

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036124.D
 Acq On : 12 Jun 2023 15:38
 Operator : JC/MD
 Sample : PB153331ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#04

Quant Time: Jun 13 04:50:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

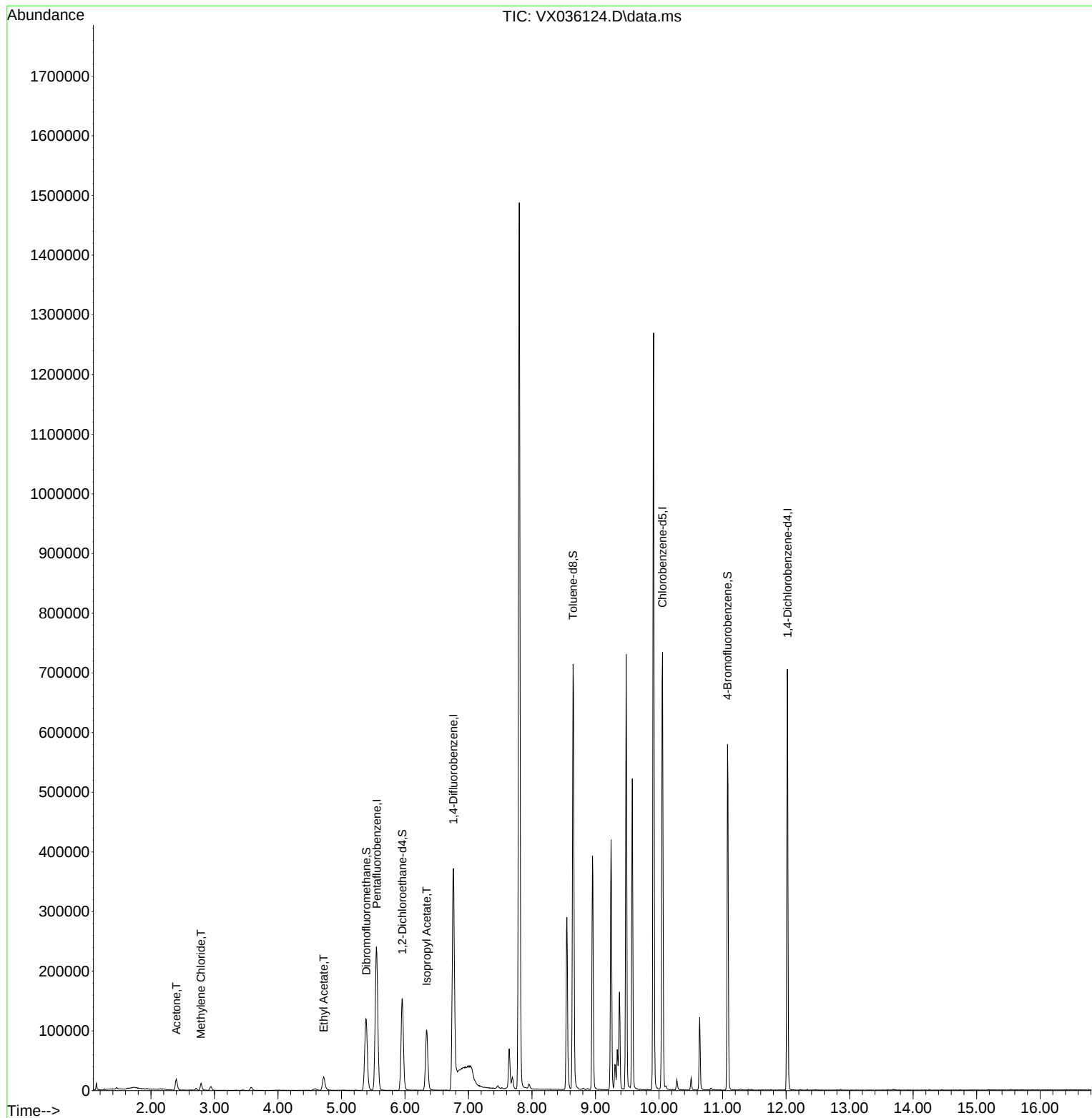
Internal Standards						
1) Pentafluorobenzene	5.556	168	204419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154168	46.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.391	113	104392	45.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	8.647	98	405603	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	157562	48.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	26907	19.648	ug/l	98
20) Methylene Chloride	2.788	84	5402	2.048	ug/l	93
37) Ethyl Acetate	4.721	43	41520	12.298	ug/l	99
43) Isopropyl Acetate	6.342	43	141480	25.486	ug/l	99

