

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029959.D
 Acq On : 07 Jul 2022 16:51
 Operator : JC/MD
 Sample : N3617-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Jul 08 05:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

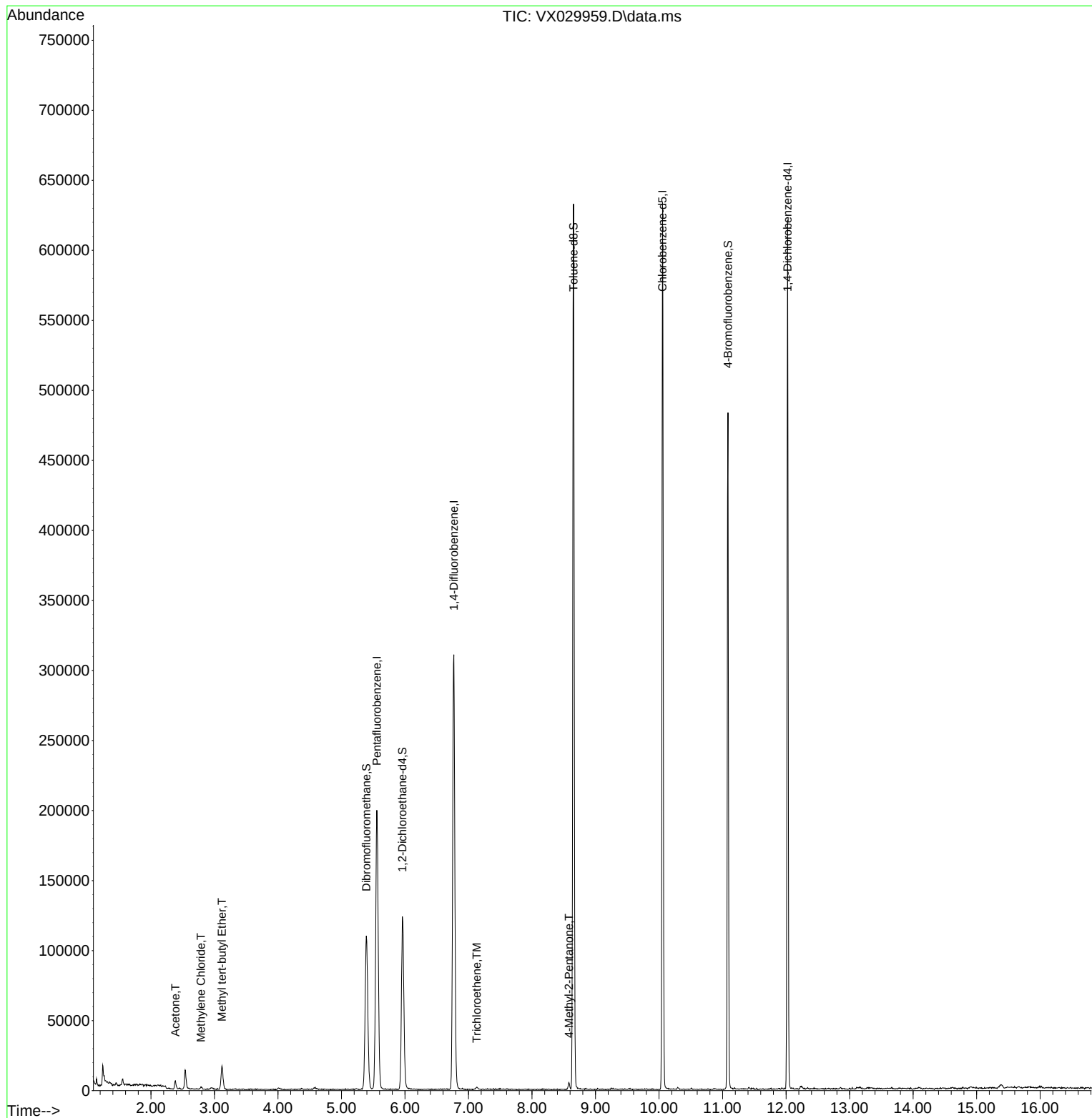
Internal Standards						
1) Pentafluorobenzene	5.556	168	198766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108363	43.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.140%
35) Dibromofluoromethane	5.391	113	98532	46.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.653	98	387365	48.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.085	95	128749	45.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	6179	5.020	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	17926	2.594	ug/l	94
20) Methylene Chloride	2.788	84	778	0.299	ug/l #	77
44) Trichloroethene	7.129	130	785	0.319	ug/l	71
51) 4-Methyl-2-Pentanone	8.579	43	3315	0.865	ug/l	98

