

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040439.D
 Acq On : 23 Feb 2024 18:04
 Operator : JC/MD
 Sample : PB159217ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159217ZHE#09

Quant Time: Feb 23 22:23:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

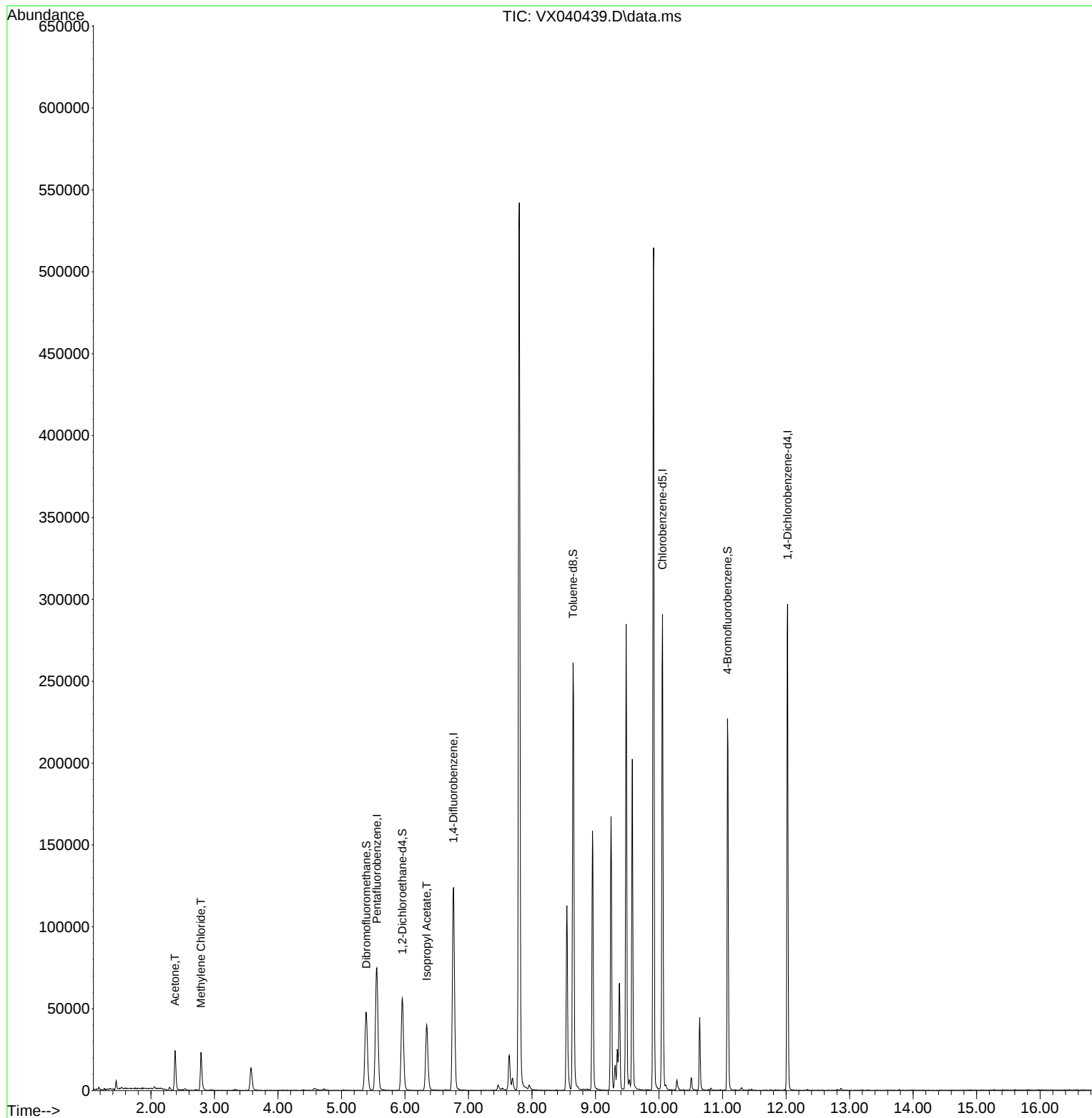
Internal Standards						
1) Pentafluorobenzene	5.556	168	66810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54836	50.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.800%
35) Dibromofluoromethane	5.391	113	40515	50.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	8.647	98	149413	51.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	58492	50.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	26064	57.491	ug/l	92
20) Methylene Chloride	2.788	84	9336	9.835	ug/l	91
43) Isopropyl Acetate	6.342	43	56469	26.089	ug/l	97

