

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039480.D
 Acq On : 26 Dec 2023 20:00
 Operator : JC/MD
 Sample : PB158014ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#06

Quant Time: Dec 27 04:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

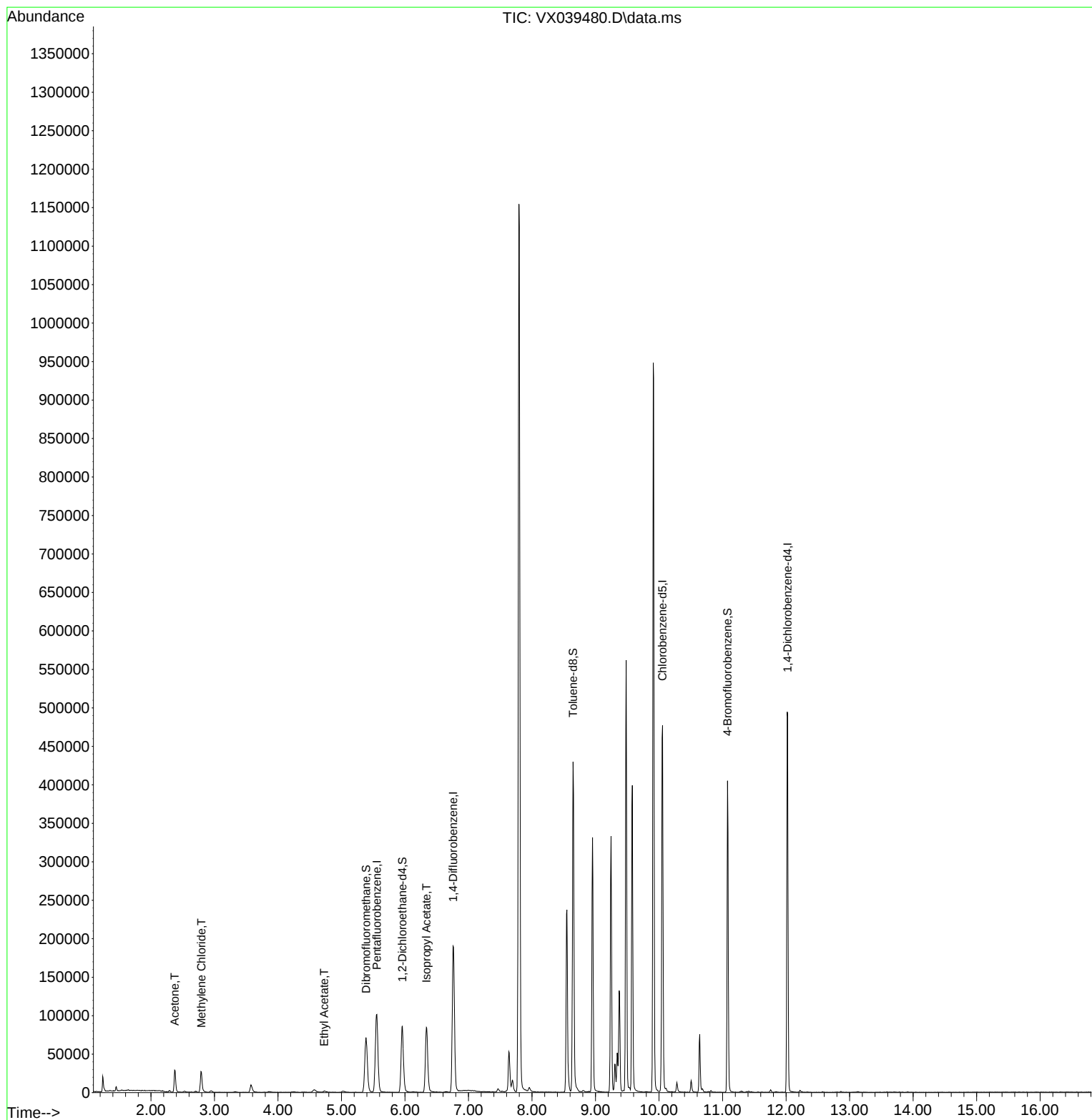
Internal Standards						
1) Pentafluorobenzene	5.556	168	88110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81109	50.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.500%
35) Dibromofluoromethane	5.385	113	61428	47.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	248328	51.283	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.079	95	107840	53.976	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.960%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	30986	10.683	ug/l	93
20) Methylene Chloride	2.794	84	12878	9.571	ug/l	91
37) Ethyl Acetate	4.727	43	3341	1.314	ug/l #	94
43) Isopropyl Acetate	6.336	43	120928	29.244	ug/l	99

