

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033915.D
 Acq On : 26 Jan 2023 17:28
 Operator : JC/MD
 Sample : 01323-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jan 27 02:57:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

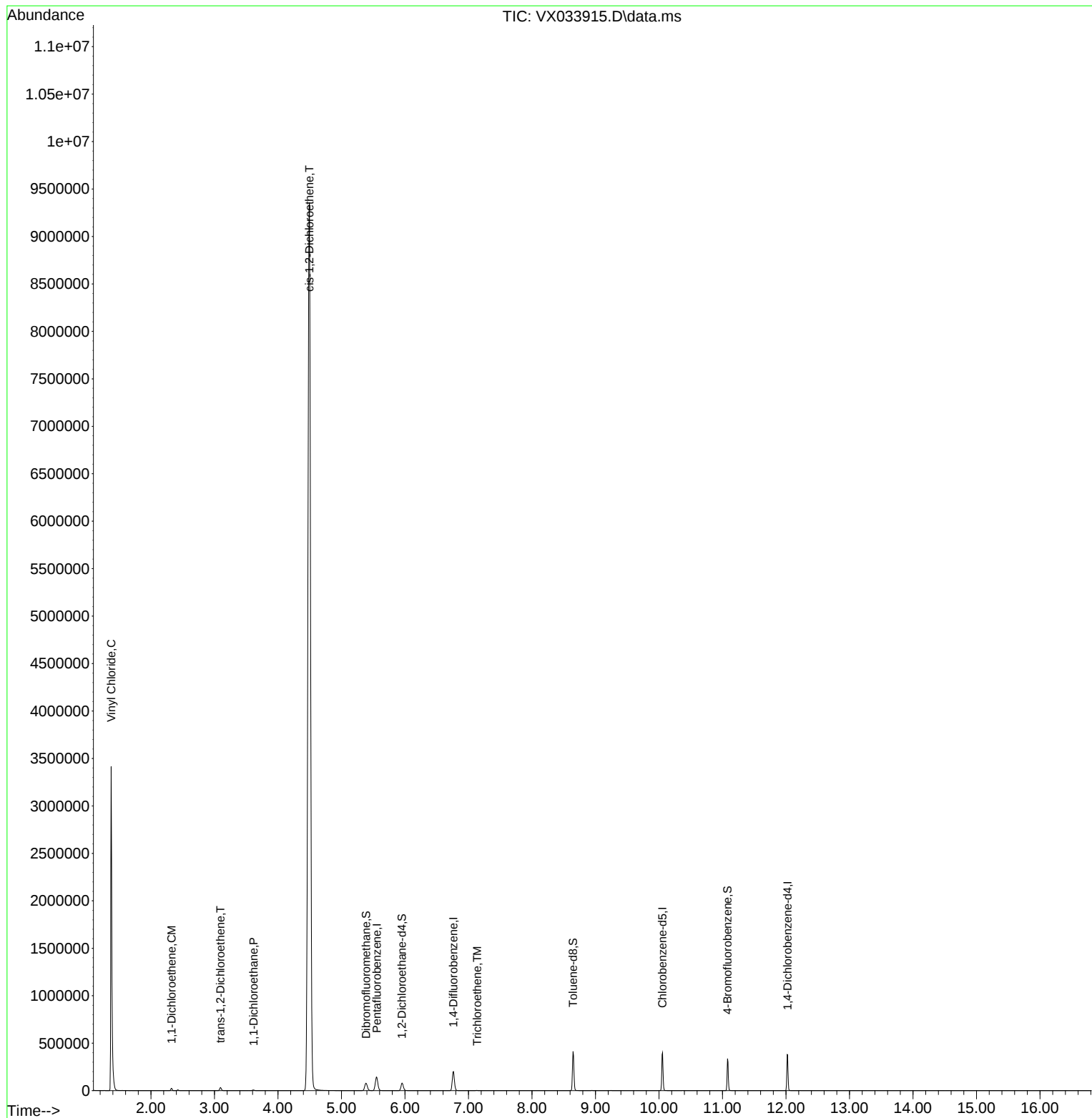
Internal Standards						
1) Pentafluorobenzene	5.556	168	156574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74053	44.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.840%
35) Dibromofluoromethane	5.385	113	69958	50.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	8.647	98	254538	50.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	87574	46.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2439444	1839.173	ug/l	98
12) 1,1-Dichloroethene	2.325	96	8830	6.931	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14069	9.446	ug/l	98
24) 1,1-Dichloroethane	3.617	63	8301	3.138	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	6510995	3802.530	ug/l	88
44) Trichloroethene	7.135	130	1130	0.683	ug/l	75

