

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040255.D
 Acq On : 15 Feb 2024 16:22
 Operator : JC/MD
 Sample : PB159010ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159010ZHE#02

Quant Time: Feb 16 00:51:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

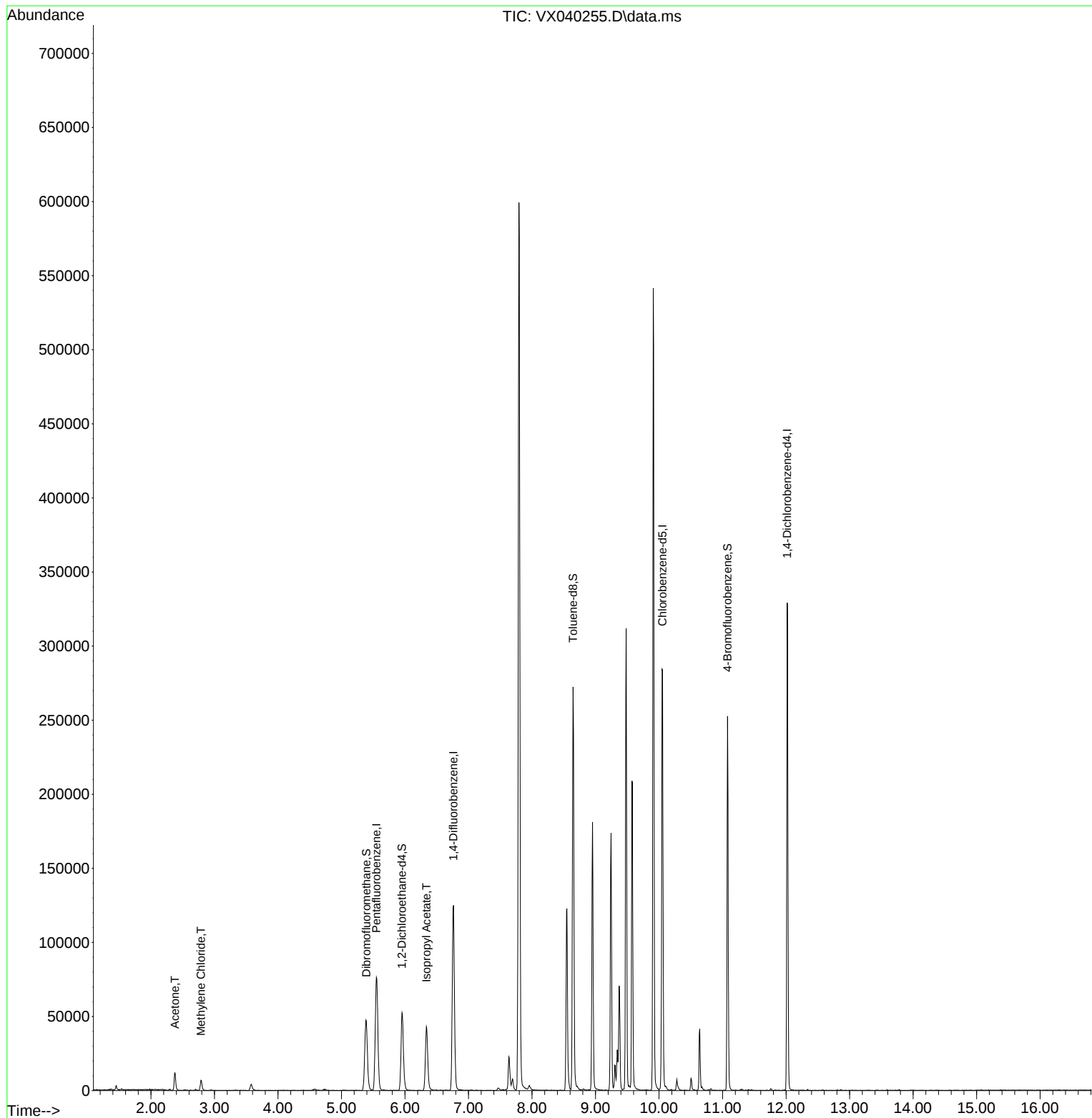
Internal Standards						
1) Pentafluorobenzene	5.550	168	74171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49728	45.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.140%
35) Dibromofluoromethane	5.391	113	41552	46.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.647	98	161764	48.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	63513	46.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	13251	29.239	ug/l	91
20) Methylene Chloride	2.788	84	3351	2.427	ug/l	88
43) Isopropyl Acetate	6.336	43	59293	27.097	ug/l	98

