

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042305.D
 Acq On : 12 Jul 2024 16:12
 Operator : JC/MD
 Sample : PB162021ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#02

Quant Time: Jul 15 04:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

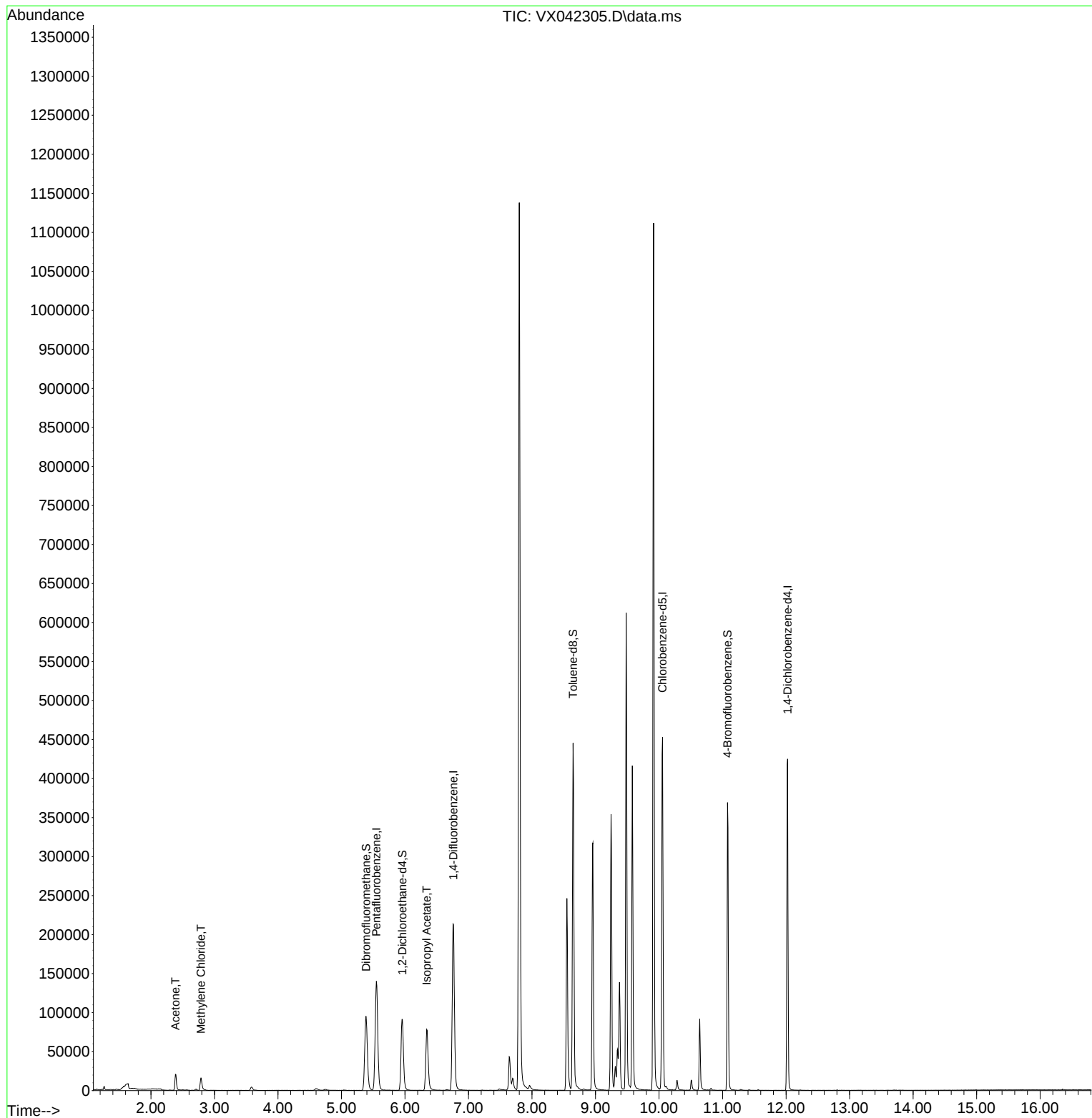
Internal Standards						
1) Pentafluorobenzene	5.550	168	156749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	245589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88453	48.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	84999	48.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.647	98	274498	44.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.680%#
62) 4-Bromofluorobenzene	11.079	95	97808	43.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.680%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	24132	30.405	ug/l	# 89
20) Methylene Chloride	2.788	84	9313	5.359	ug/l	# 89
43) Isopropyl Acetate	6.342	43	108948	29.445	ug/l	# 93

