

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037824.D
 Acq On : 20 Sep 2023 11:37
 Operator : JC/MD
 Sample : 04511-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50093

Quant Time: Sep 21 05:54:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

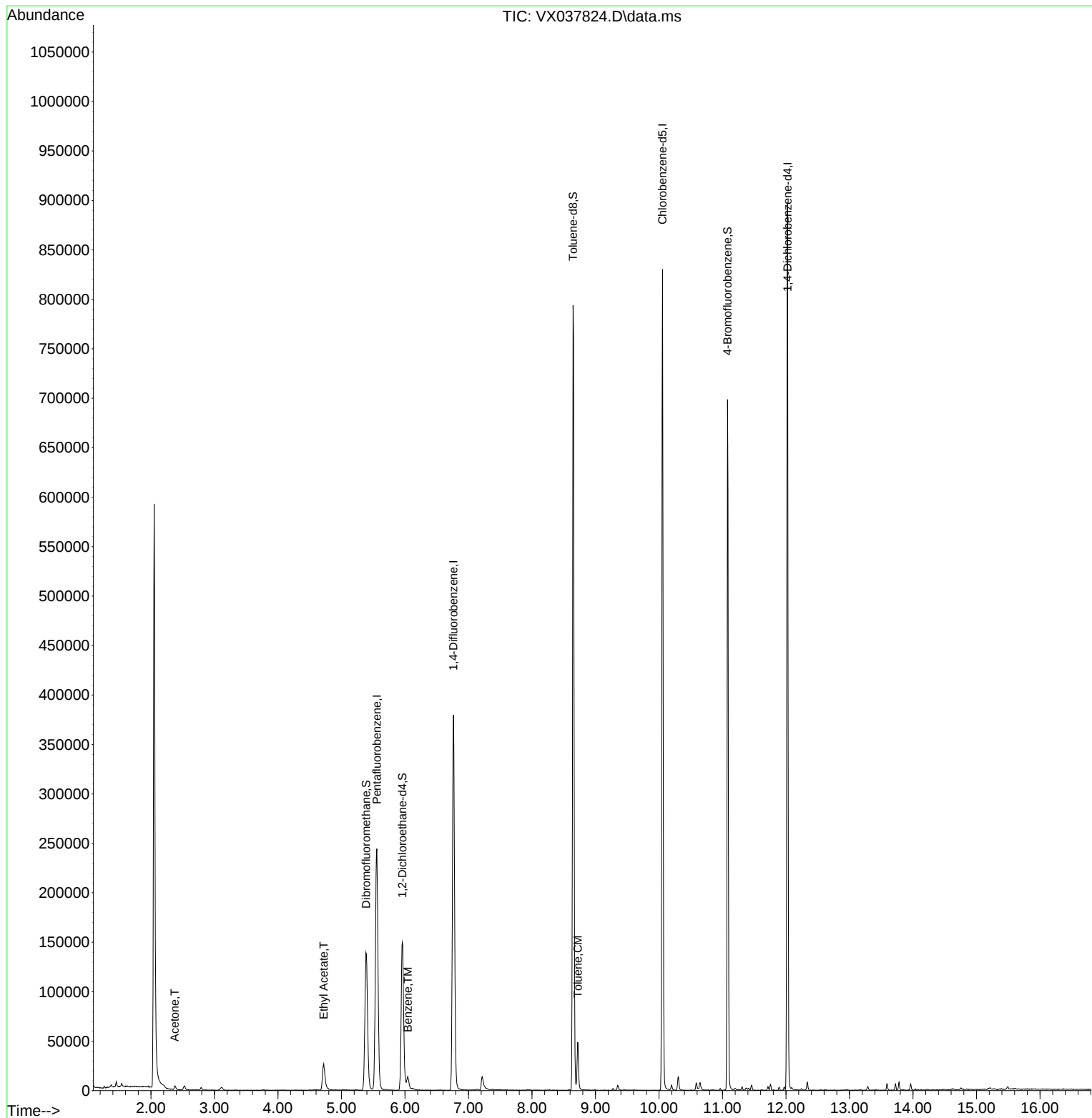
Internal Standards						
1) Pentafluorobenzene	5.556	168	237435	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	397632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144631	46.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.385	113	122405	46.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.647	98	481190	48.675	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	177363	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.740%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	4175	2.782	ug/l	93
37) Ethyl Acetate	4.721	43	46937	11.649	ug/l	96
40) Benzene	6.044	78	15539	1.379	ug/l	100
52) Toluene	8.720	92	18472	2.543	ug/l	98