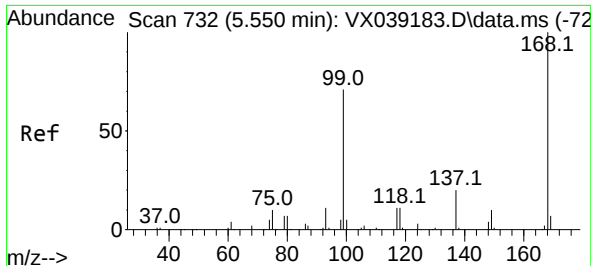
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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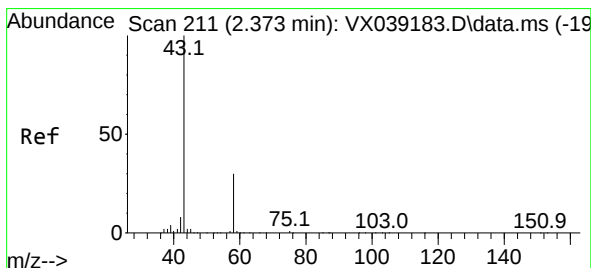
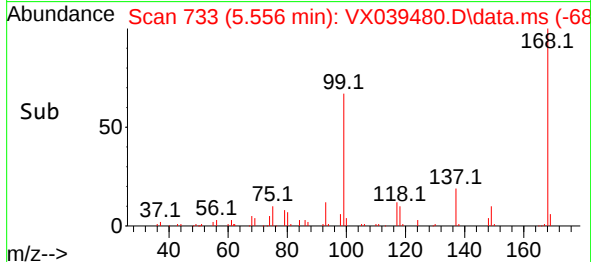
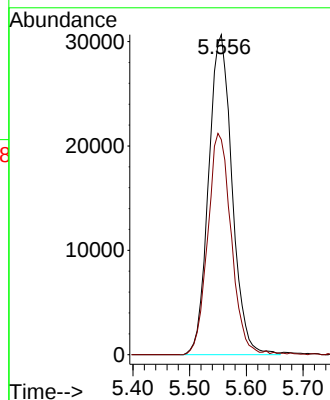
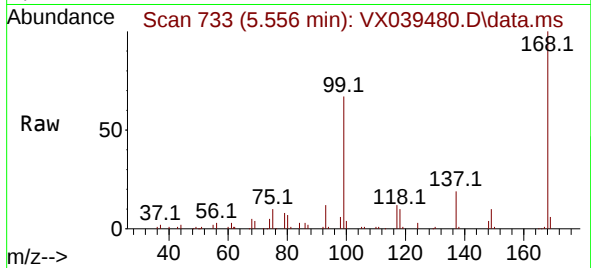




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

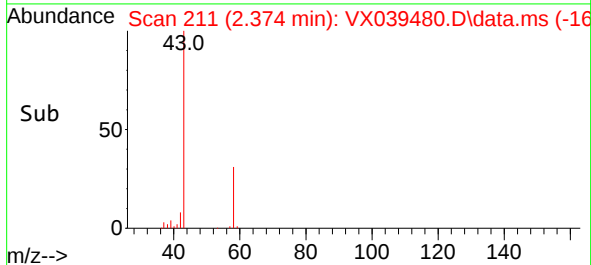
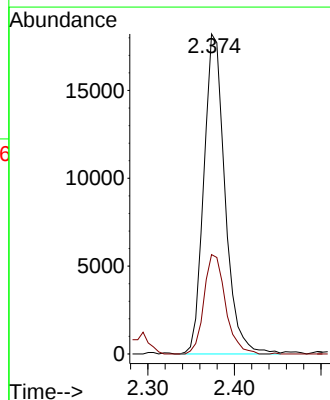
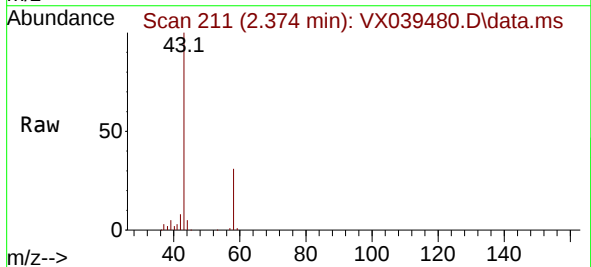
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#06