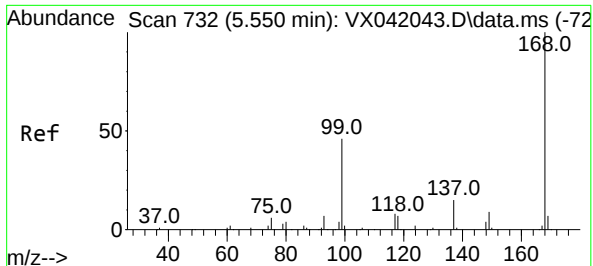
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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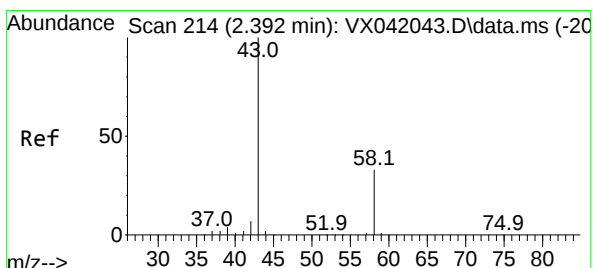
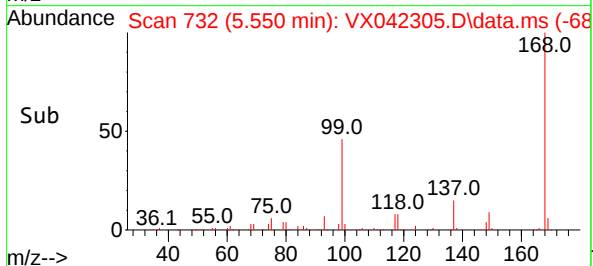
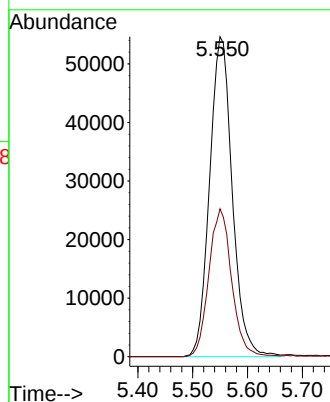
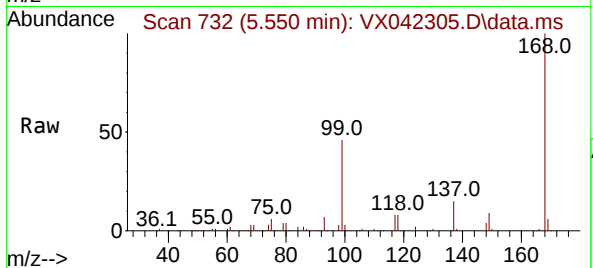




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

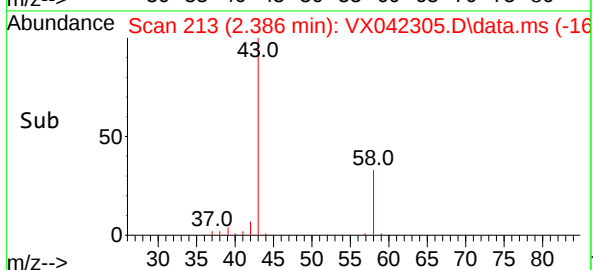
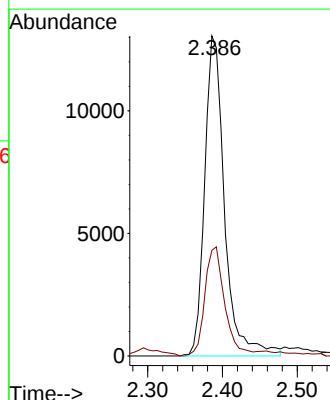
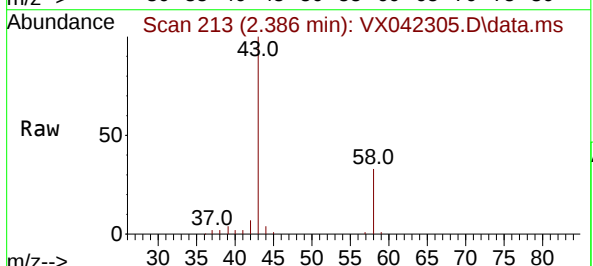
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#02

