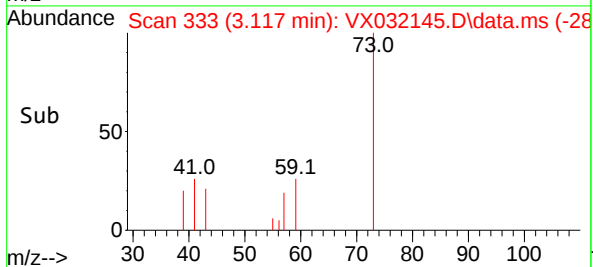
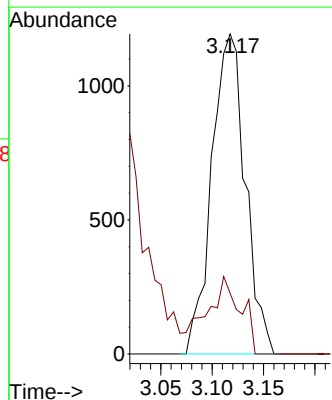
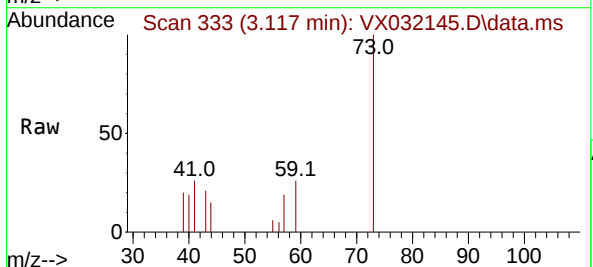
Instrument :
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ClientSampleId :
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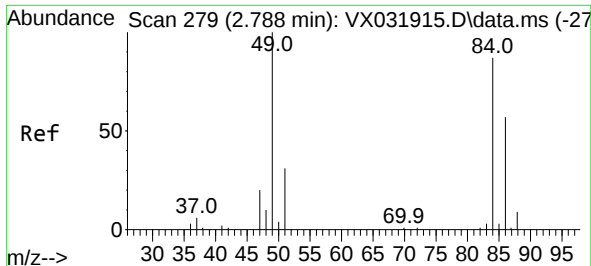
Tgt Ion: 43 Resp: 12889
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.619 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

Tgt Ion: 73 Resp: 2708
Ion Ratio Lower Upper
73 100
57 18.9 17.2 25.8

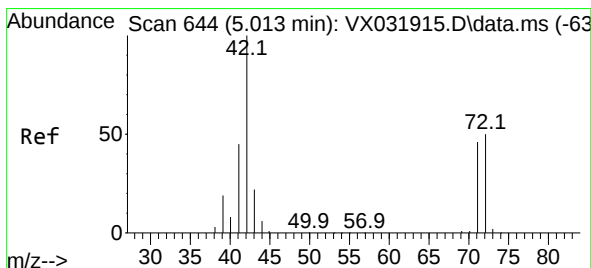
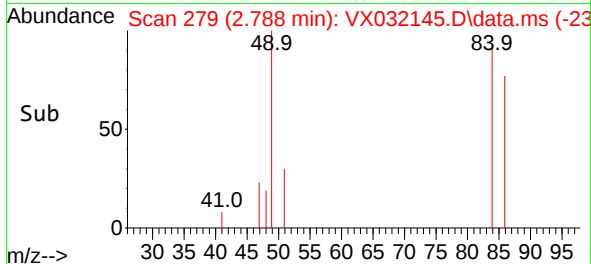
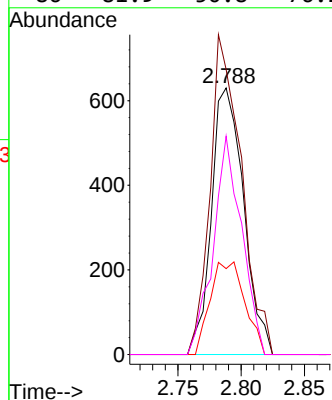
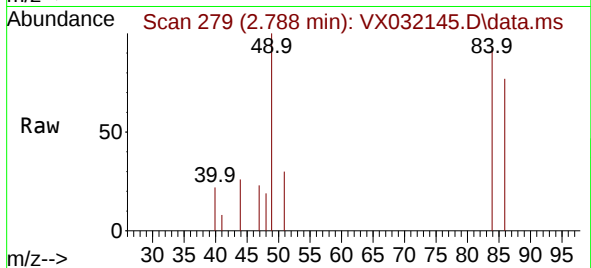




