

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037391.D
 Acq On : 30 Aug 2023 16:06
 Operator : JC/MD
 Sample : 04229-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09-6.5-082923

Quant Time: Aug 31 02:24:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

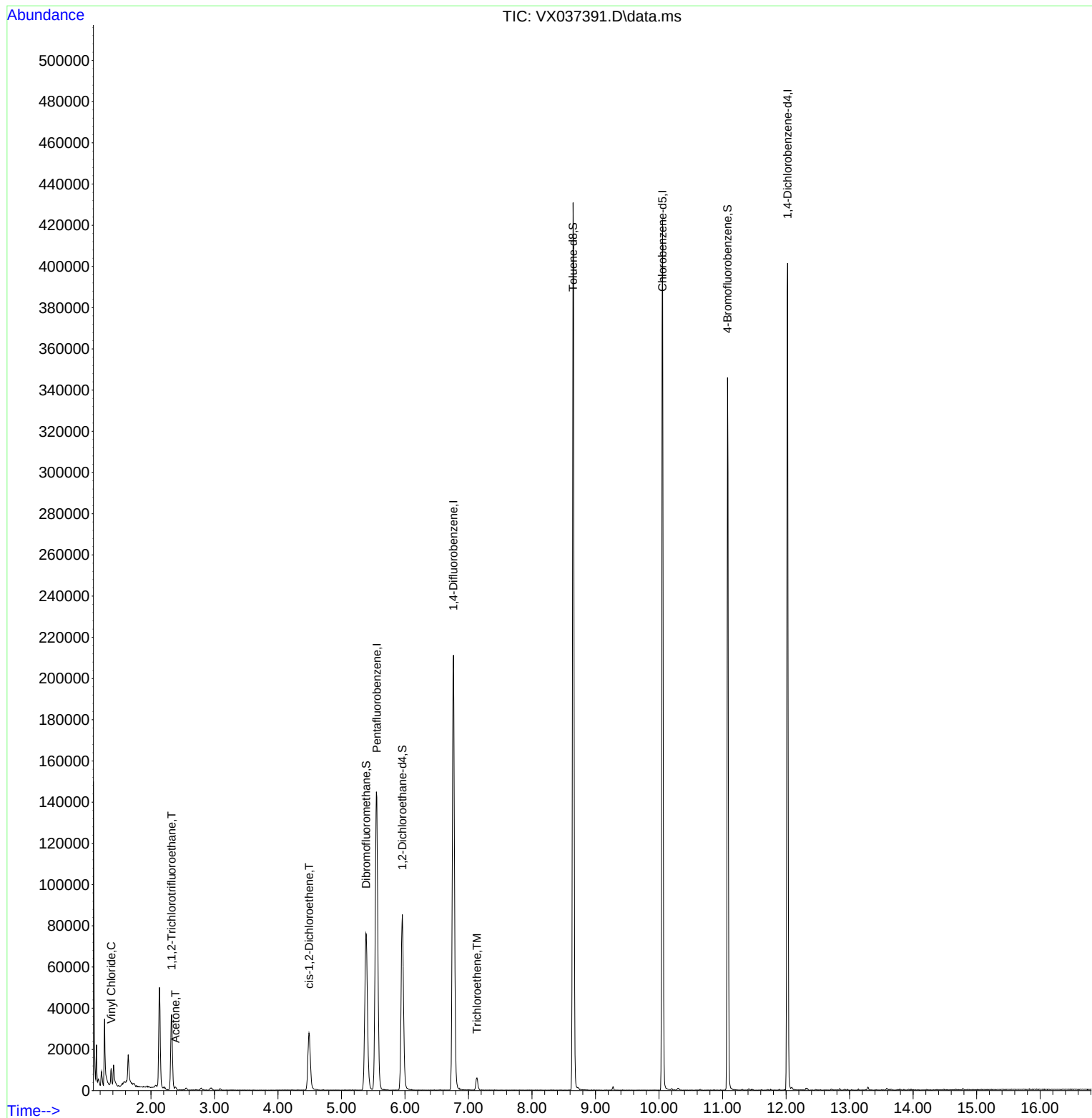
Internal Standards						
1) Pentafluorobenzene	5.556	168	136689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84217	42.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.385	113	68988	46.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	264296	48.829	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.079	95	96169	45.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	5369	3.551	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	14968	10.359	ug/l	96
16) Acetone	2.386	43	1701	2.206	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	19101	10.130	ug/l	80
44) Trichloroethene	7.135	130	2622	1.521	ug/l	94