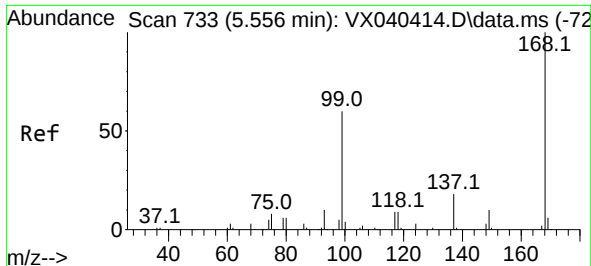
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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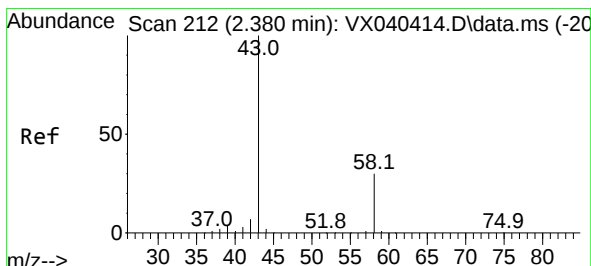
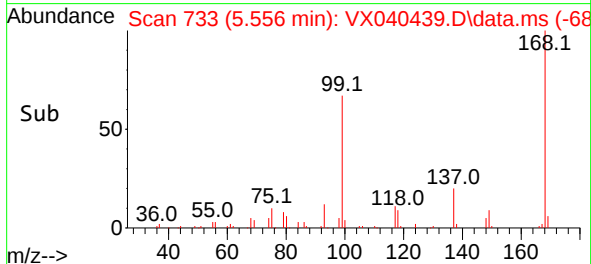
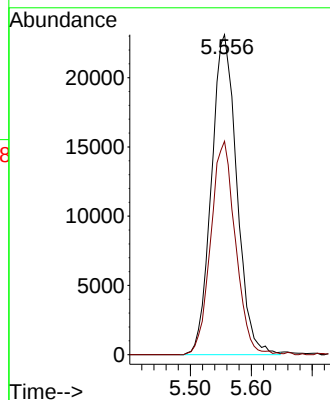
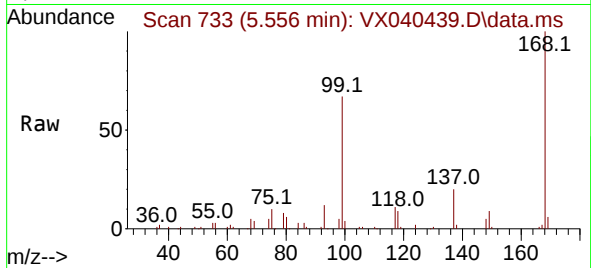




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

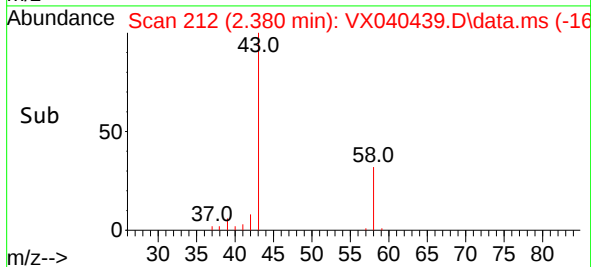
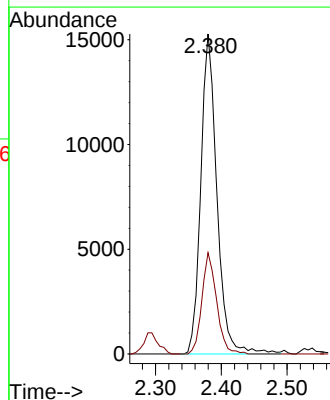
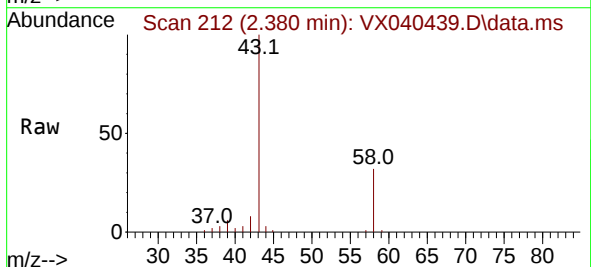
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#09

