

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042344.D
 Acq On : 16 Jul 2024 15:43
 Operator : JC/MD
 Sample : PB162077ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162077ZHE#01

Quant Time: Jul 17 05:38:37 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)

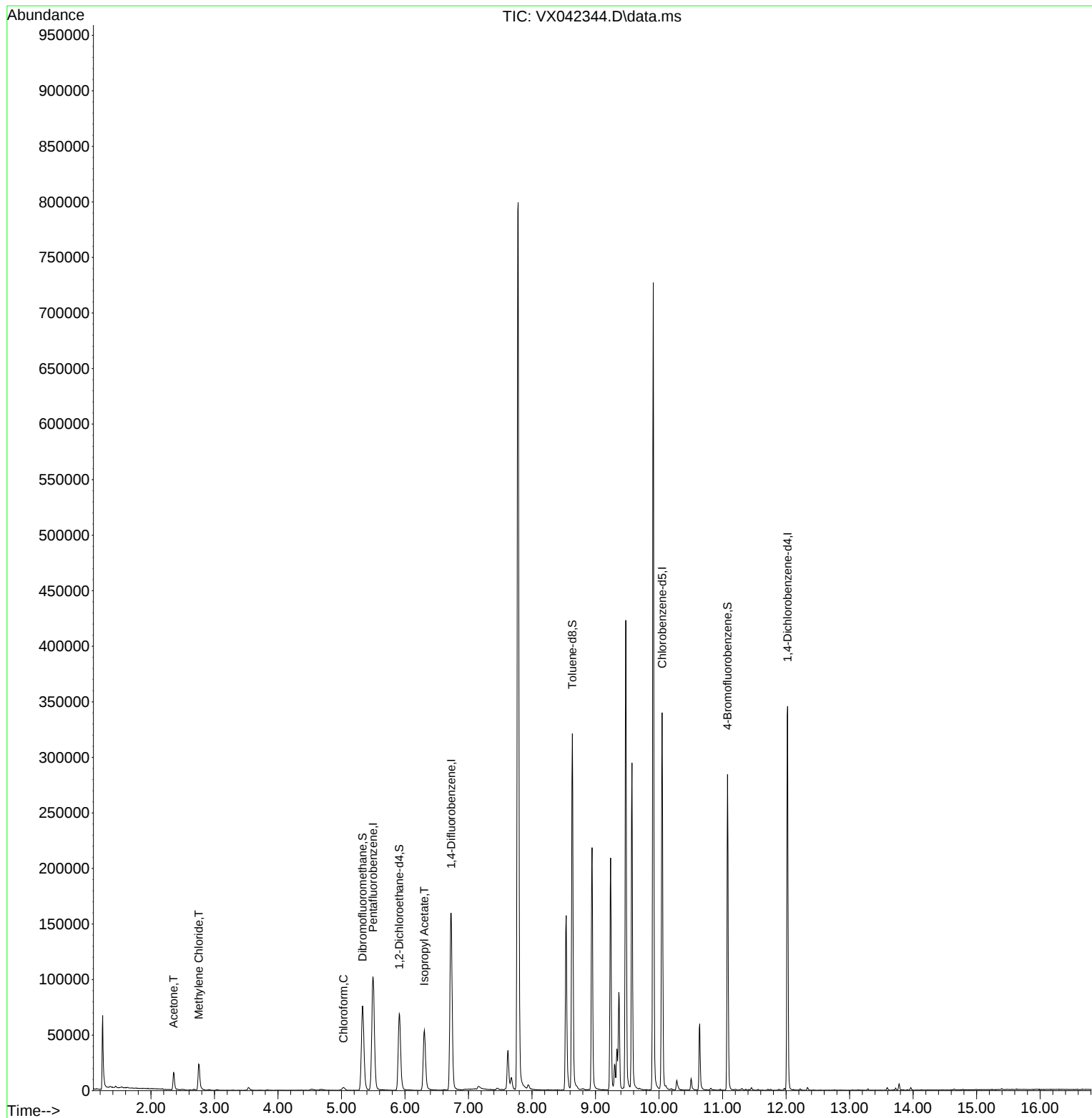
Internal Standards						
1) Pentafluorobenzene	5.495	168	117310	50.000	ug/l	#-0.06
34) 1,4-Difluorobenzene	6.726	114	184497	50.000	ug/l	-0.04
63) Chlorobenzene-d5	10.049	117	167757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.909	65	66891	49.449	ug/l	-0.05
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.330	113	66034	50.442	ug/l	-0.06
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	8.634	98	199742	43.432	ug/l	-0.01
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.860%#
62) 4-Bromofluorobenzene	11.079	95	72242	42.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.220%
Target Compounds						
					Qvalue	
16) Acetone	2.355	43	17696	29.792	ug/l #	87
20) Methylene Chloride	2.751	84	13401	10.303	ug/l #	86
30) Chloroform	5.031	83	3422	1.729	ug/l	94
43) Isopropyl Acetate	6.306	43	74488	26.798	ug/l #	93

