

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038425.D
 Acq On : 23 Oct 2023 12:22
 Operator : JC/MD
 Sample : 05005-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-9

Quant Time: Oct 24 00:00:22 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)

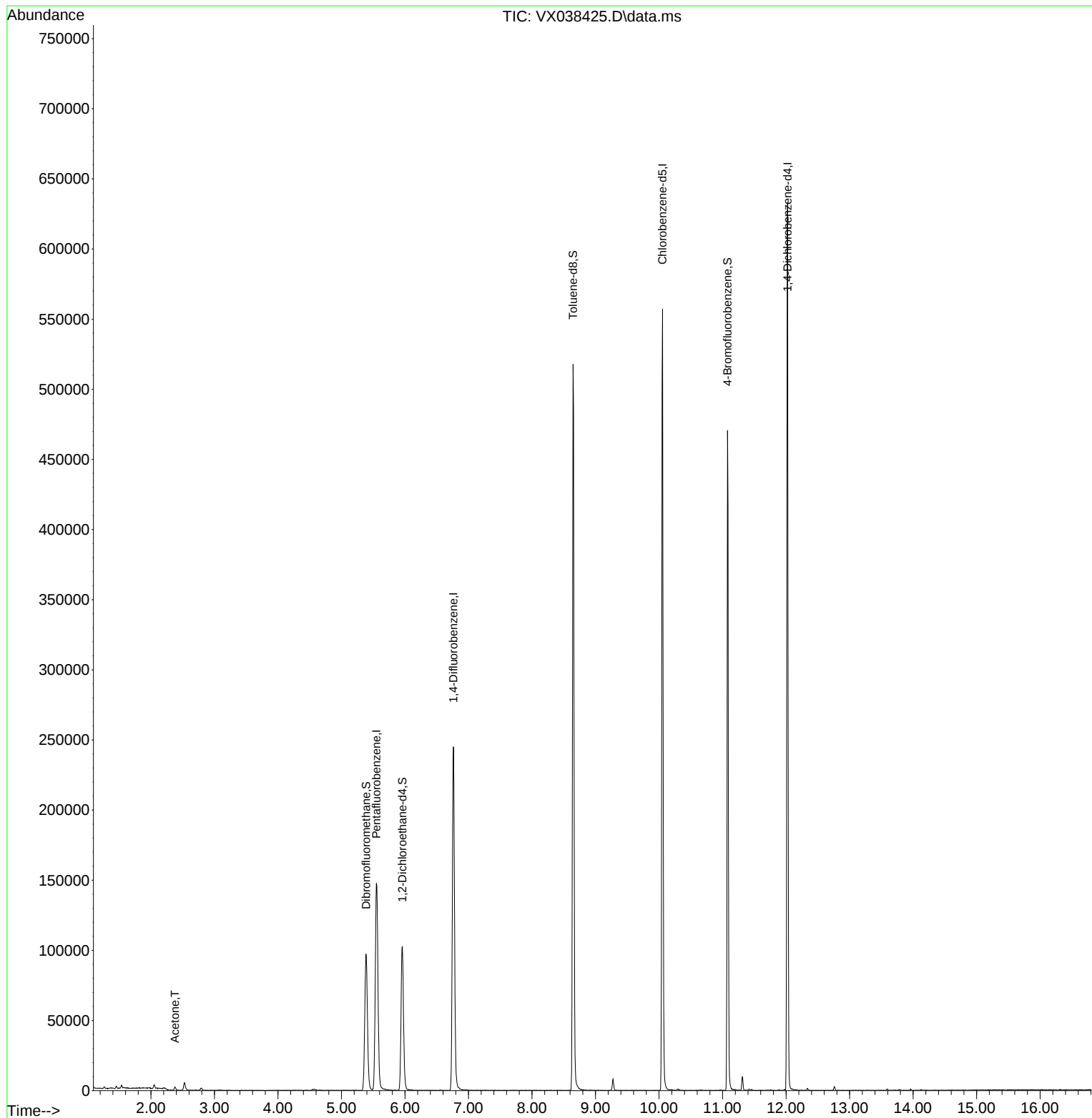
Internal Standards						
1) Pentafluorobenzene	5.550	168	144860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100178	42.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.385	113	84769	45.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	317733	44.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.180%#
62) 4-Bromofluorobenzene	11.079	95	121050	44.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%
Target Compounds						
16) Acetone	2.380	43	2606	2.680	ug/l	Qvalue 98