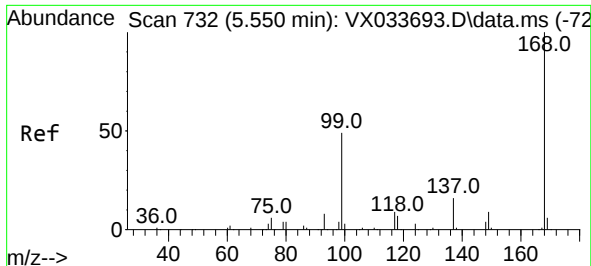
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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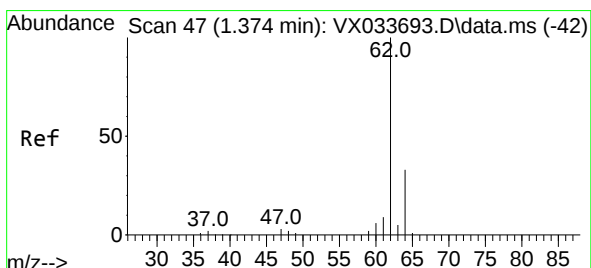
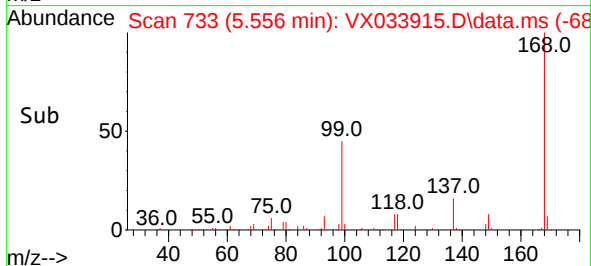
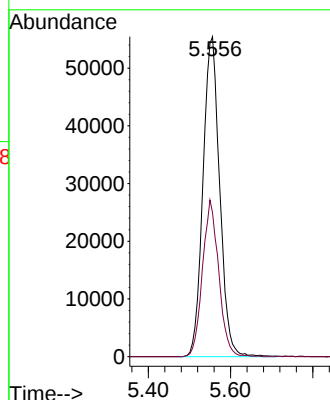
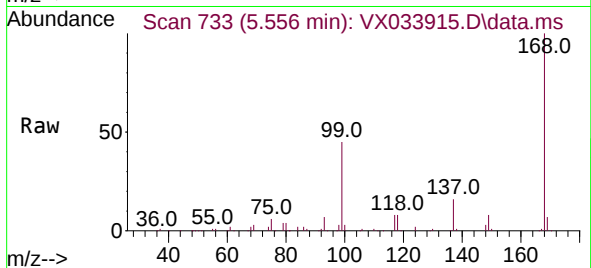




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

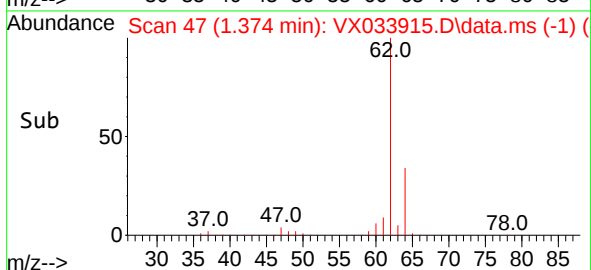
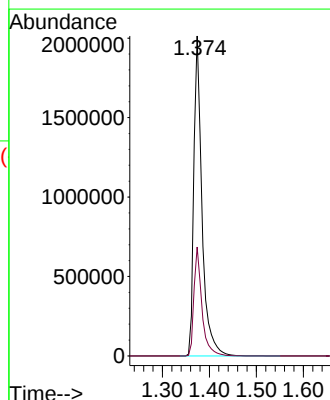
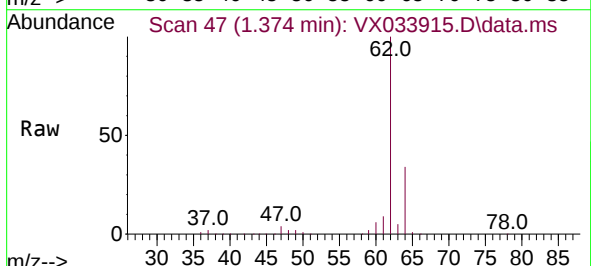
Instrument :
MSVOA_X
ClientSampleId :
MW-22

