

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038223.D
 Acq On : 11 Oct 2023 12:50
 Operator : JC/MD
 Sample : 04788-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2

Quant Time: Oct 12 02:43:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

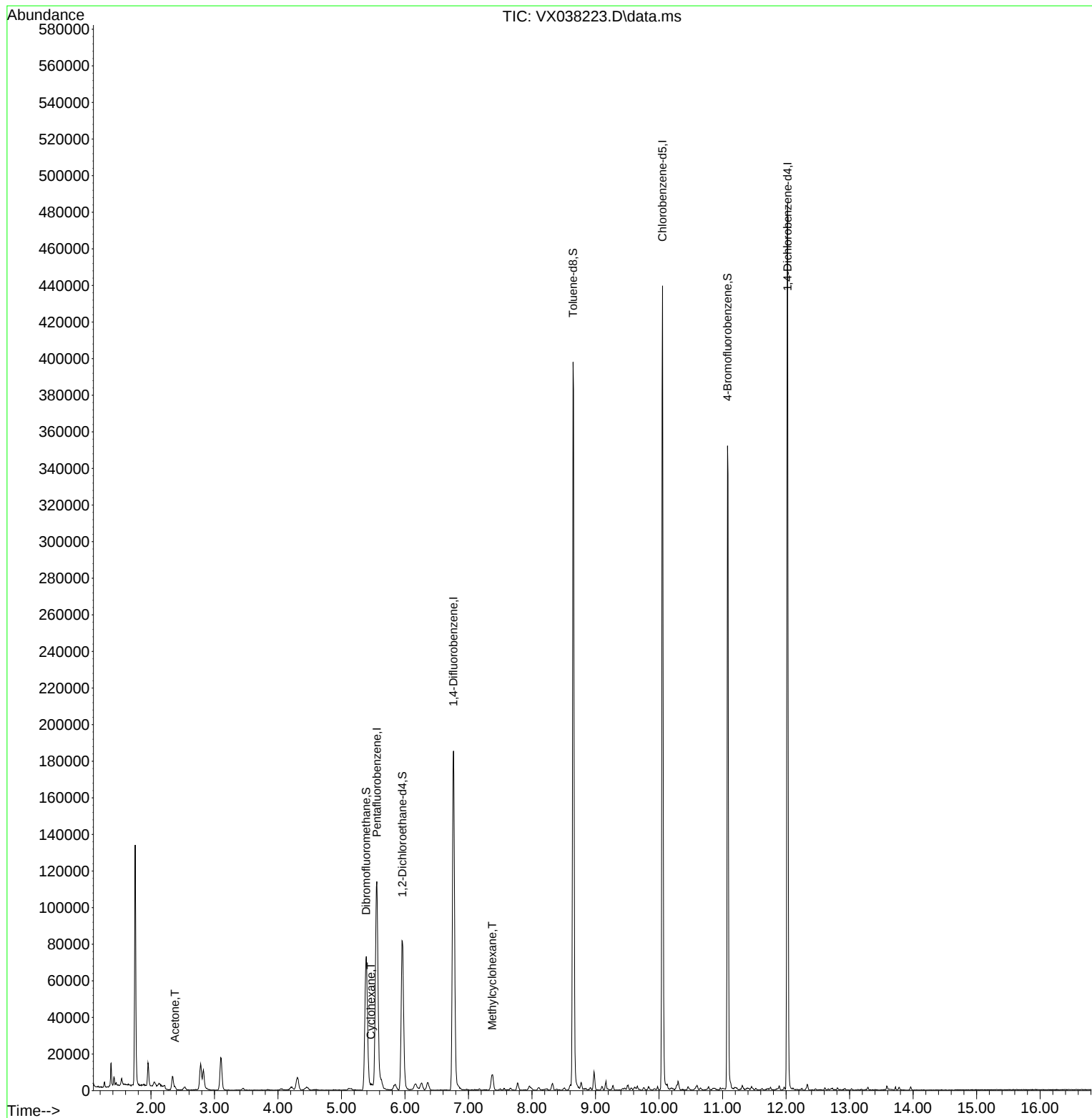
Internal Standards						
1) Pentafluorobenzene	5.556	168	106205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79338	46.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.385	113	62220	45.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	8.647	98	240856	45.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.360%#
62) 4-Bromofluorobenzene	11.079	95	90925	45.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1727	2.422	ug/l #	87
31) Cyclohexane	5.464	56	2167	1.171	ug/l #	94
39) Methylcyclohexane	7.373	83	3063	1.374	ug/l #	74