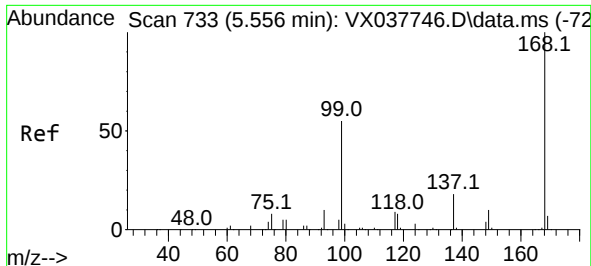
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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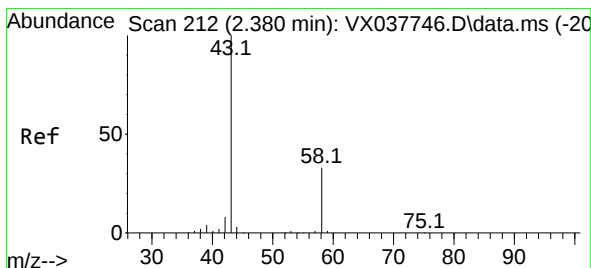
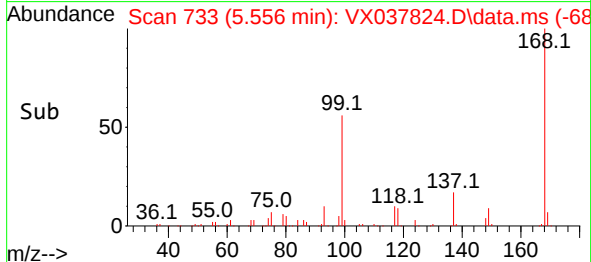
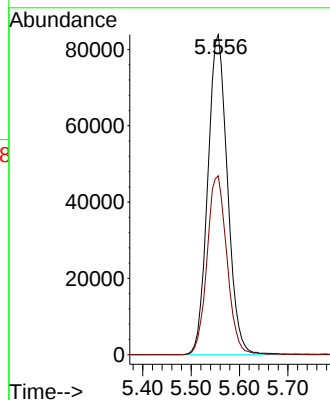
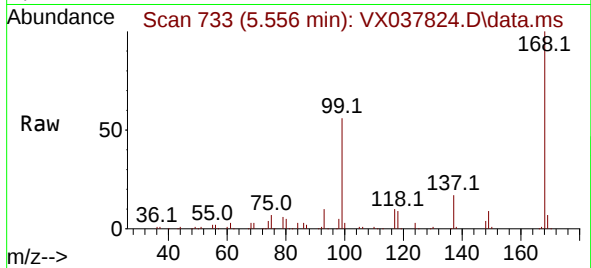




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

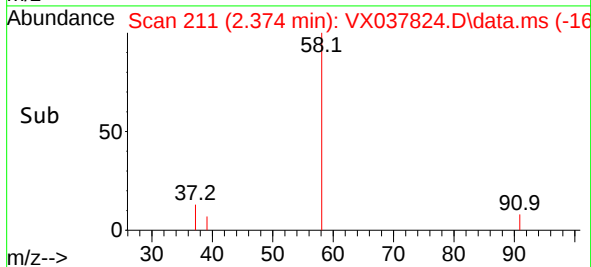
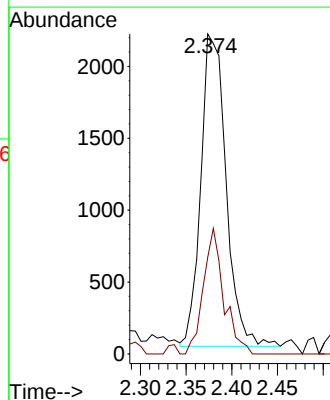
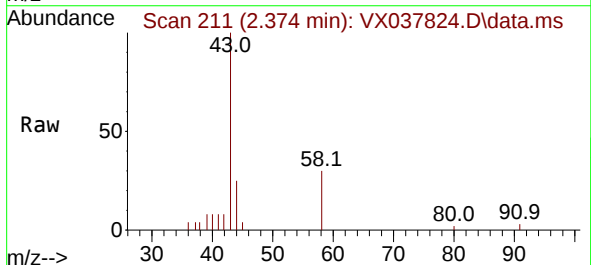
Instrument :
MSVOA_X
ClientSampleId :
50093