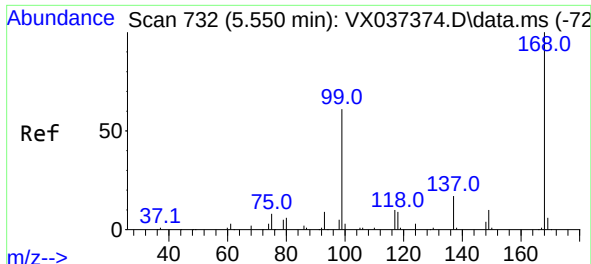
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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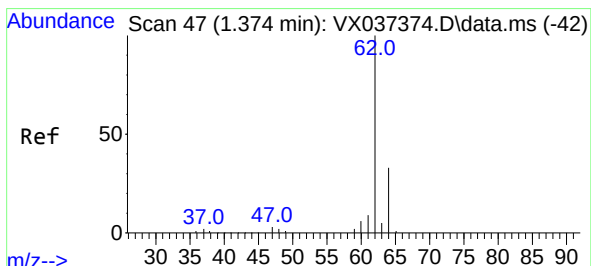
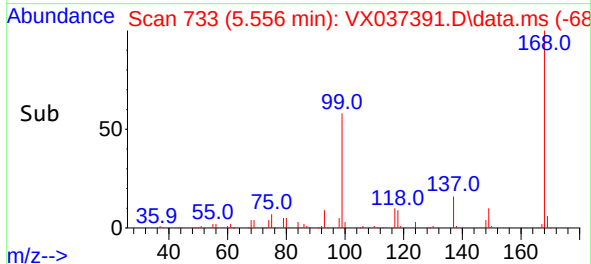
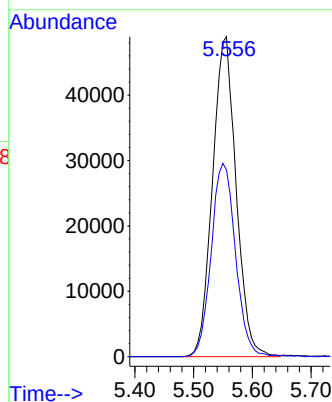
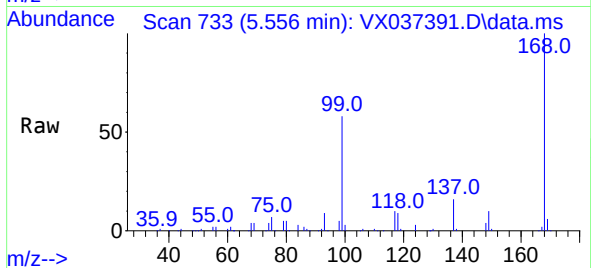




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

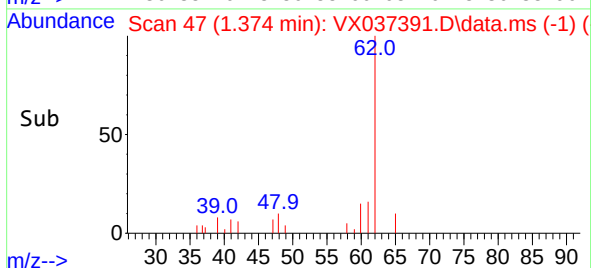
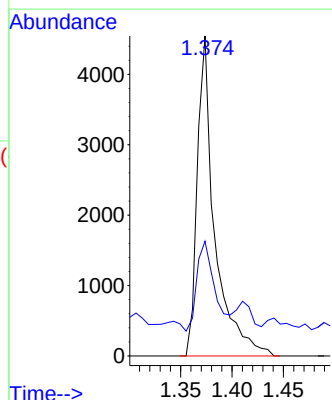
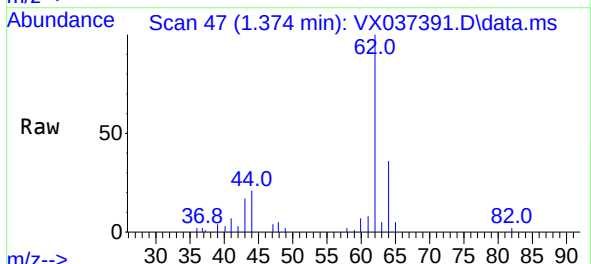
Instrument :
MSVOA_X
ClientSampleId :
MW-09-6.5-082923