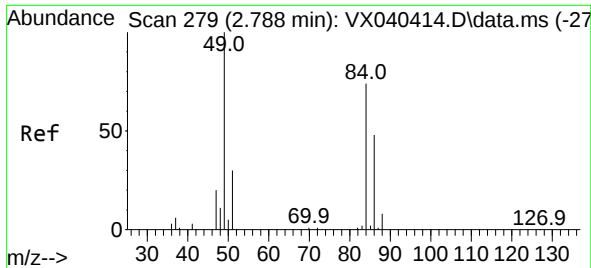
Tgt Ion:168 Resp: 66810
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#16
Acetone
Concen: 57.491 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

Tgt Ion: 43 Resp: 26064
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

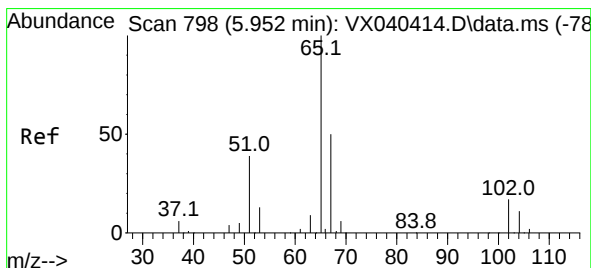
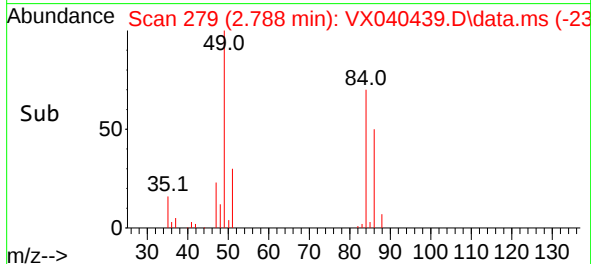
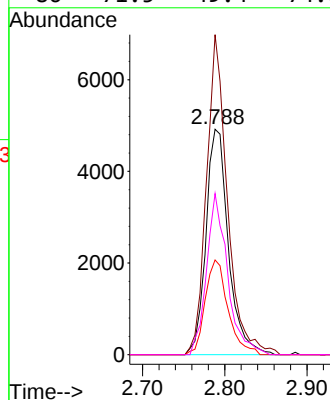
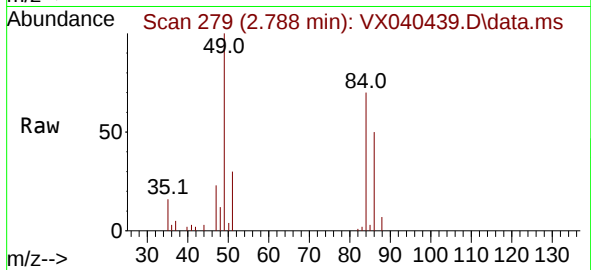




#20
Methylene Chloride
Concen: 9.835 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

