

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038956.D
 Acq On : 20 Nov 2023 14:19
 Operator : JC/MD
 Sample : 05404-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20231109

Quant Time: Nov 21 00:20:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

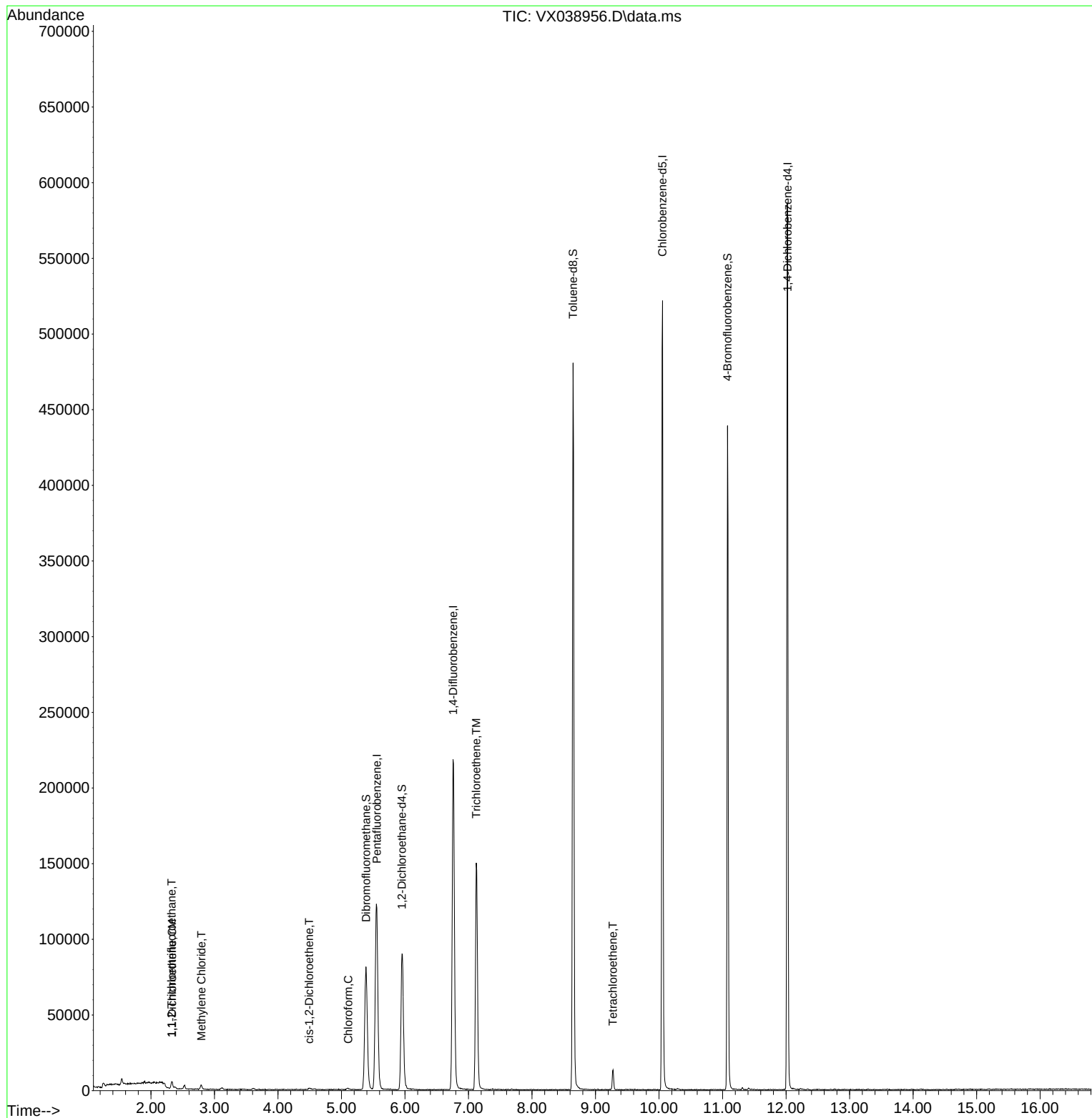
Internal Standards						
1) Pentafluorobenzene	5.556	168	110200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87506	49.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.385	113	70975	44.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.100%
50) Toluene-d8	8.647	98	285034	46.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	124096	50.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.580%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1559	1.146	ug/l	94
12) 1,1-Dichloroethene	2.331	96	390	0.284	ug/l #	66
20) Methylene Chloride	2.794	84	1404	0.824	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	604	0.342	ug/l #	61
30) Chloroform	5.105	83	1440	0.523	ug/l	93
44) Trichloroethene	7.123	130	56008	33.689	ug/l	91
64) Tetrachloroethene	9.275	164	2181	1.499	ug/l	95