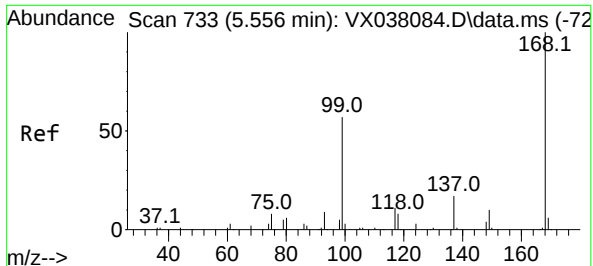
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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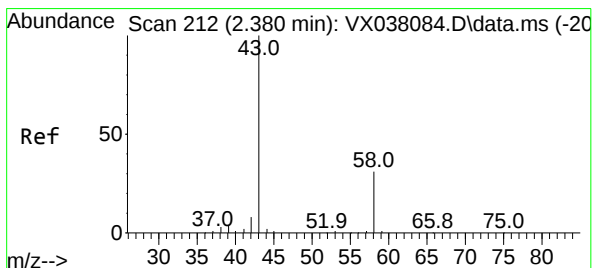
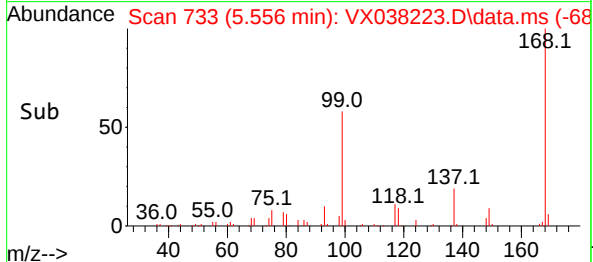
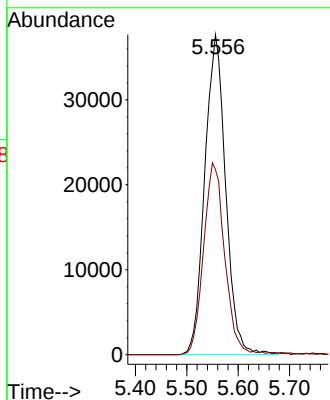
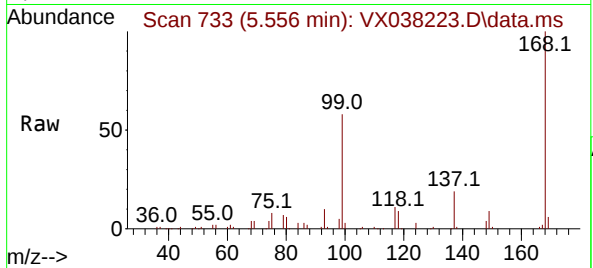




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

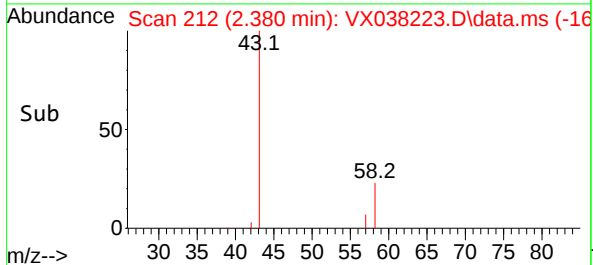
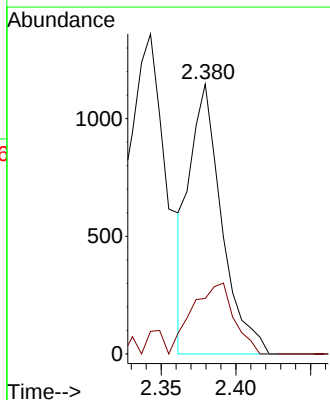
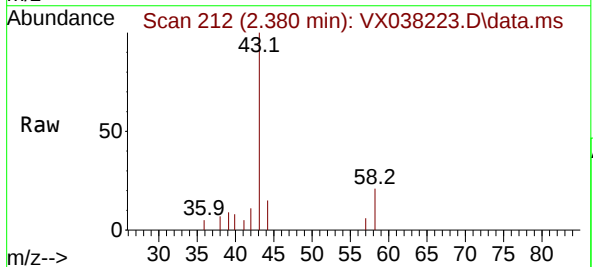
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

