

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038416.D
 Acq On : 20 Oct 2023 20:31
 Operator : JC/MD
 Sample : 04991-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1027

Quant Time: Oct 21 01:52:00 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)

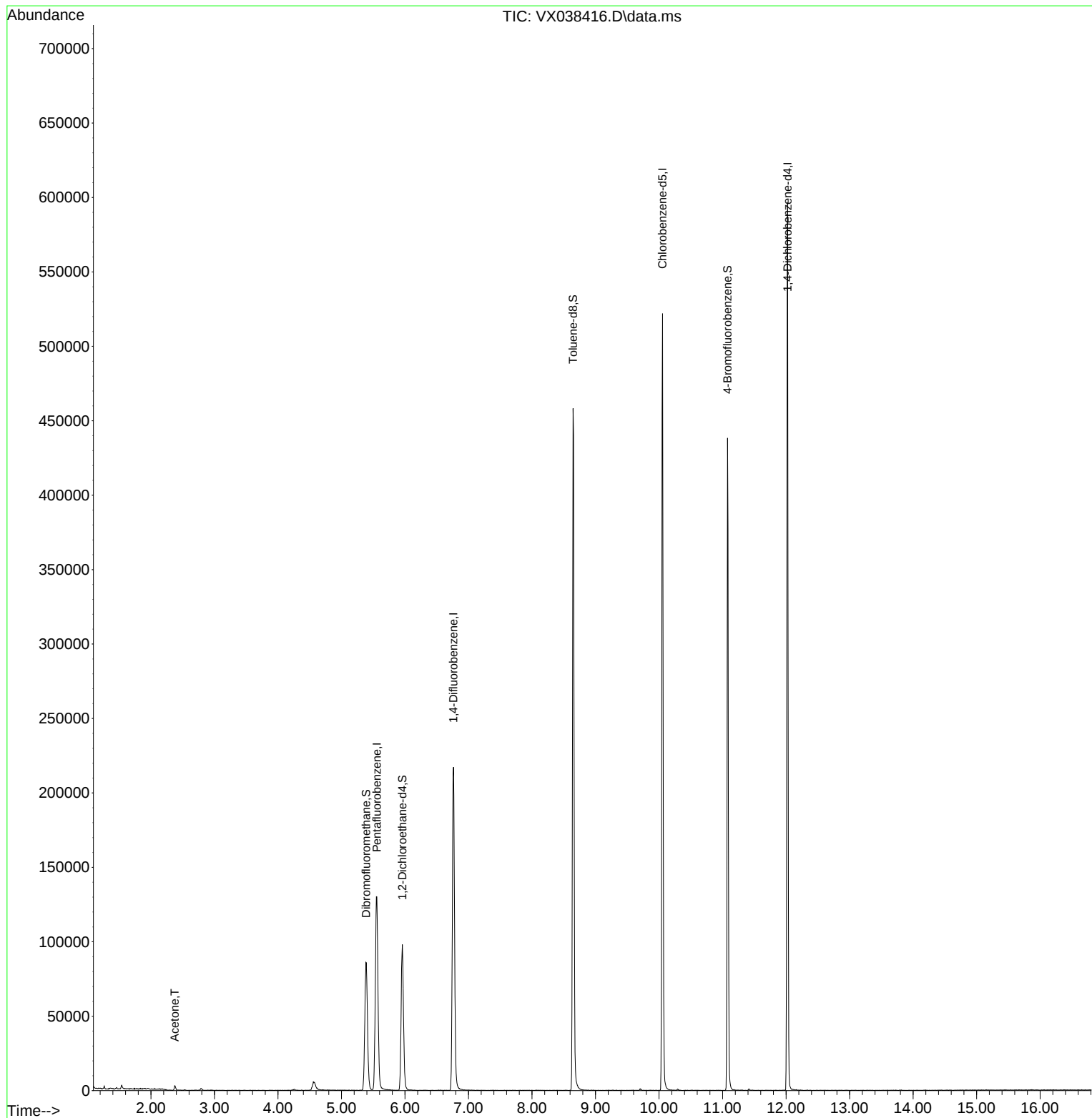
Internal Standards						
1) Pentafluorobenzene	5.556	168	125883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92432	45.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.300%
35) Dibromofluoromethane	5.385	113	74708	45.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	288030	45.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.079	95	110273	46.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.900%
Target Compounds						
16) Acetone	2.374	43	3249	3.845	ug/l	Qvalue 93