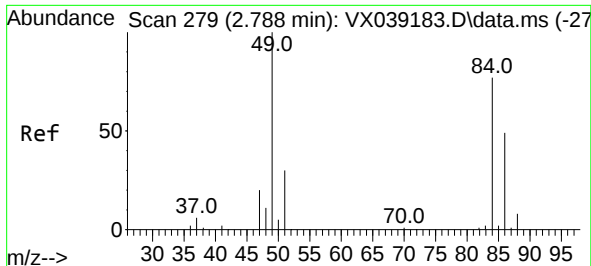
Tgt Ion:168 Resp: 88110
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#16
Acetone
Concen: 10.683 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

Tgt Ion: 43 Resp: 30986
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

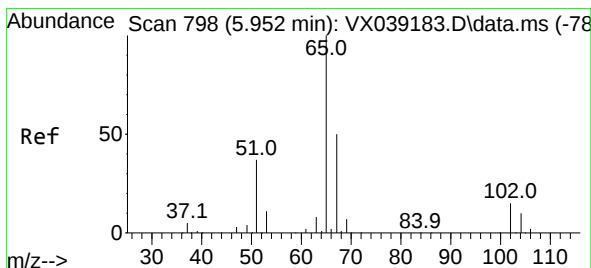
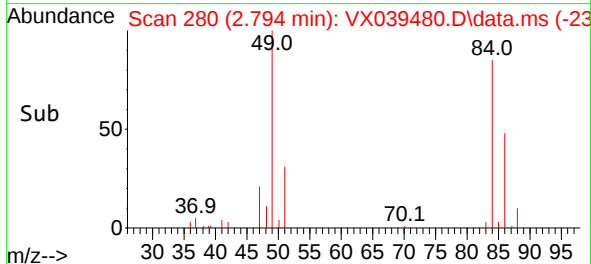
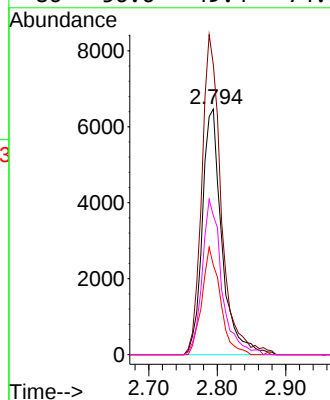
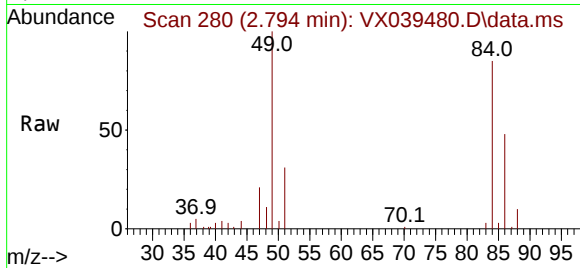




#20
Methylene Chloride
Concen: 9.571 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

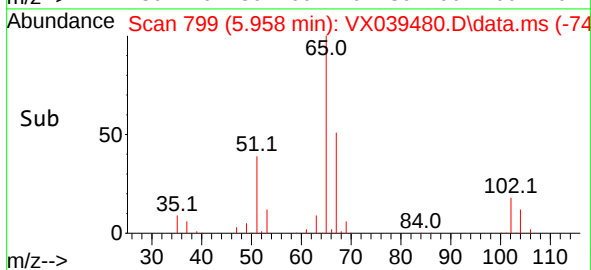
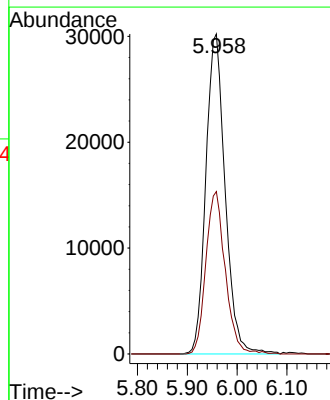
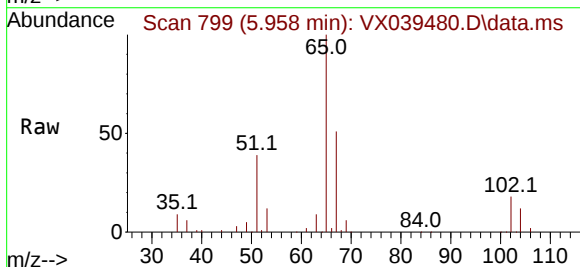
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#06