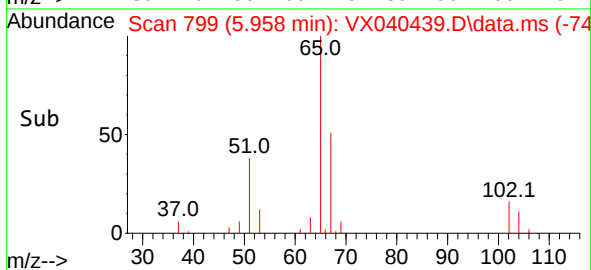
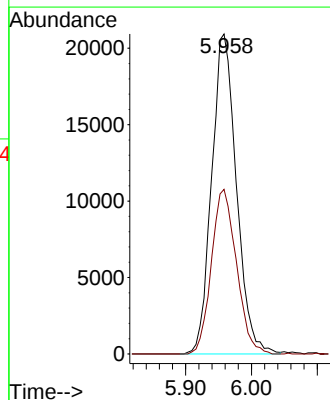
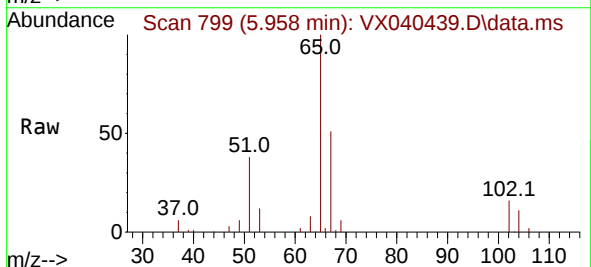
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#09

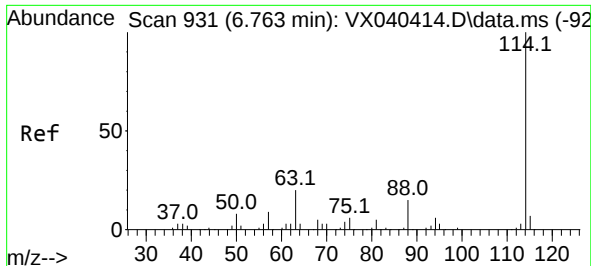
Tgt Ion:	84	Resp:	9336
Ion	Ratio	Lower	Upper
84	100		
49	142.0	103.6	155.4
51	42.0	33.8	50.6
86	71.5	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 50.398 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

Tgt Ion:	65	Resp:	54836
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	100.2

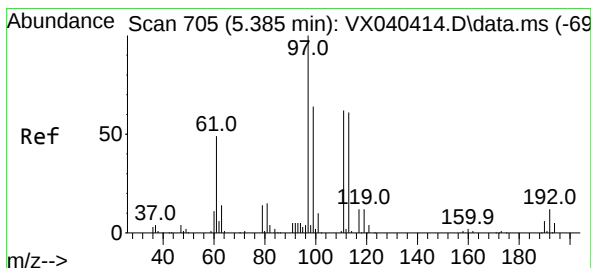
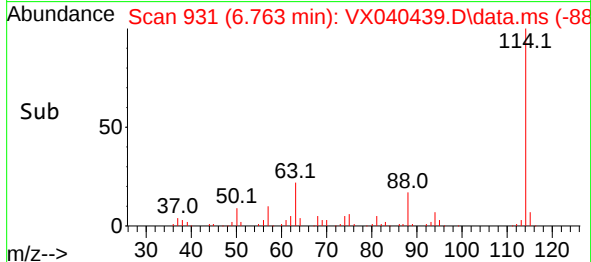
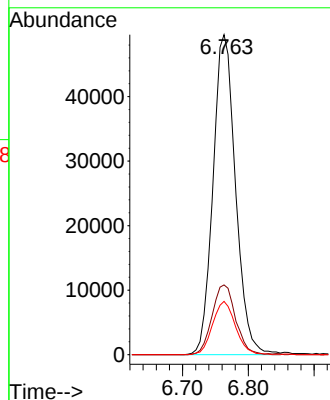
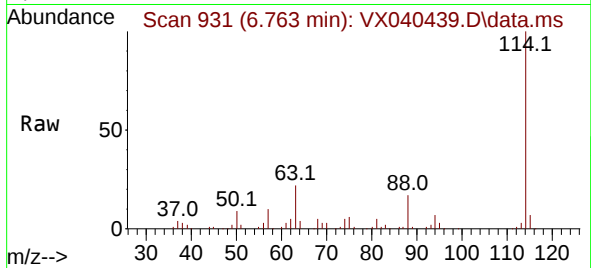