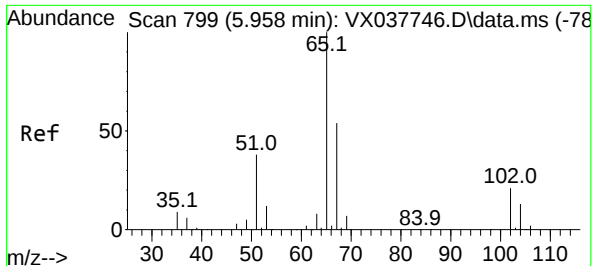
Tgt Ion:168 Resp: 237435
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#16
Acetone
Concen: 2.782 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 46.363 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037824.D

Acq: 20 Sep 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

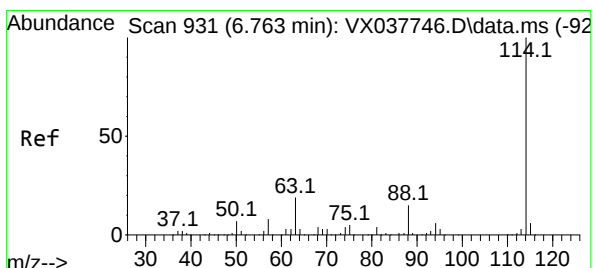
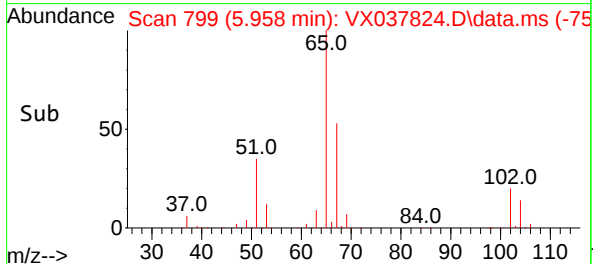
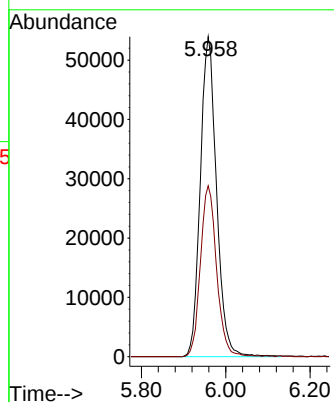
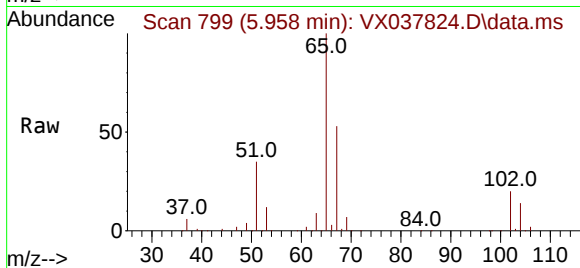
50093

Tgt Ion: 65 Resp: 144631

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037824.D

Acq: 20 Sep 2023 11:37

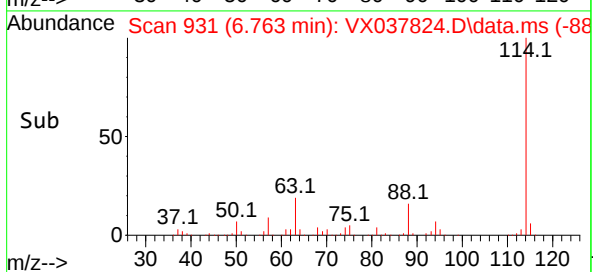
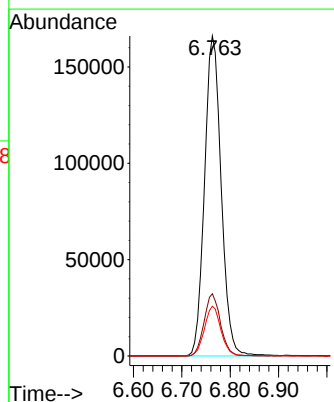
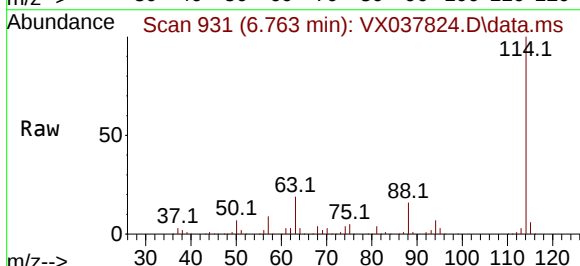
Tgt Ion: 114 Resp: 397632