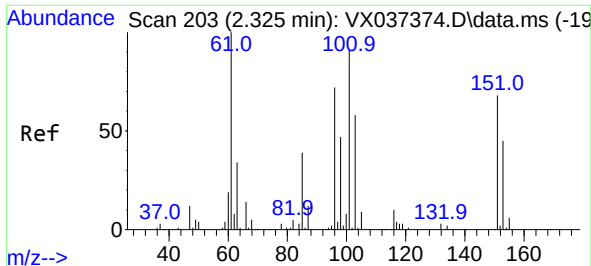
Tgt Ion:168 Resp: 136689
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#4
Vinyl Chloride
Concen: 3.551 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

Tgt Ion: 62 Resp: 5369
Ion Ratio Lower Upper
62 100
64 25.9 25.4 38.0

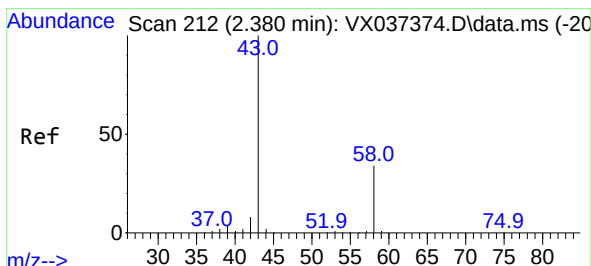
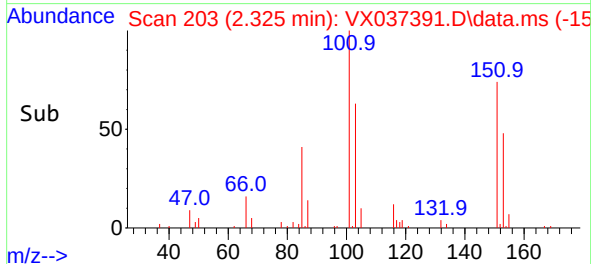
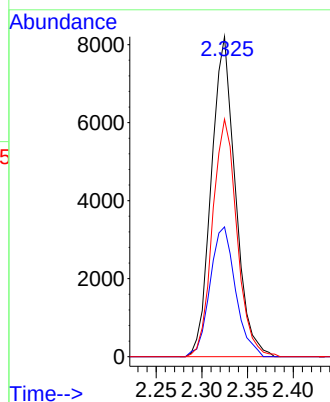
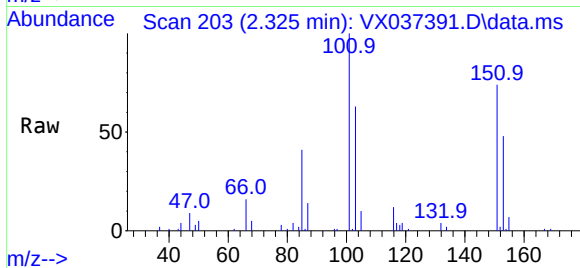




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.359 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