#20
Methylene Chloride
Concen: 0.706 ug/l
RT: 2.788 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

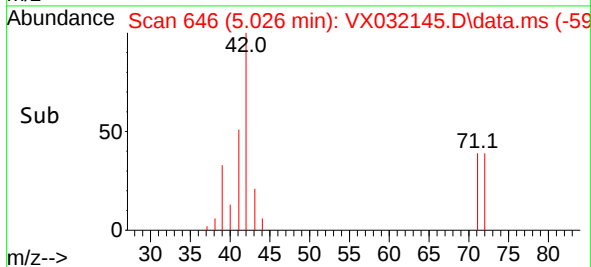
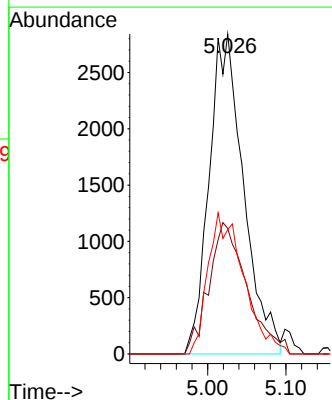
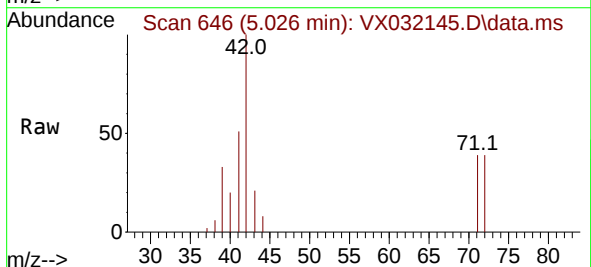
Instrument :
MSVOA_X
ClientSampleId :
MW-8-101322RE

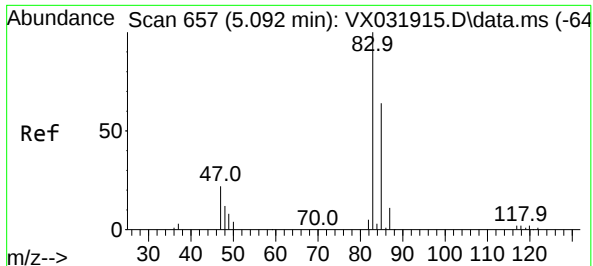
Tgt Ion:	84	Resp:	1115
Ion	Ratio	Lower	Upper
84	100		
49	107.0	105.9	158.9
51	32.2	32.2	48.2
86	81.9	50.8	76.2



#29
Tetrahydrofuran
Concen: 14.362 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

Tgt Ion:	42	Resp:	8704
Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.4	54.6
71	45.7	33.5	50.3





#30

Chloroform

Concen: 3.345 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.001 min

Lab File: VX032145.D

Acq: 14 Oct 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

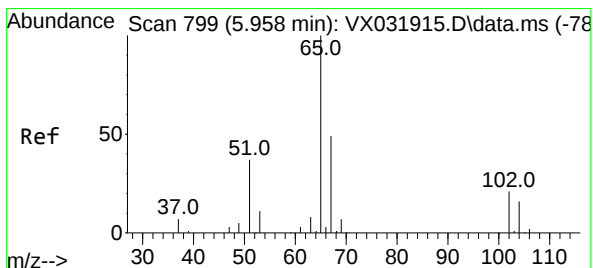
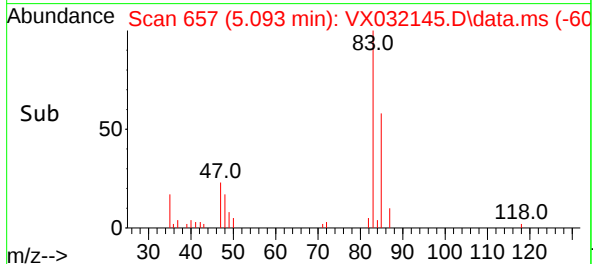
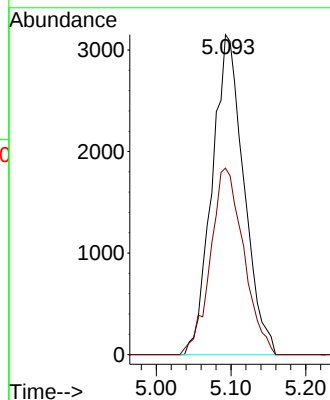
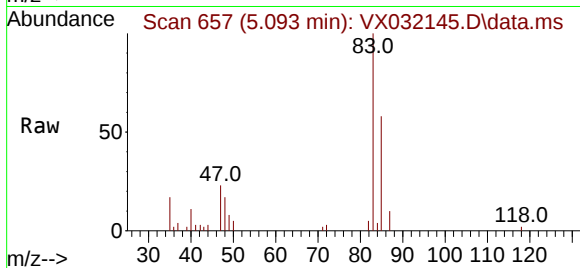
MW-8-101322RE