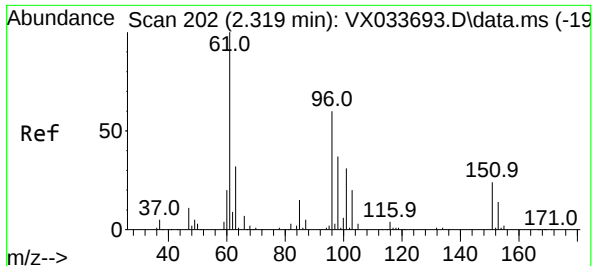
Tgt Ion:168 Resp: 156574
Ion Ratio Lower Upper
168 100
99 45.0 39.6 59.4



#4
Vinyl Chloride
Concen: 1839.173 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

Tgt Ion: 62 Resp: 2439444
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.4





#12

1,1-Dichloroethene

Concen: 6.931 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX033915.D

Acq: 26 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

MW-22

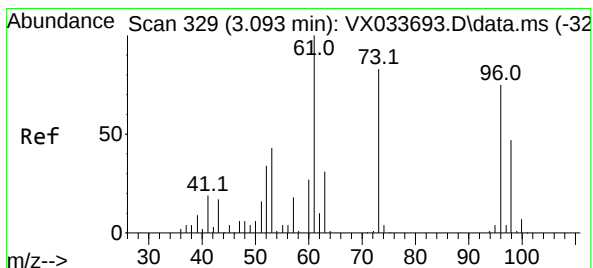
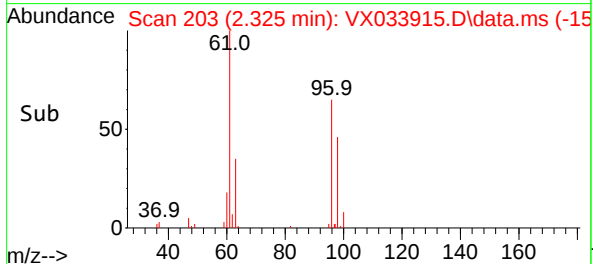
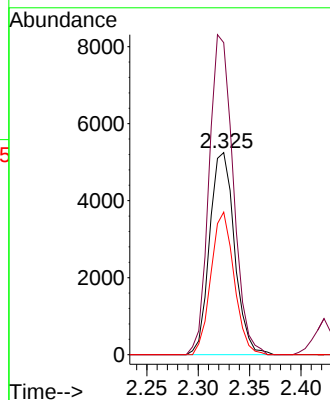
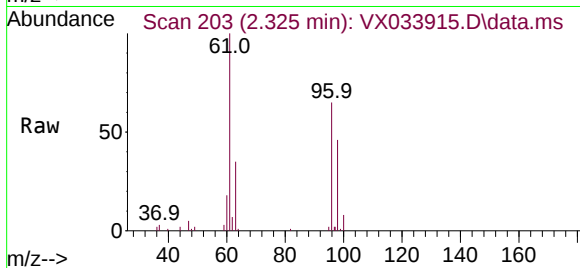
Tgt Ion: 96 Resp: 8830

Ion Ratio Lower Upper

96 100

61 154.4 134.2 201.4

98 70.5 50.2 75.2



#21

trans-1,2-Dichloroethene

Concen: 9.446 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX033915.D

Acq: 26 Jan 2023 17:28

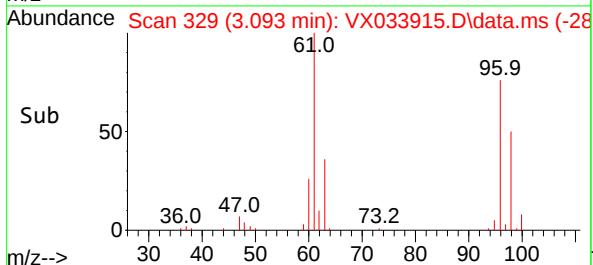
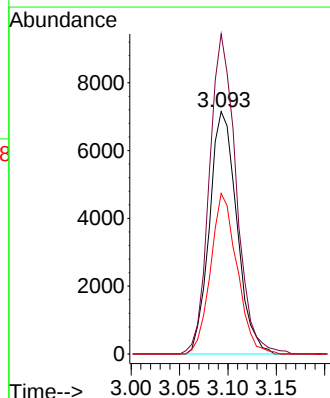
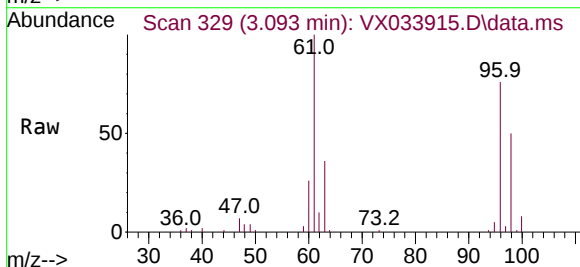
Tgt Ion: 96 Resp: 14069