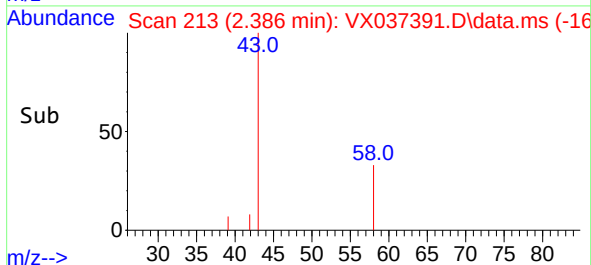
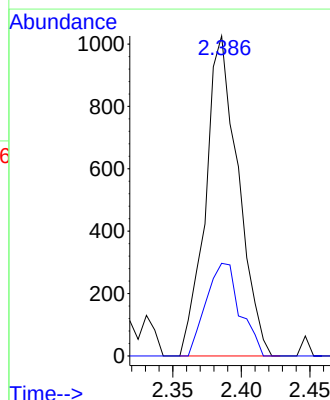
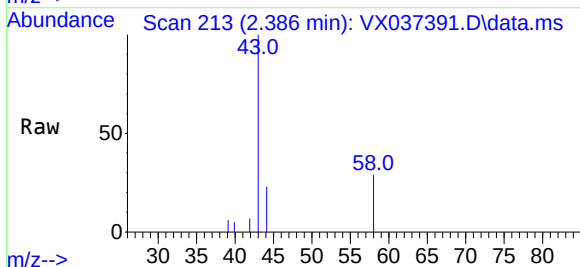
Instrument :
MSVOA_X
ClientSampleId :
MW-09-6.5-082923

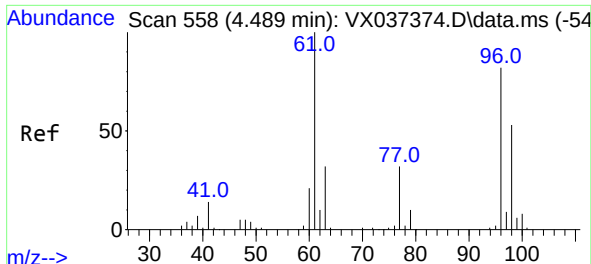
Tgt Ion:101 Resp: 14968
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 75.6 58.6 87.8



#16
Acetone
Concen: 2.206 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



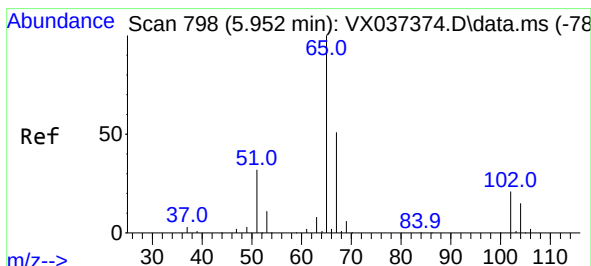
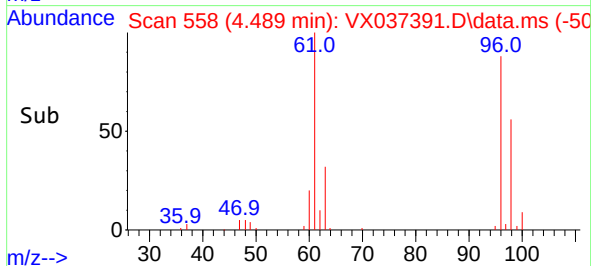
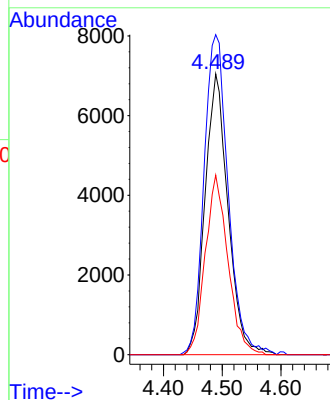
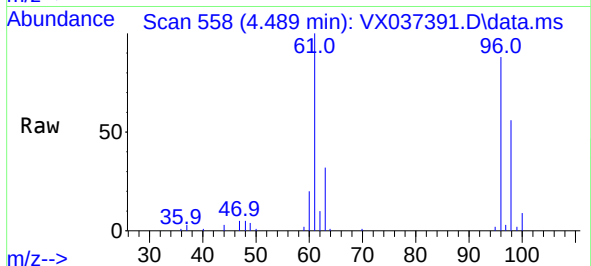


#27
 cis-1,2-Dichloroethene
 Concen: 10.130 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037391.D
 Acq: 30 Aug 2023 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09-6.5-082923