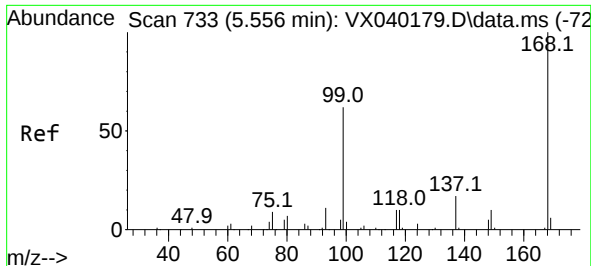
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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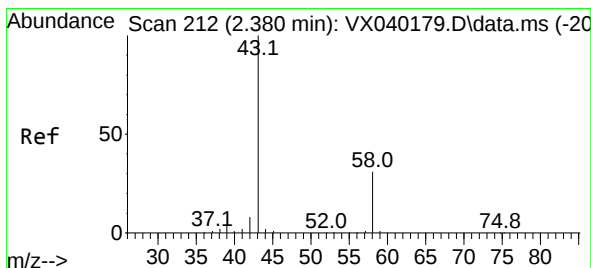
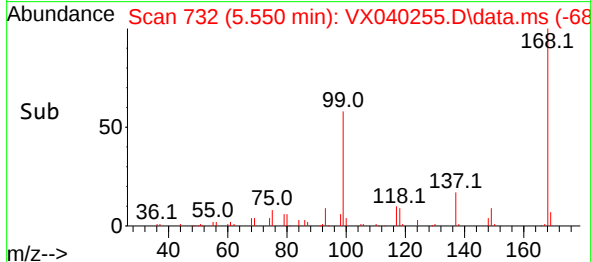
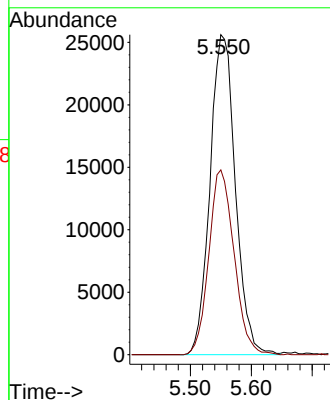
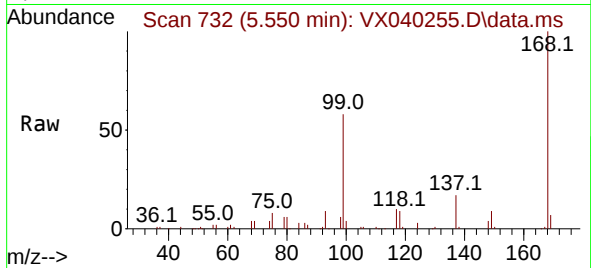




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

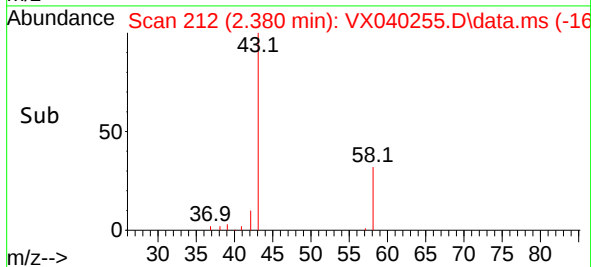
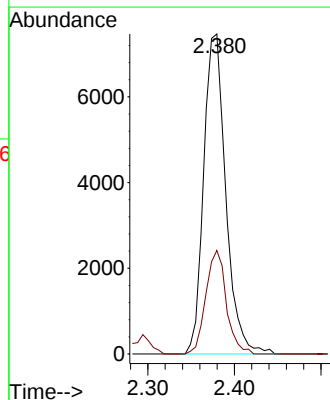
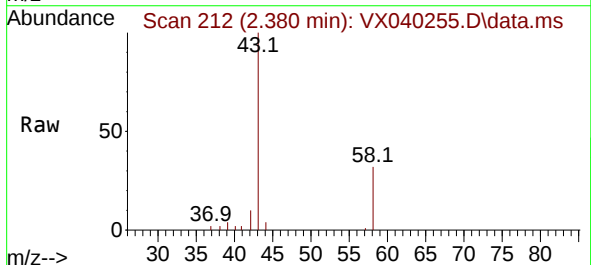
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#02