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

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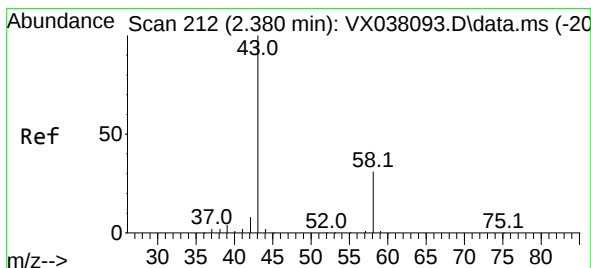
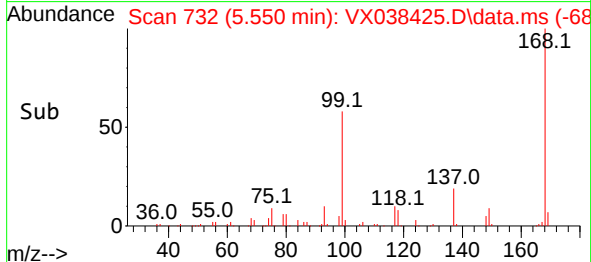
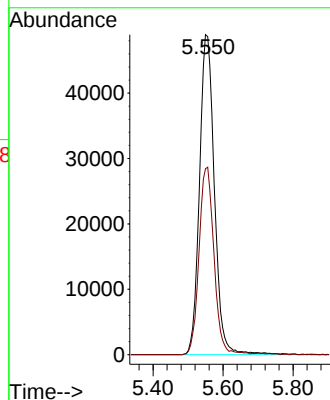
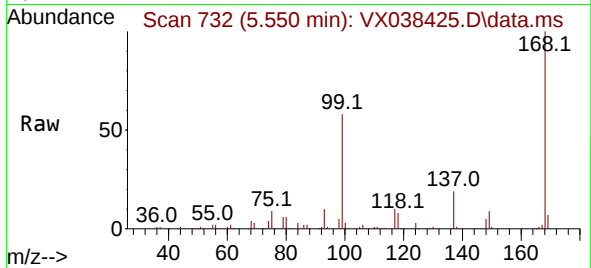




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

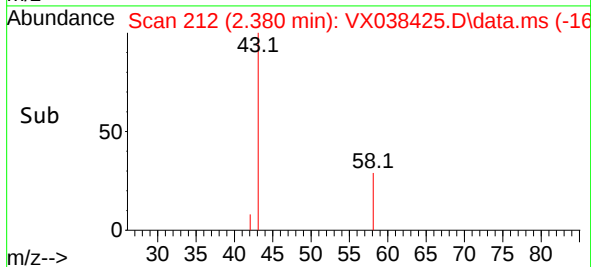
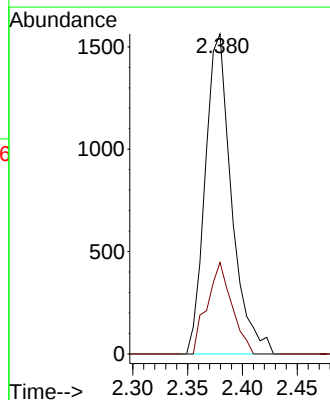
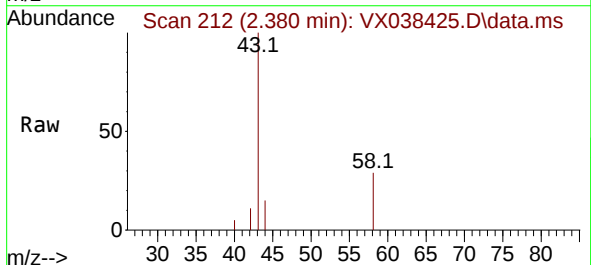
Instrument :
MSVOA_X
ClientSampleId :
TB-9

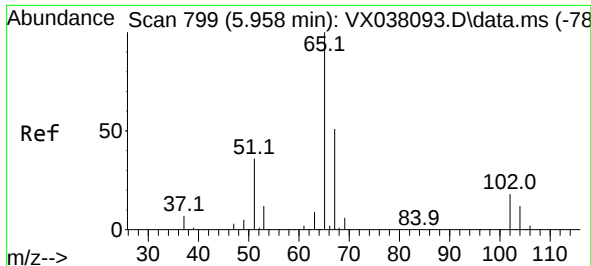
Tgt Ion:168 Resp: 144860
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#16
Acetone
Concen: 2.680 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 43 Resp: 2606
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