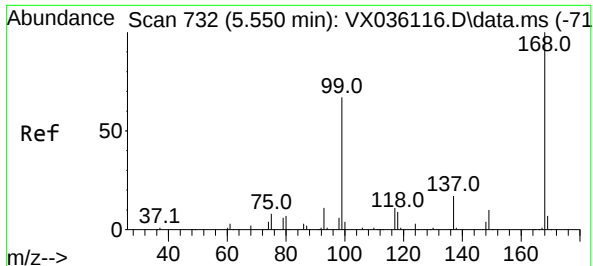
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

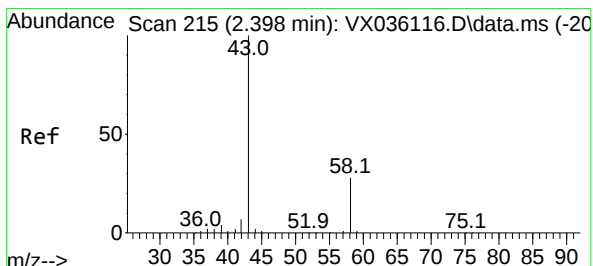
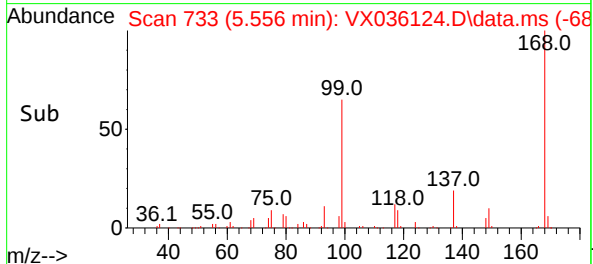
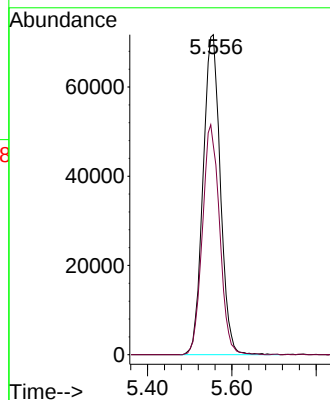
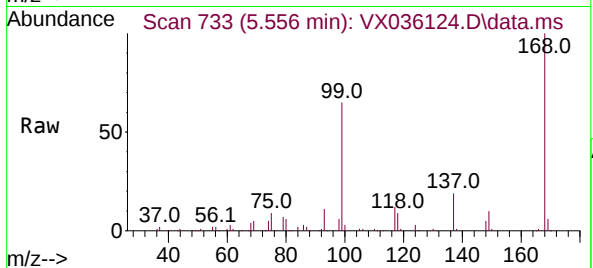




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

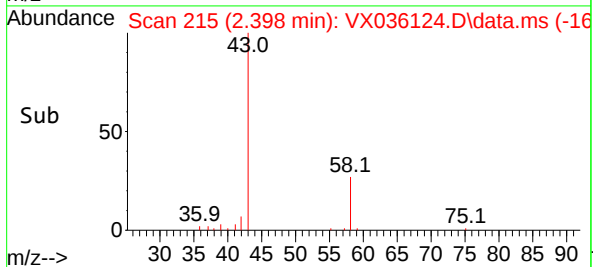
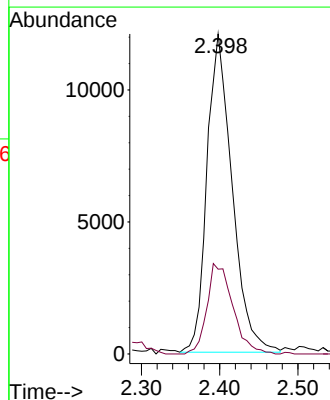
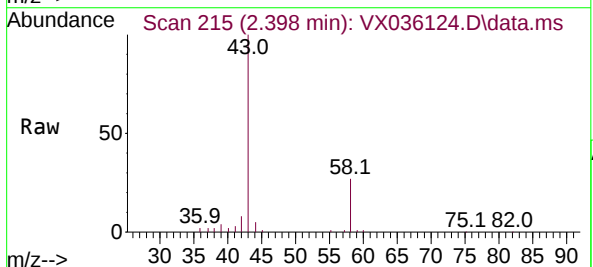
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#04