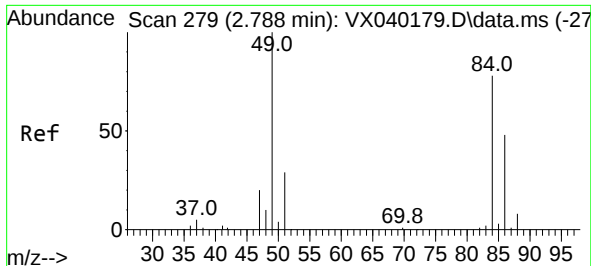
Tgt Ion:168 Resp: 74171
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 29.239 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

Tgt Ion: 43 Resp: 13251
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

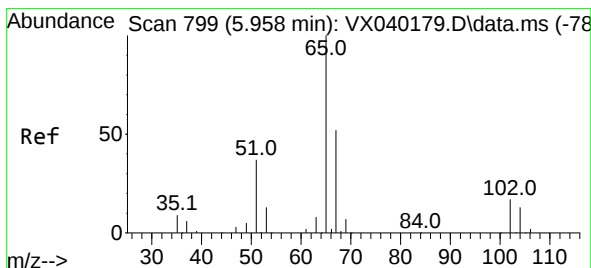
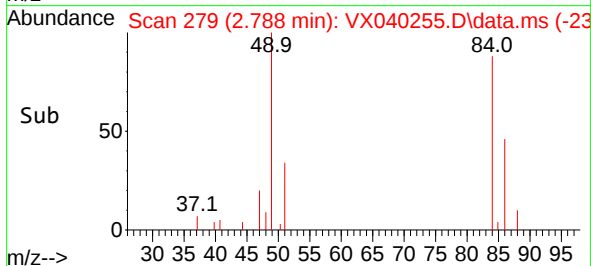
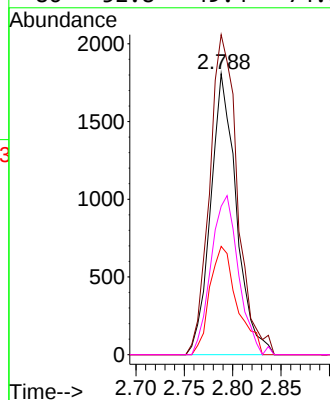
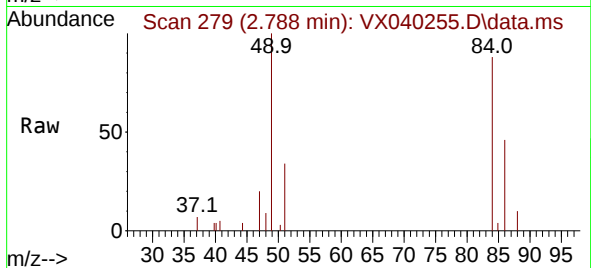




#20
Methylene Chloride
Concen: 2.427 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