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

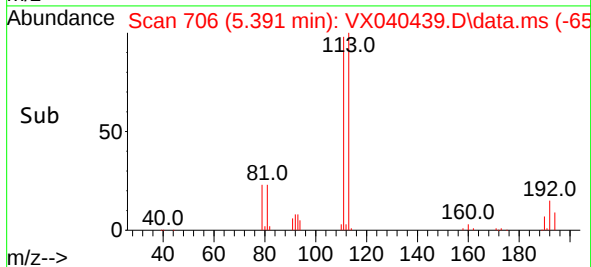
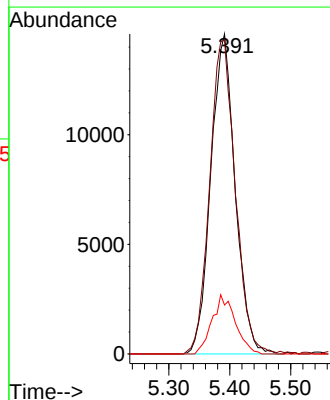
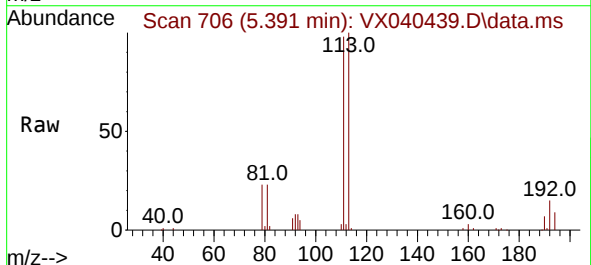
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#09

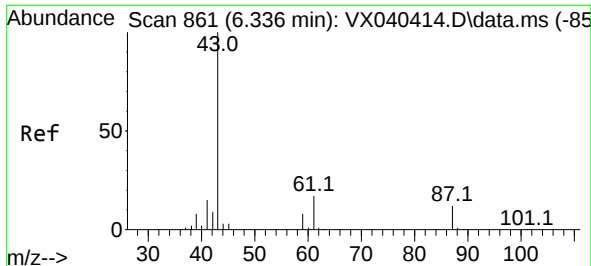
Tgt Ion:114 Resp: 118390
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.783 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

Tgt Ion:113 Resp: 40515
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.6 13.3 19.9

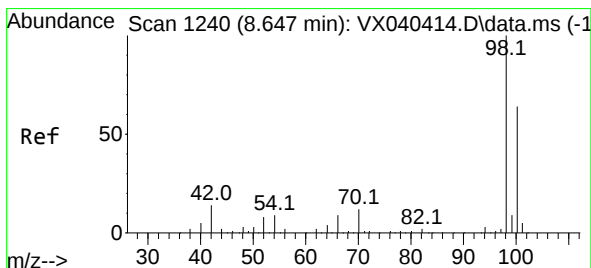
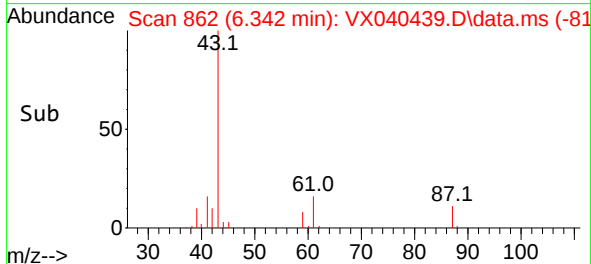
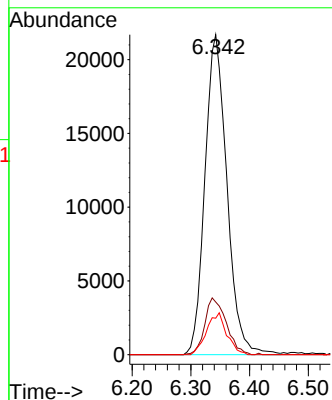
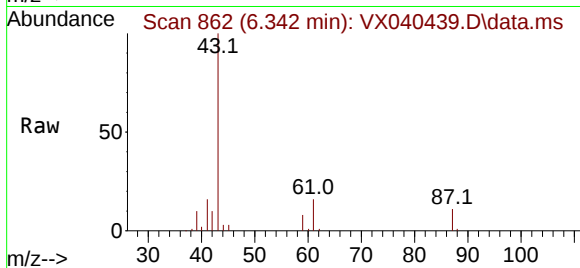