Tgt Ion: 83 Resp: 9315

Ion Ratio Lower Upper

83 100

85 58.3 52.8 79.2



#33

1,2-Dichloroethane-d4

Concen: 53.680 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032145.D

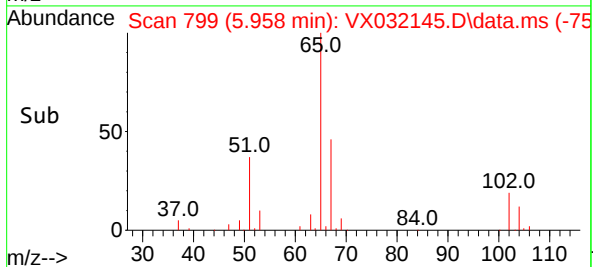
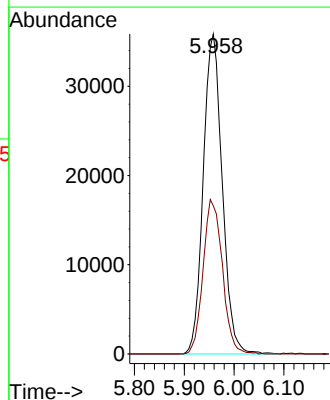
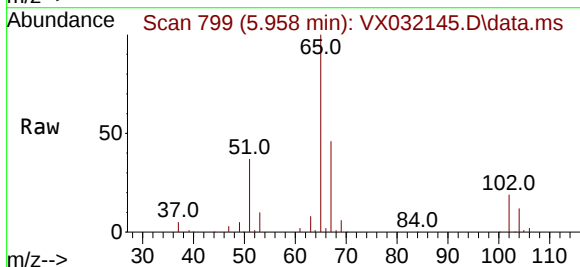
Acq: 14 Oct 2022 19:20

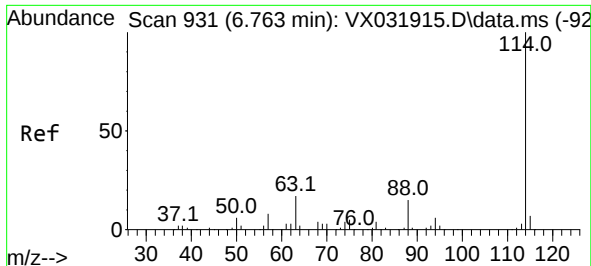
Tgt Ion: 65 Resp: 94902

Ion Ratio Lower Upper

65 100

67 49.0 0.0 102.4

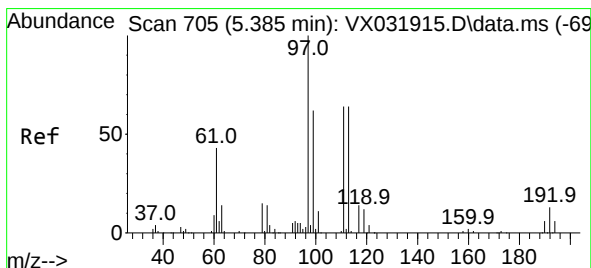
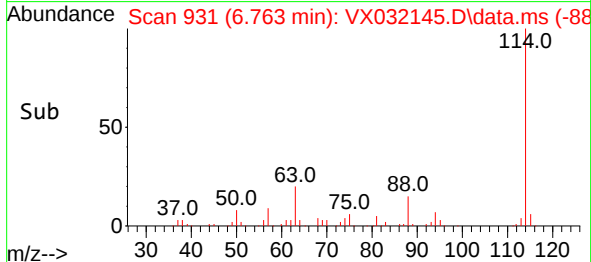
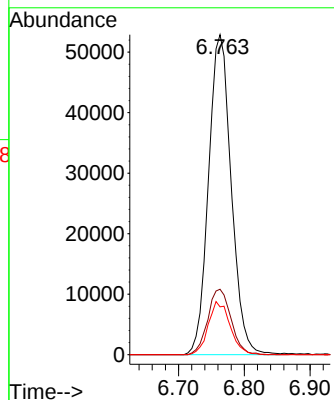
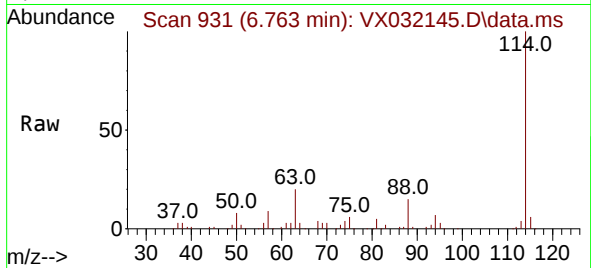