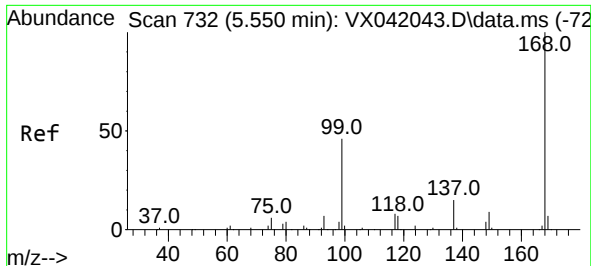
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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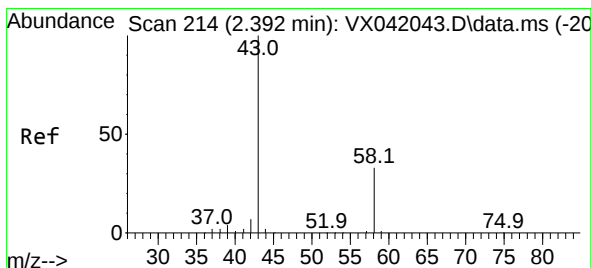
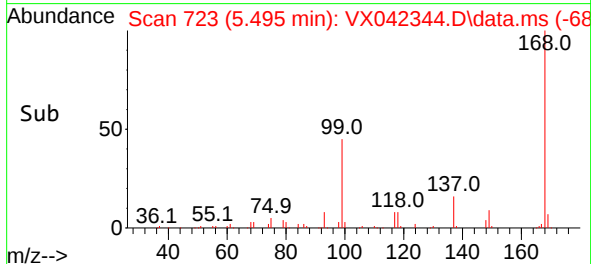
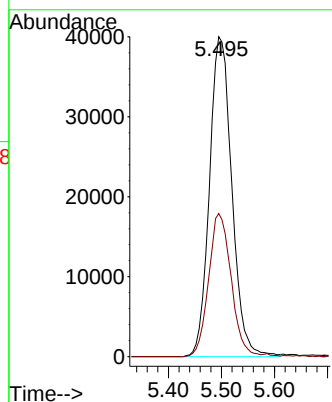
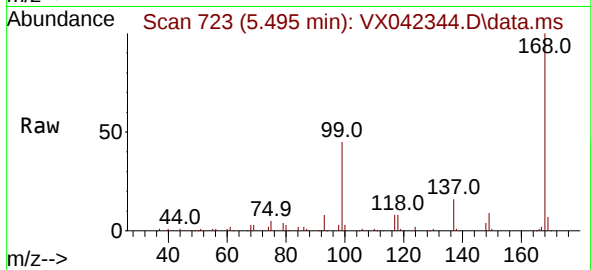




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.495 min Scan# 71
Delta R.T. -0.055 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