Tgt Ion: 96 Resp: 19101

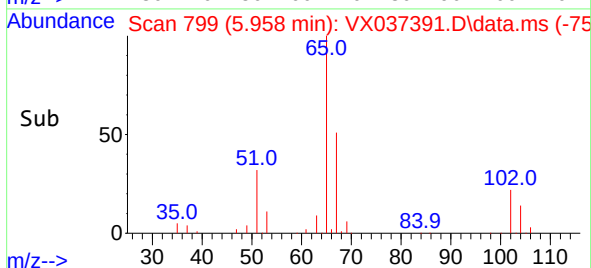
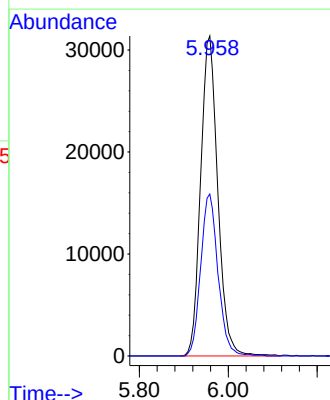
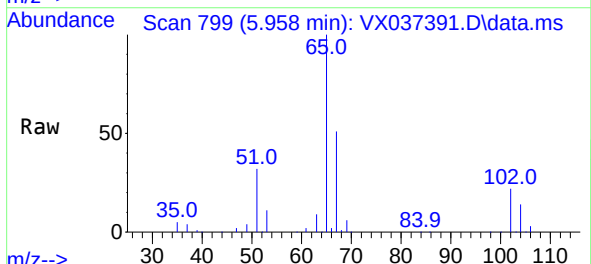
Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	312.2
98	63.3	0.0	129.0

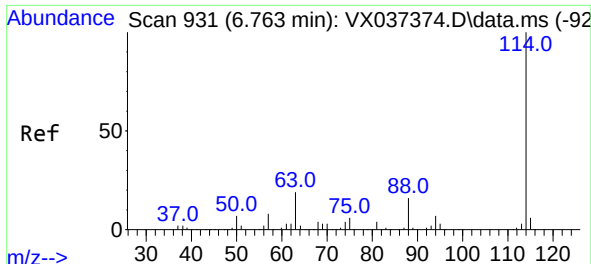


#33
 1,2-Dichloroethane-d4
 Concen: 42.736 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037391.D
 Acq: 30 Aug 2023 16:06

Tgt Ion: 65 Resp: 84217

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2

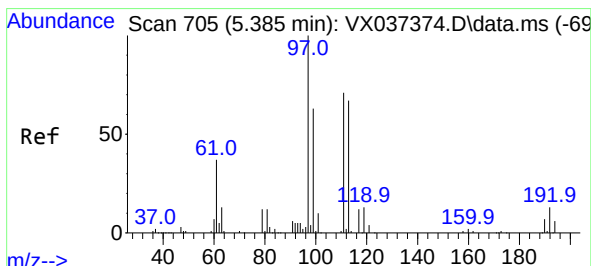
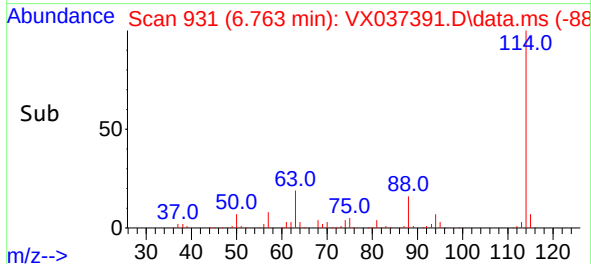
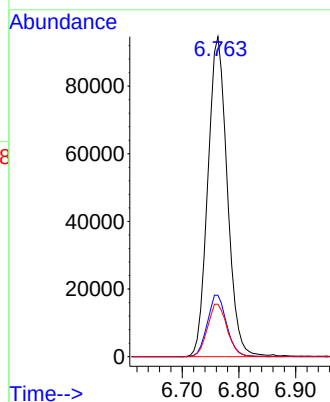
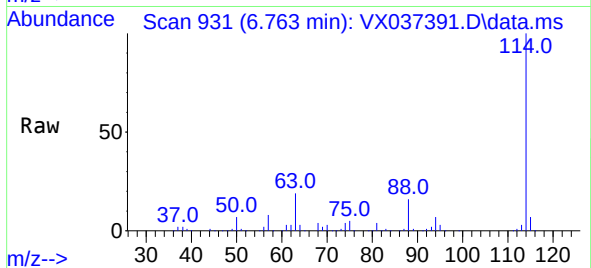