#43
Isopropyl Acetate
Concen: 26.089 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

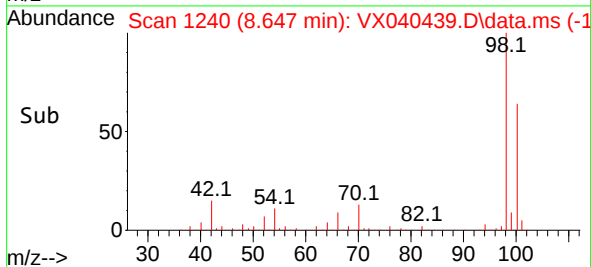
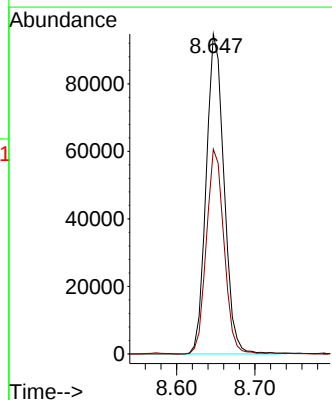
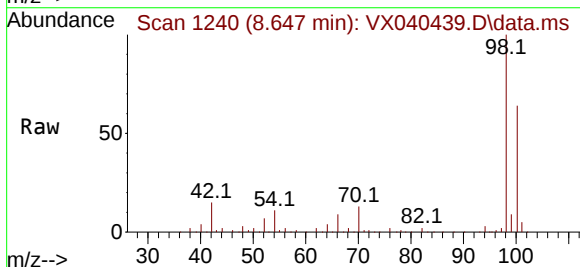
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#09

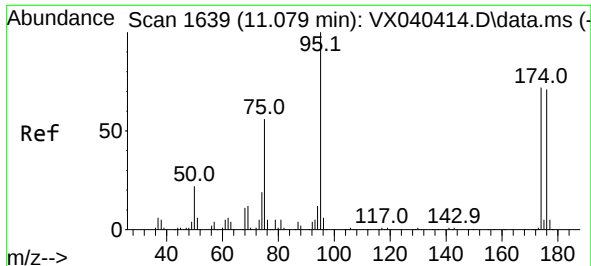
Tgt Ion: 43 Resp: 56469
Ion Ratio Lower Upper
43 100
61 17.3 15.2 22.8
87 12.0 9.8 14.6



#50
Toluene-d8
Concen: 51.848 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040439.D
Acq: 23 Feb 2024 18:04

Tgt Ion: 98 Resp: 149413
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.653 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040439.D

Acq: 23 Feb 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

PB159217ZHE#09

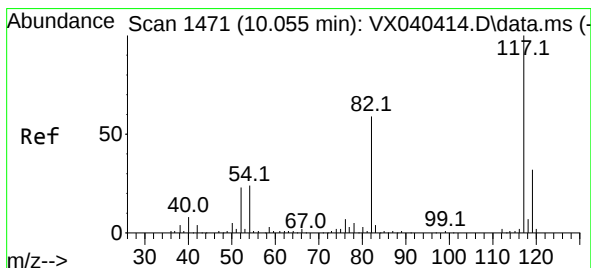
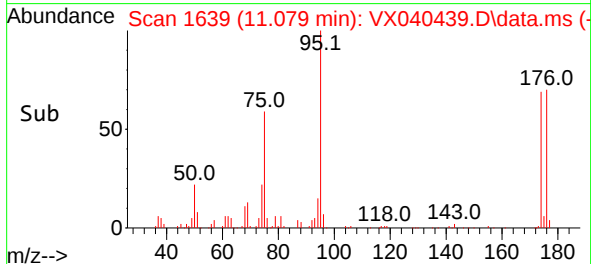
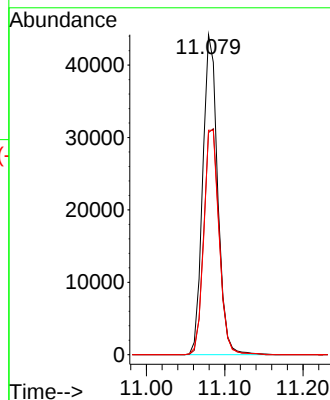
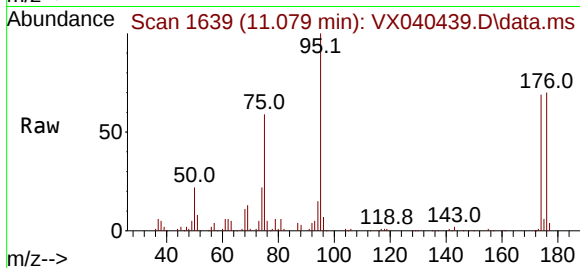
Tgt Ion: 95 Resp: 58492