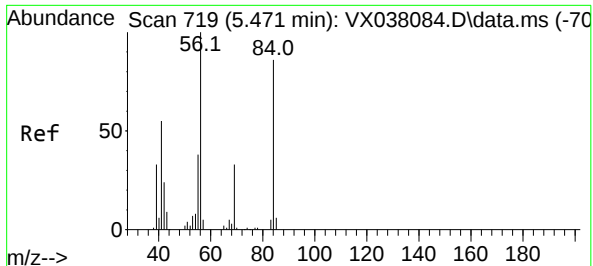
Tgt Ion:168 Resp: 106205
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 2.422 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 20.6 21.9 32.9

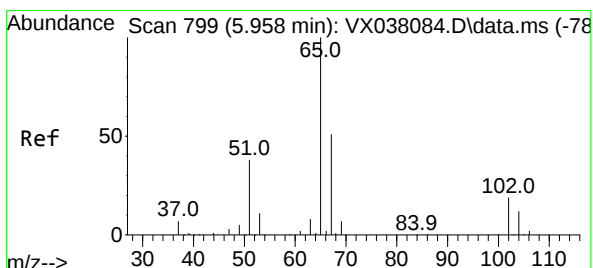
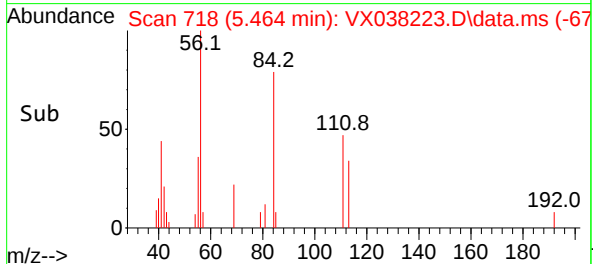
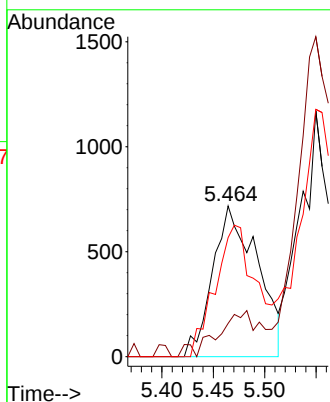
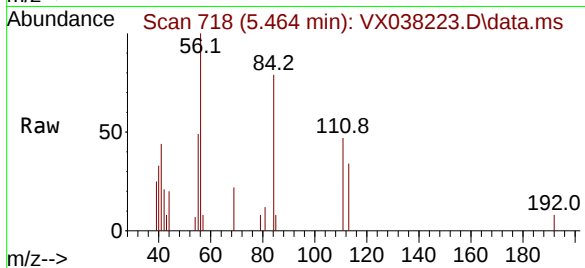