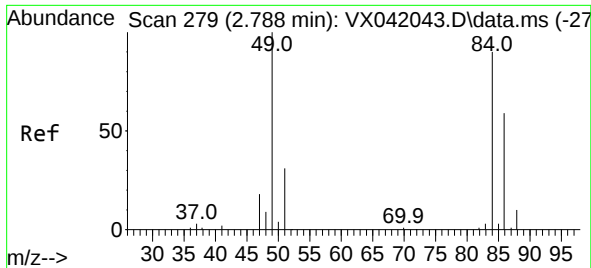
Tgt Ion:168 Resp: 156749
Ion Ratio Lower Upper
168 100
99 46.2 56.6 85.0#



#16
Acetone
Concen: 30.405 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 43 Resp: 24132
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#

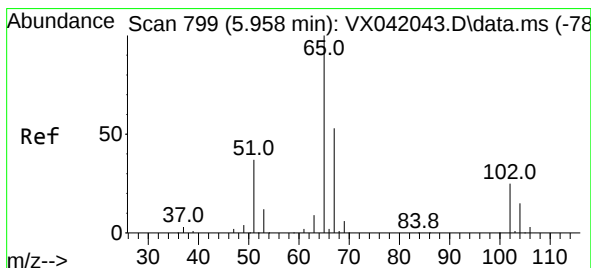
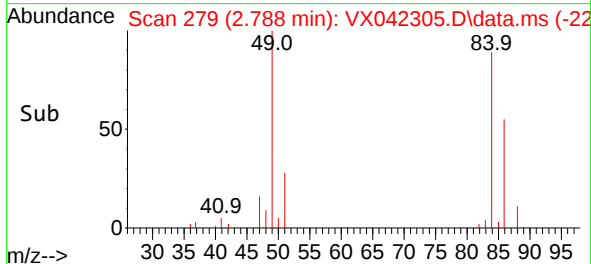
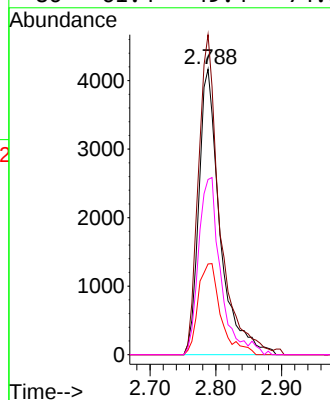
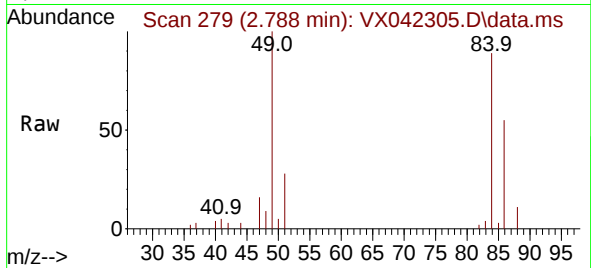




#20
Methylene Chloride
Concen: 5.359 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