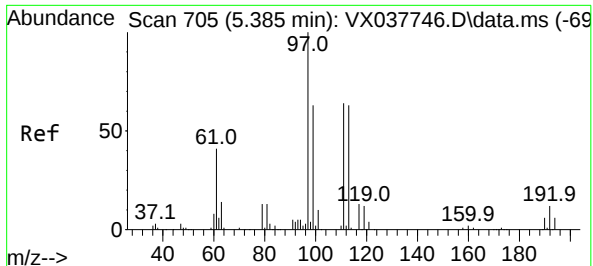
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.6 0.0 36.6

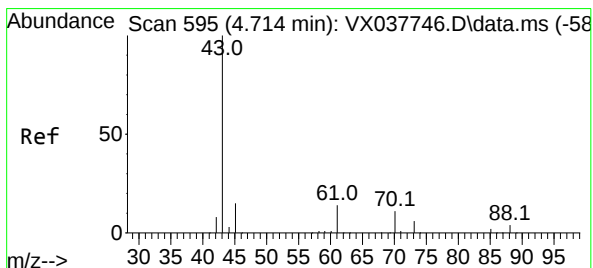
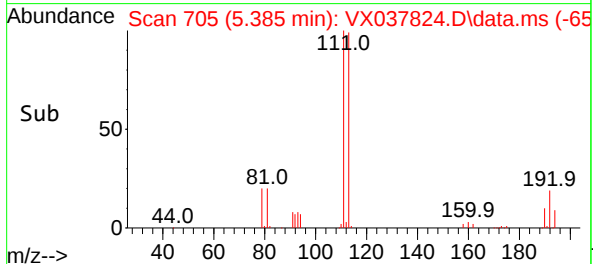
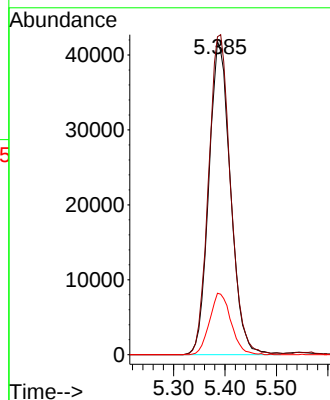
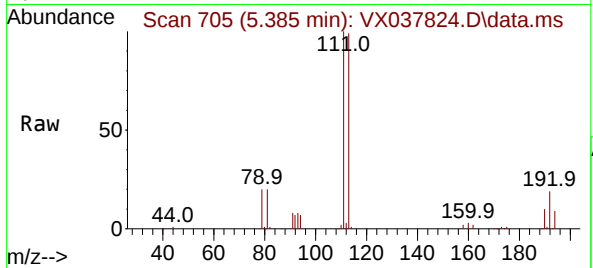




#35
Dibromofluoromethane
Concen: 46.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

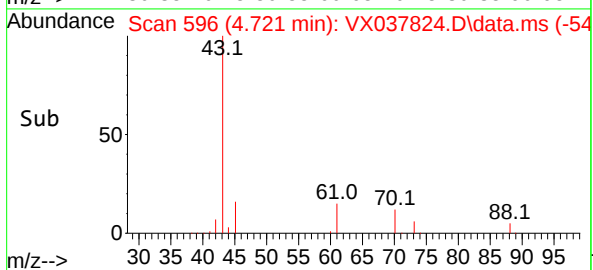
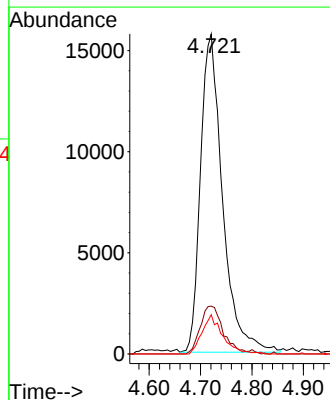
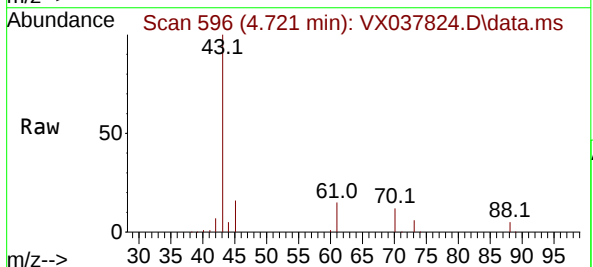
Instrument :
MSVOA_X
ClientSampleId :
50093