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

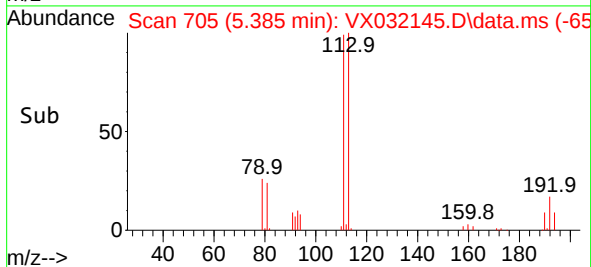
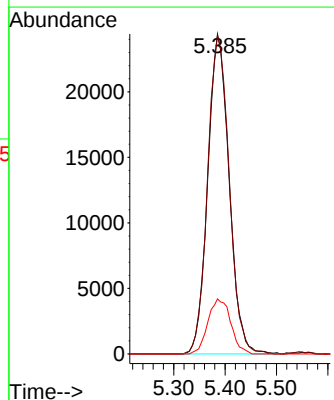
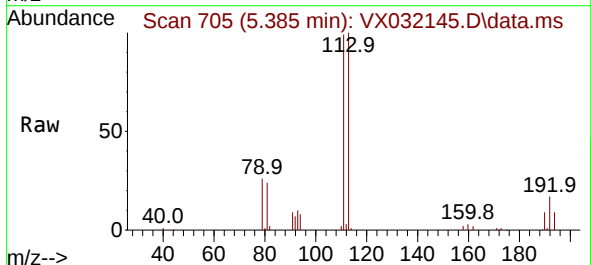
Instrument :
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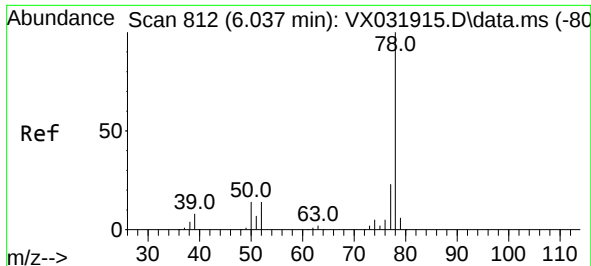
Tgt Ion:114 Resp: 127086
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032145.D
Acq: 14 Oct 2022 19:20

Tgt Ion:113 Resp: 70511
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 18.3 14.1 21.1





#40

Benzene

Concen: 0.653 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX032145.D

Acq: 14 Oct 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

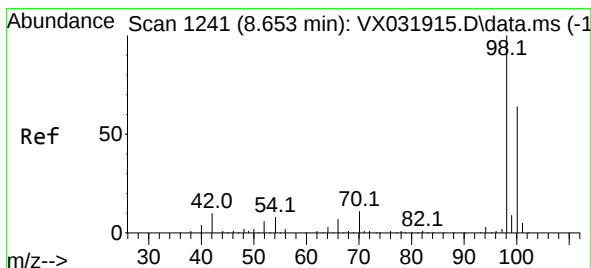
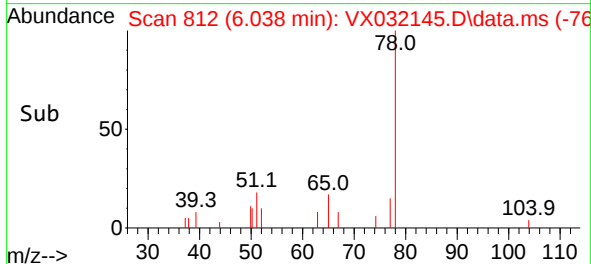
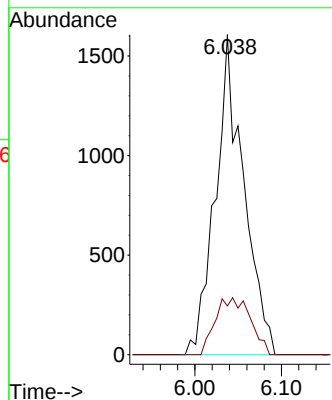
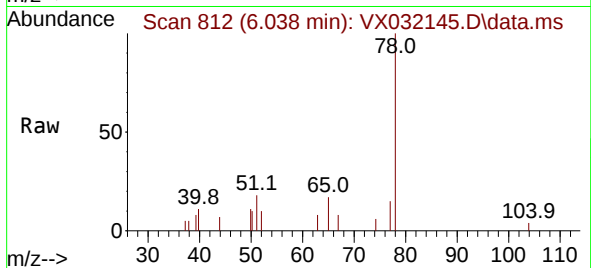
MW-8-101322RE