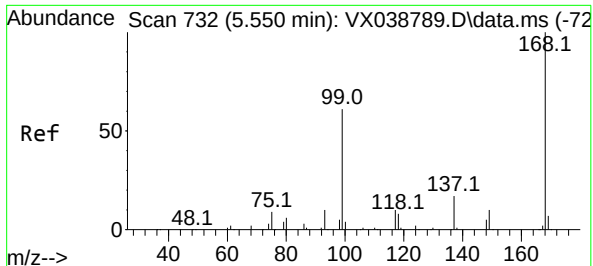
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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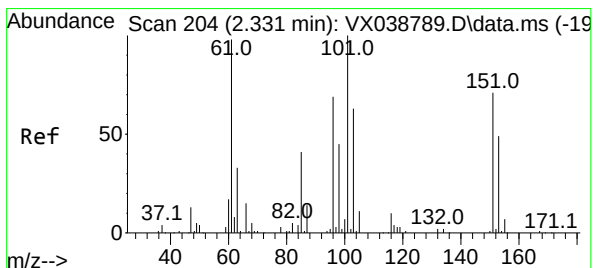
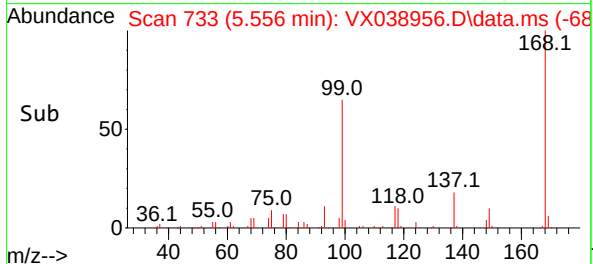
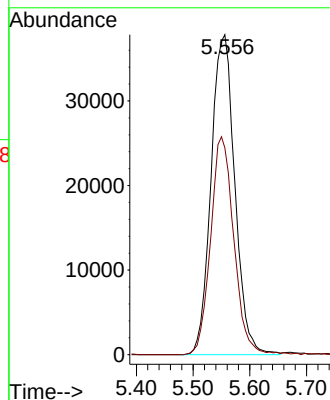
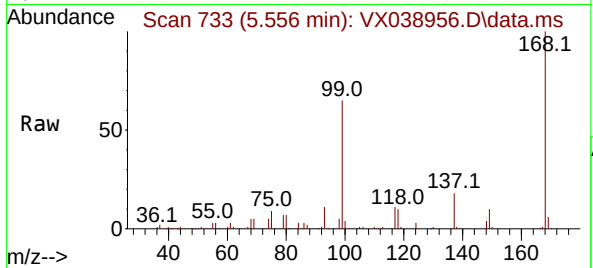




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

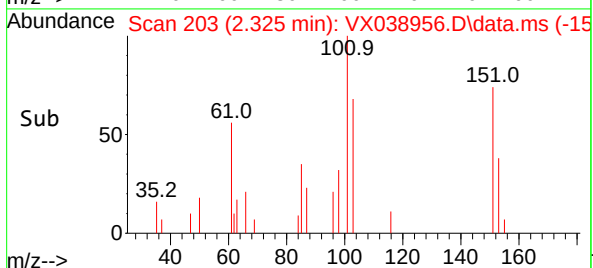
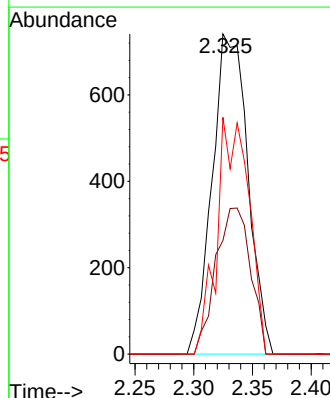
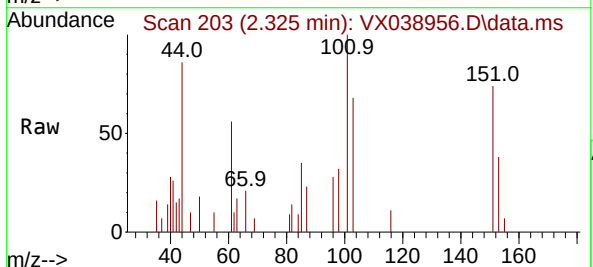
Instrument :
MSVOA_X
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DUP06-20231109

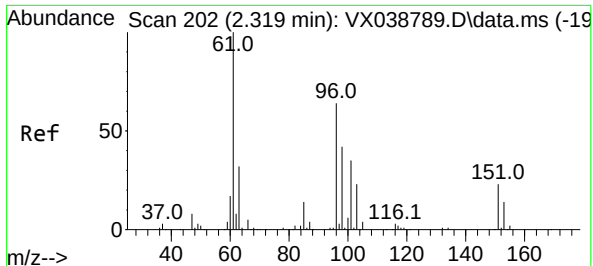
Tgt Ion:168 Resp: 110200
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.146 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