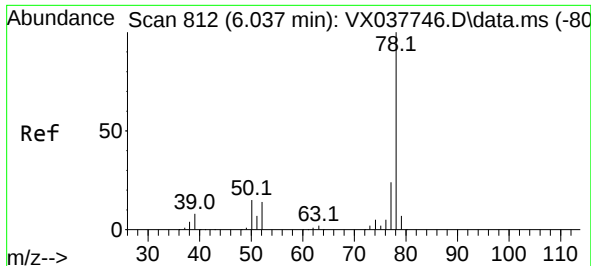
Tgt Ion:113 Resp: 122405
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.4 13.3 19.9



#37
Ethyl Acetate
Concen: 11.649 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.012 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Tgt Ion: 43 Resp: 46937
Ion Ratio Lower Upper
43 100
61 15.6 10.6 16.0
70 11.5 8.3 12.5

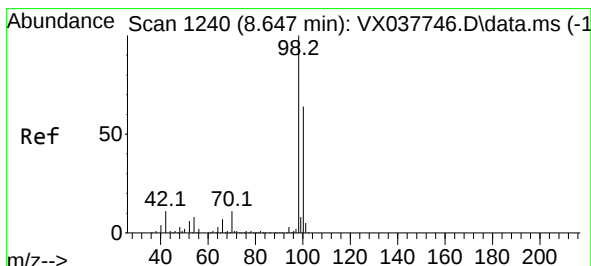
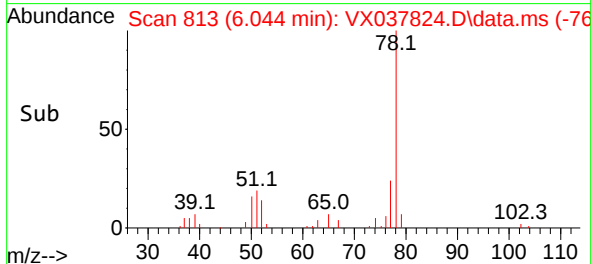
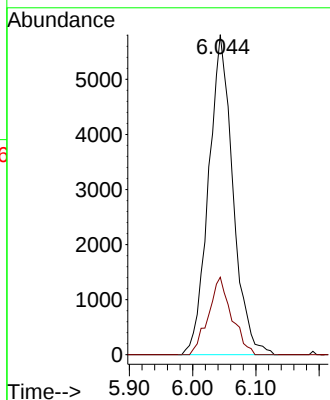
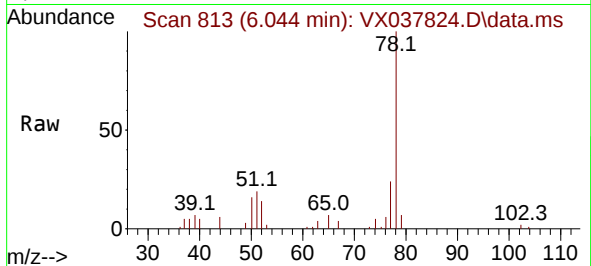