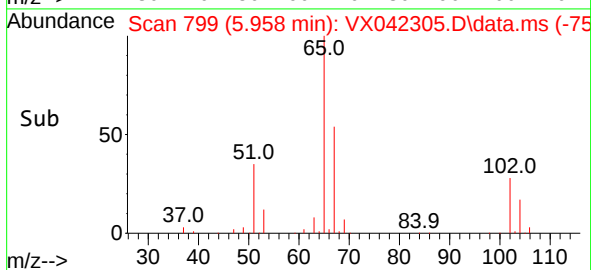
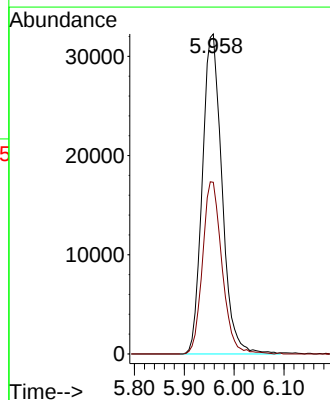
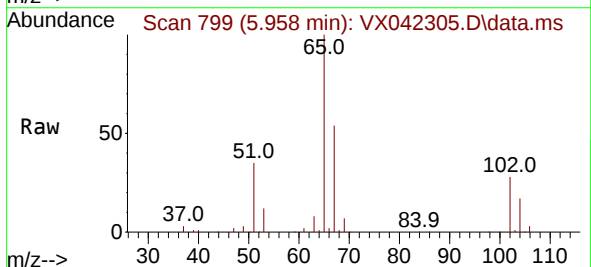
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#02

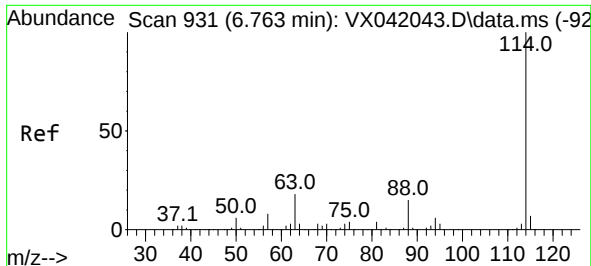
Tgt Ion:	84	Resp:	9313
Ion	Ratio	Lower	Upper
84	100		
49	112.1	103.6	155.4
51	31.8	33.8	50.6#
86	61.4	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 48.936 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

Tgt Ion:	65	Resp:	88453
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	100.2

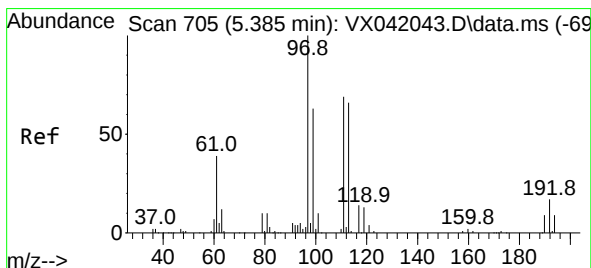
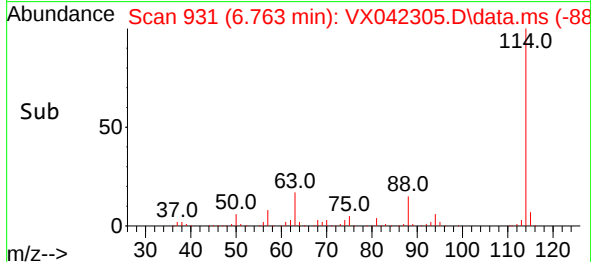
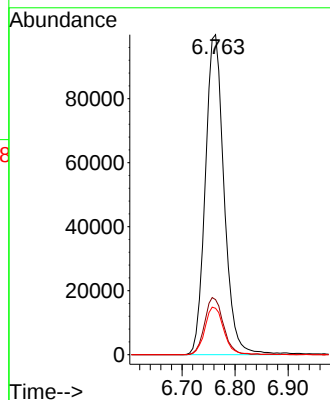
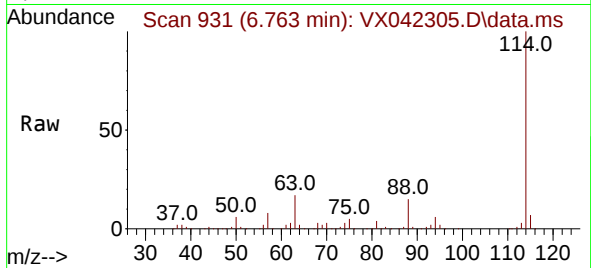