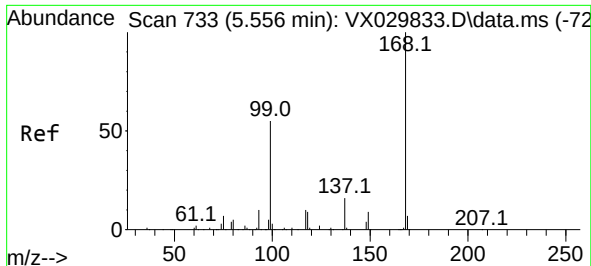
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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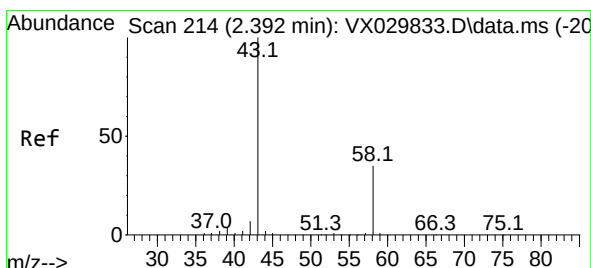
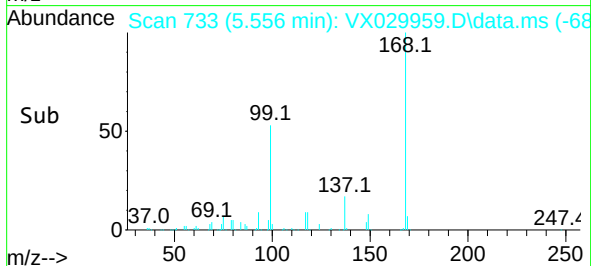
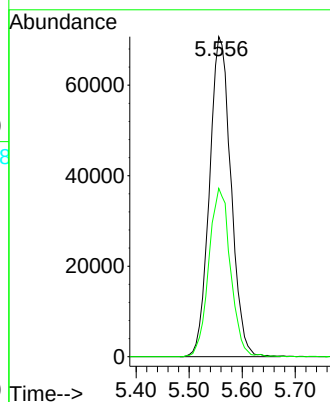
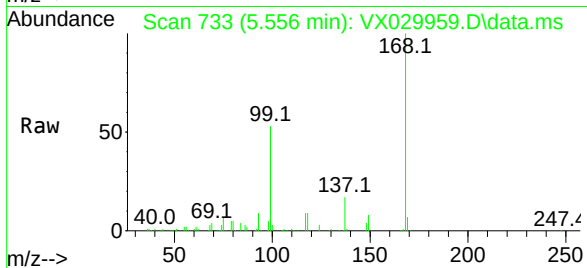




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

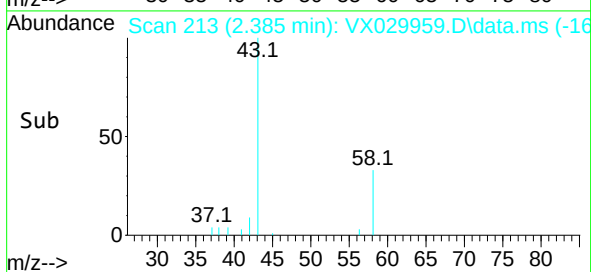
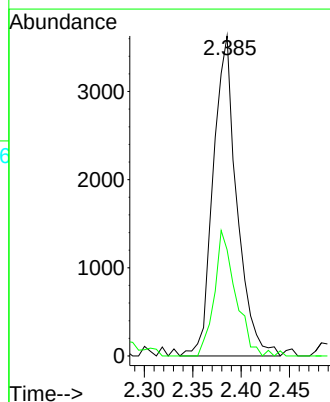
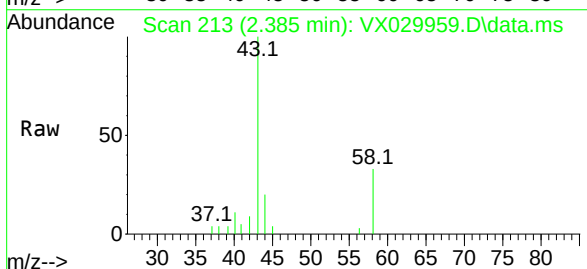
Instrument :
MSVOA_X
ClientSampleId :
MW-04