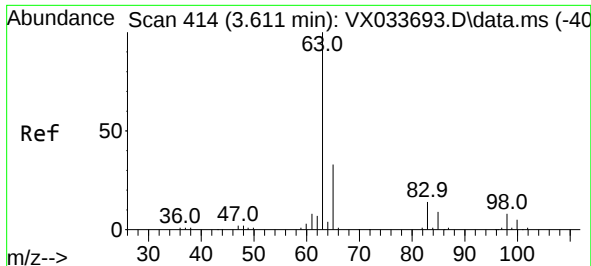
Ion Ratio Lower Upper

96 100

61 132.0 106.7 160.1

98 66.2 50.0 75.0

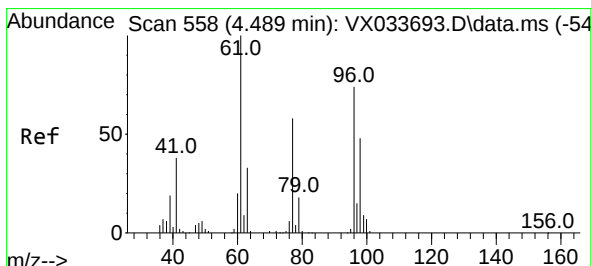
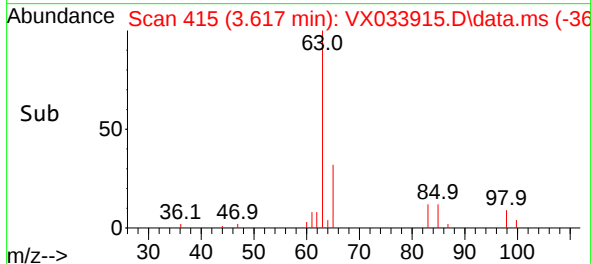
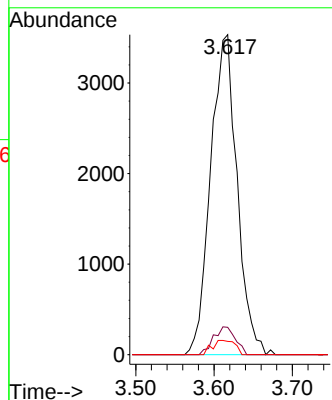
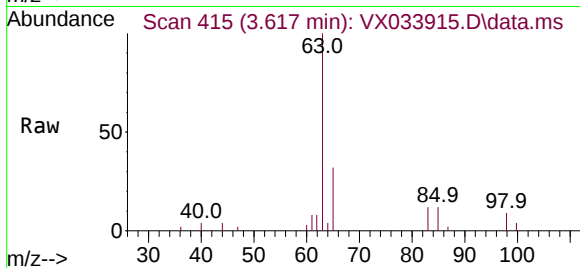




#24
1,1-Dichloroethane
Concen: 3.138 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