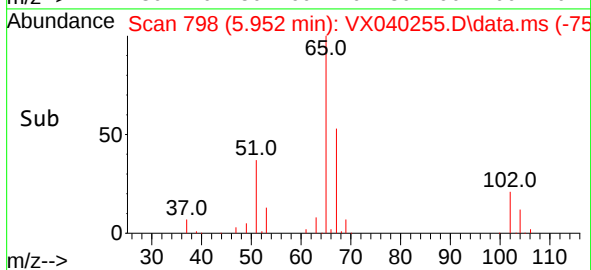
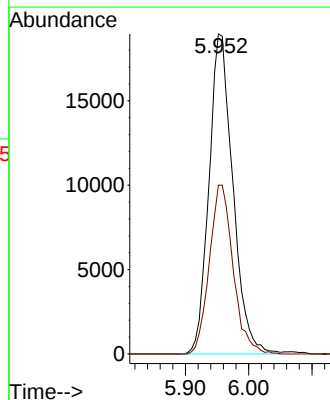
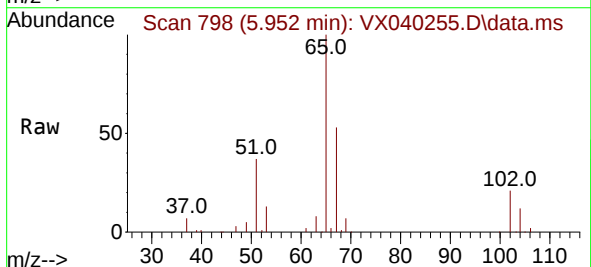
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#02

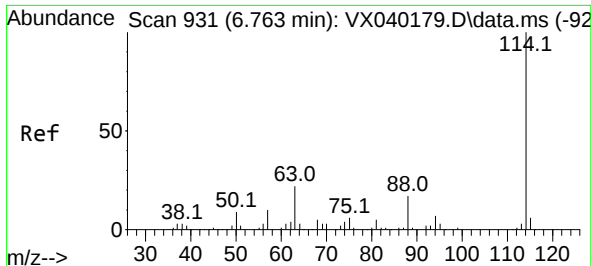
Tgt Ion: 84	Resp:	3351	
Ion	Ratio	Lower	Upper
84	100		
49	113.9	103.6	155.4
51	38.6	33.8	50.6
86	52.8	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 45.066 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

Tgt Ion: 65	Resp:	49728	
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	100.2

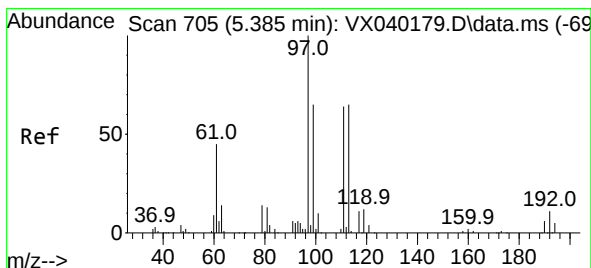
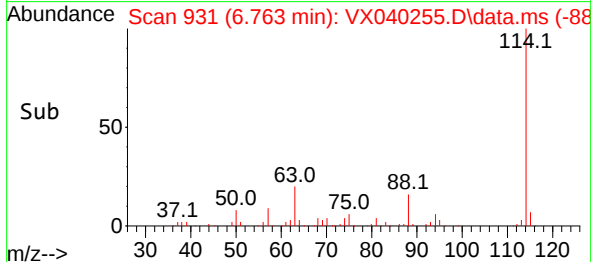
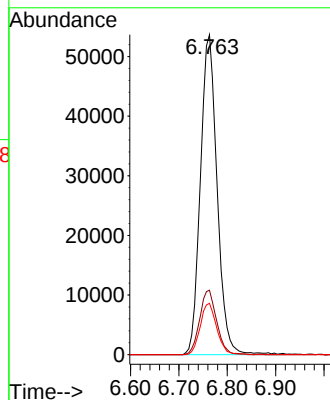
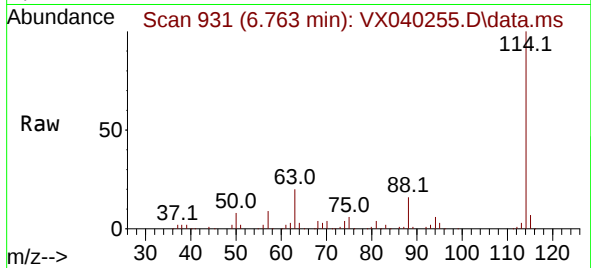