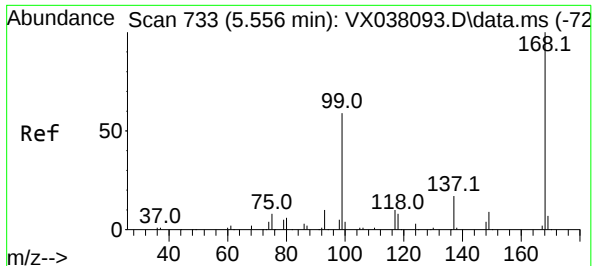
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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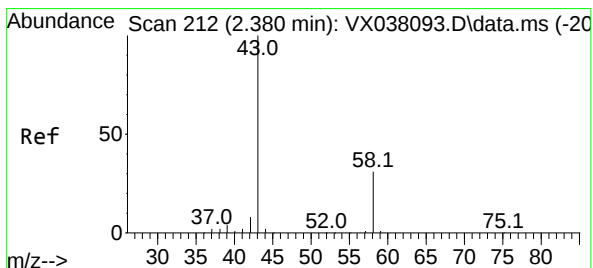
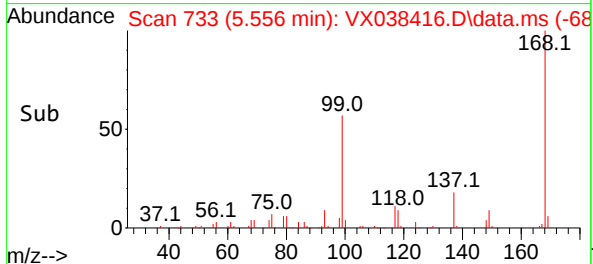
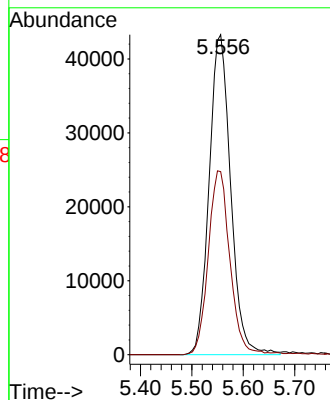
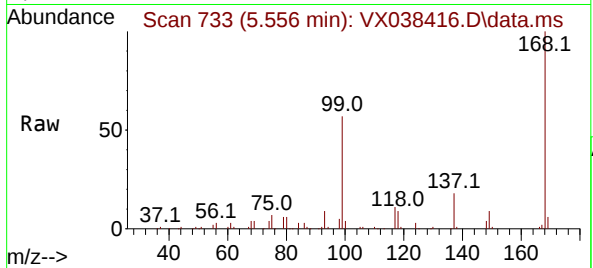