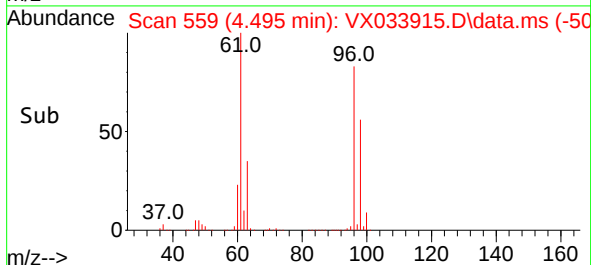
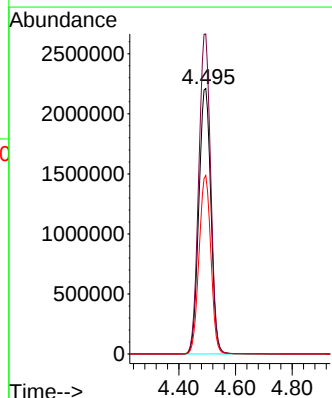
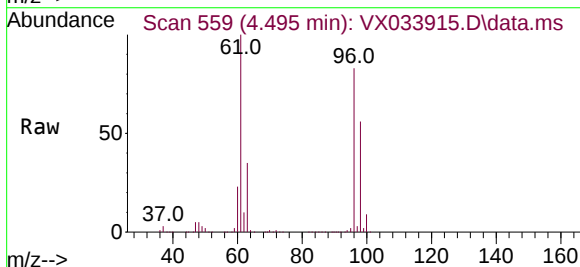
Instrument :
MSVOA_X
ClientSampleId :
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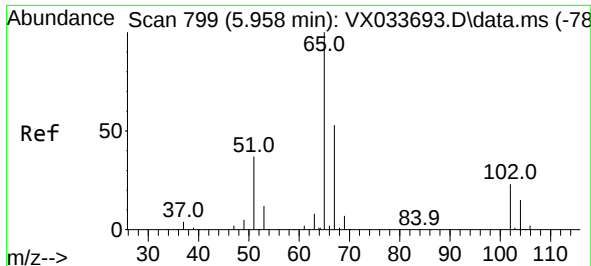
Tgt Ion: 63 Resp: 8301
Ion Ratio Lower Upper
63 100
98 8.6 3.8 11.2
100 4.1 2.4 7.2



#27
cis-1,2-Dichloroethene
Concen: 3802.530 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

Tgt Ion: 96 Resp: 6510995
Ion Ratio Lower Upper
96 100
61 119.5 0.0 277.6
98 66.0 0.0 128.0

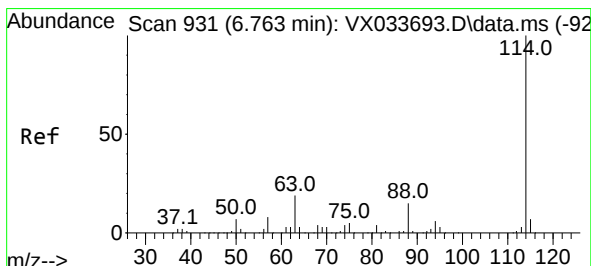
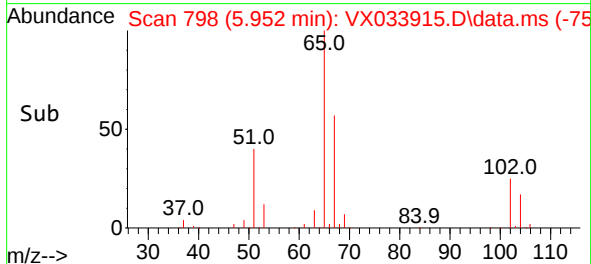
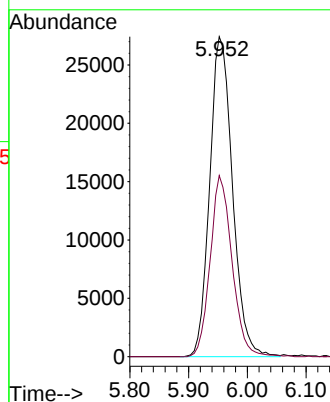
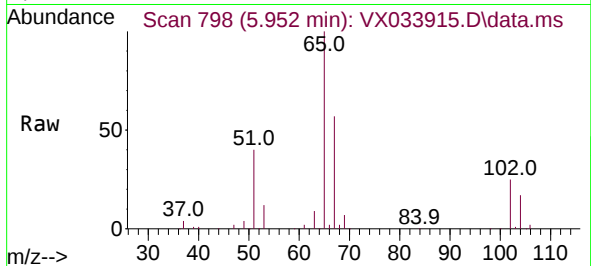




#33
 1,2-Dichloroethane-d4
 Concen: 44.919 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033915.D
 Acq: 26 Jan 2023 17:28