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

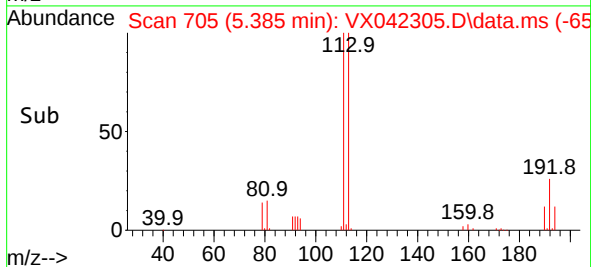
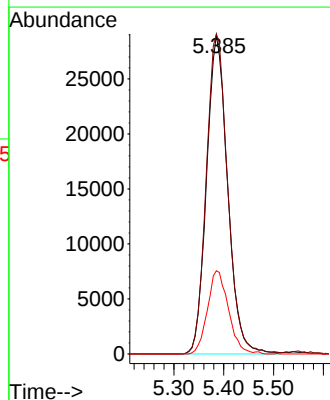
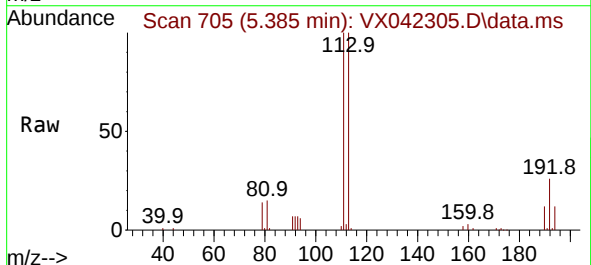
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#02

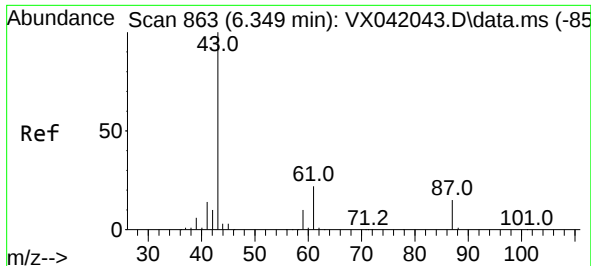
Tgt Ion:114 Resp: 245589
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.778 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

Tgt Ion:113 Resp: 84999
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 26.1 13.3 19.9#

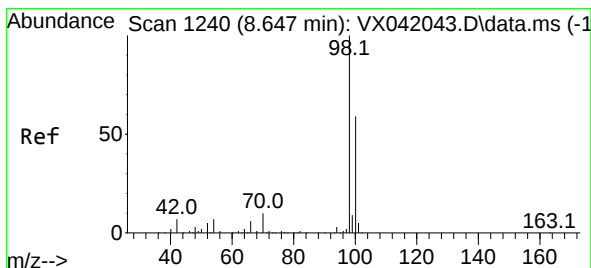
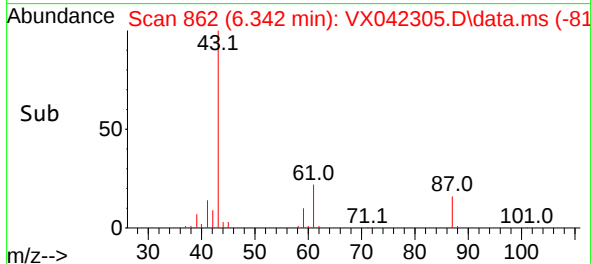
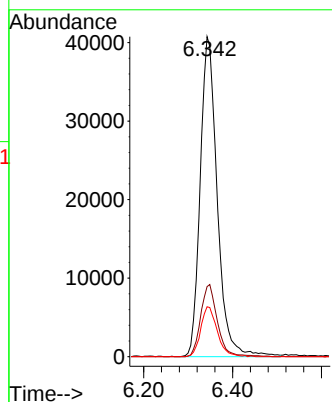
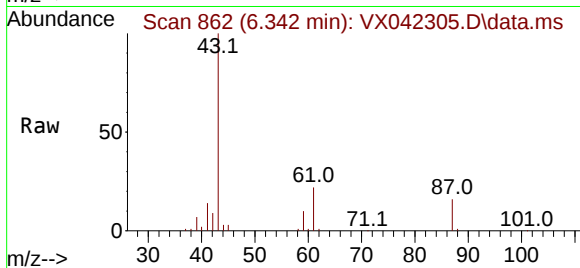