Tgt Ion:101 Resp: 1559
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 66.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.284 ug/l

RT: 2.331 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX038956.D

Acq: 20 Nov 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20231109

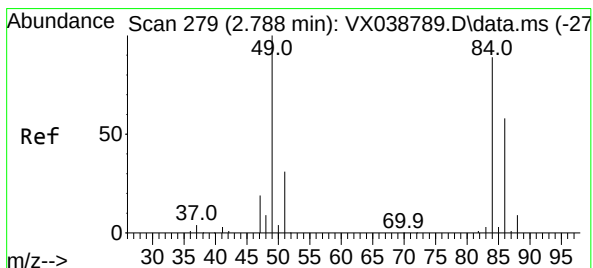
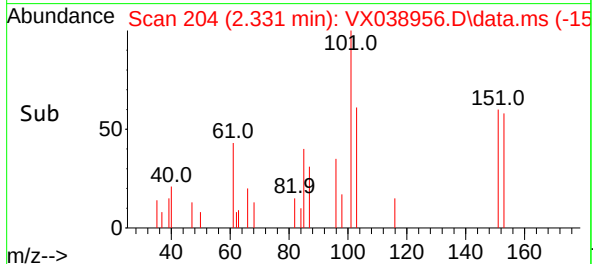
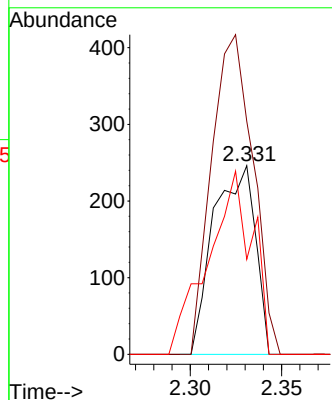
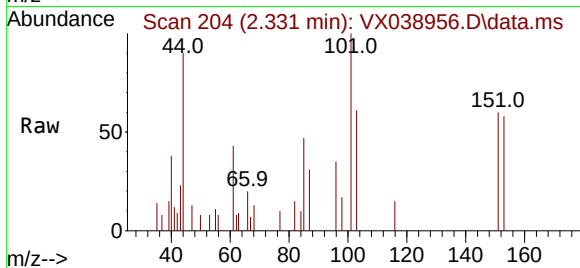
Tgt Ion: 96 Resp: 390

Ion Ratio Lower Upper

96 100

61 123.6 144.6 216.8#

98 50.4 50.4 75.6



#20

Methylene Chloride

Concen: 0.824 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038956.D

Acq: 20 Nov 2023 14:19

Tgt Ion: 84 Resp: 1404

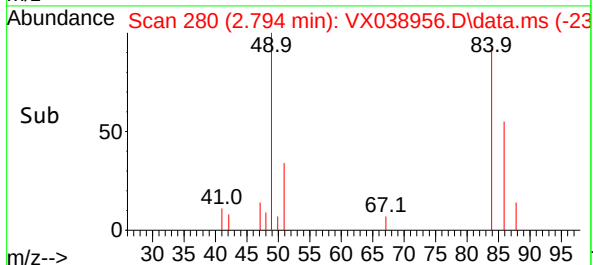
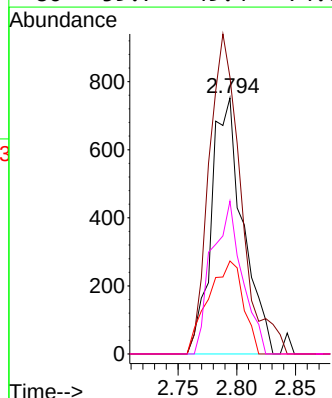
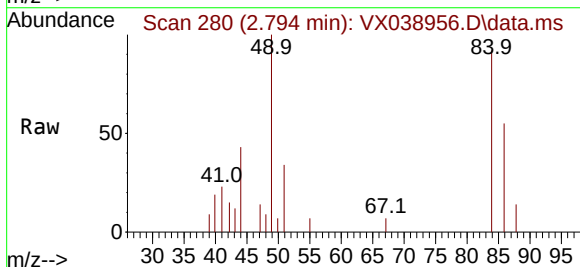
Ion Ratio Lower Upper