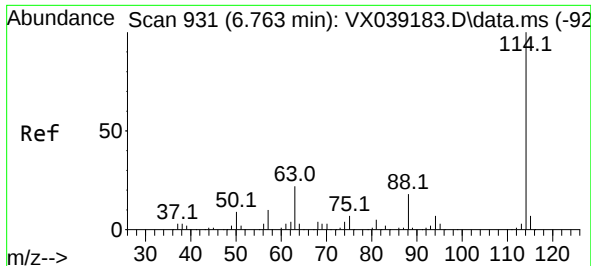
Tgt Ion: 84	Resp: 12878		
Ion	Ratio	Lower	Upper
84	100		
49	118.1	103.6	155.4
51	36.4	33.8	50.6
86	56.6	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

Tgt Ion: 65	Resp: 81109
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 100.2

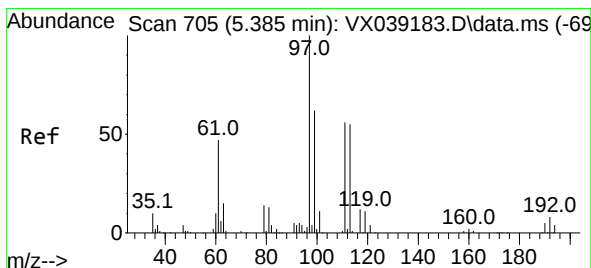
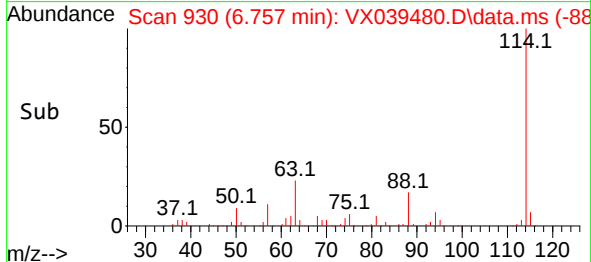
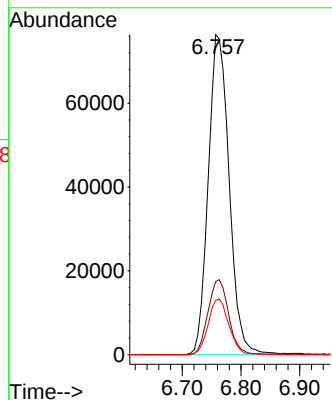
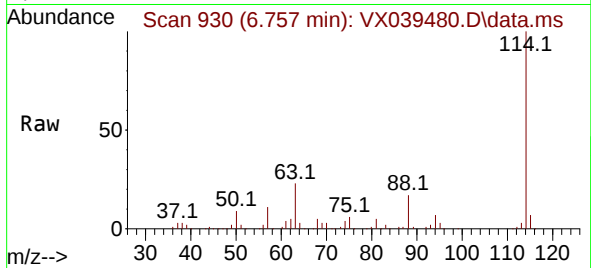




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

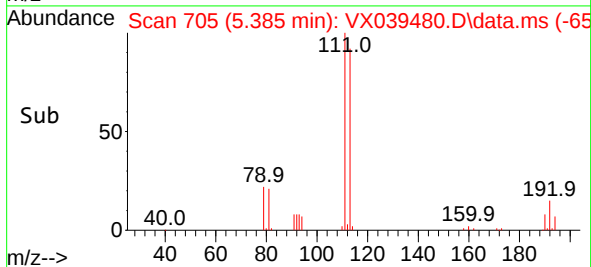
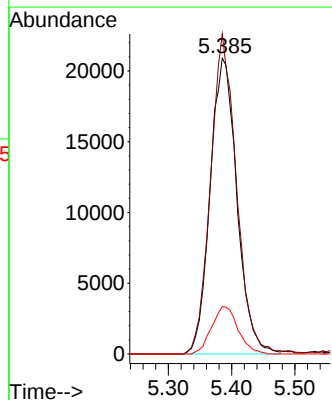
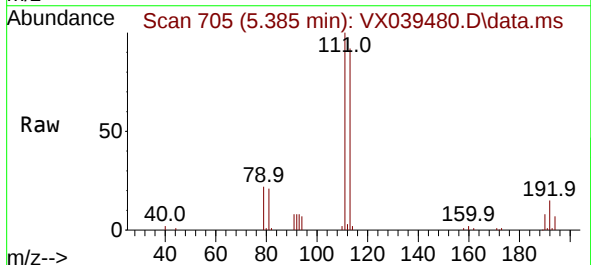
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#06