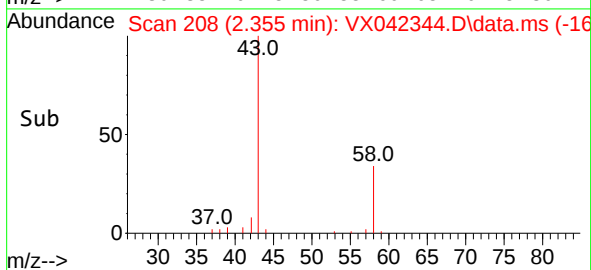
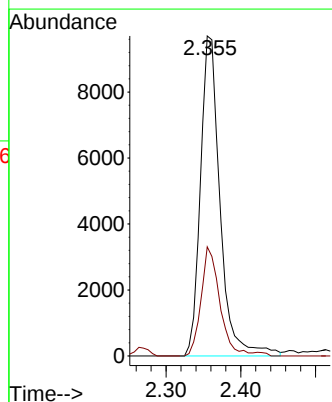
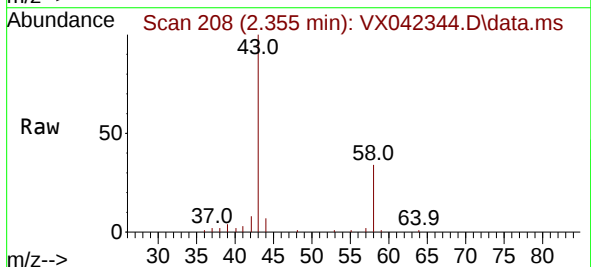
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#01

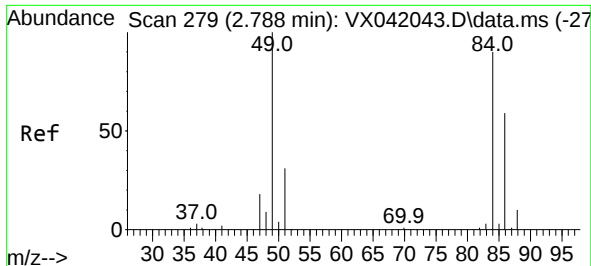
Tgt Ion:168 Resp: 117310
Ion Ratio Lower Upper
168 100
99 44.8 56.6 85.0#



#16
Acetone
Concen: 29.792 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 43 Resp: 17696
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#

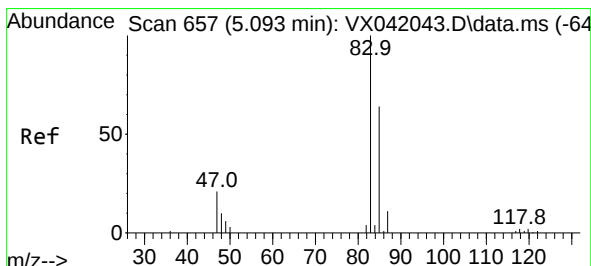
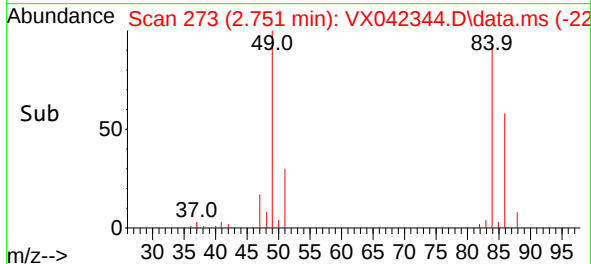
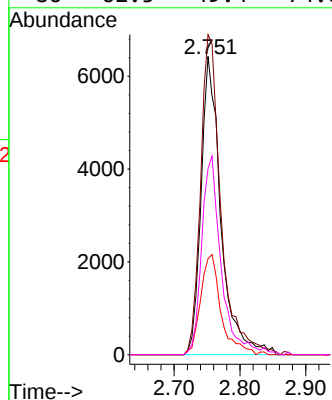
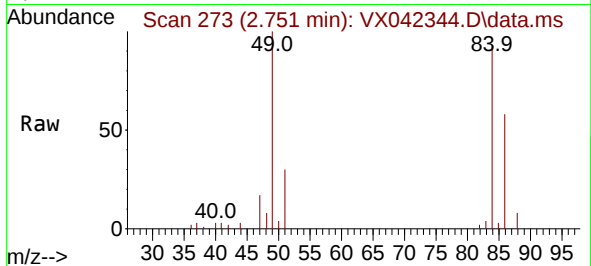