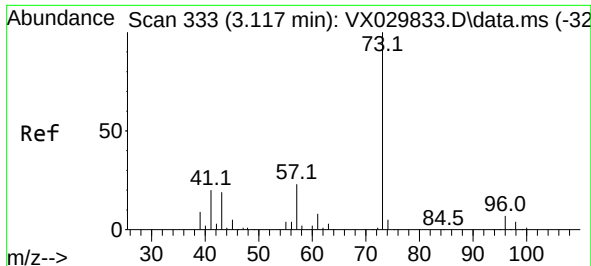
Tgt Ion:168 Resp: 198766
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#16
Acetone
Concen: 5.020 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

Tgt Ion: 43 Resp: 6179
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5

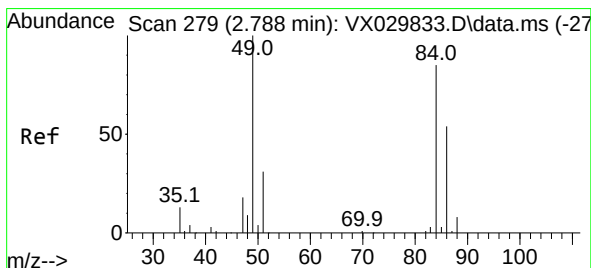
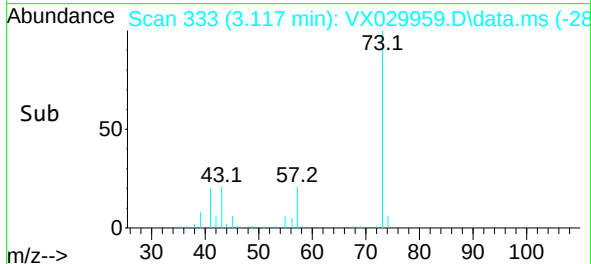
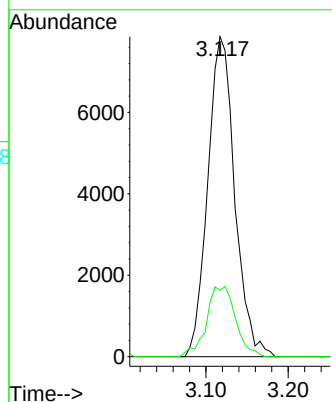
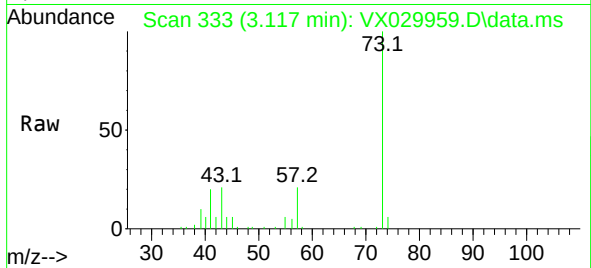




#19
Methyl tert-butyl Ether
Concen: 2.594 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