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

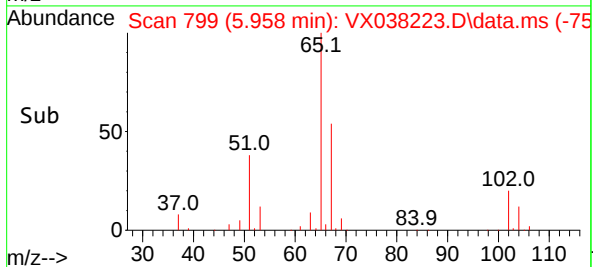
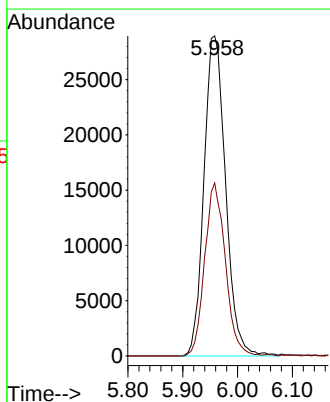
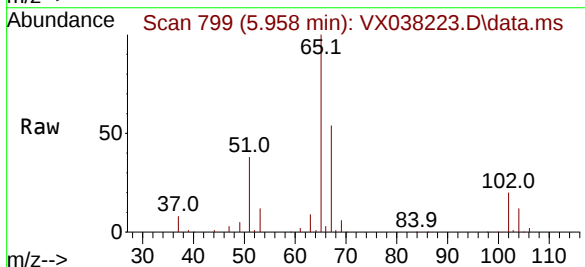
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

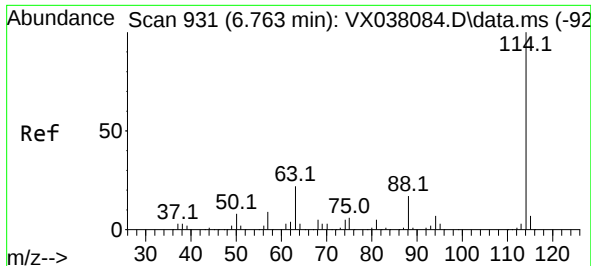
Tgt Ion: 56 Resp: 2167
Ion Ratio Lower Upper
56 100
69 22.0 23.4 35.2#
84 79.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.444 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion: 65 Resp: 79338
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

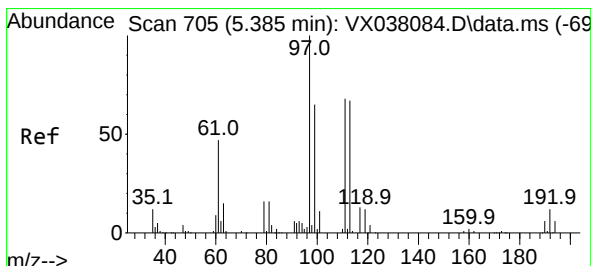
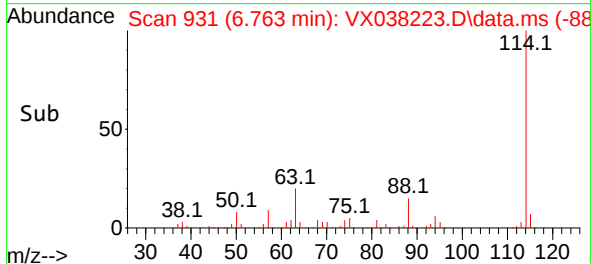
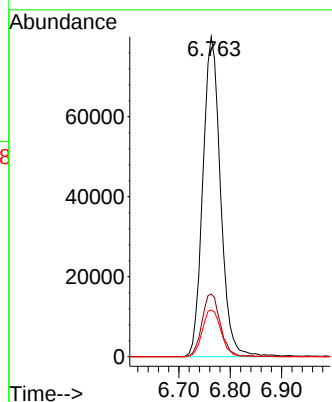
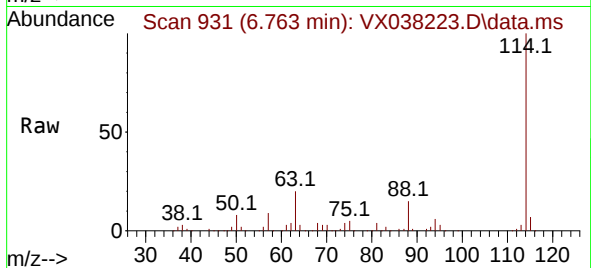