#20
Methylene Chloride
Concen: 10.303 ug/l
RT: 2.751 min Scan# 21
Delta R.T. -0.030 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

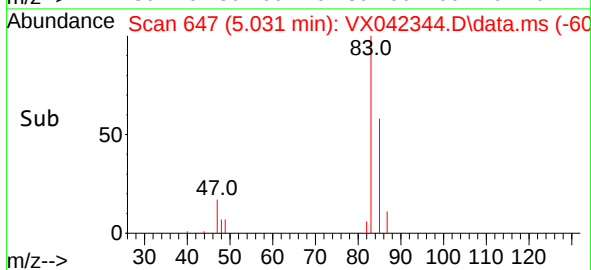
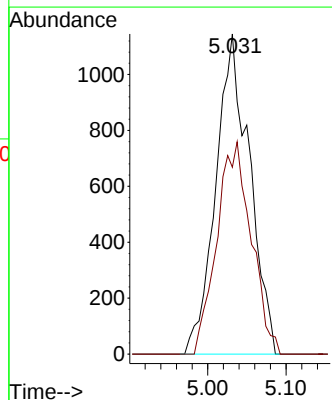
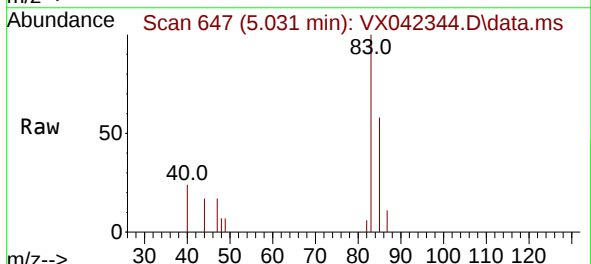
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#01

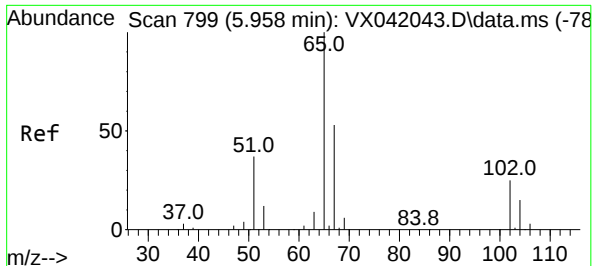
Tgt Ion: 84	Resp: 13401
Ion Ratio	Lower Upper
84 100	
49 107.3	103.6 155.4
51 32.2	33.8 50.6#
86 62.5	49.4 74.0



#30
Chloroform
Concen: 1.729 ug/l
RT: 5.031 min Scan# 647
Delta R.T. -0.067 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 83	Resp: 3422		
Ion Ratio	Lower	Upper	
83 100			
85 58.3	50.3	75.5	