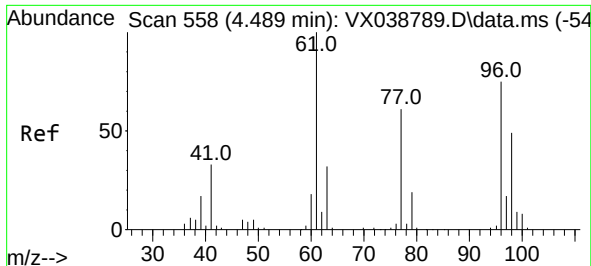
84 100

49 108.1 103.6 155.4

51 36.3 33.8 50.6

86 59.7 49.4 74.0

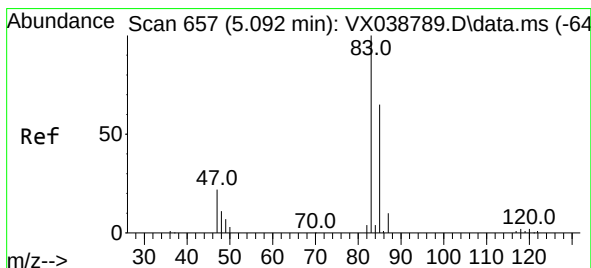
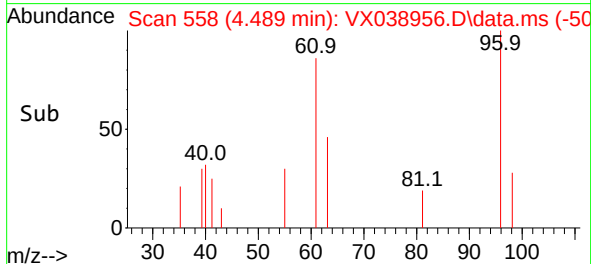
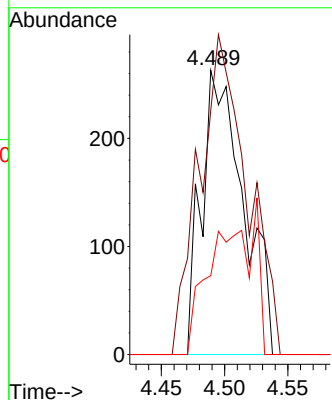
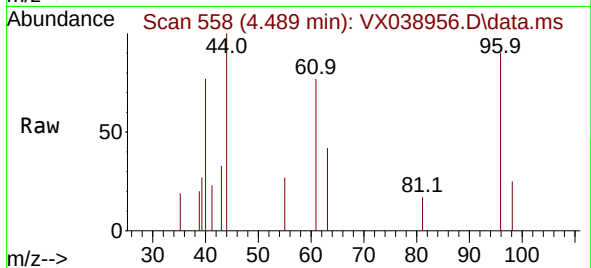




#27
 cis-1,2-Dichloroethene
 Concen: 0.342 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038956.D
 Acq: 20 Nov 2023 14:19

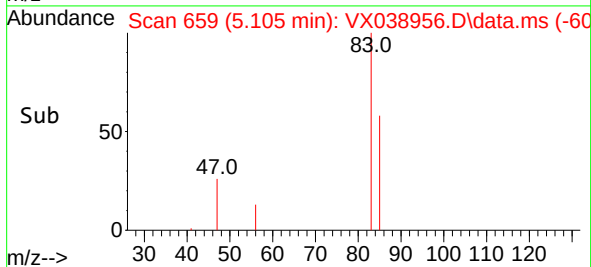
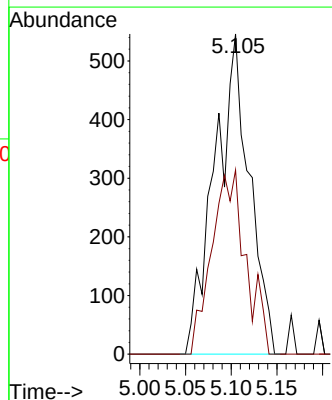
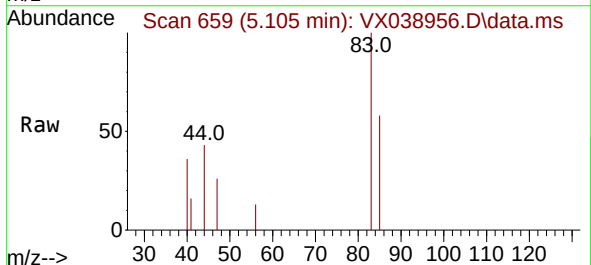
Instrument :
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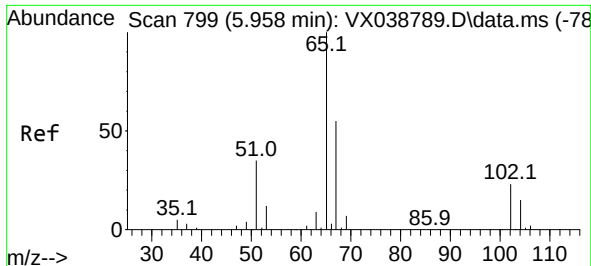
Tgt Ion: 96 Resp: 604
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 312.2
 98 0.0 0.0 129.0