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

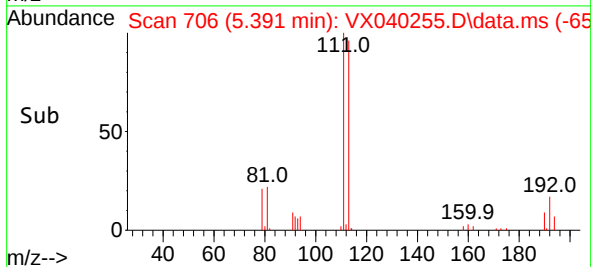
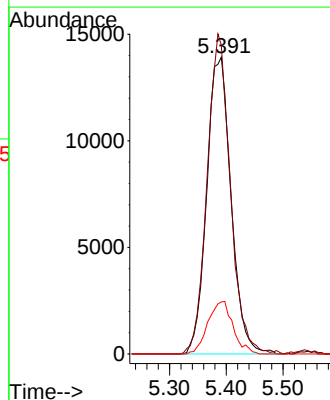
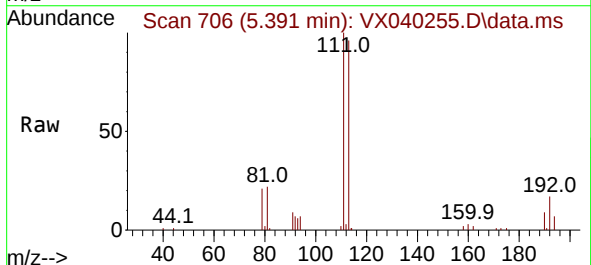
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#02

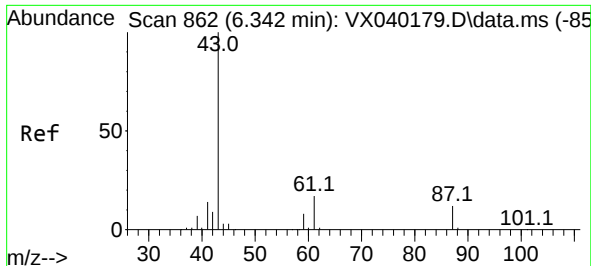
Tgt Ion:114 Resp: 128774
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.205 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

Tgt Ion:113 Resp: 41552
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.3 13.3 19.9

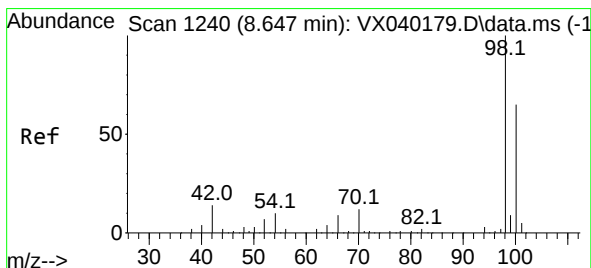
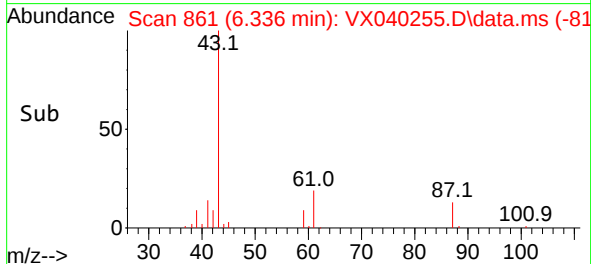
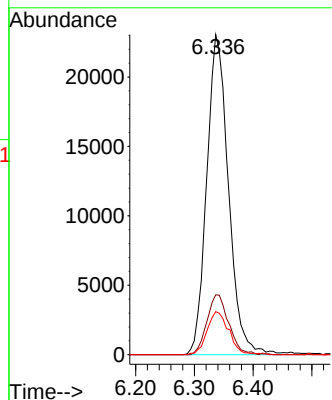
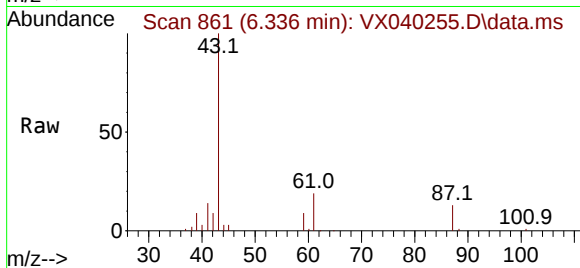