#33

1,2-Dichloroethane-d4

Concen: 49.449 ug/l

RT: 5.909 min Scan# 799

Delta R.T. -0.049 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

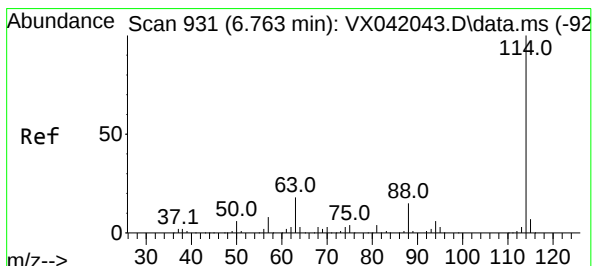
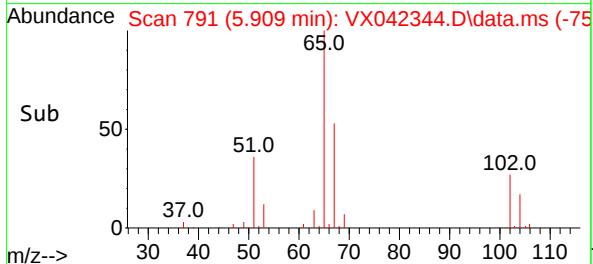
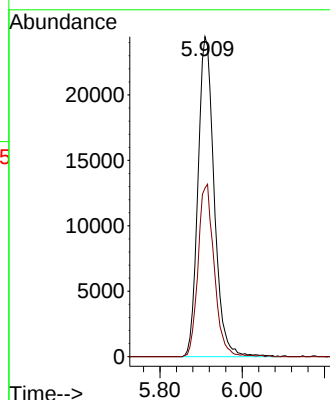
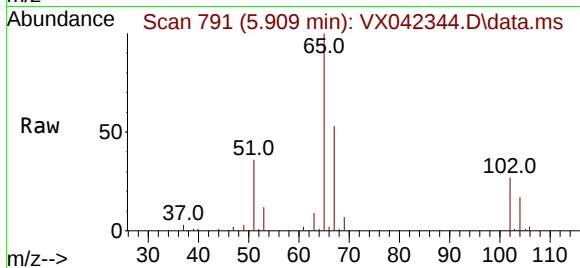
PB162077ZHE#01

Tgt Ion: 65 Resp: 66891

Ion Ratio Lower Upper

65 100

67 53.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.726 min Scan# 925

Delta R.T. -0.037 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

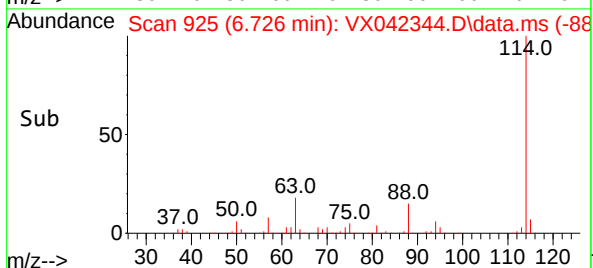
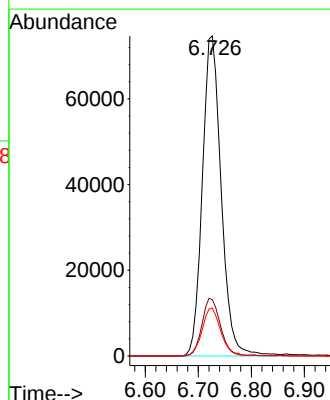
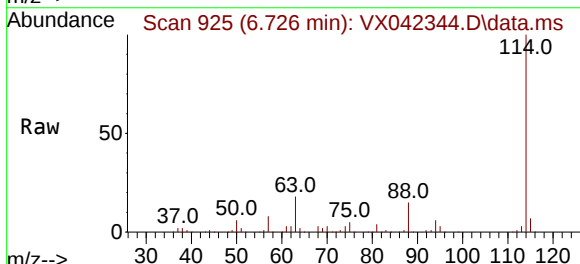
Tgt Ion: 114 Resp: 184497

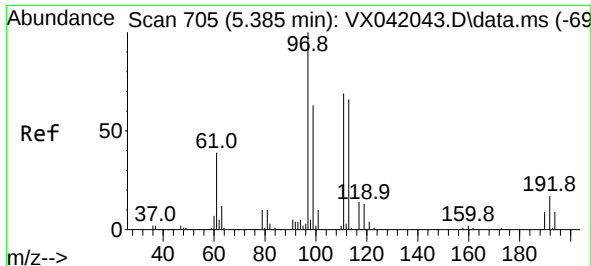
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.0 0.0 36.6