#30
 Chloroform
 Concen: 0.523 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX038956.D
 Acq: 20 Nov 2023 14:19

Tgt Ion: 83 Resp: 1440
 Ion Ratio Lower Upper
 83 100
 85 57.5 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.280 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038956.D

Acq: 20 Nov 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

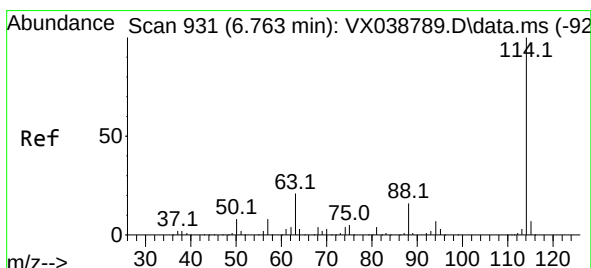
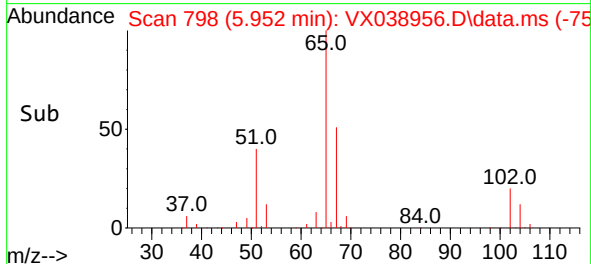
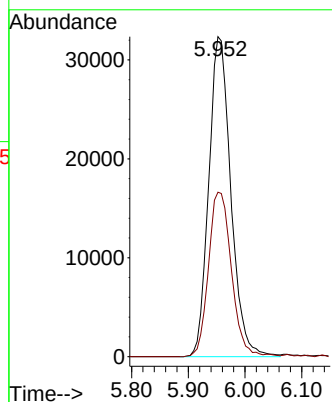
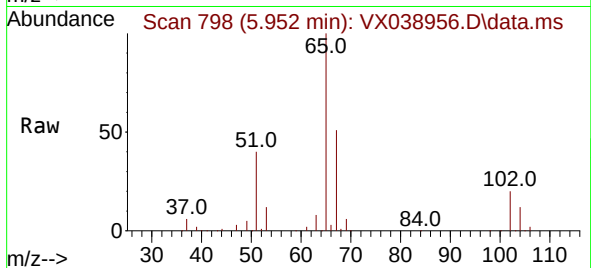
DUP06-20231109

Tgt Ion: 65 Resp: 87506

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038956.D

Acq: 20 Nov 2023 14:19

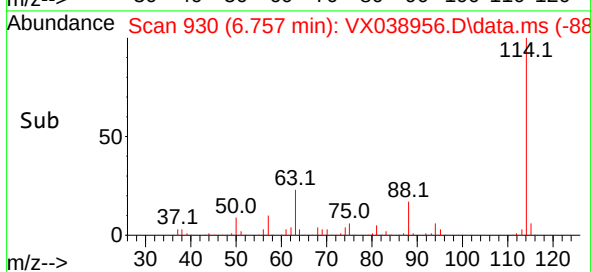
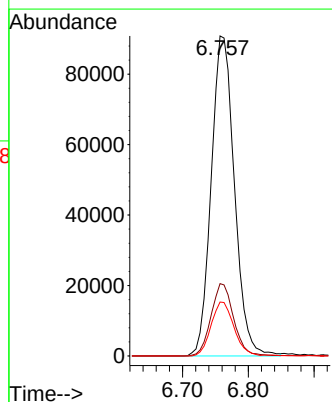
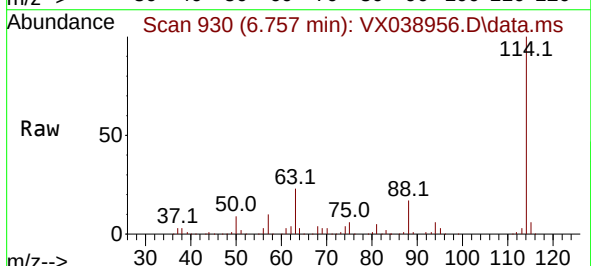
Tgt Ion: 114 Resp: 223095

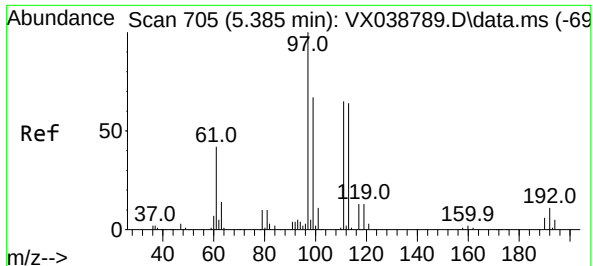
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.8 0.0 36.6