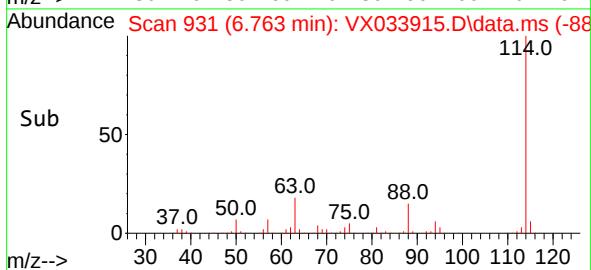
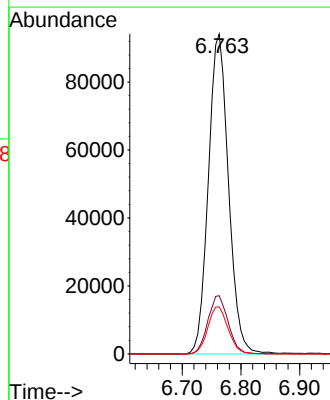
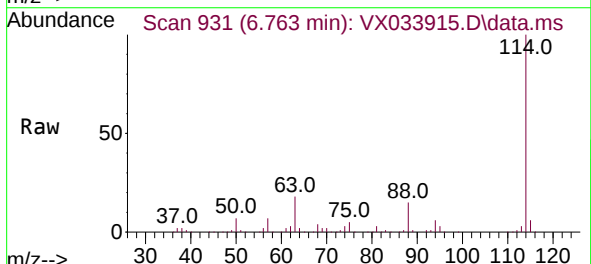
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

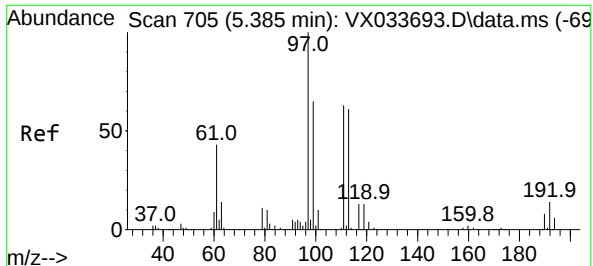
Tgt Ion: 65 Resp: 74053
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033915.D
 Acq: 26 Jan 2023 17:28

Tgt Ion: 114 Resp: 223924
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.4
 88 14.7 0.0 30.6

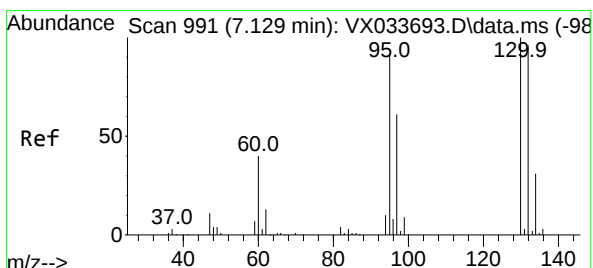
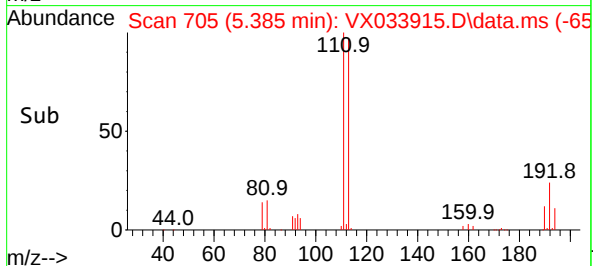
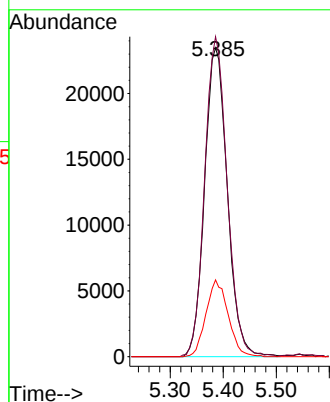
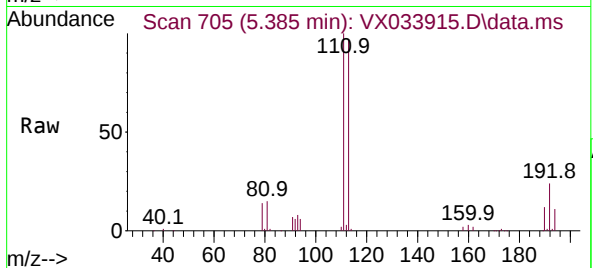




#35
Dibromofluoromethane
Concen: 50.313 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