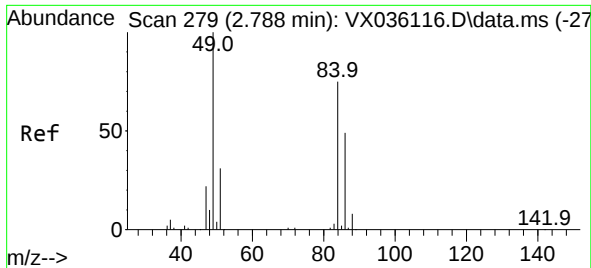
Tgt Ion:168 Resp: 204419
Ion Ratio Lower Upper
168 100
99 65.4 57.0 85.6



#16
Acetone
Concen: 19.648 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

Tgt Ion: 43 Resp: 26907
Ion Ratio Lower Upper
43 100
58 26.7 22.2 33.2

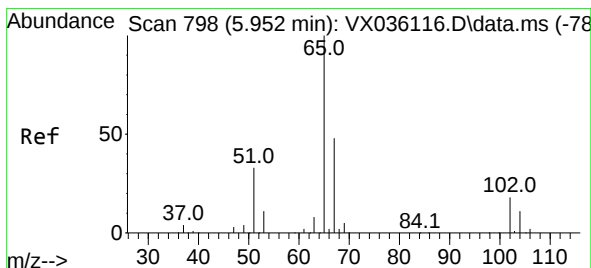
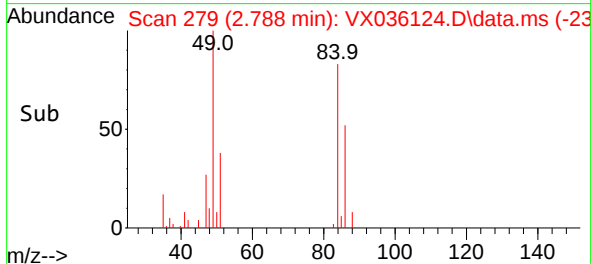
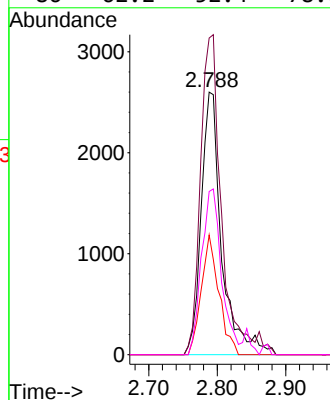
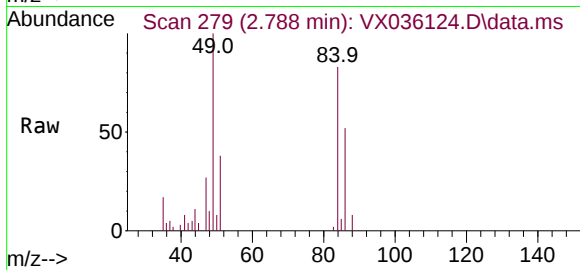




#20
Methylene Chloride
Concen: 2.048 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

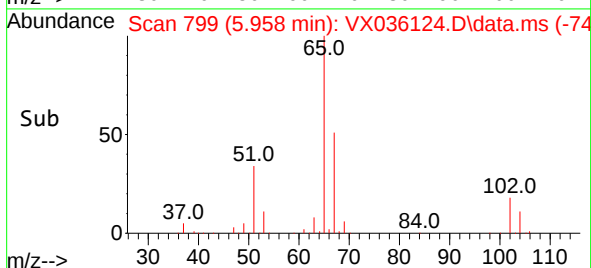
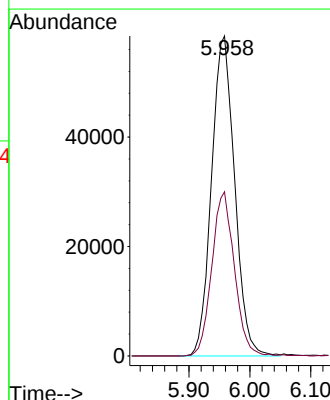
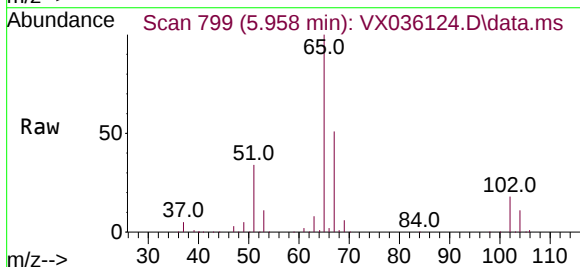
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#04