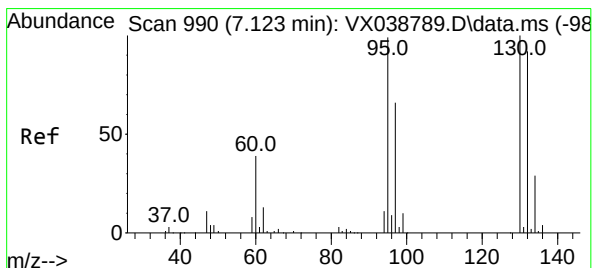
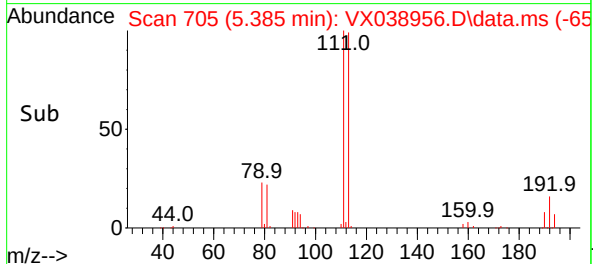
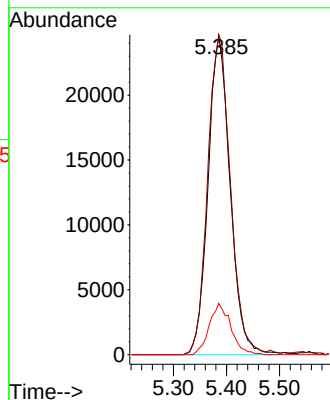
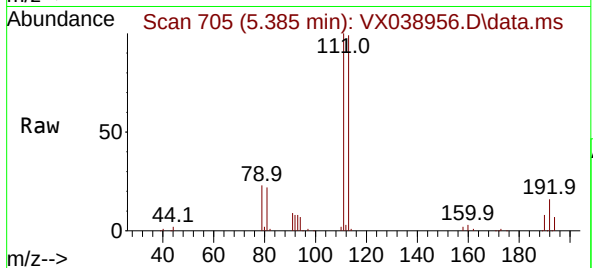




#35
Dibromofluoromethane
Concen: 44.050 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

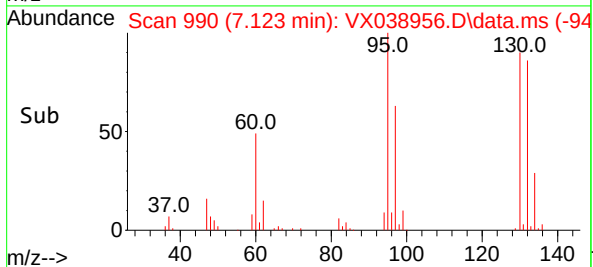
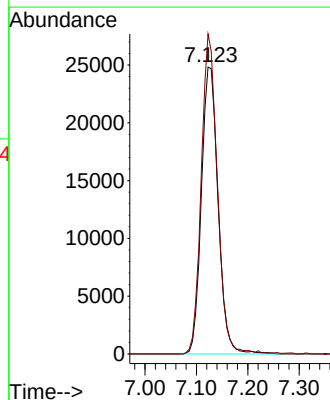
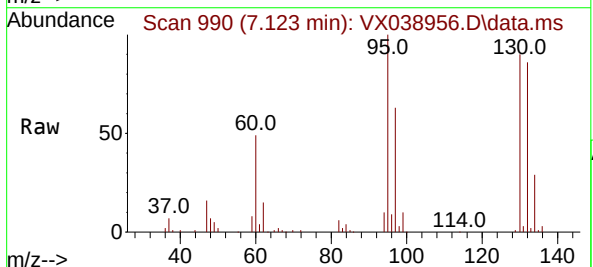
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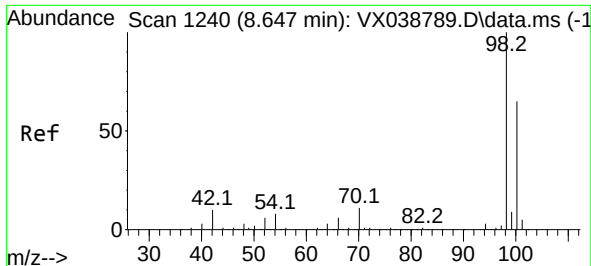
Tgt Ion:113 Resp: 70975
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.7 13.3 19.9



#44
Trichloroethene
Concen: 33.689 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