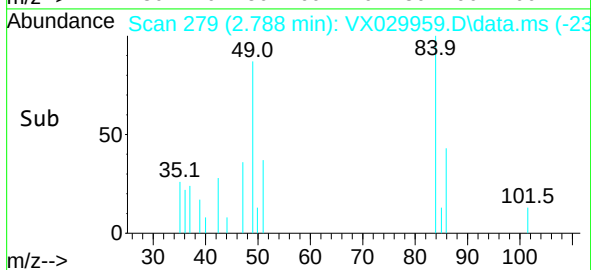
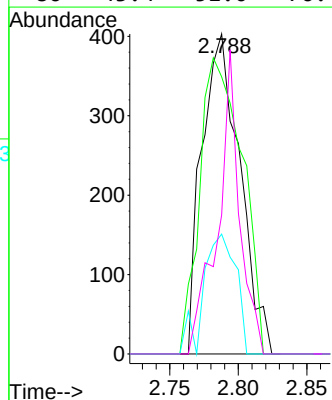
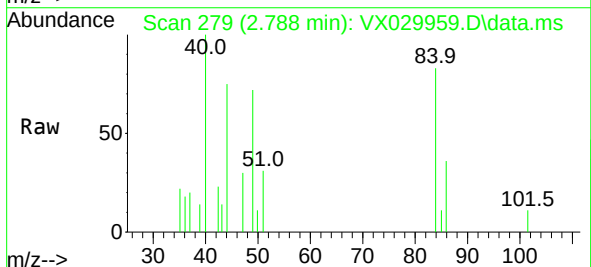
Instrument :
MSVOA_X
ClientSampleId :
MW-04

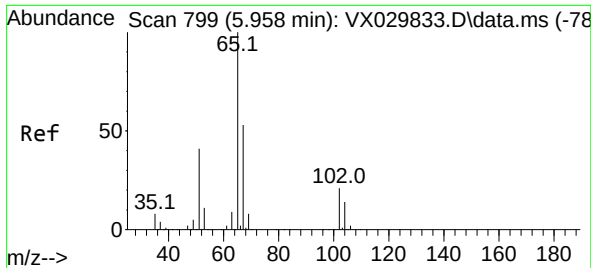
Tgt Ion: 73 Resp: 17926
Ion Ratio Lower Upper
73 100
57 20.7 19.0 28.6



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

Tgt Ion: 84 Resp: 778
Ion Ratio Lower Upper
84 100
49 86.6 93.8 140.6#
51 37.5 29.4 44.0
86 43.4 51.0 76.4#





#33

1,2-Dichloroethane-d4

Concen: 43.069 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029959.D

Acq: 07 Jul 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

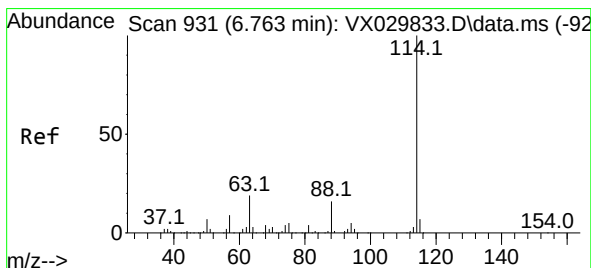
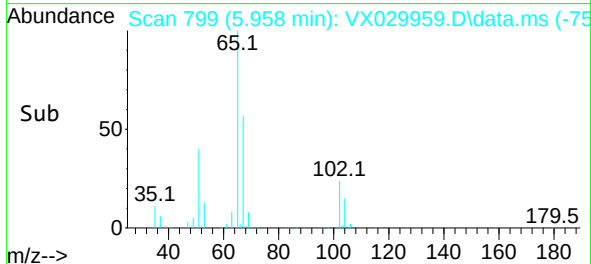
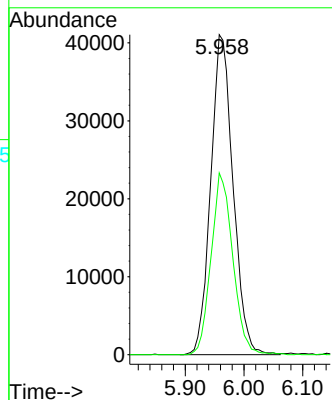
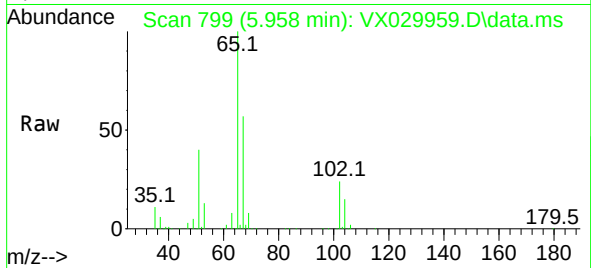
MW-04