Ion Ratio Lower Upper

95 100

174 72.5 0.0 135.6

176 72.0 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: VX040439.D

Acq: 23 Feb 2024 18:04

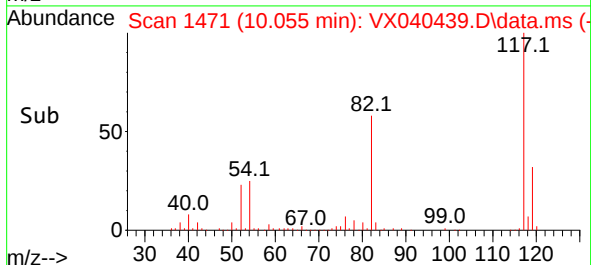
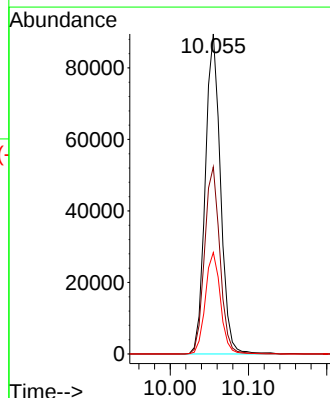
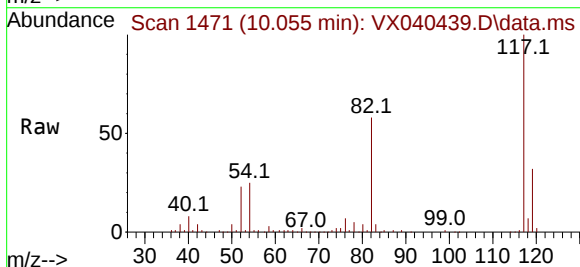
Tgt Ion: 117 Resp: 120305

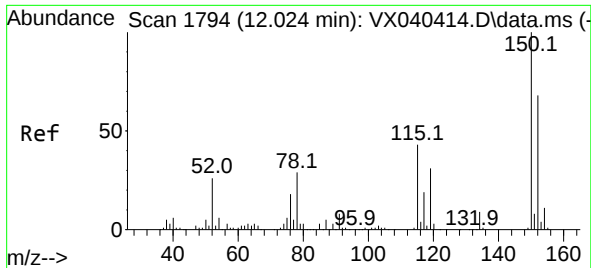
Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 31.7 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: VX040439.D

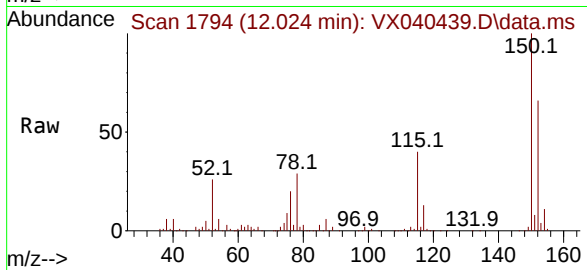
Acq: 23 Feb 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

PB159217ZHE#09



Tgt Ion:152 Resp: 57921

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 153.8 0.0 345.0