Tgt Ion:130 Resp: 56008
Ion Ratio Lower Upper
130 100
95 111.5 0.0 204.4

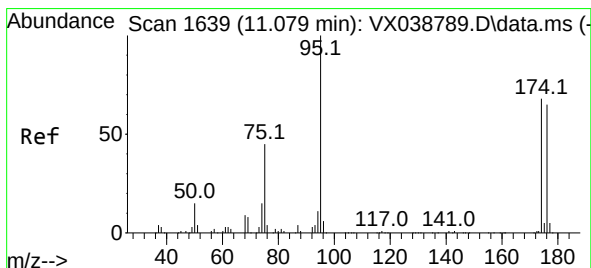
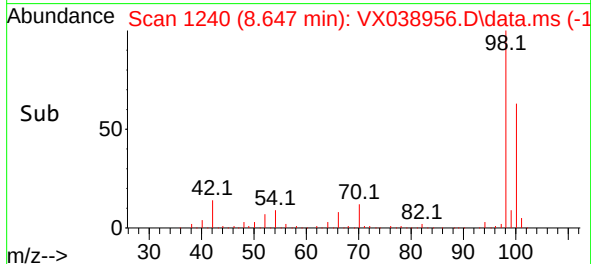
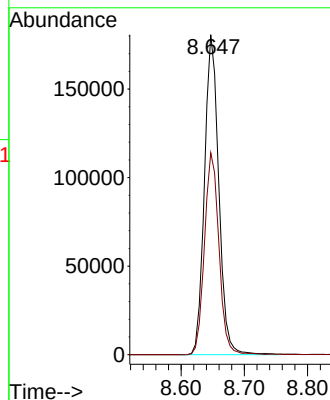
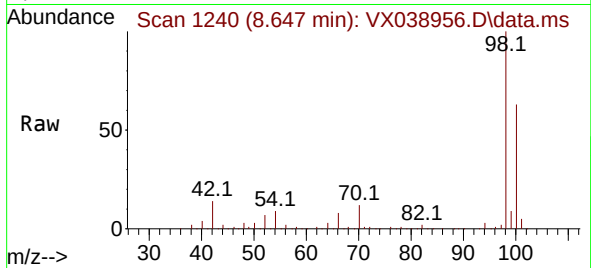




#50
Toluene-d8
Concen: 46.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

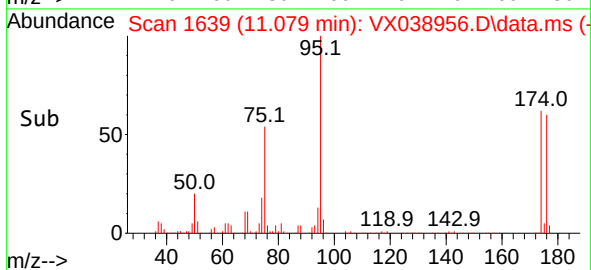
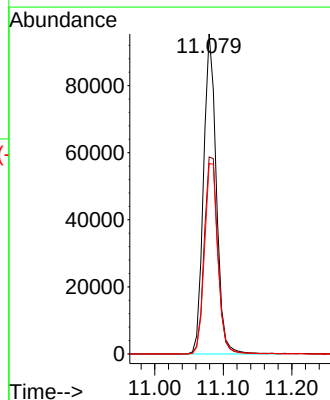
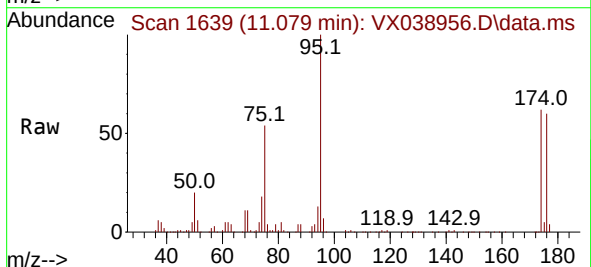
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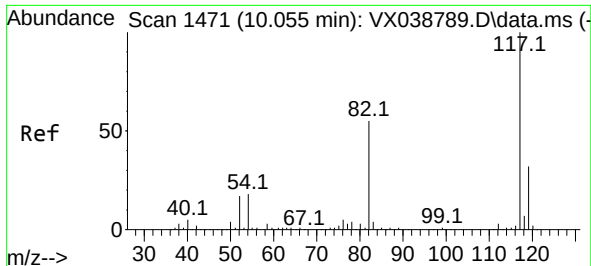
Tgt Ion: 98 Resp: 285034
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

Tgt Ion: 95 Resp: 124096
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 62.2 0.0 131.0