Tgt Ion: 78 Resp: 3647

Ion Ratio Lower Upper

78 100

77 15.2 18.7 28.1#



#50

Toluene-d8

Concen: 41.547 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032145.D

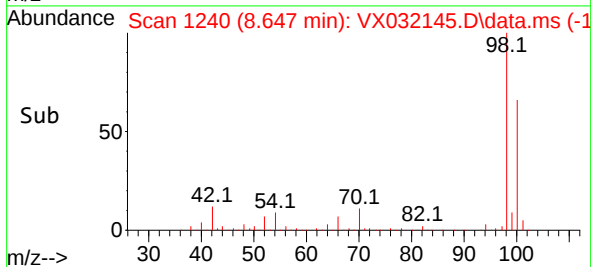
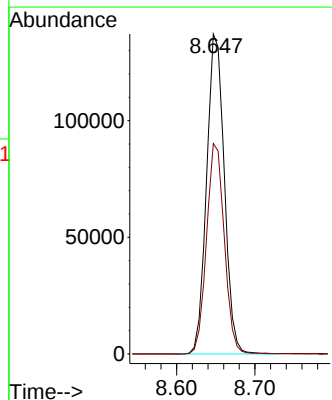
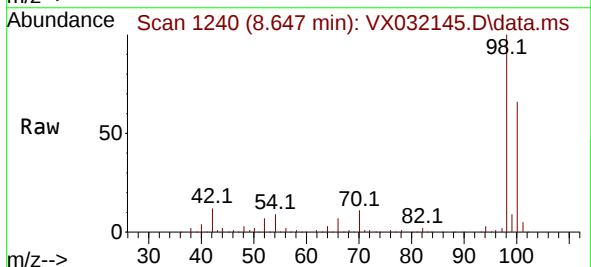
Acq: 14 Oct 2022 19:20

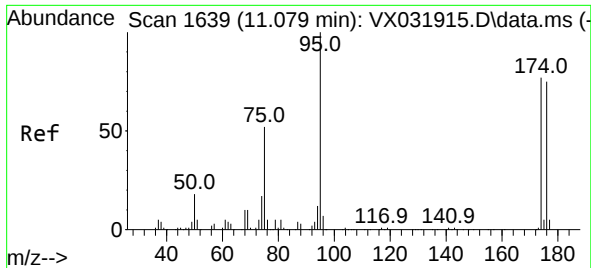
Tgt Ion: 98 Resp: 215061

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.180 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032145.D