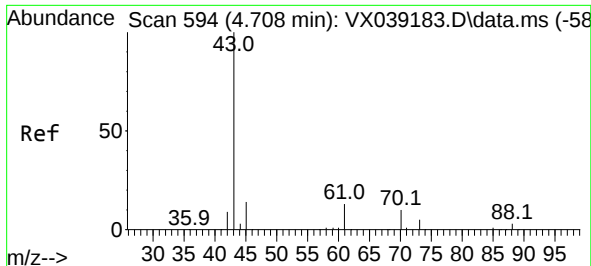
Tgt Ion:114 Resp: 188799
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

Tgt Ion:113 Resp: 61428
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.8 13.3 19.9





#37

Ethyl Acetate

Concen: 1.314 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.019 min

Lab File: VX039480.D

Acq: 26 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#06

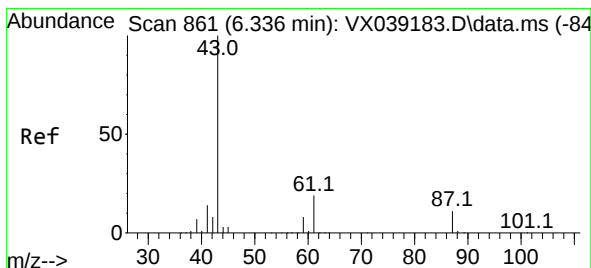
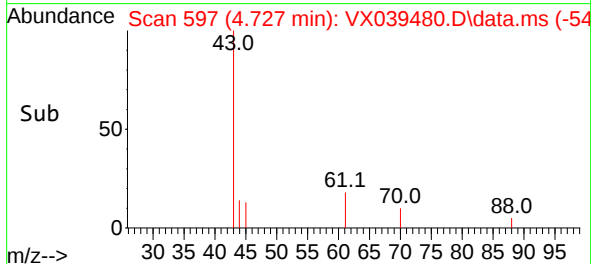
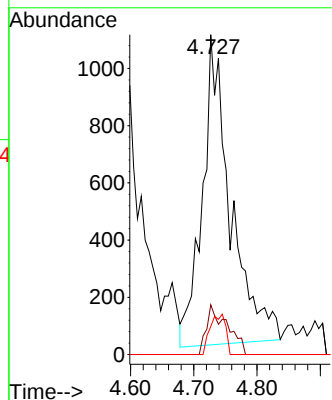
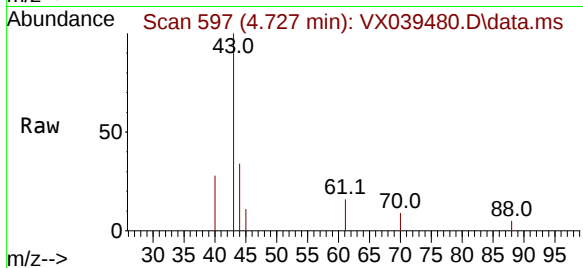
Tgt Ion: 43 Resp: 3341