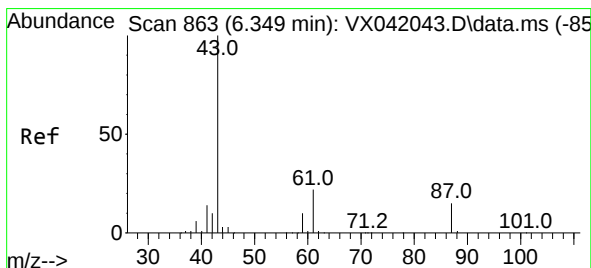
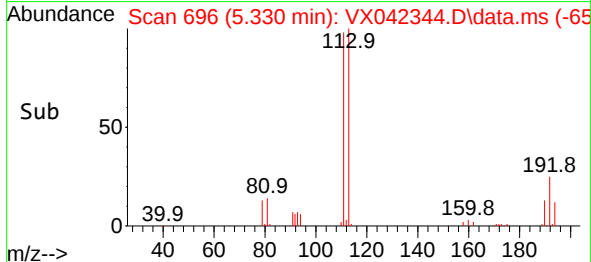
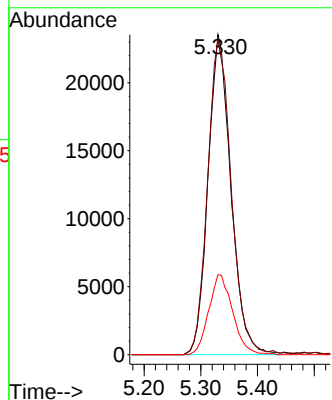
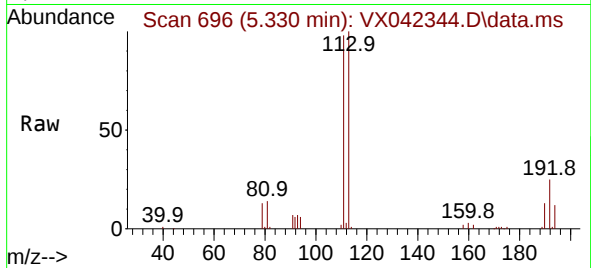




#35
Dibromofluoromethane
Concen: 50.442 ug/l
RT: 5.330 min Scan# 61
Delta R.T. -0.061 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

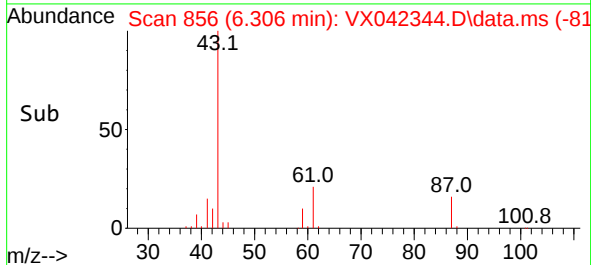
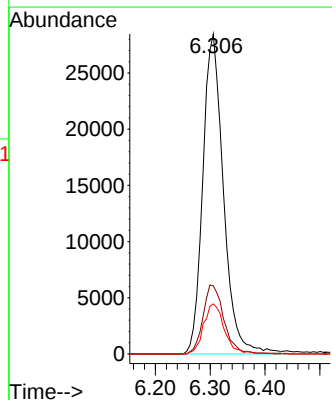
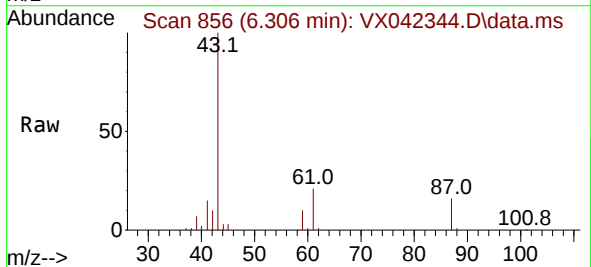
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#01