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

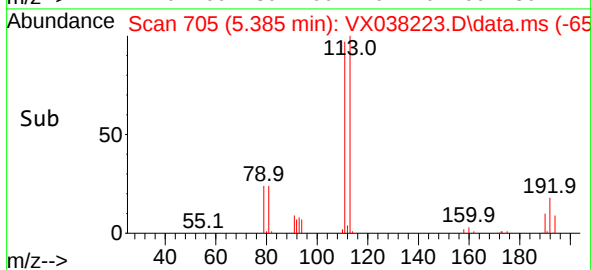
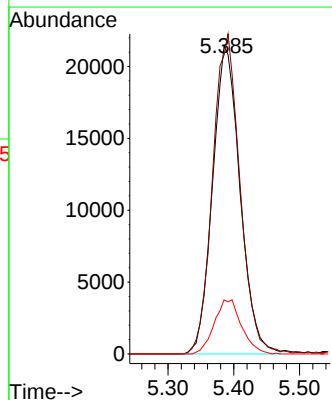
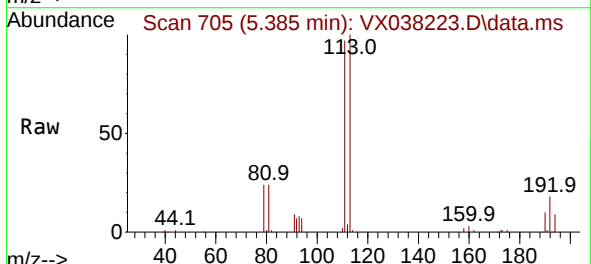
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

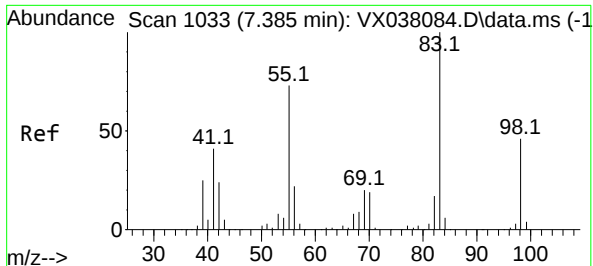
Tgt Ion:114 Resp: 191501
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

Tgt Ion:113 Resp: 62220
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.6 13.3 19.9





#39

Methylcyclohexane

Concen: 1.374 ug/l

RT: 7.373 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX038223.D

Acq: 11 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

PMW-2

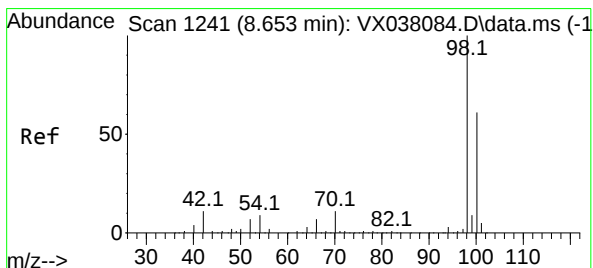
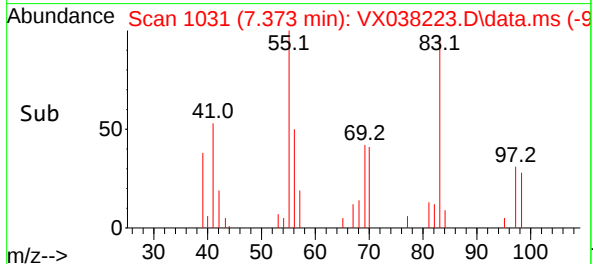
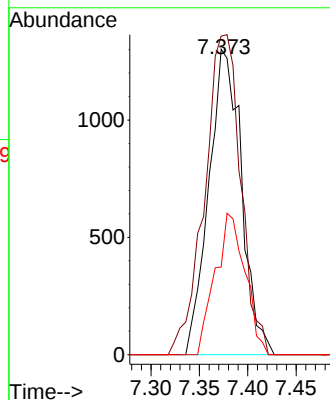
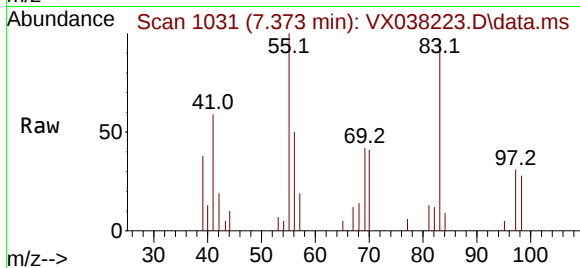
Tgt Ion: 83 Resp: 3063

