

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040754.D
 Acq On : 21 Mar 2024 19:40
 Operator : JC/MD
 Sample : PB159677ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#05

Quant Time: Mar 22 03:00:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 2024
 Response via : Initial Calibration

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

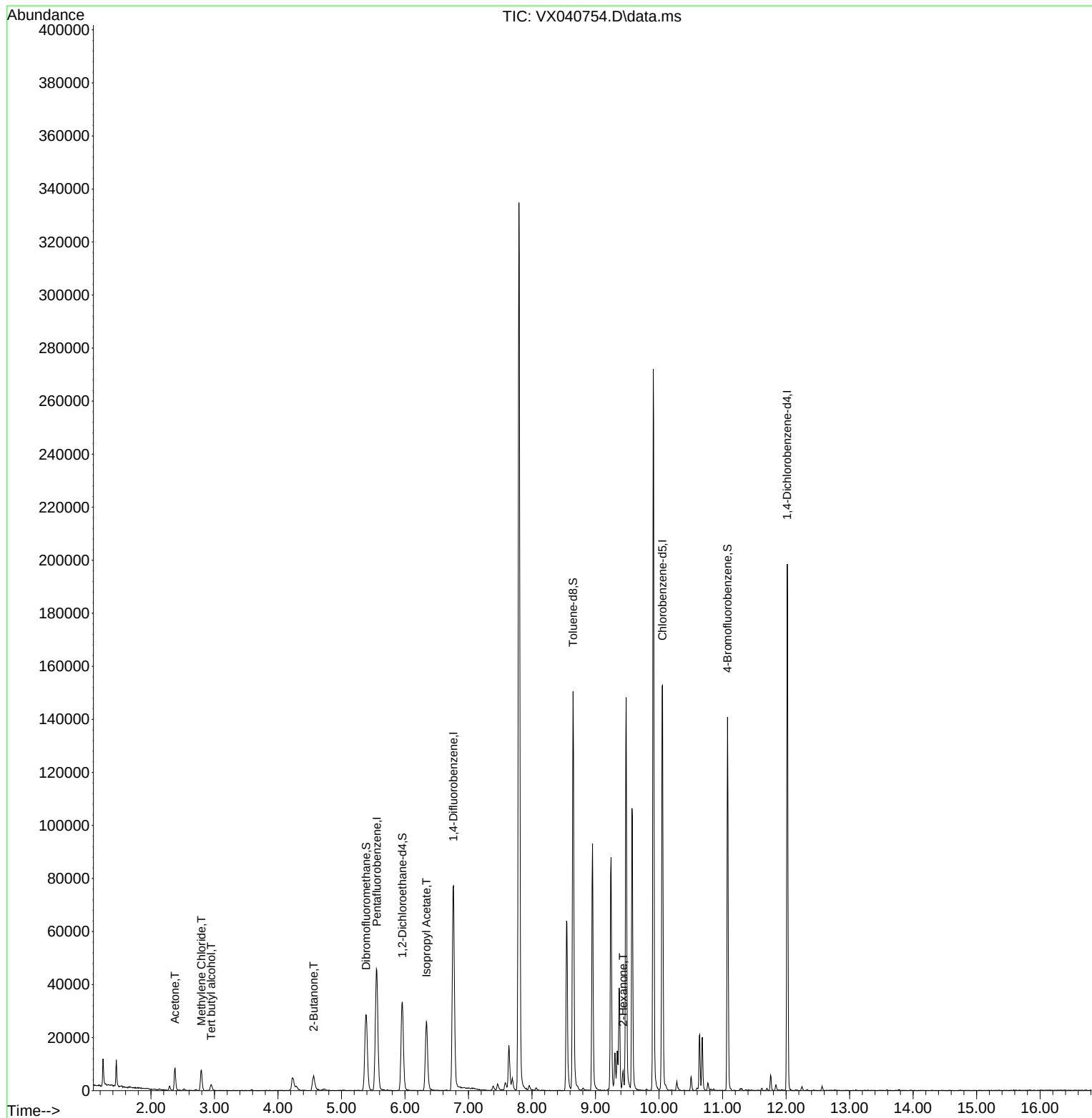
Internal Standards						
1) Pentafluorobenzene	5.556	168	41063	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	74356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	66690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34034	49.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.580%
35) Dibromofluoromethane	5.385	113	24791	44.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	8.647	98	84949	44.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.180%#
62) 4-Bromofluorobenzene	11.079	95	34938	46.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2297	20.775	ug/l	98
16) Acetone	2.380	43	9393	38.407	ug/l	97
20) Methylene Chloride	2.794	84	3472	6.495	ug/l	94
25) 2-Butanone	4.562	43	10045	26.223	ug/l	94
43) Isopropyl Acetate	6.336	43	36131	24.735	ug/l	98
59) 2-Hexanone	9.433	43	4757	6.779	ug/l	87