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

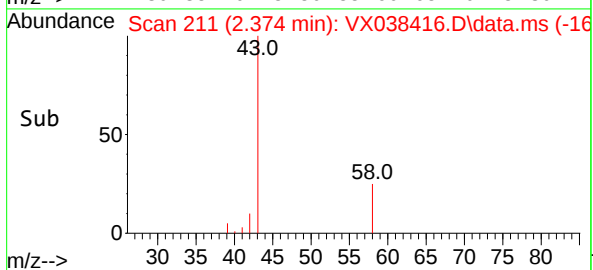
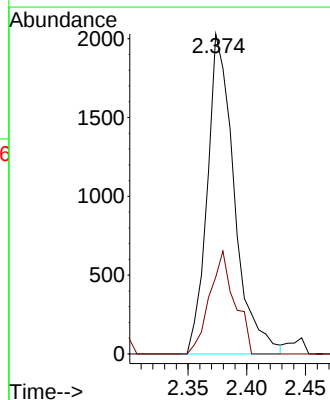
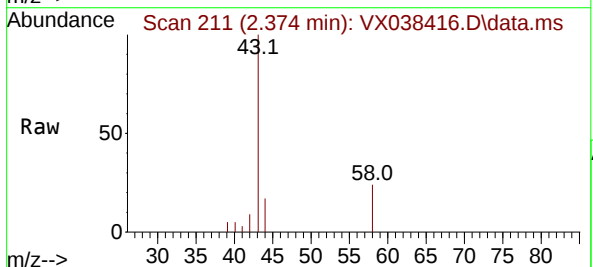
Instrument :
MSVOA_X
ClientSampleId :
1027

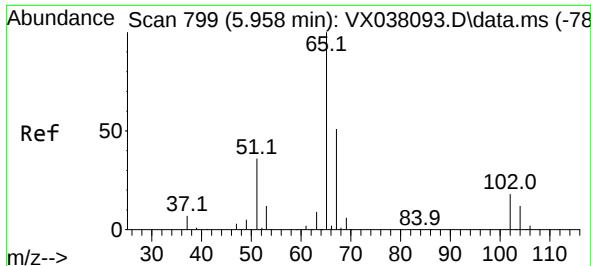
Tgt Ion:168 Resp: 125883
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 3.845 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9

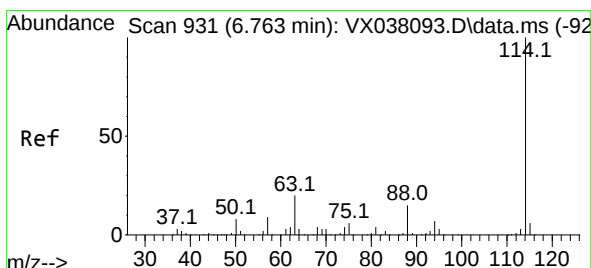
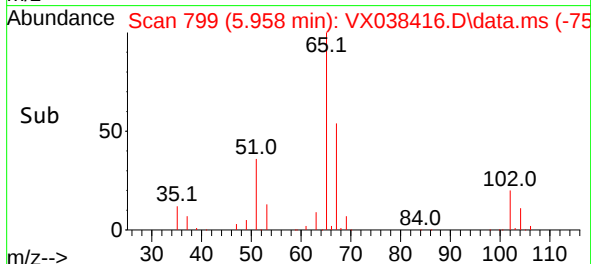
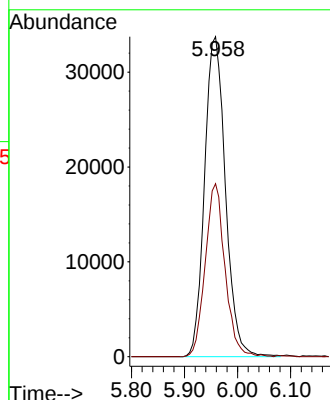
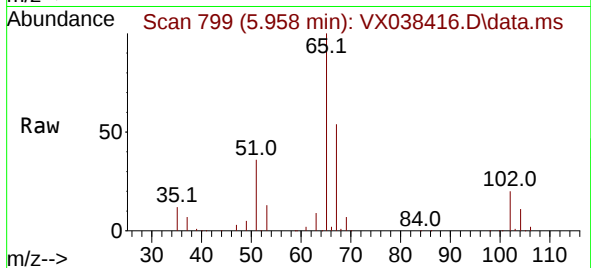




#33
1,2-Dichloroethane-d4
Concen: 45.651 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