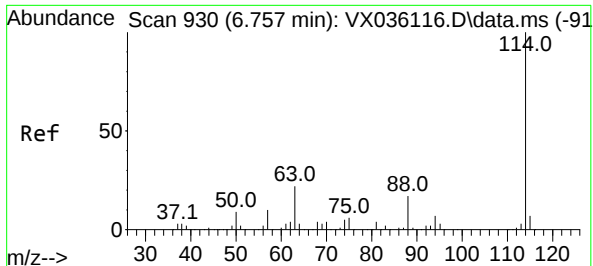
Tgt Ion:	84	Resp:	5402
Ion	Ratio	Lower	Upper
84	100		
49	120.6	104.6	156.8
51	45.6	32.2	48.4
86	62.2	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 46.444 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

Tgt Ion:	65	Resp:	154168
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.6

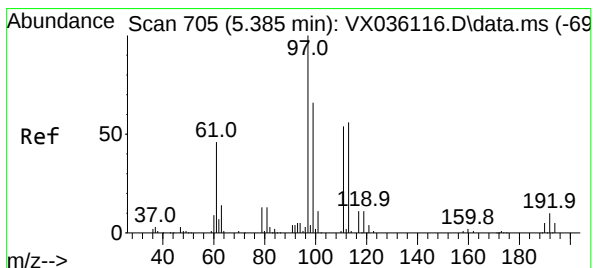
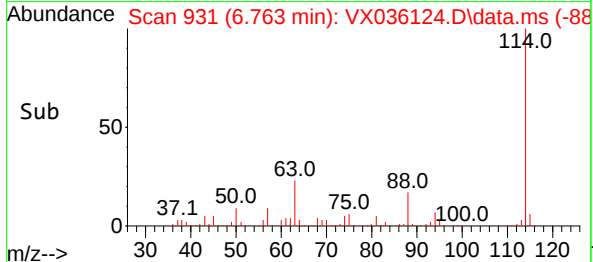
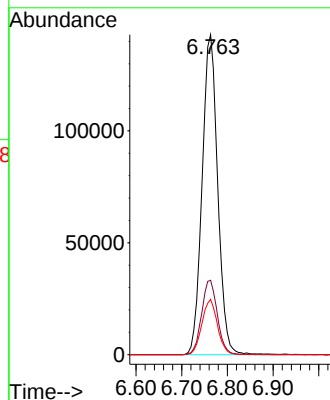
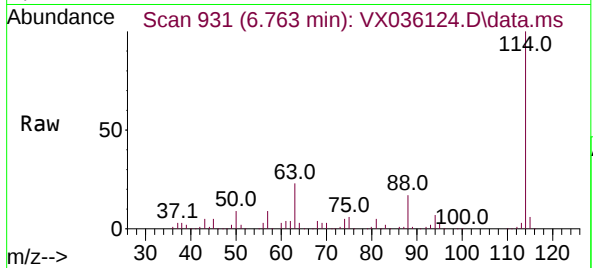




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

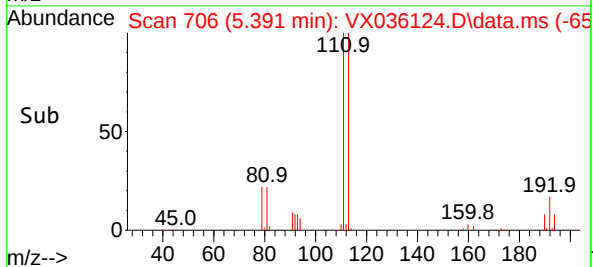
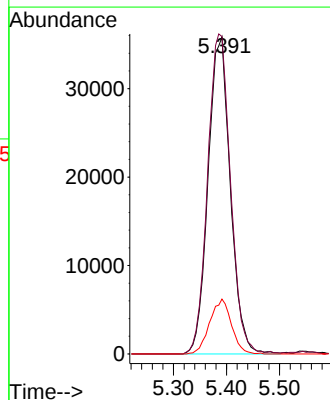
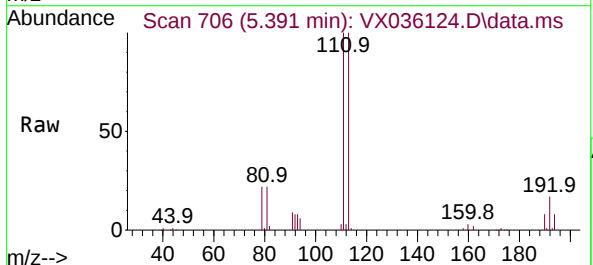
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#04