Tgt Ion: 65 Resp: 108363

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029959.D

Acq: 07 Jul 2022 16:51

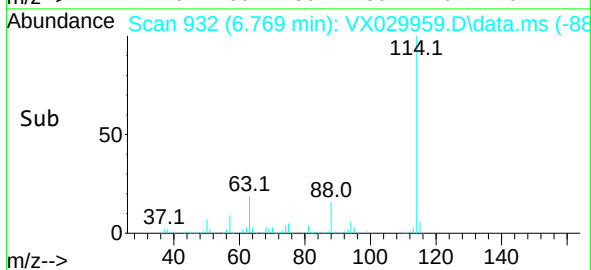
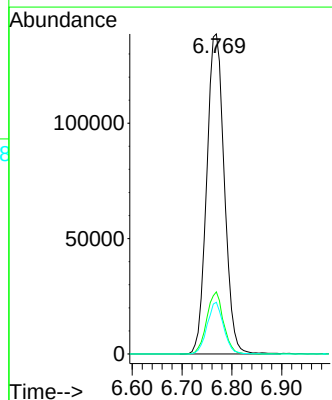
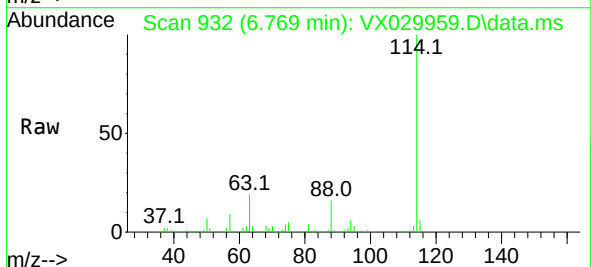
Tgt Ion: 114 Resp: 339628

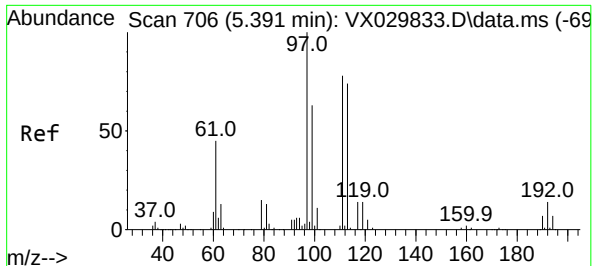
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.423 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029959.D

Acq: 07 Jul 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-04

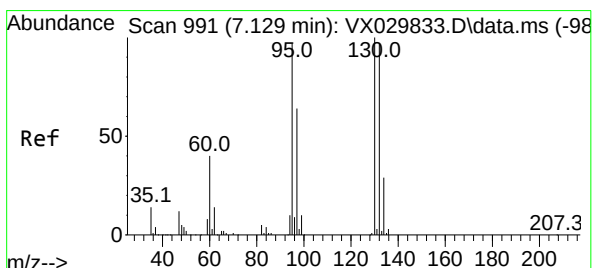
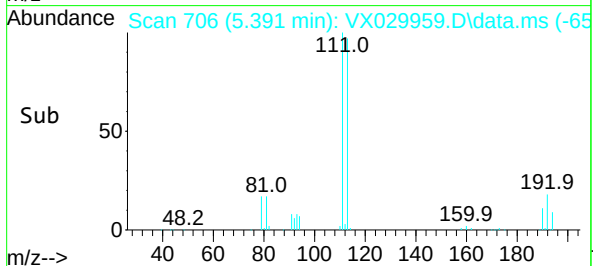
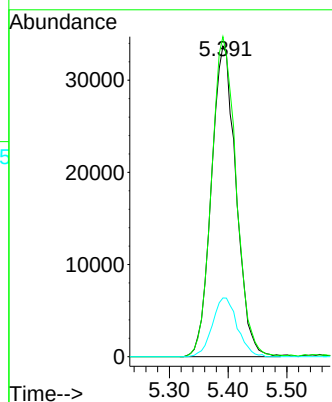
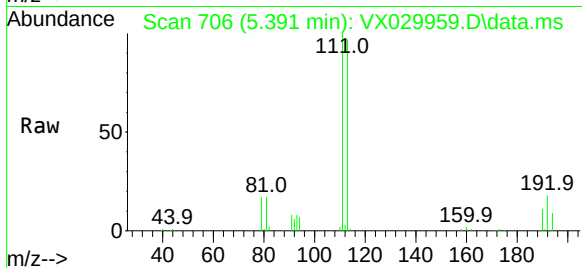
Tgt Ion:113 Resp: 98532