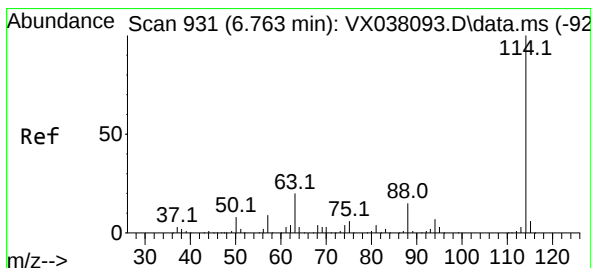
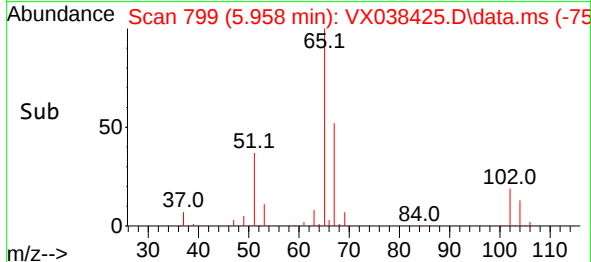
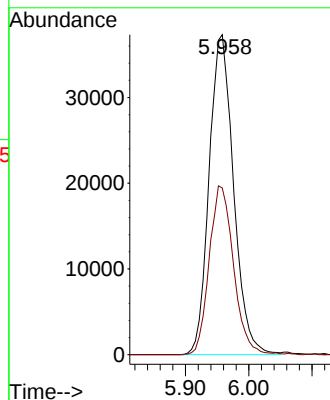
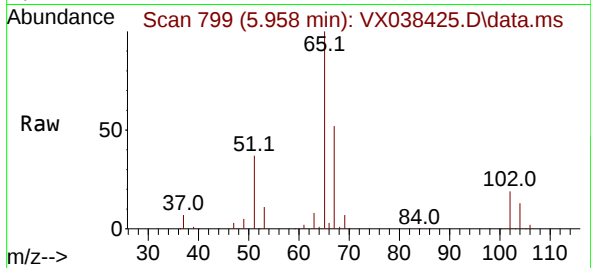




#33
 1,2-Dichloroethane-d4
 Concen: 42.995 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

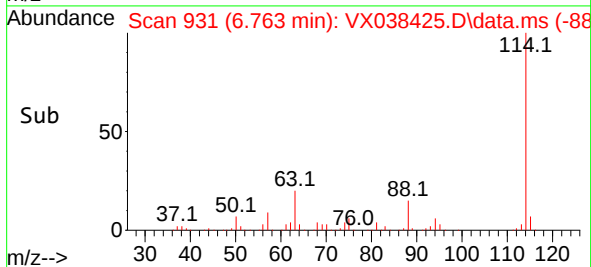
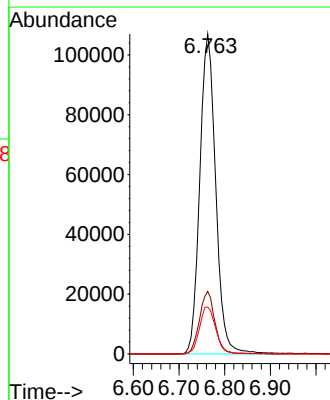
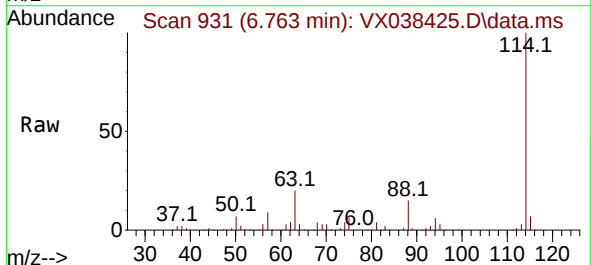
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-9

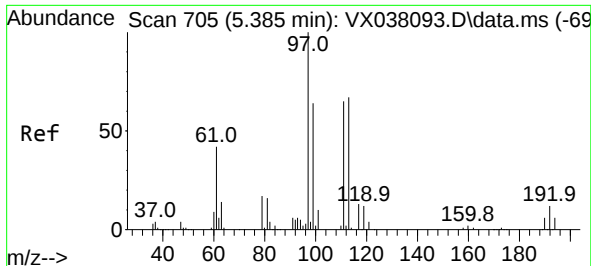
Tgt Ion: 65 Resp: 100178
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

Tgt Ion: 114 Resp: 258780
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 14.7 0.0 36.6