Ion Ratio Lower Upper

83 100

55 104.3 64.6 97.0#

98 28.7 36.7 55.1#



#50

Toluene-d8

Concen: 45.678 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038223.D

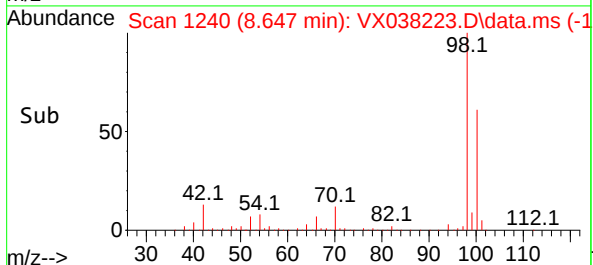
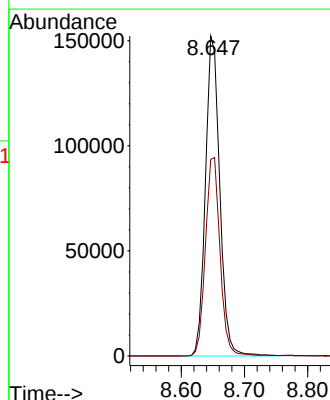
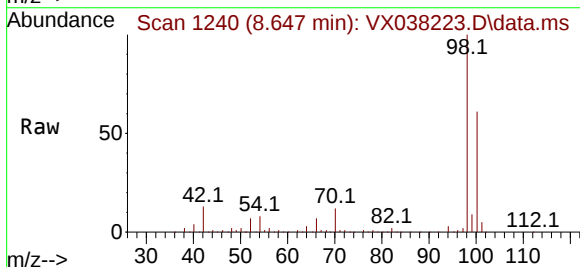
Acq: 11 Oct 2023 12:50

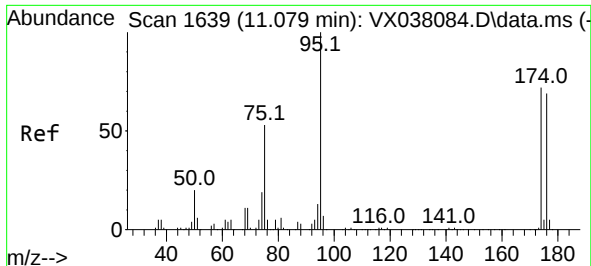
Tgt Ion: 98 Resp: 240856

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

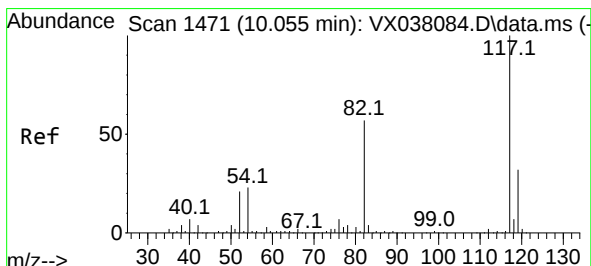
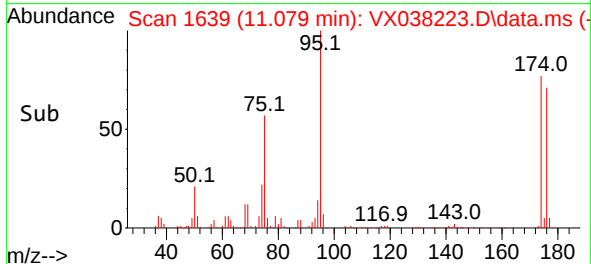
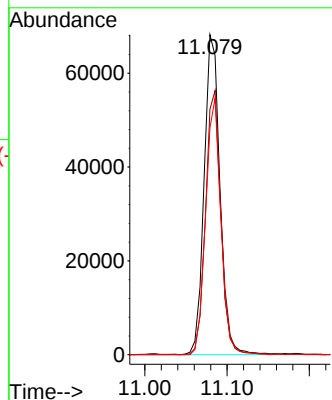
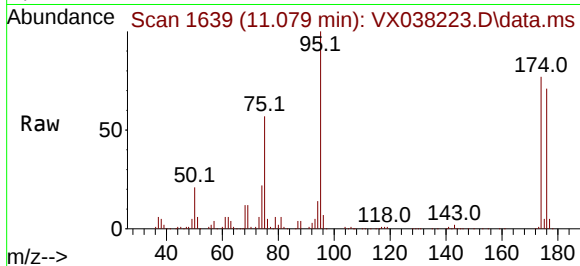