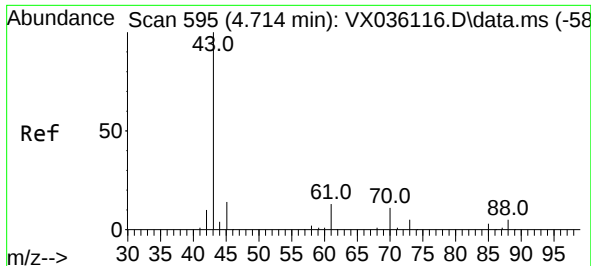
Tgt Ion:114 Resp: 338037
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.915 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

Tgt Ion:113 Resp: 104392
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 16.9 13.5 20.3





#37

Ethyl Acetate

Concen: 12.298 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX036124.D

Acq: 12 Jun 2023 15:38

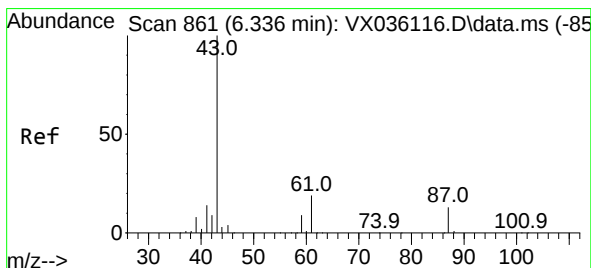
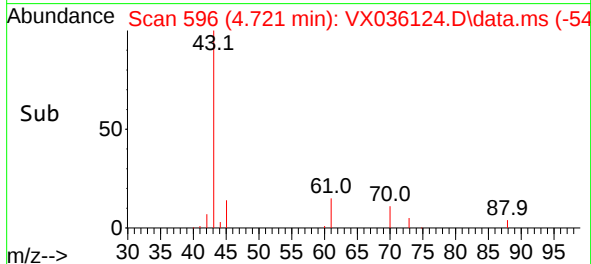
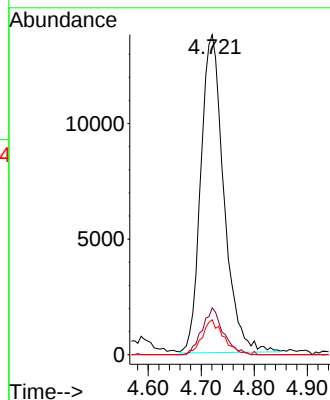
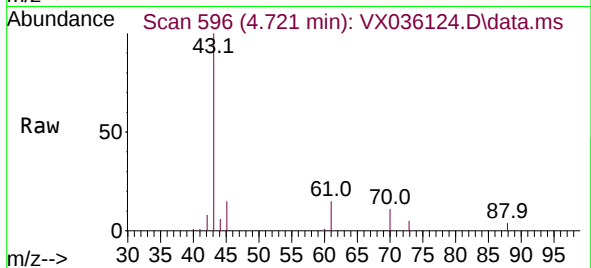
Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#04

Tgt Ion: 43	Resp: 41520
Ion Ratio	Lower Upper
43 100	
61 13.4	10.3 15.5
70 10.2	8.3 12.5