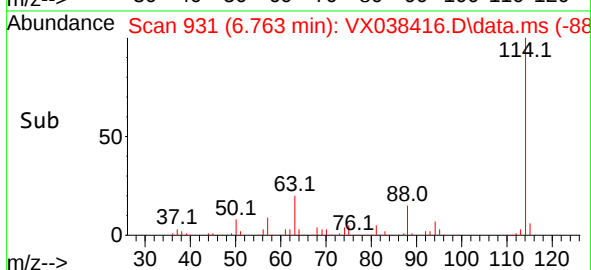
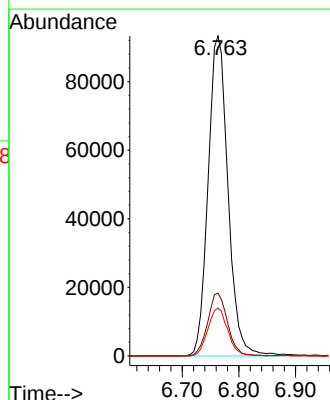
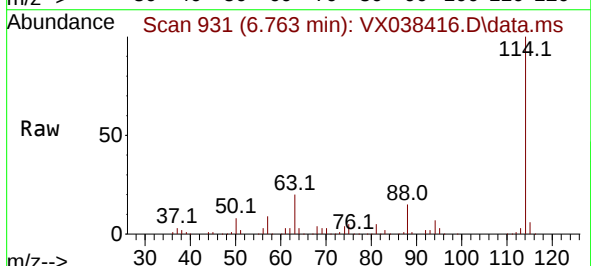
Instrument :
MSVOA_X
ClientSampleId :
1027

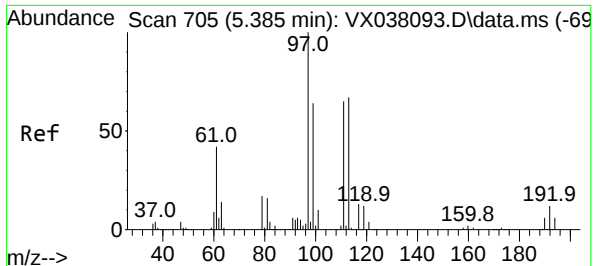
Tgt Ion: 65 Resp: 92432
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

Tgt Ion: 114 Resp: 227443
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.0 0.0 36.6

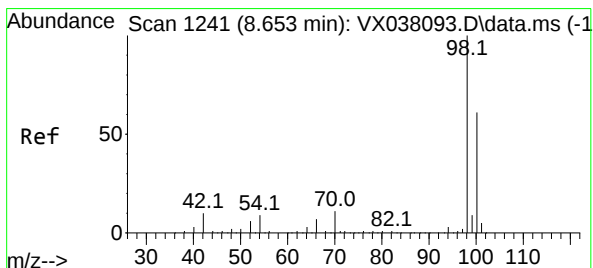
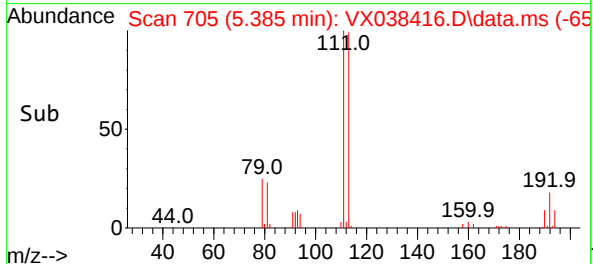
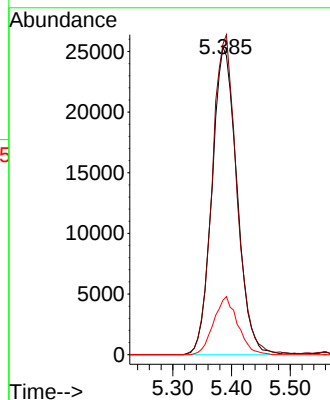
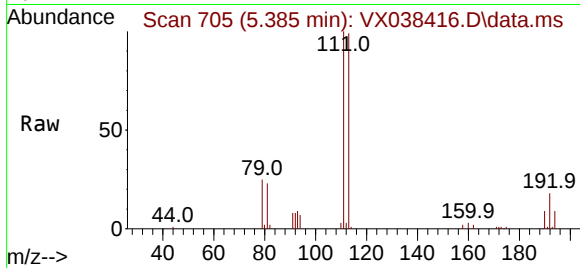