#62
4-Bromofluorobenzene
Concen: 45.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

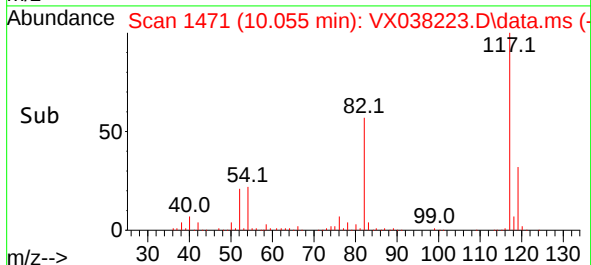
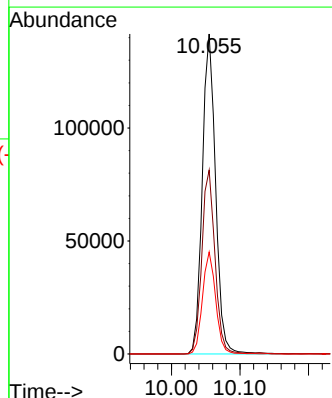
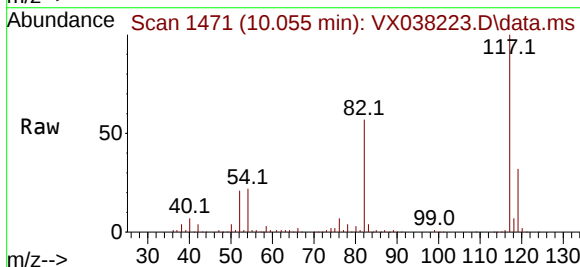
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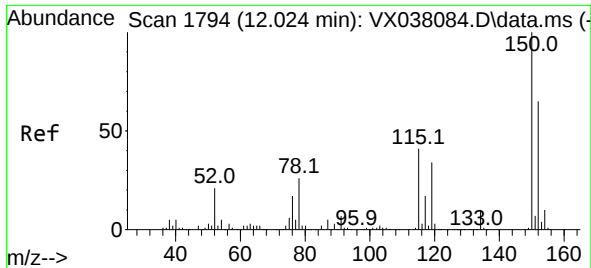
Tgt Ion: 95 Resp: 90925
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 77.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038223.D
Acq: 11 Oct 2023 12:50

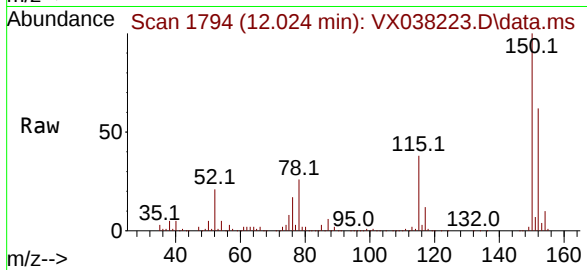
Tgt Ion: 117 Resp: 191037
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038223.D
 Acq: 11 Oct 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2



Tgt Ion:152 Resp: 98697
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.3 129.9
 150 158.2 0.0 345.0