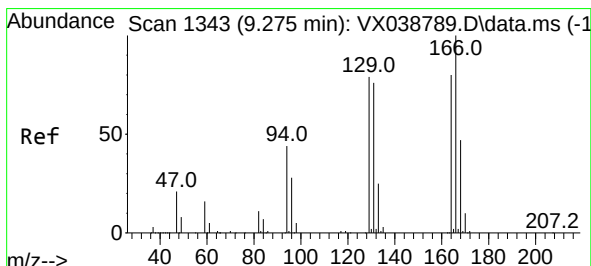
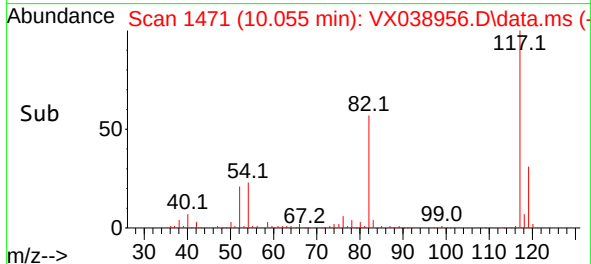
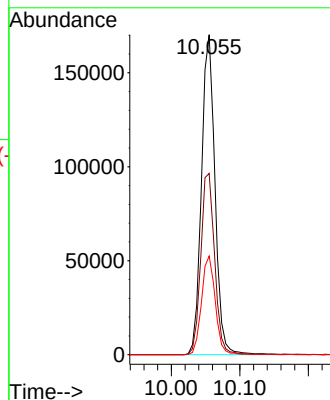
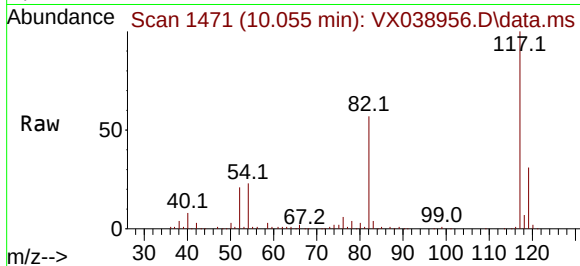




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

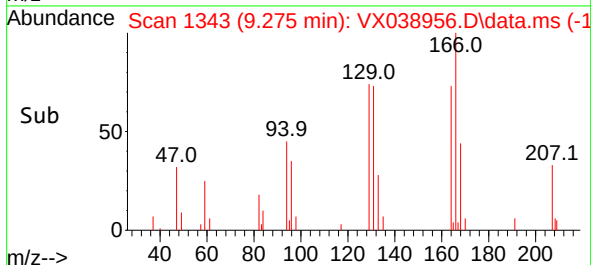
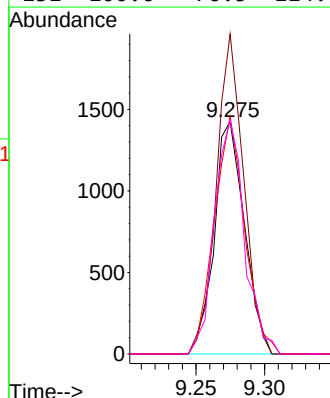
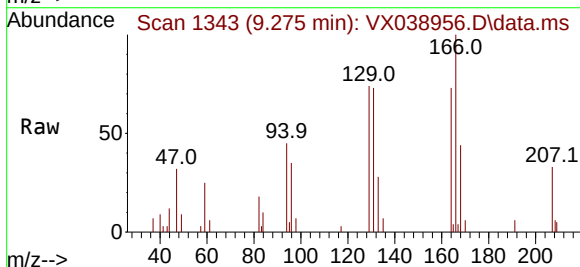
Instrument :
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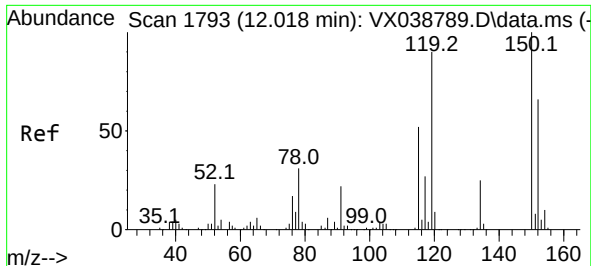
Tgt Ion:117 Resp: 234117
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.499 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038956.D
Acq: 20 Nov 2023 14:19

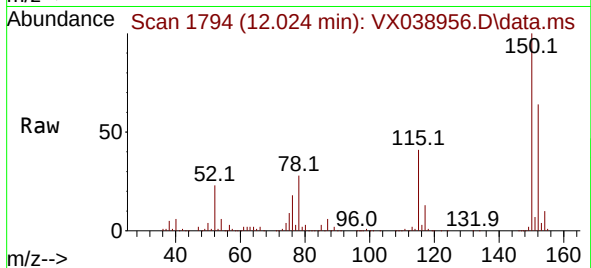
Tgt Ion:164 Resp: 2181
Ion Ratio Lower Upper
164 100
166 137.7 102.7 154.1
129 102.2 80.4 120.6
131 100.6 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038956.D
 Acq: 20 Nov 2023 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20231109



Tgt Ion:152	Resp:	114923
Ion	Ratio	Lower Upper
152	100	
115	66.7	43.3 129.9
150	157.0	0.0 345.0