#40
Benzene
Concen: 1.379 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

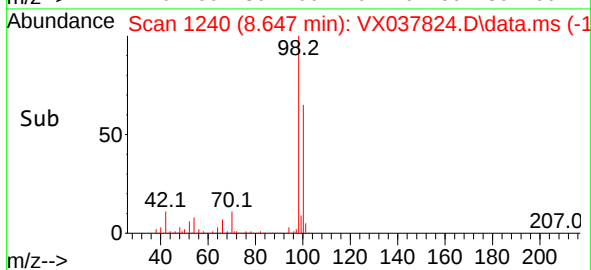
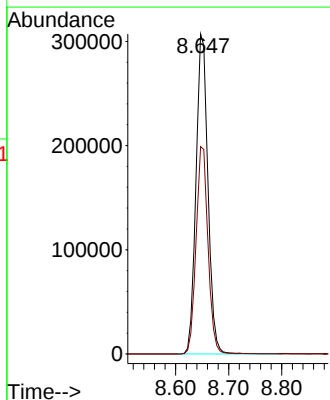
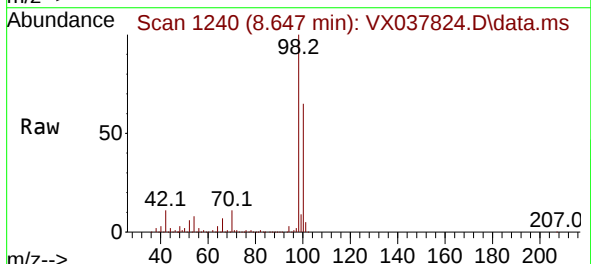
Instrument :
MSVOA_X
ClientSampleId :
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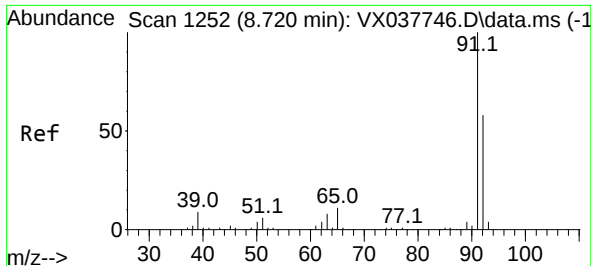
Tgt Ion: 78 Resp: 15539
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



#50
Toluene-d8
Concen: 48.675 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Tgt Ion: 98 Resp: 481190
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

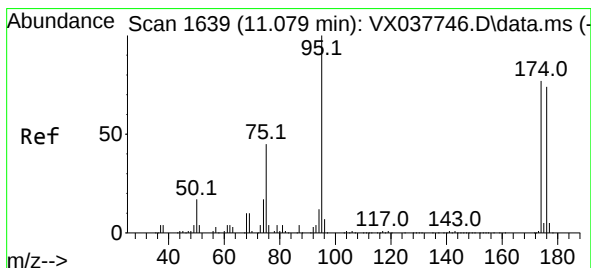
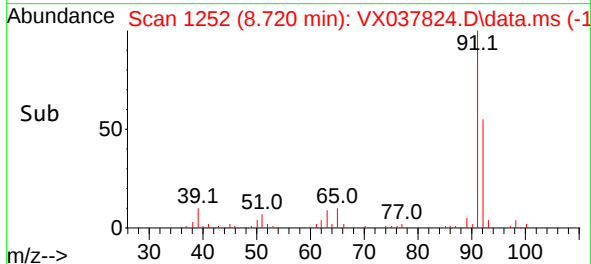
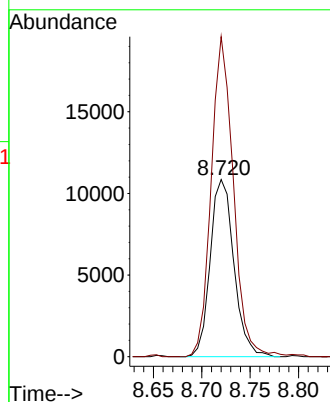
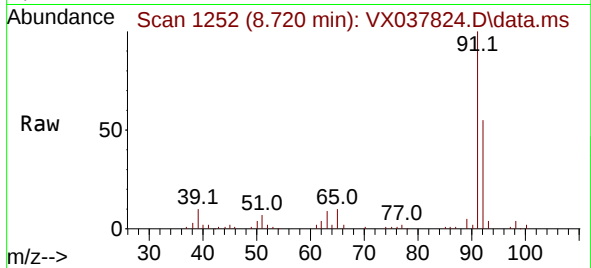