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 19.1 14.8 22.2



#44

Trichloroethene

Concen: 0.319 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029959.D

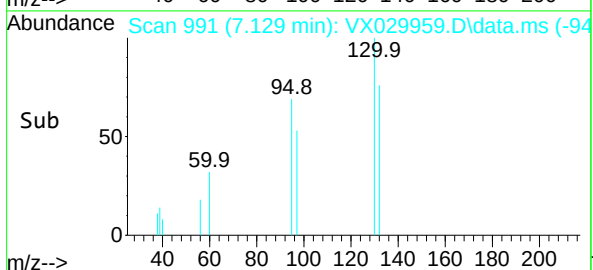
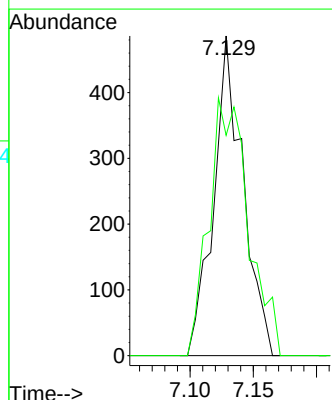
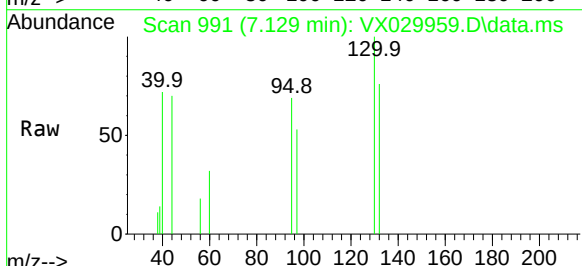
Acq: 07 Jul 2022 16:51