#43
Isopropyl Acetate
Concen: 29.445 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

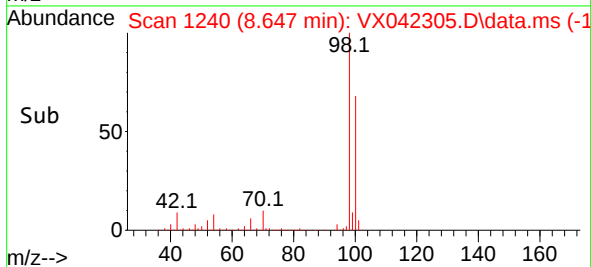
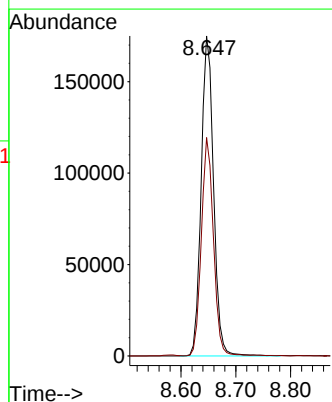
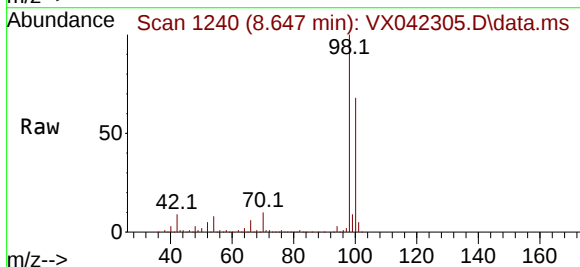
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#02

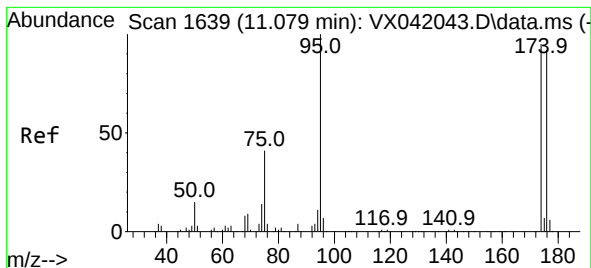
Tgt Ion: 43 Resp: 108948
Ion Ratio Lower Upper
43 100
61 22.1 15.2 22.8
87 15.1 9.8 14.6#



#50
Toluene-d8
Concen: 44.839 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 98 Resp: 274498
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

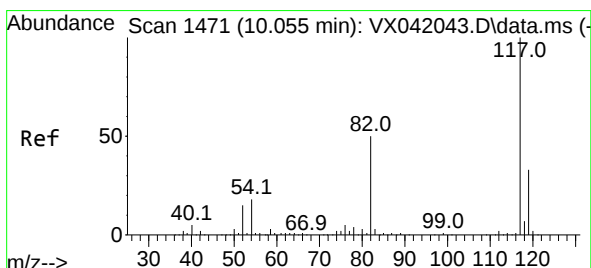
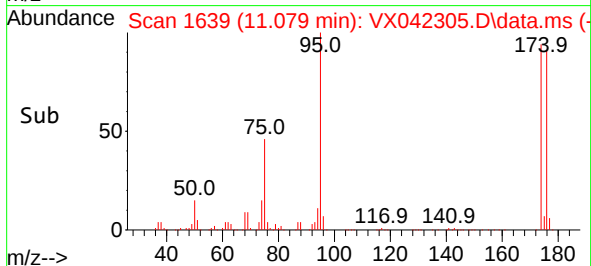
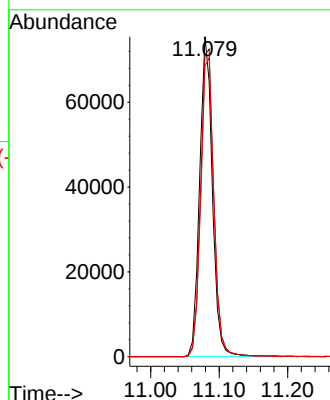
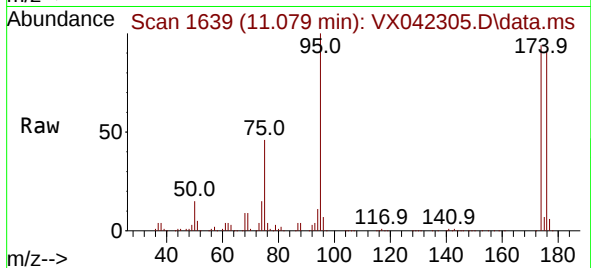