#52
Toluene
Concen: 2.543 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

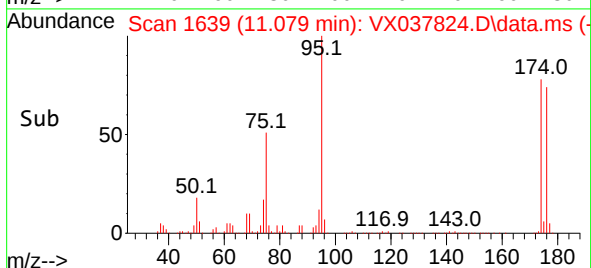
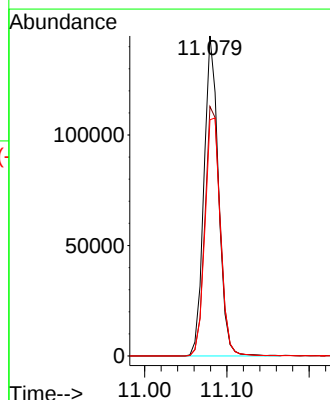
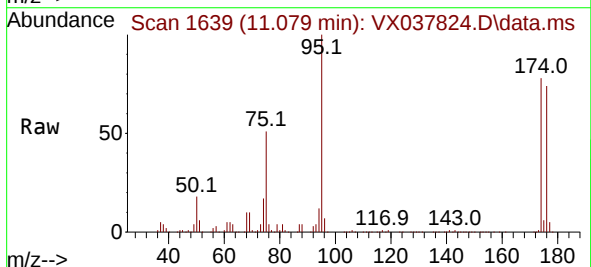
Instrument :
MSVOA_X
ClientSampleId :
50093

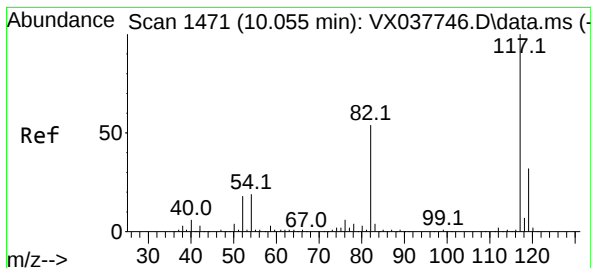
Tgt Ion: 92 Resp: 18472
Ion Ratio Lower Upper
92 100
91 169.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Tgt Ion: 95 Resp: 177363
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 79.7 0.0 131.0

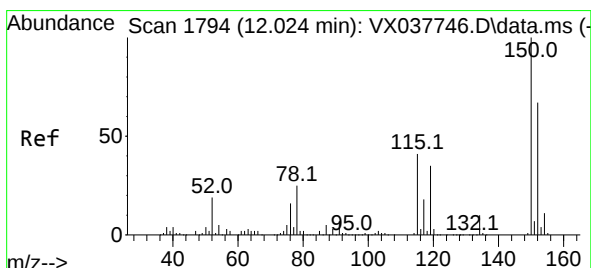
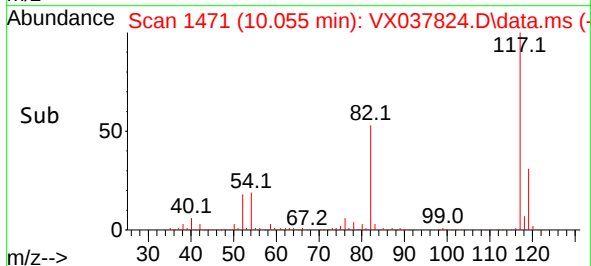
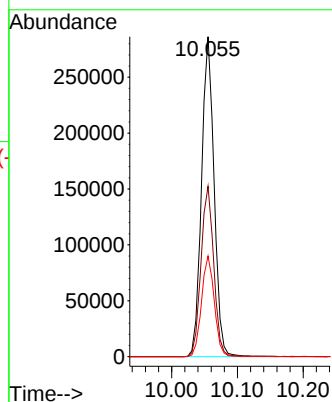
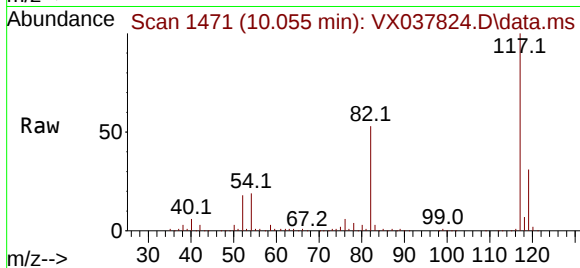




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
50093

Tgt Ion:117 Resp: 379658
Ion Ratio Lower Upper
117 100
82 53.3 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# 1794
Delta R.T. 0.000 min
Lab File: VX037824.D
Acq: 20 Sep 2023 11:37

Tgt Ion:152 Resp: 193211
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 158.5 0.0 345.0