#35
Dibromofluoromethane
Concen: 45.585 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

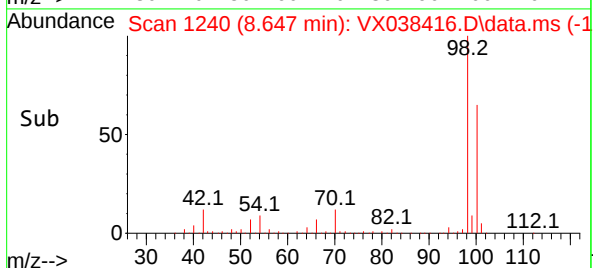
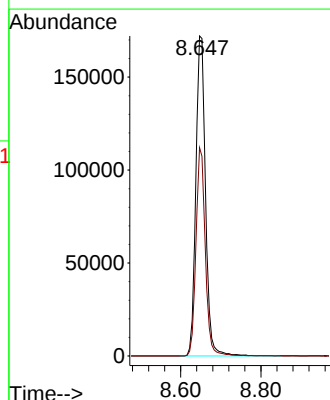
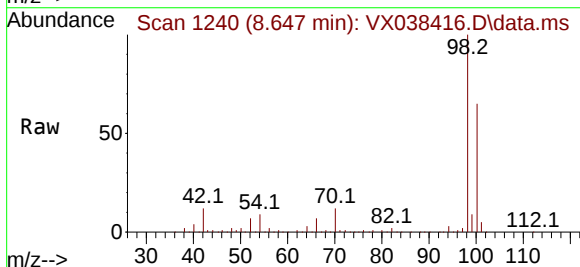
Instrument :
MSVOA_X
ClientSampleId :
1027

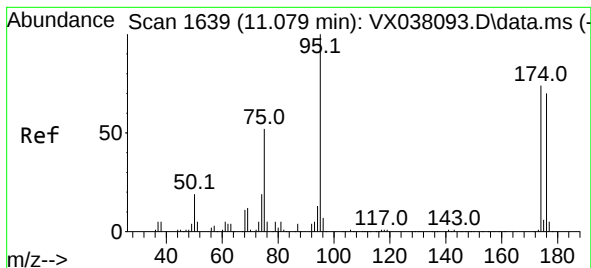
Tgt Ion:113 Resp: 74708
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.3 13.3 19.9



#50
Toluene-d8
Concen: 45.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

Tgt Ion: 98 Resp: 288030
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

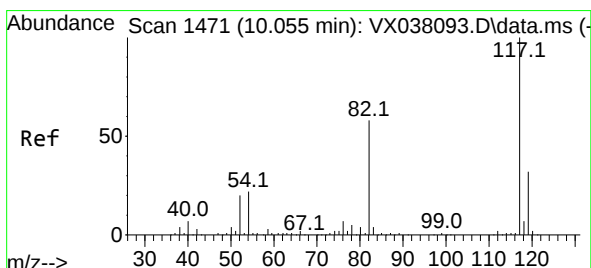
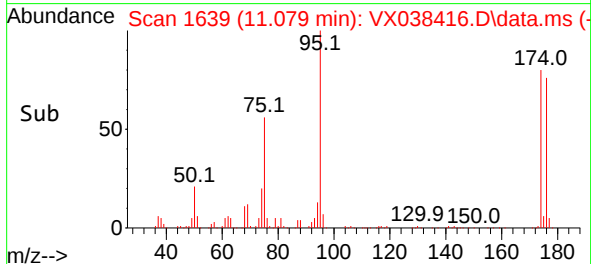
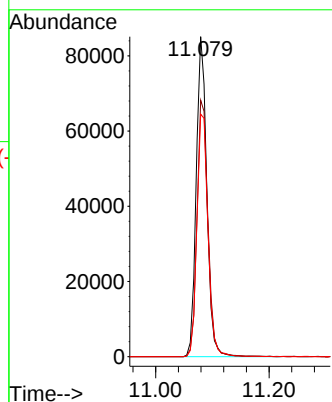
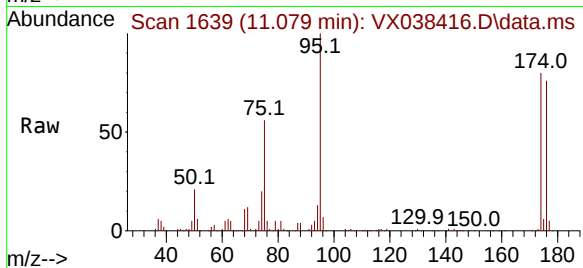