#62
4-Bromofluorobenzene
Concen: 43.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

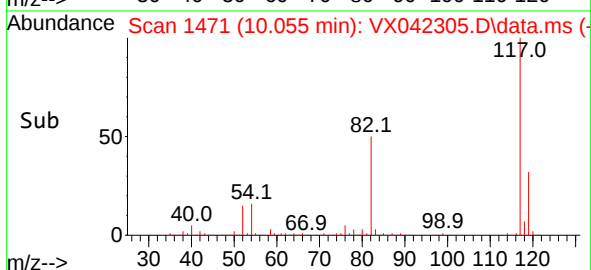
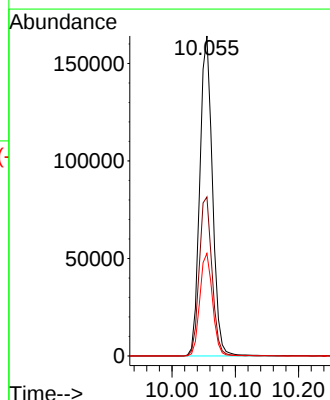
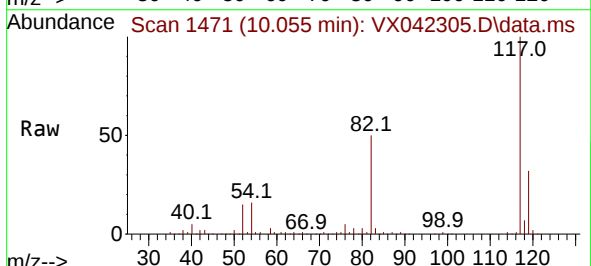
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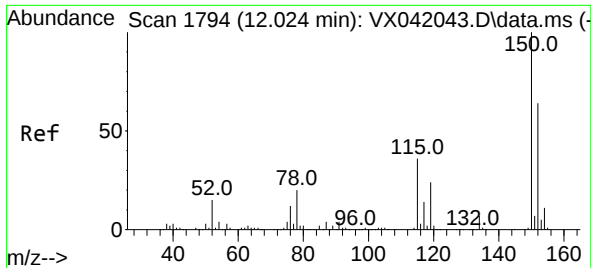
Tgt Ion: 95 Resp: 97808
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 96.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042305.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 117 Resp: 228838
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.1 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: VX042305.D

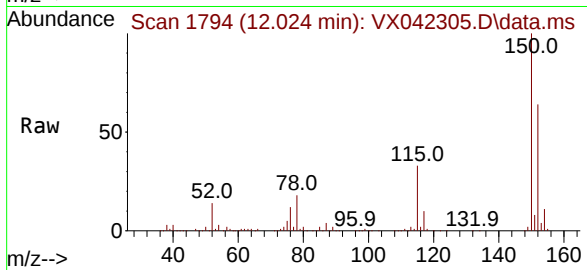
Acq: 12 Jul 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

PB162021ZHE#02



Tgt Ion:152 Resp: 104395

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 156.2 0.0 345.0