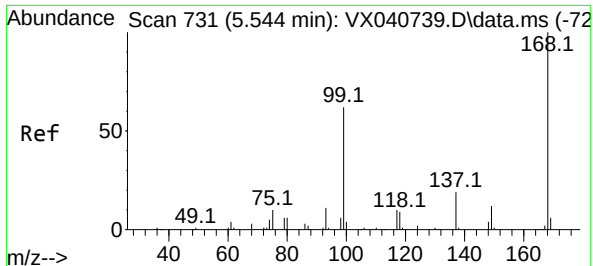
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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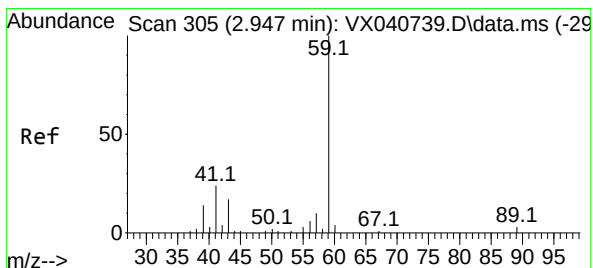
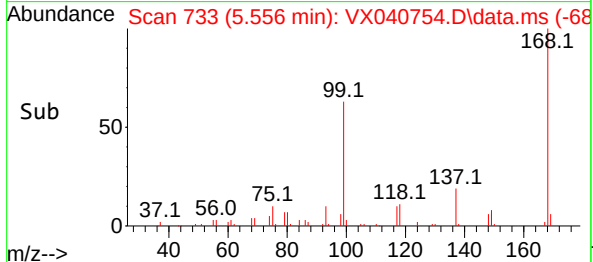
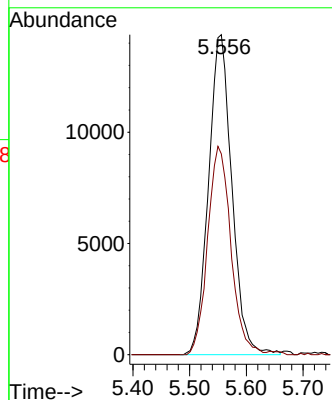
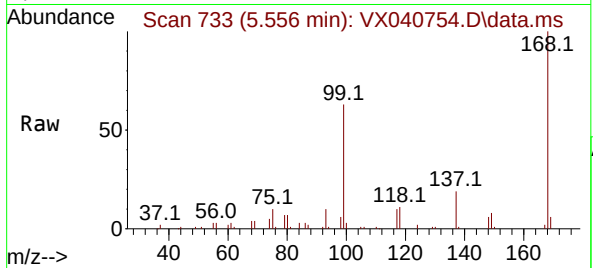




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

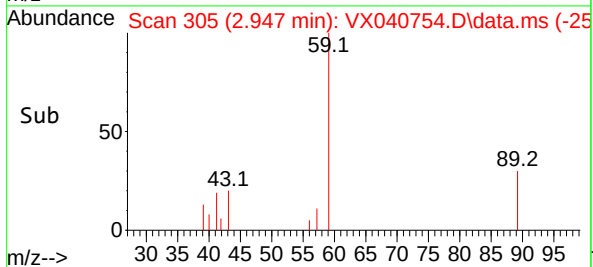
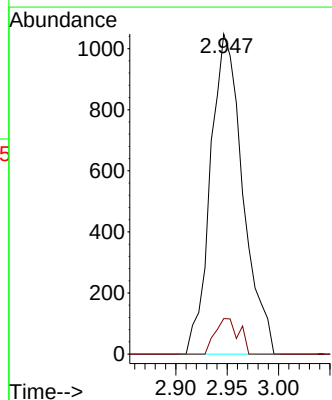
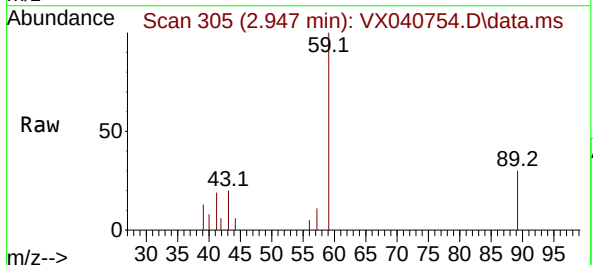
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#05