#43

Isopropyl Acetate

Concen: 25.486 ug/l

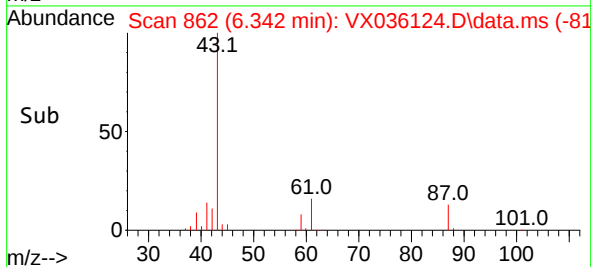
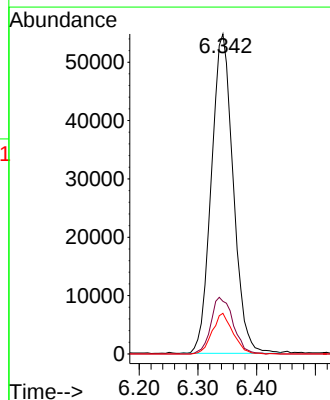
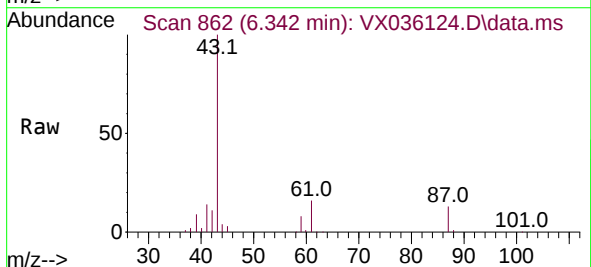
RT: 6.342 min Scan# 862

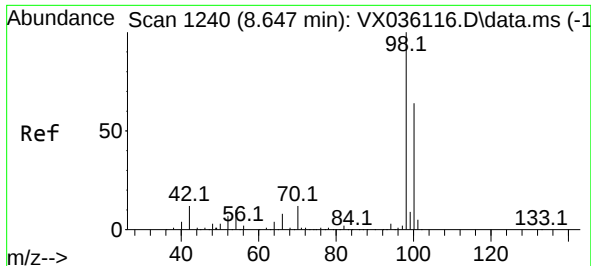
Delta R.T. 0.006 min

Lab File: VX036124.D

Acq: 12 Jun 2023 15:38

Tgt Ion: 43	Resp: 141480
Ion Ratio	Lower Upper
43 100	
61 18.0	15.0 22.4
87 12.0	9.9 14.9

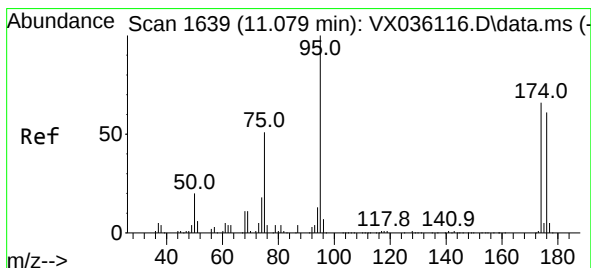
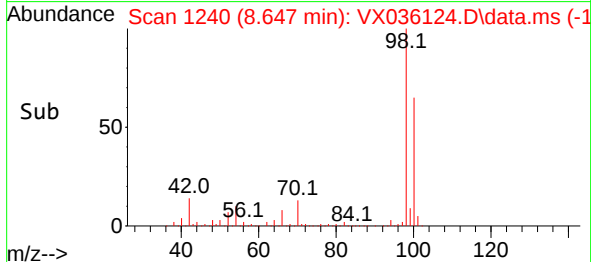
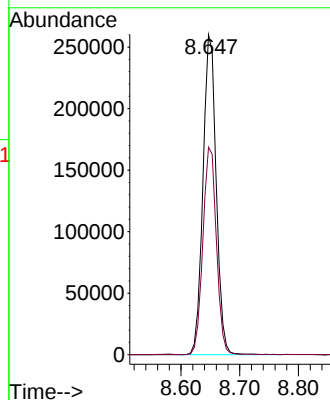
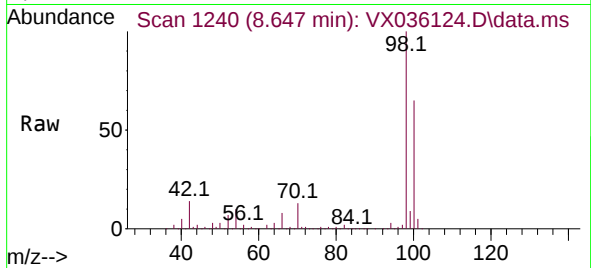