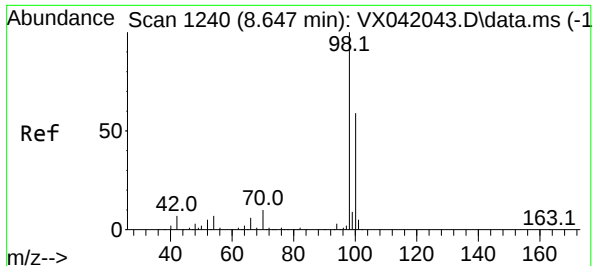
Tgt Ion:113 Resp: 66034
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 26.2 13.3 19.9#



#43
Isopropyl Acetate
Concen: 26.798 ug/l
RT: 6.306 min Scan# 856
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 43 Resp: 74488
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 15.8 9.8 14.6#





#50

Toluene-d8

Concen: 43.432 ug/l

RT: 8.634 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

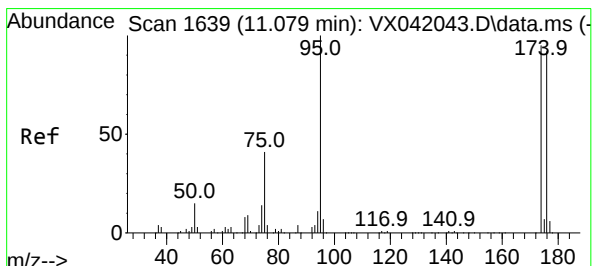
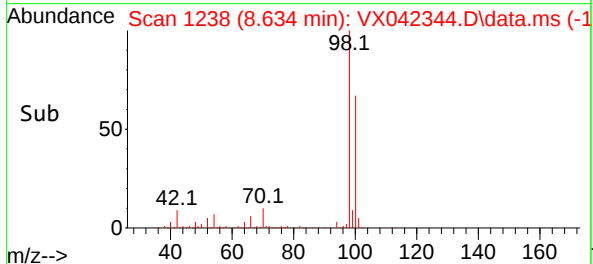
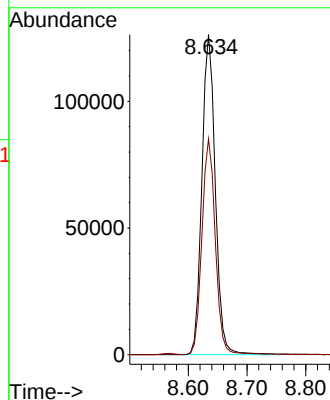
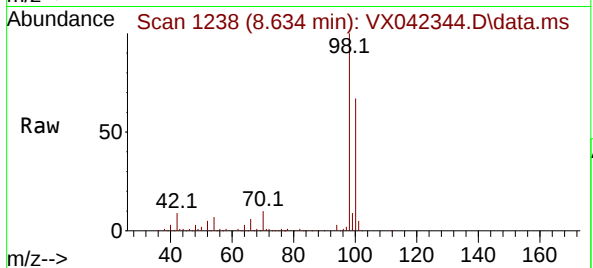
PB162077ZHE#01