#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 11.079 min Scan# 110273
Delta R.T. 0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

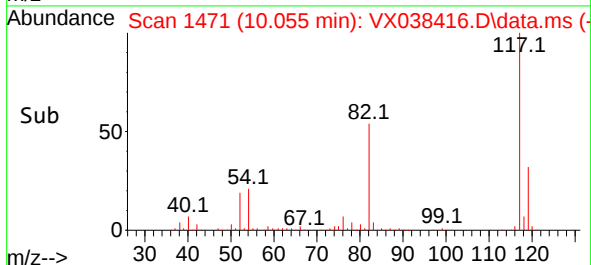
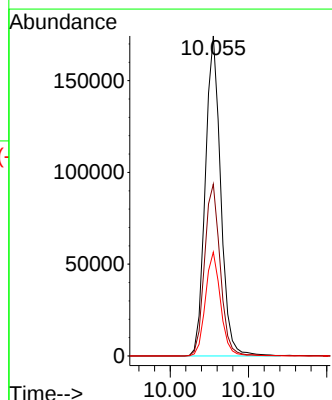
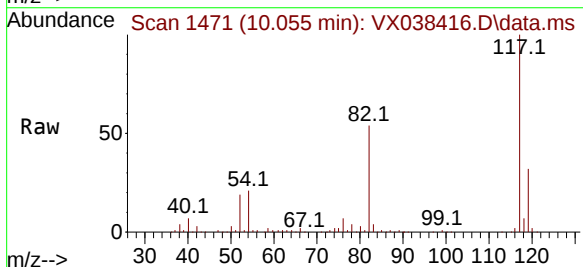
Instrument :
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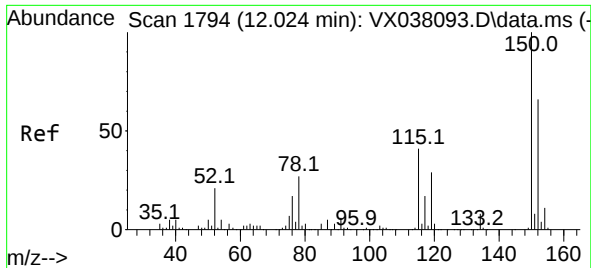
Tgt Ion: 95 Resp: 110273
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038416.D
Acq: 20 Oct 2023 20:31

Tgt Ion: 117 Resp: 237804
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.5 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: VX038416.D

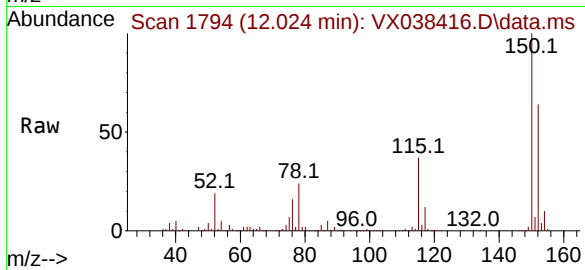
Acq: 20 Oct 2023 20:31

Instrument :

MSVOA_X

ClientSampleId :

1027



Tgt Ion:152 Resp: 125059

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 155.0 0.0 345.0