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

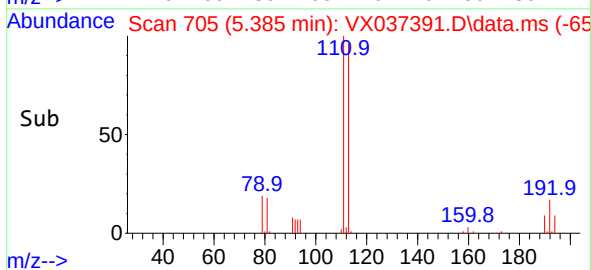
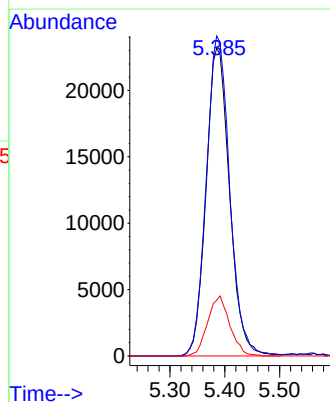
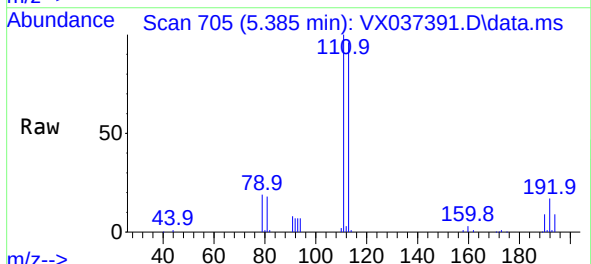
Instrument :
MSVOA_X
ClientSampleId :
MW-09-6.5-082923

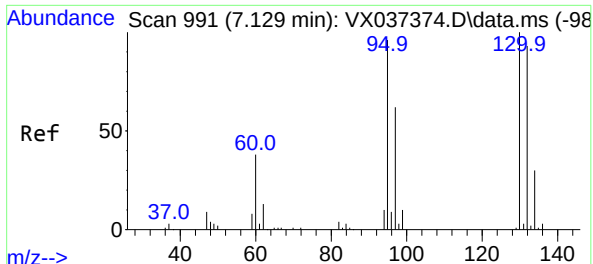
Tgt Ion:114 Resp: 225312
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

Tgt Ion:113 Resp: 68988
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.4 13.3 19.9

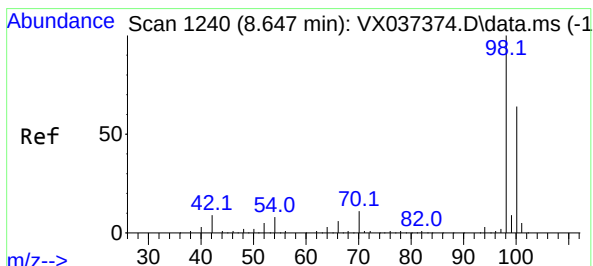
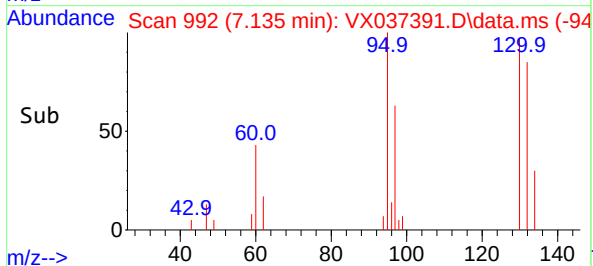
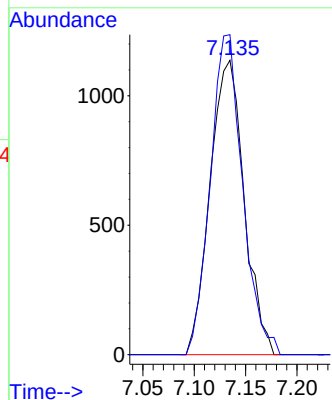
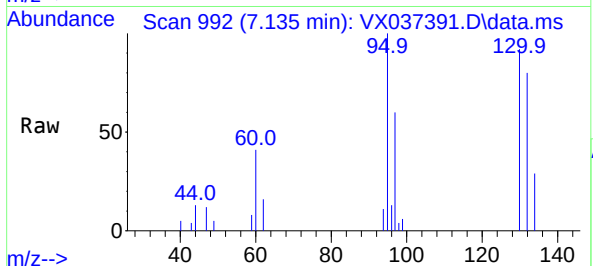