#43
Isopropyl Acetate
Concen: 27.097 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

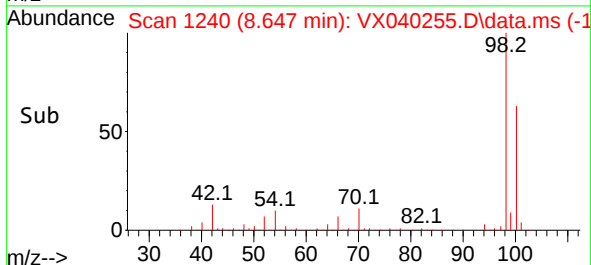
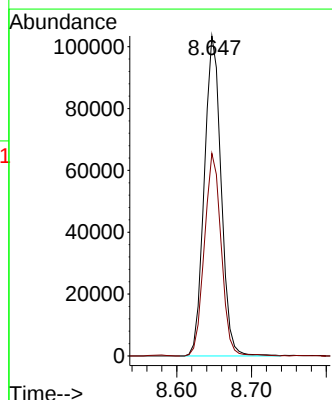
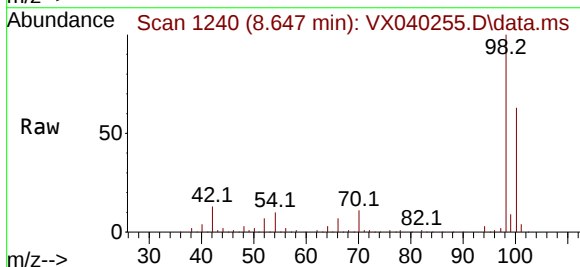
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#02

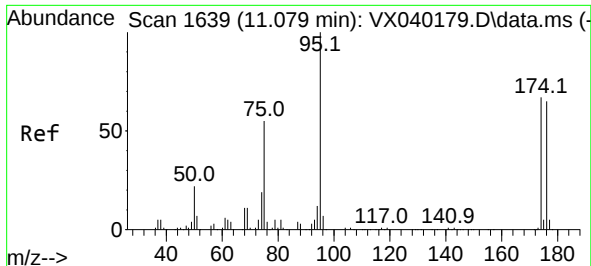
Tgt Ion: 43 Resp: 59293
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 13.5 9.8 14.6



#50
Toluene-d8
Concen: 48.087 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

Tgt Ion: 98 Resp: 161764
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

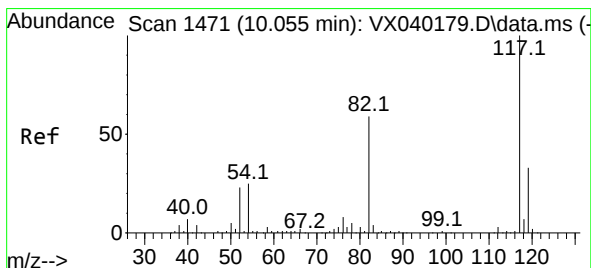
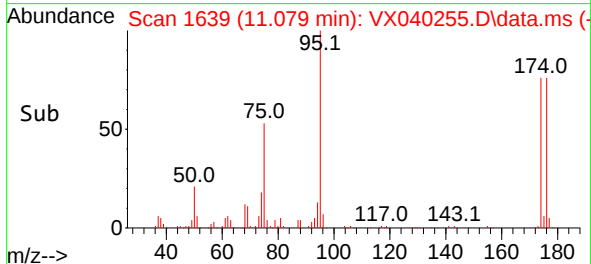
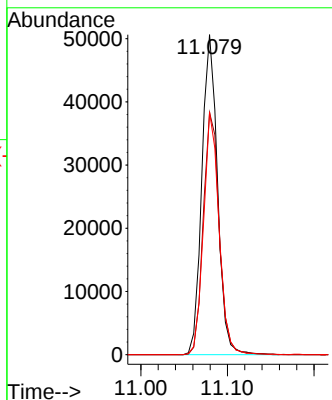
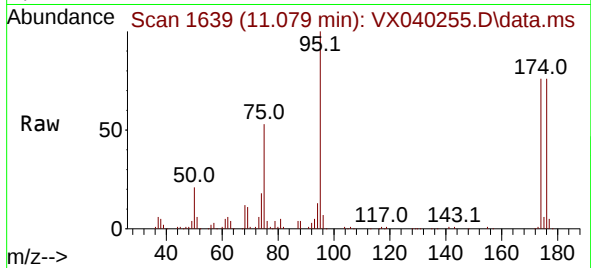