Acq: 14 Oct 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-8-101322RE

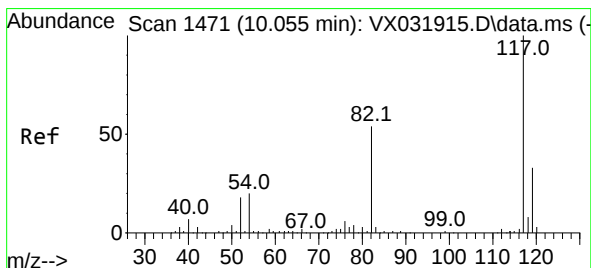
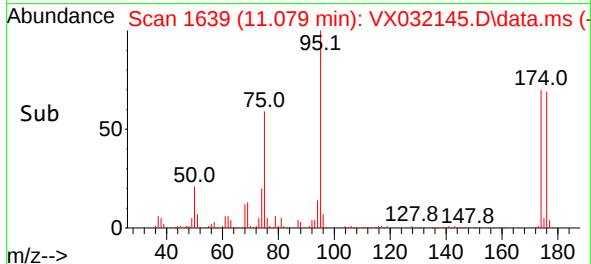
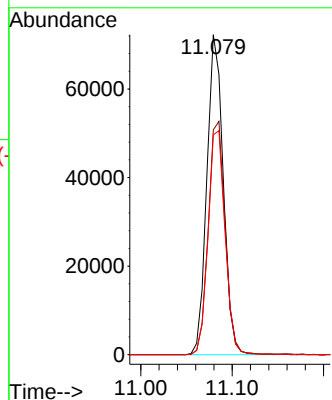
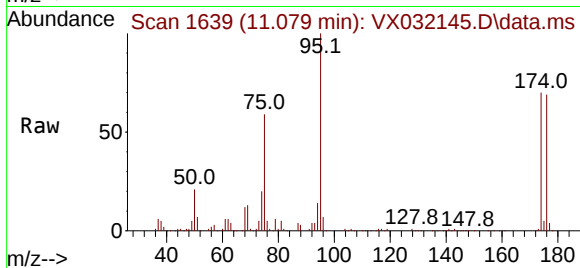
Tgt Ion: 95 Resp: 89999

Ion Ratio Lower Upper

95 100

174 75.1 0.0 153.2

176 72.4 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032145.D

Acq: 14 Oct 2022 19:20

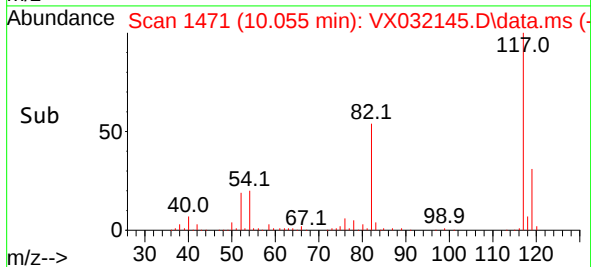
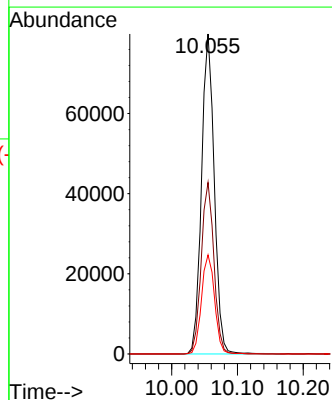
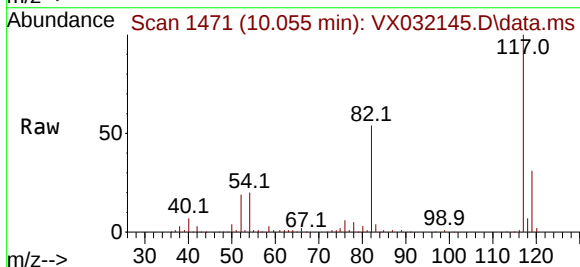
Tgt Ion: 117 Resp: 107434

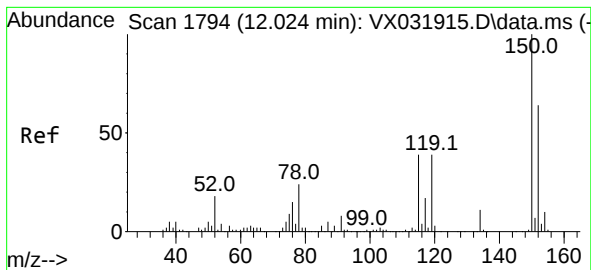
Ion Ratio Lower Upper

117 100

82 53.6 46.8 70.2

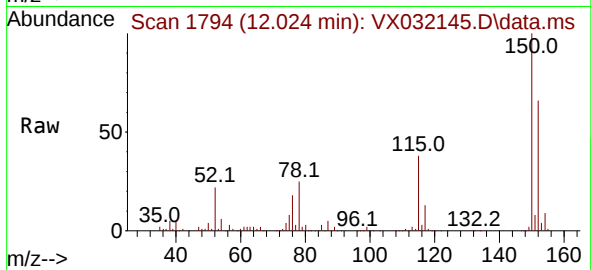
119 30.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032145.D
 Acq: 14 Oct 2022 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-101322RE



Tgt Ion:152 Resp: 80307
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.4 130.1
 150 156.8 0.0 346.8