#44
Trichloroethene
Concen: 1.521 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

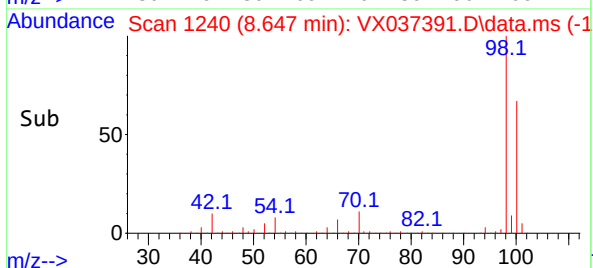
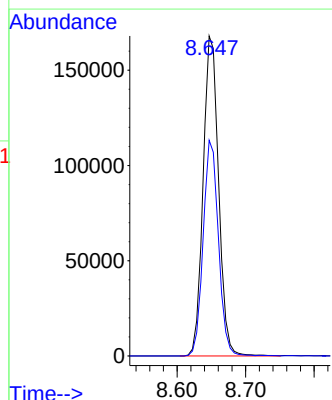
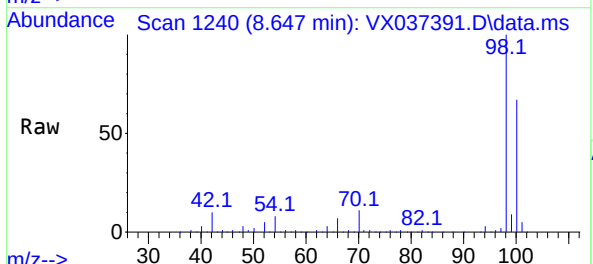
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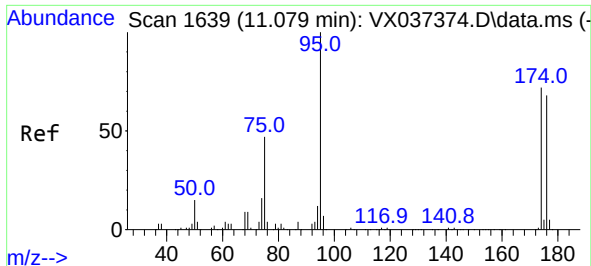
Tgt Ion:130 Resp: 2622
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4



#50
Toluene-d8
Concen: 48.829 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

Tgt Ion: 98 Resp: 264296
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

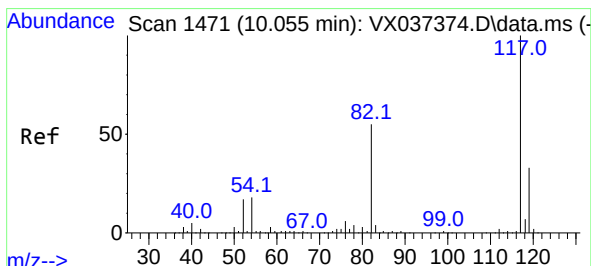
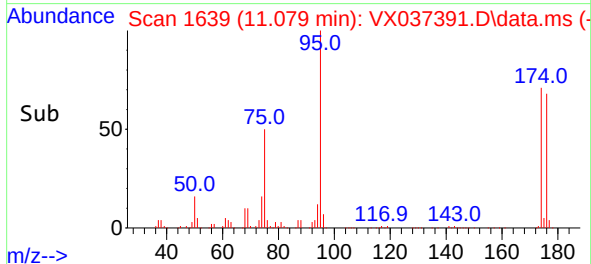
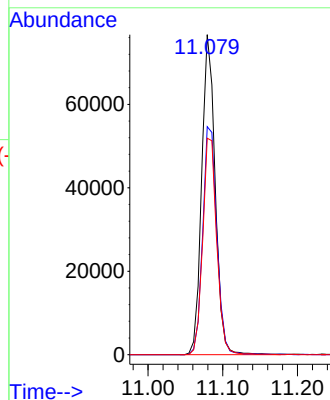
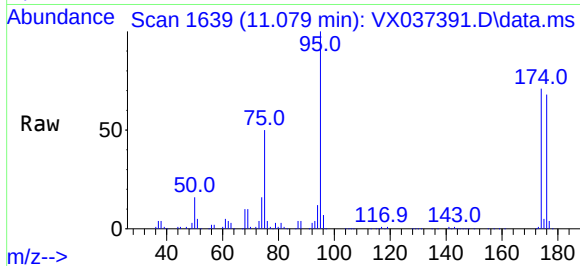