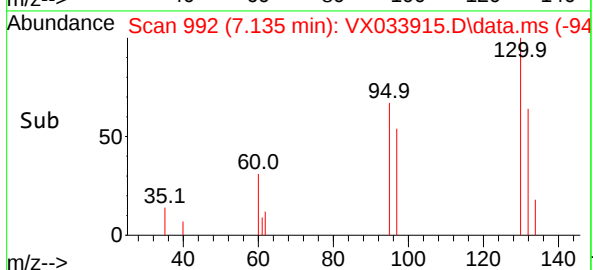
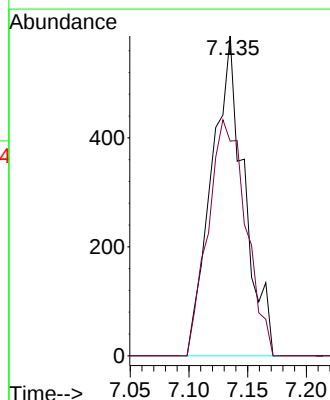
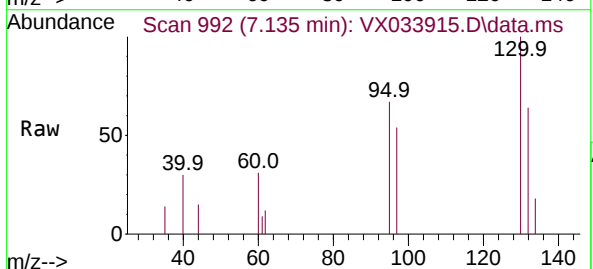
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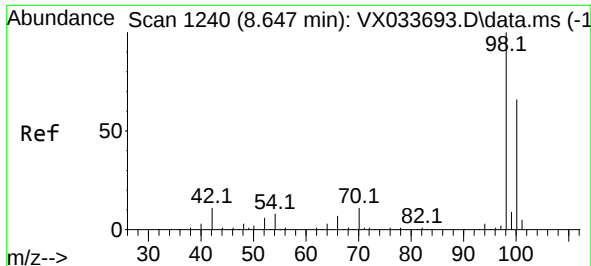
Tgt Ion:113 Resp: 69958
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 24.2 19.0 28.4



#44
Trichloroethene
Concen: 0.683 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

Tgt Ion:130 Resp: 1130
Ion Ratio Lower Upper
130 100
95 67.1 0.0 182.6

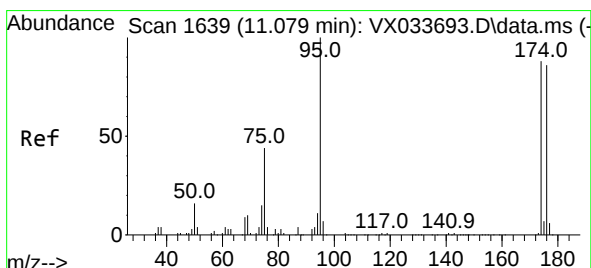
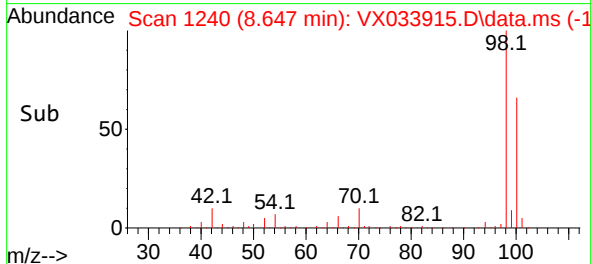
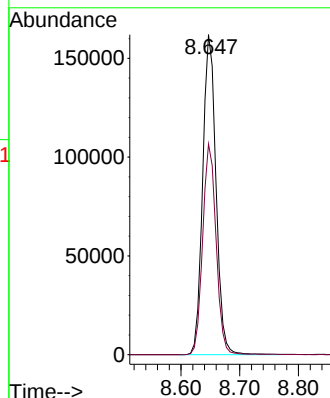
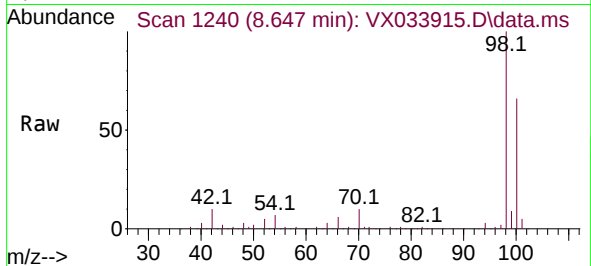