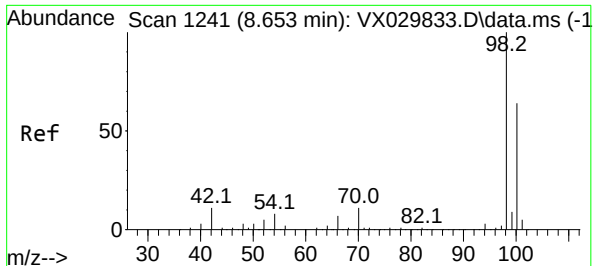
Tgt Ion:130 Resp: 785

Ion Ratio Lower Upper

130 100

95 68.9 0.0 194.8

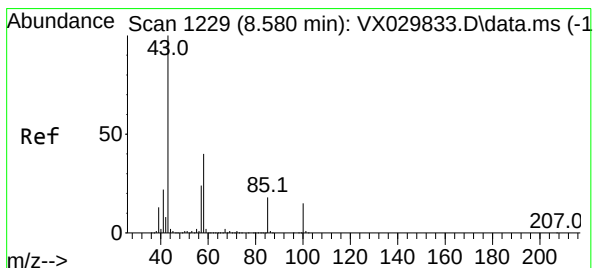
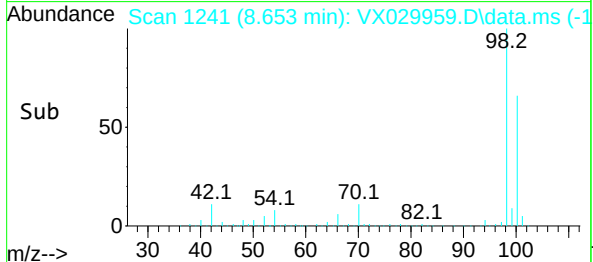
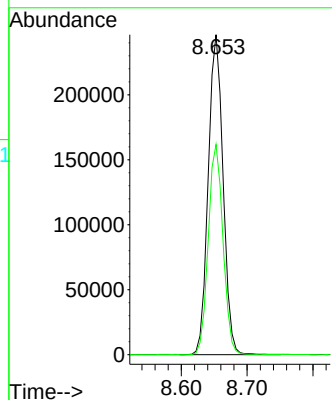
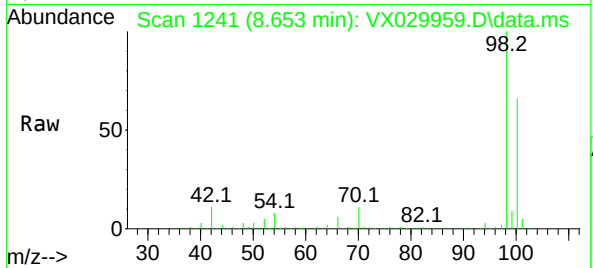




#50
Toluene-d8
Concen: 48.649 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

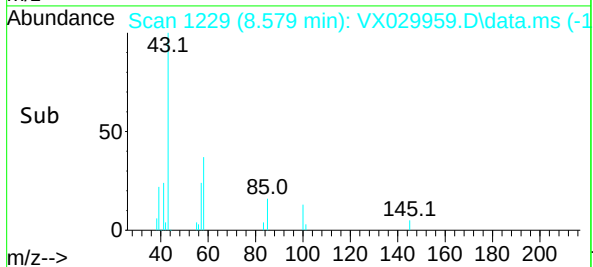
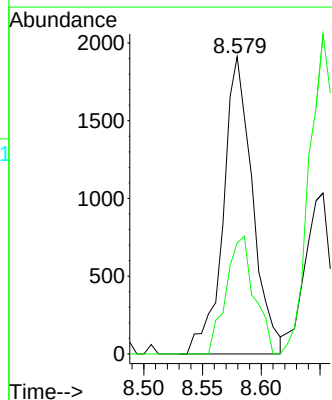
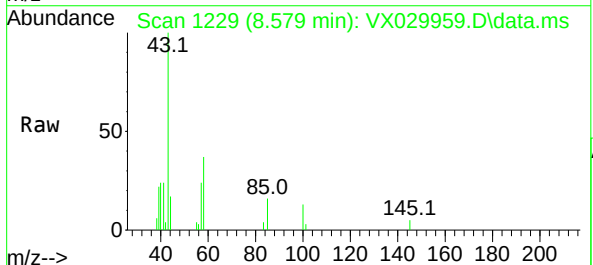
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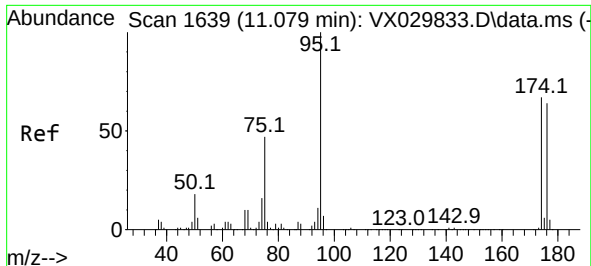
Tgt Ion: 98 Resp: 387365
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.865 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2