#62
4-Bromofluorobenzene
Concen: 46.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

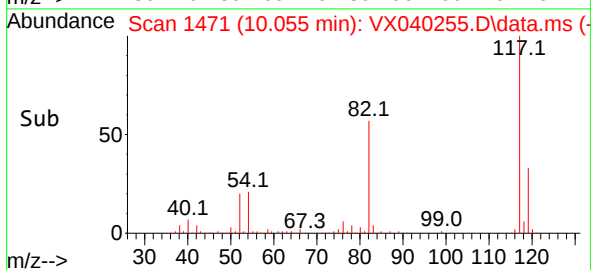
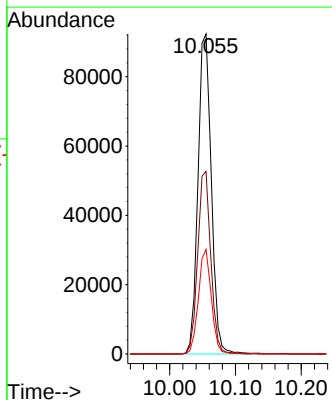
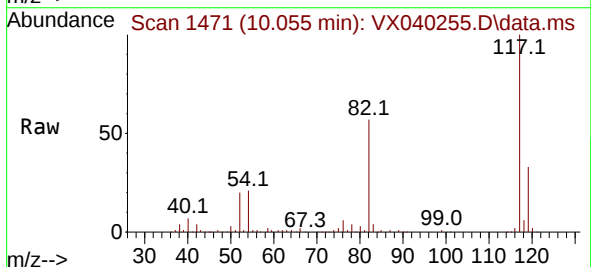
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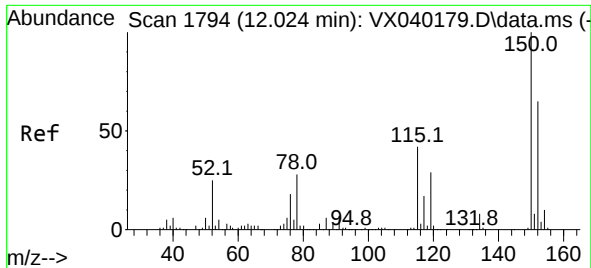
Tgt Ion: 95 Resp: 63513
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040255.D
Acq: 15 Feb 2024 16:22

Tgt Ion: 117 Resp: 130249
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040255.D

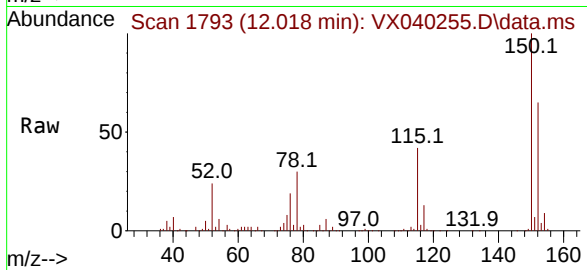
Acq: 15 Feb 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

PB159010ZHE#02



Tgt Ion:152 Resp: 65511

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.5 0.0 345.0