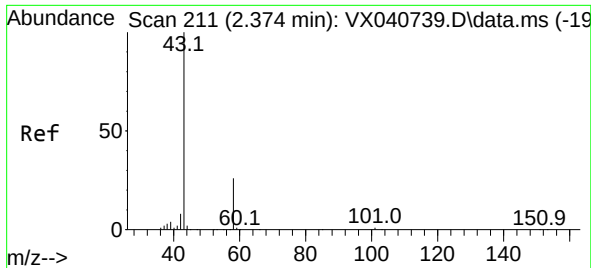
Tgt Ion:168 Resp: 41063
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 20.775 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Tgt Ion: 59 Resp: 2297
Ion Ratio Lower Upper
59 100
57 8.1 6.0 9.0

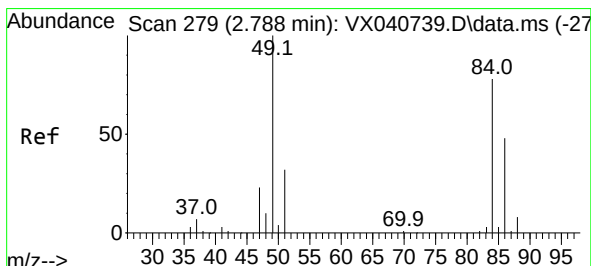
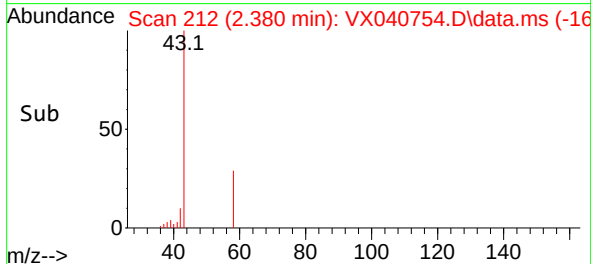
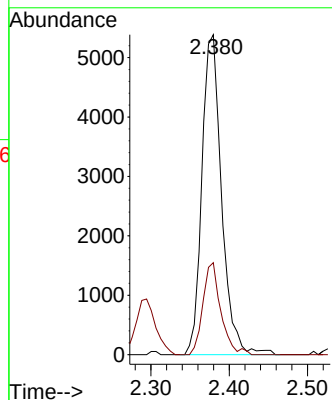
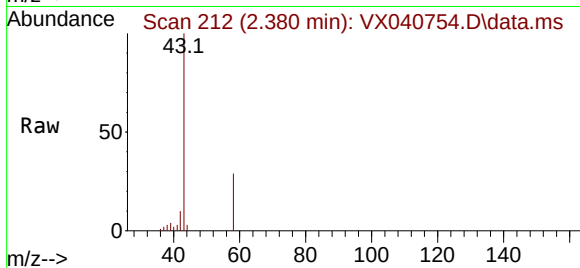




#16
Acetone
Concen: 38.407 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

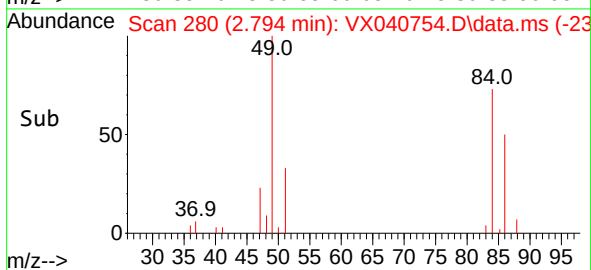
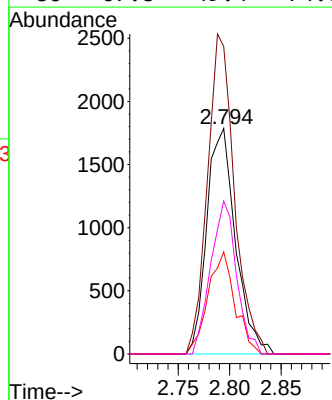
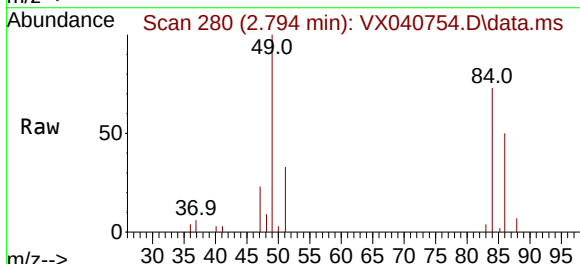
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#05