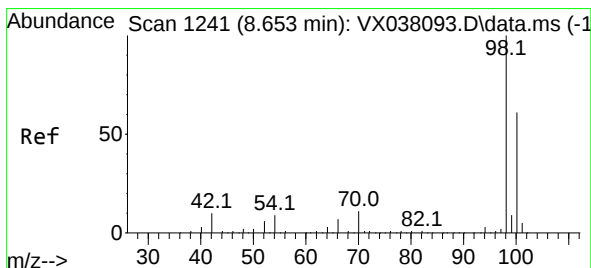
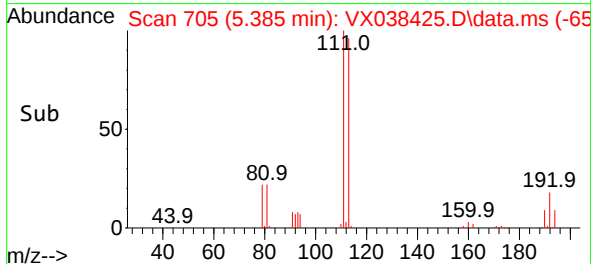
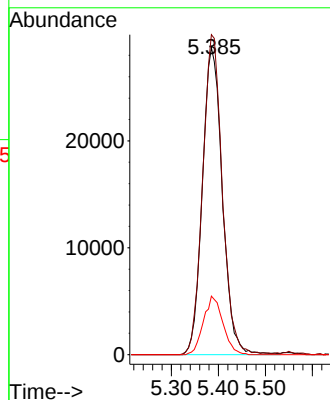
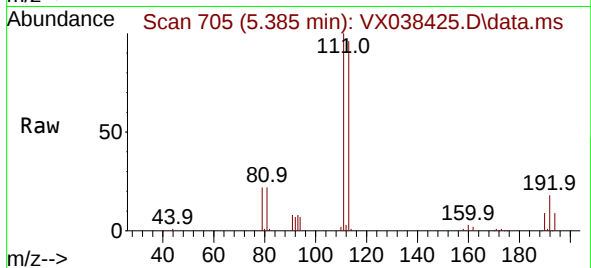




#35
Dibromofluoromethane
Concen: 45.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

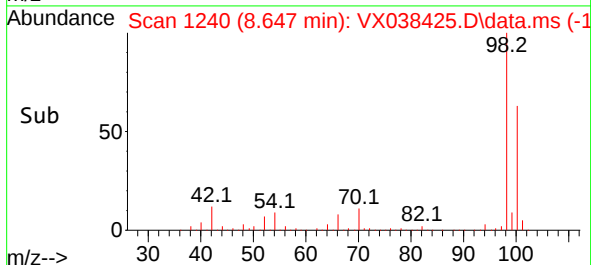
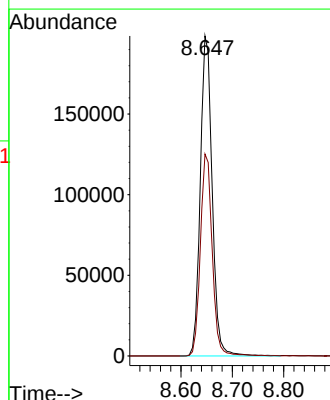
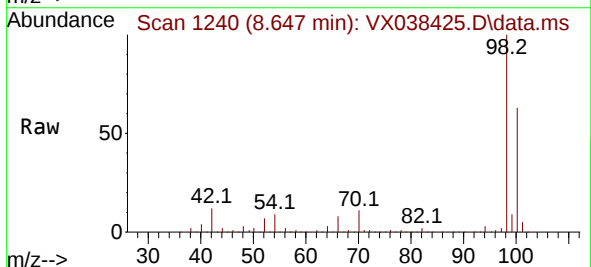
Instrument :
MSVOA_X
ClientSampleId :
TB-9

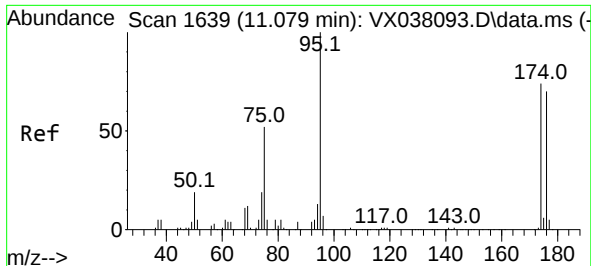
Tgt Ion:113 Resp: 84769
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.6 13.3 19.9



#50
Toluene-d8
Concen: 44.592 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 98 Resp: 317733
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.812 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038425.D