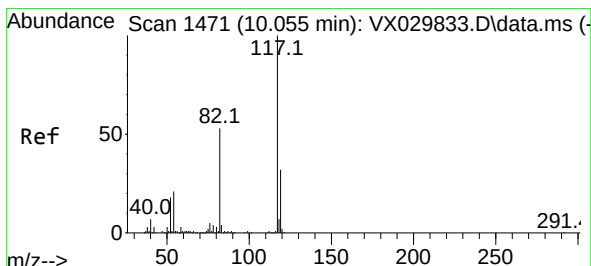
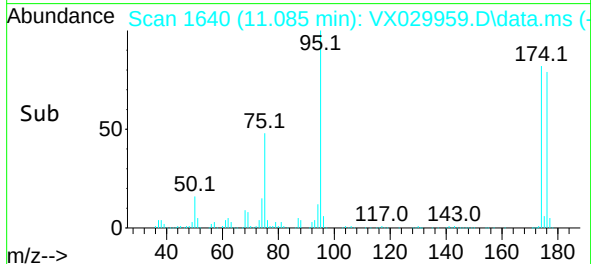
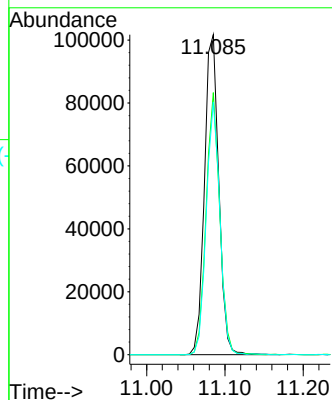
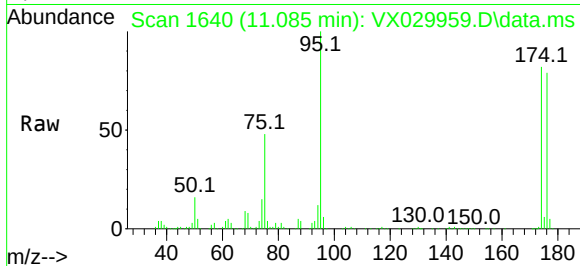




#62
4-Bromofluorobenzene
Concen: 45.743 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

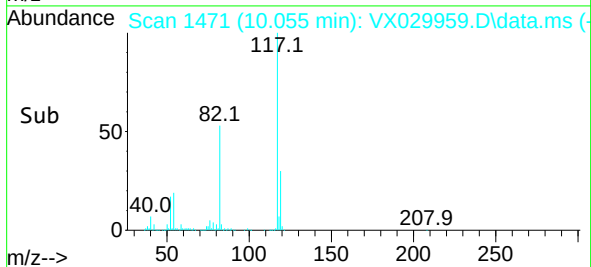
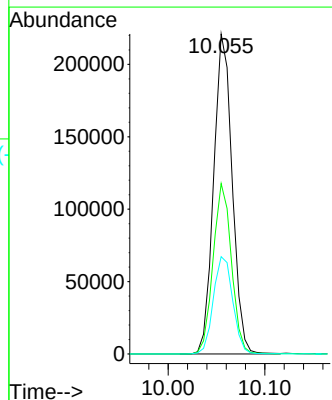
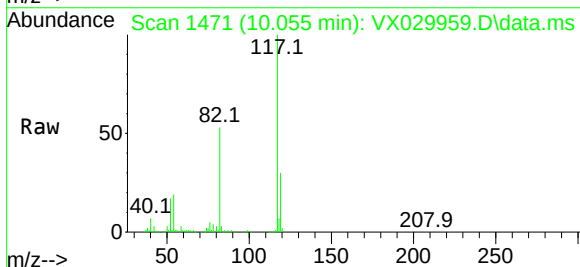
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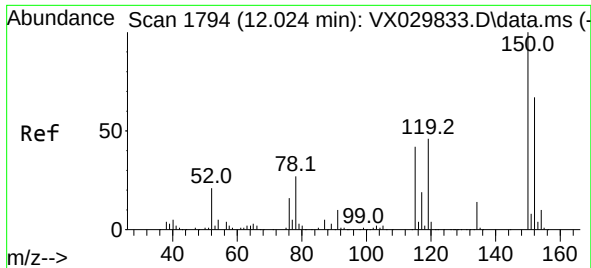
Tgt Ion: 95 Resp: 128749
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.0
176 75.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029959.D
Acq: 07 Jul 2022 16:51

Tgt Ion: 117 Resp: 294012
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 30.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029959.D
 Acq: 07 Jul 2022 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Tgt Ion:152 Resp: 126290
 Ion Ratio Lower Upper
 152 100
 115 60.4 40.5 121.5
 150 155.2 0.0 347.0