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

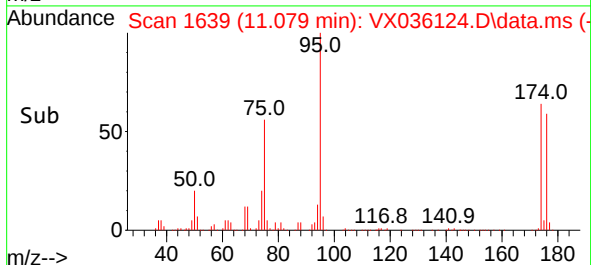
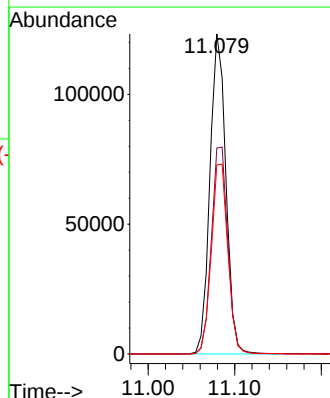
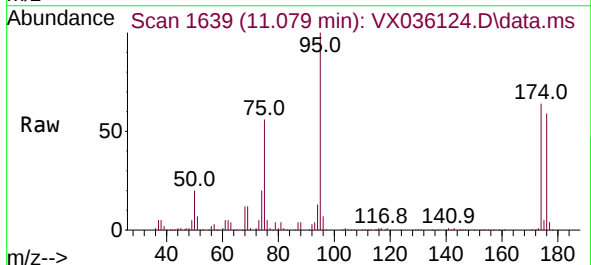
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#04

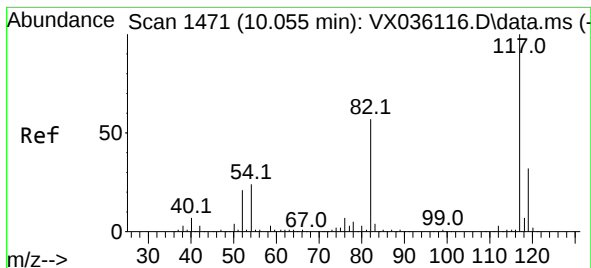
Tgt Ion: 98 Resp: 405603
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036124.D
Acq: 12 Jun 2023 15:38

Tgt Ion: 95 Resp: 157562
Ion Ratio Lower Upper
95 100
174 66.9 0.0 132.6
176 61.6 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036124.D

Acq: 12 Jun 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#04

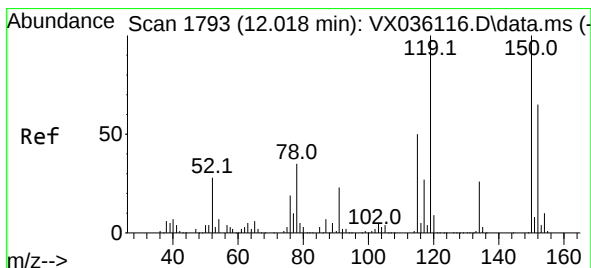
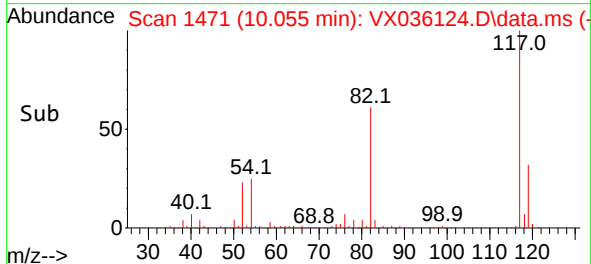
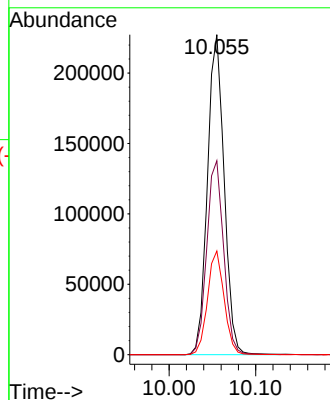
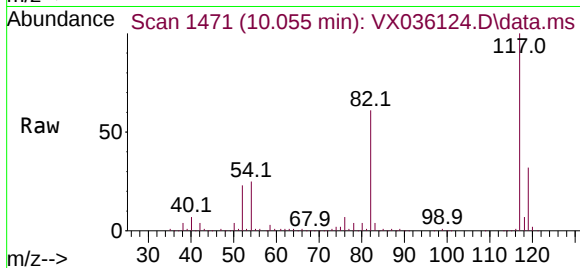
Tgt Ion:117 Resp: 304018

Ion Ratio Lower Upper

117 100

82 60.6 46.6 69.8

119 32.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036124.D

Acq: 12 Jun 2023 15:38

Tgt Ion:152 Resp: 134052

Ion Ratio Lower Upper

152 100

115 67.0 45.5 136.5

150 161.0 0.0 345.2