Tgt Ion: 98 Resp: 199742

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

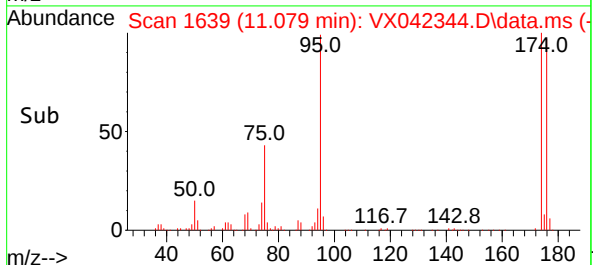
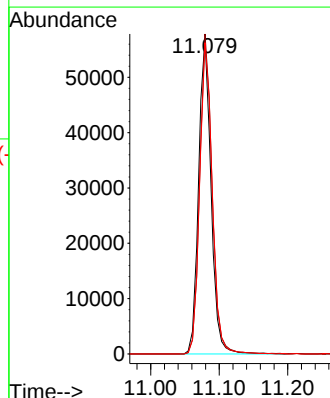
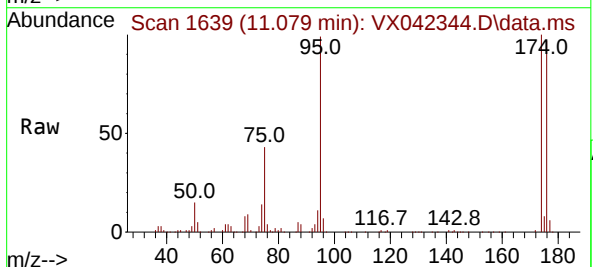
Tgt Ion: 95 Resp: 72242

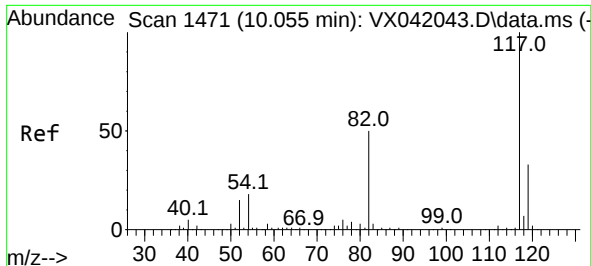
Ion Ratio Lower Upper

95 100

174 100.7 0.0 135.6

176 99.7 0.0 131.0

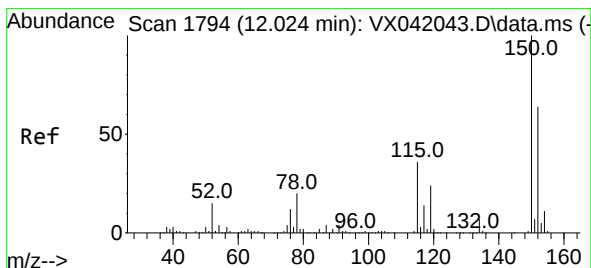
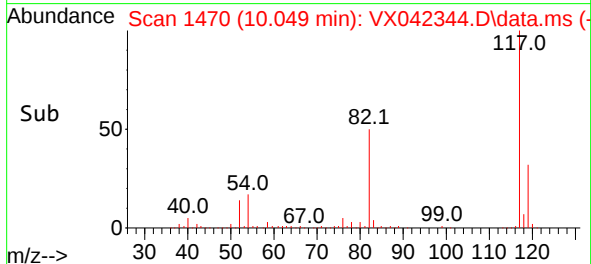
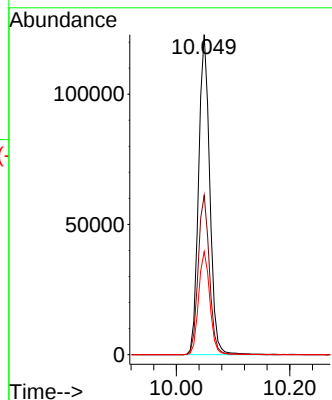
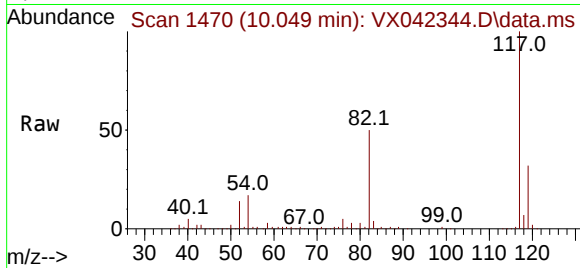




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
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Tgt Ion:117 Resp: 167757
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion:152 Resp: 84952
Ion Ratio Lower Upper
152 100
115 52.7 43.3 129.9
150 156.5 0.0 345.0