#50
Toluene-d8
Concen: 50.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

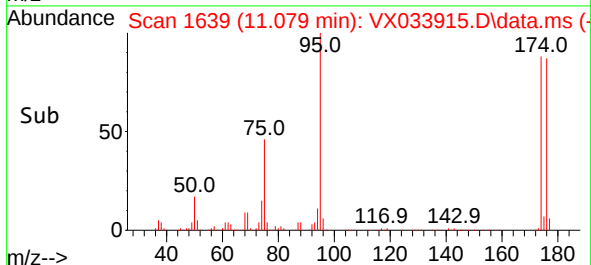
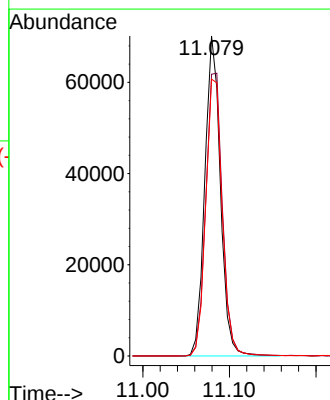
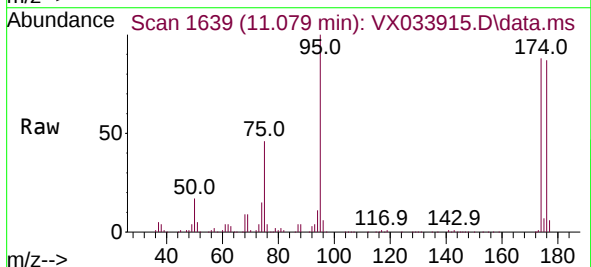
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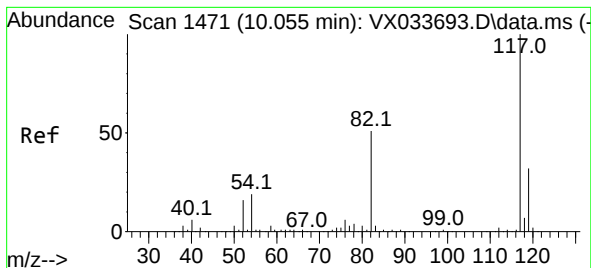
Tgt Ion: 98 Resp: 254538
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033915.D
Acq: 26 Jan 2023 17:28

Tgt Ion: 95 Resp: 87574
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 92.0 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033915.D

Acq: 26 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

MW-22

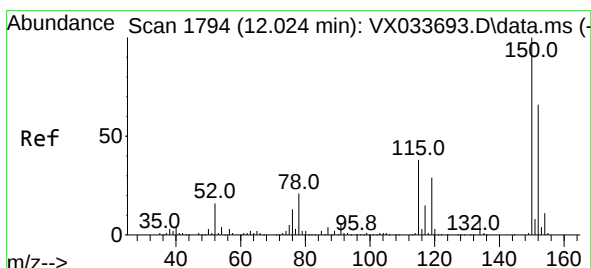
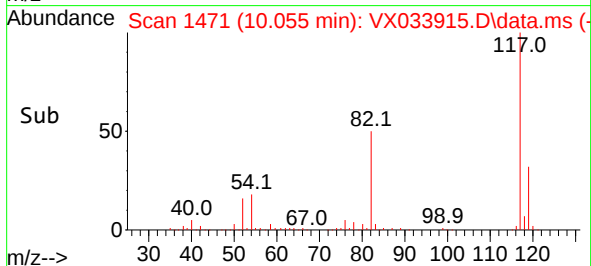
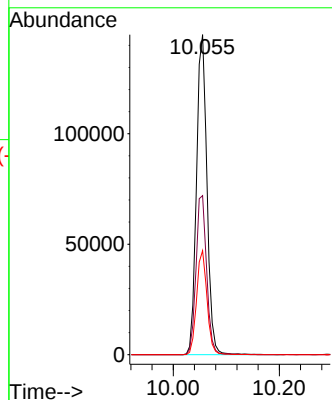
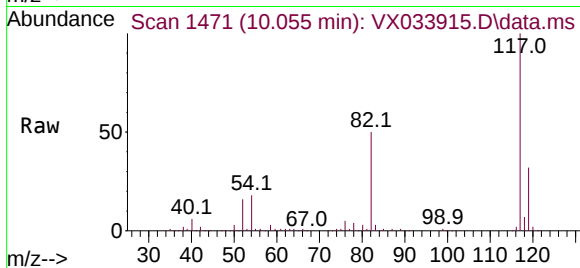
Tgt Ion:117 Resp: 197683

Ion Ratio Lower Upper

117 100

82 49.7 40.6 60.8

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033915.D

Acq: 26 Jan 2023 17:28

Tgt Ion:152 Resp: 92200

Ion Ratio Lower Upper

152 100

115 53.2 38.7 116.1

150 154.9 0.0 348.2