#62
4-Bromofluorobenzene
Concen: 45.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

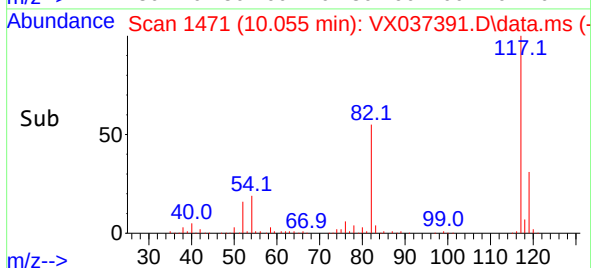
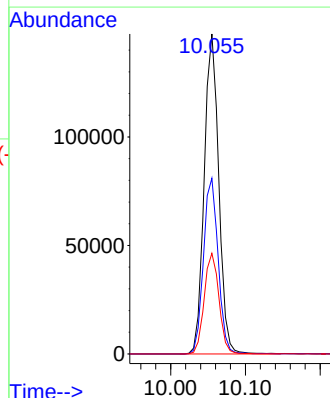
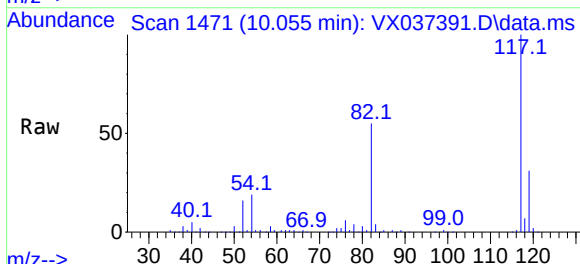
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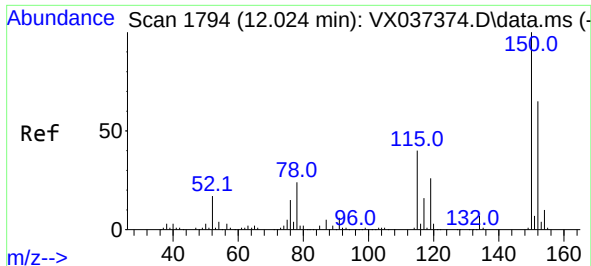
Tgt Ion: 95 Resp: 96169
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037391.D
Acq: 30 Aug 2023 16:06

Tgt Ion: 117 Resp: 199389
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037391.D

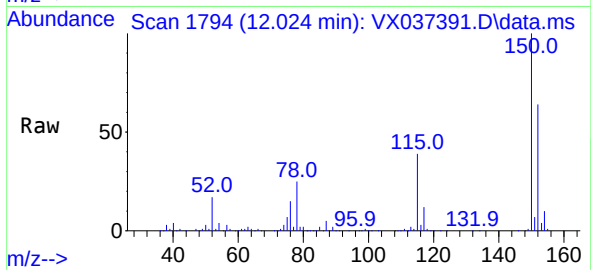
Acq: 30 Aug 2023 16:06

Instrument :

MSVOA_X

ClientSampleId :

MW-09-6.5-082923



Tgt Ion:152 Resp: 89096

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 154.8 0.0 345.0