Acq: 23 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

TB-9

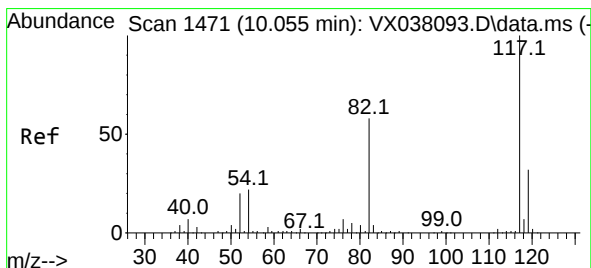
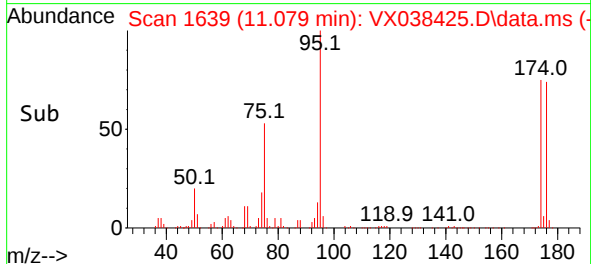
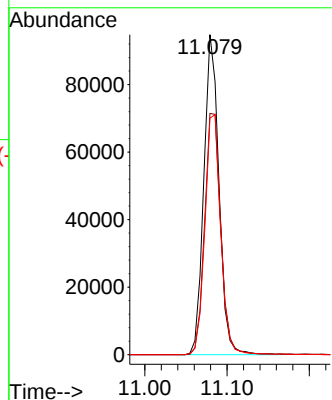
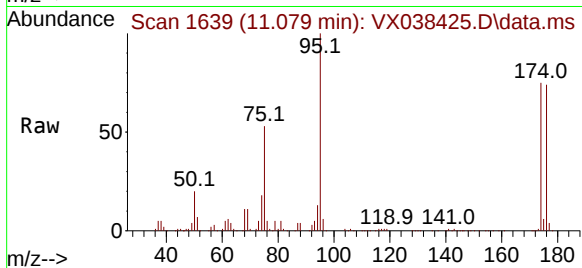
Tgt Ion: 95 Resp: 121050

Ion Ratio Lower Upper

95 100

174 80.9 0.0 135.6

176 78.2 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: VX038425.D

Acq: 23 Oct 2023 12:22

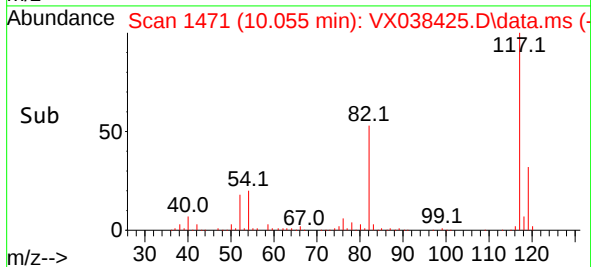
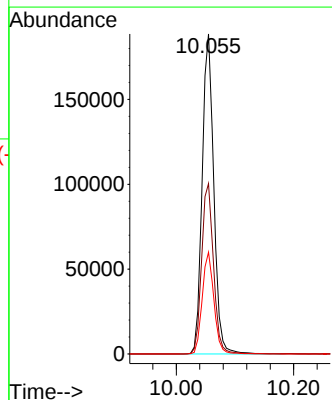
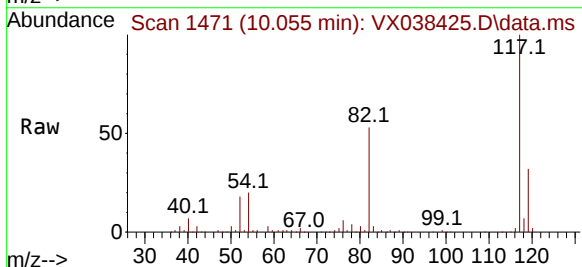
Tgt Ion: 117 Resp: 259015

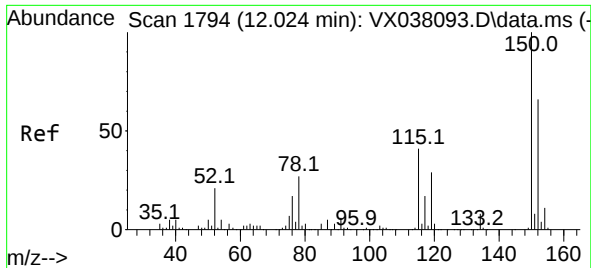
Ion Ratio Lower Upper

117 100

82 53.2 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: VX038425.D

Acq: 23 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

TB-9

Tgt Ion:152 Resp: 134243

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 157.4 0.0 345.0