Ion Ratio Lower Upper

43 100

61 11.9 10.6 16.0

70 7.2 8.3 12.5#



#43

Isopropyl Acetate

Concen: 29.244 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039480.D

Acq: 26 Dec 2023 20:00

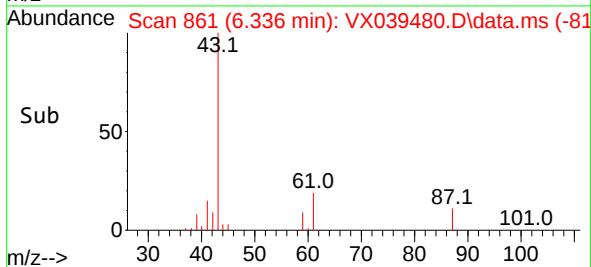
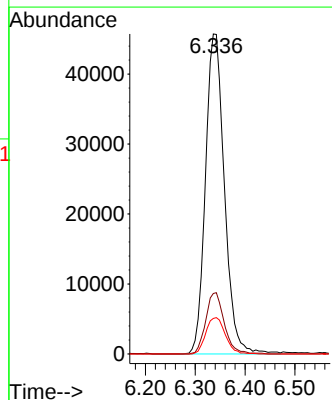
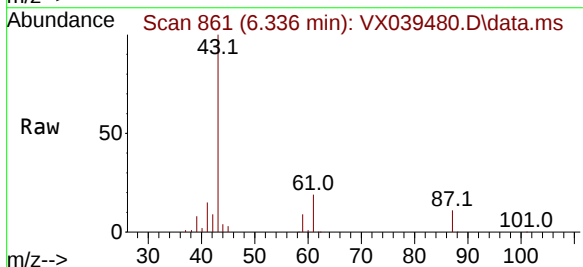
Tgt Ion: 43 Resp: 120928

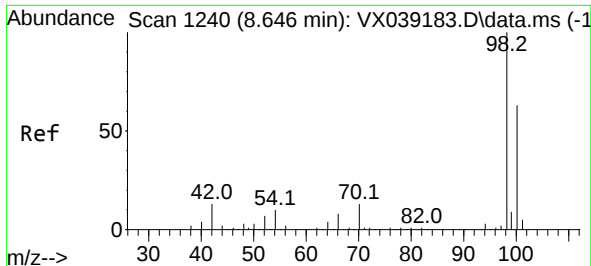
Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 11.6 9.8 14.6

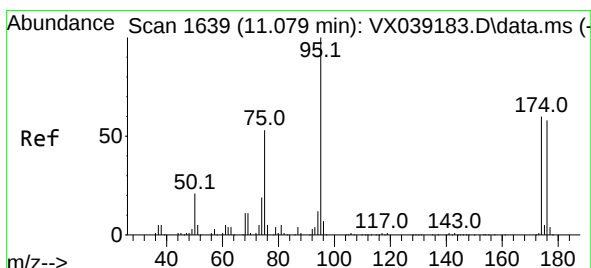
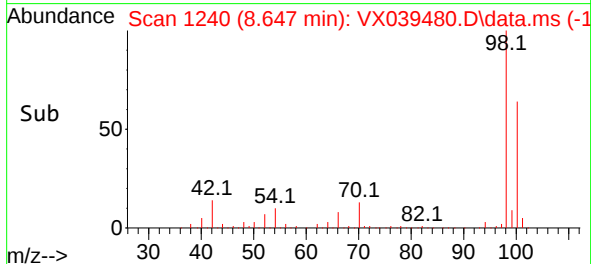
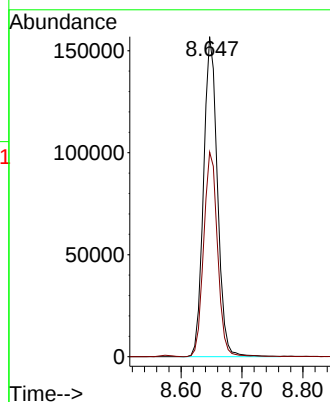
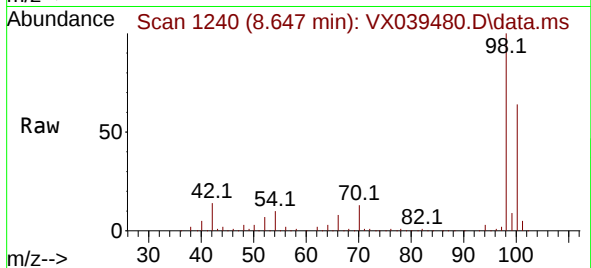




#50
Toluene-d8
Concen: 51.283 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

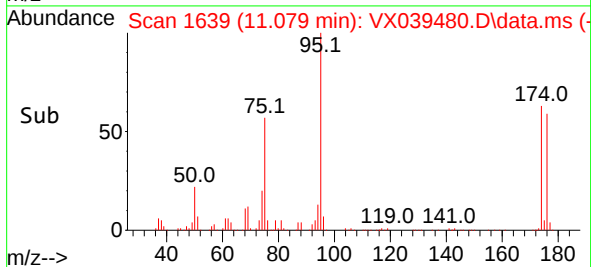
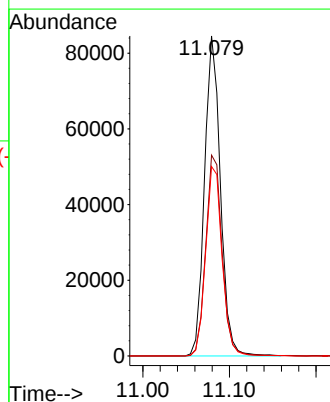
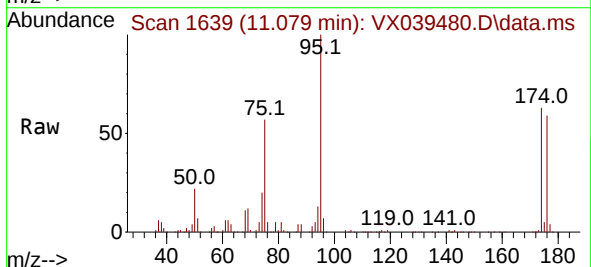
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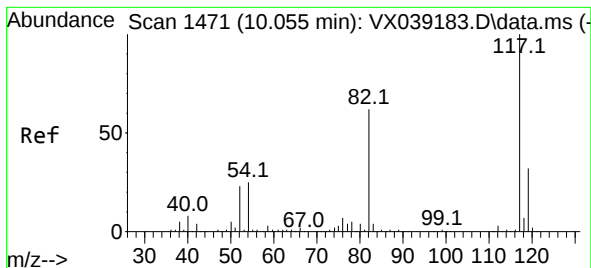
Tgt Ion: 98 Resp: 248328
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039480.D
Acq: 26 Dec 2023 20:00

Tgt Ion: 95 Resp: 107840
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.6
176 61.3 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: VX039480.D

Acq: 26 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#06

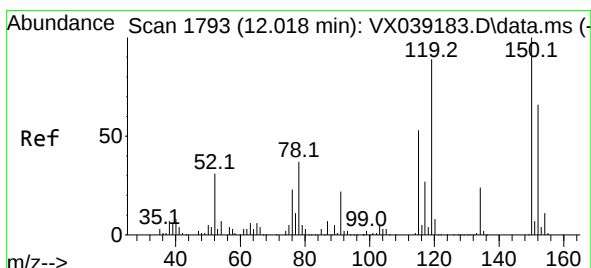
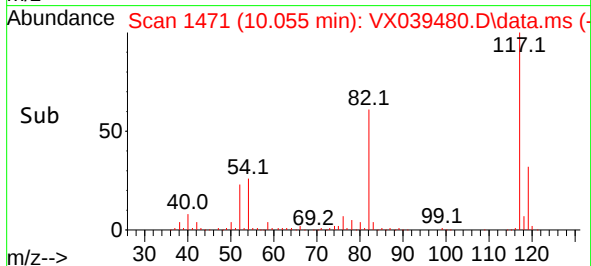
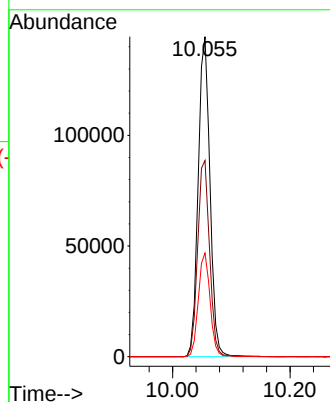
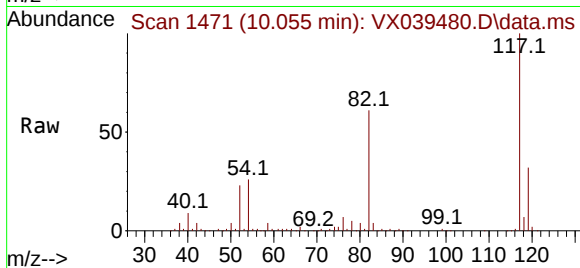
Tgt Ion:117 Resp: 201463

Ion Ratio Lower Upper

117 100

82 61.3 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039480.D

Acq: 26 Dec 2023 20:00

Tgt Ion:152 Resp: 96467

Ion Ratio Lower Upper

152 100

115 67.3 43.3 129.9

150 158.4 0.0 345.0