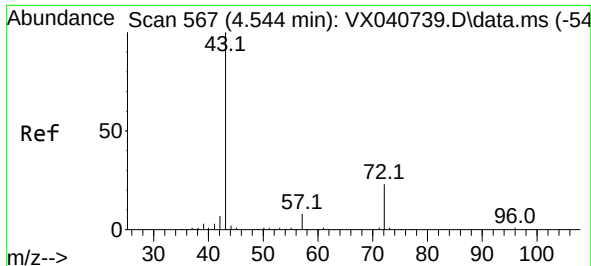
Tgt Ion: 43 Resp: 9393
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



#20
Methylene Chloride
Concen: 6.495 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Tgt Ion: 84 Resp: 3472
Ion Ratio Lower Upper
84 100
49 136.4 103.6 155.4
51 45.3 33.8 50.6
86 67.8 49.4 74.0





#25

2-Butanone

Concen: 26.223 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040754.D

Acq: 21 Mar 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

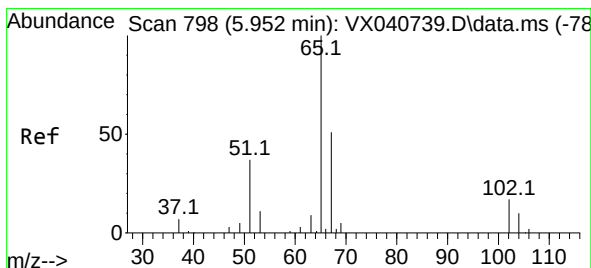
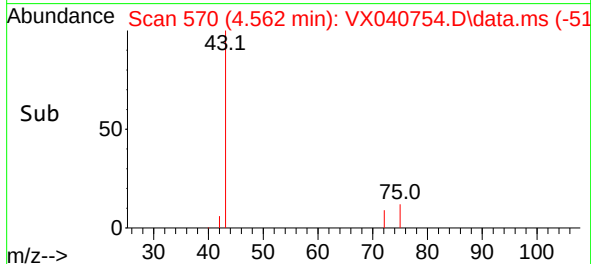
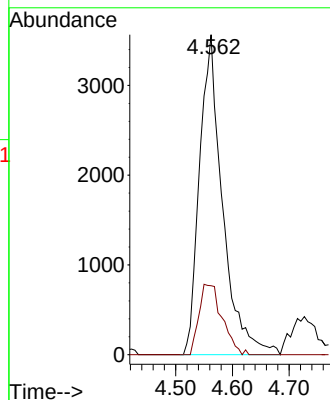
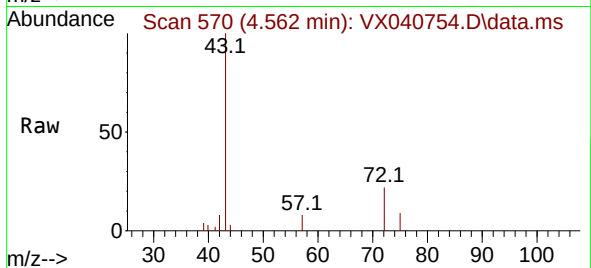
PB159677ZHE#05

Tgt Ion: 43 Resp: 10045

Ion Ratio Lower Upper

43 100

72 21.6 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 49.292 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040754.D

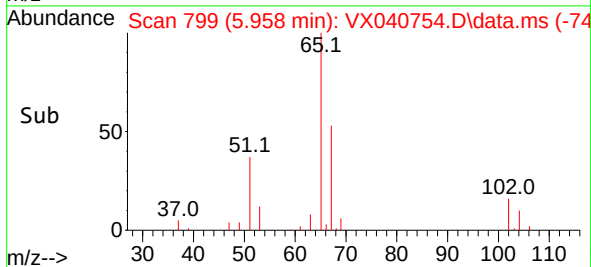
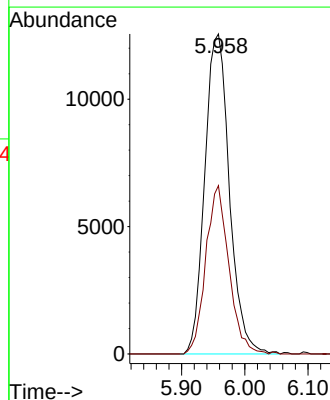
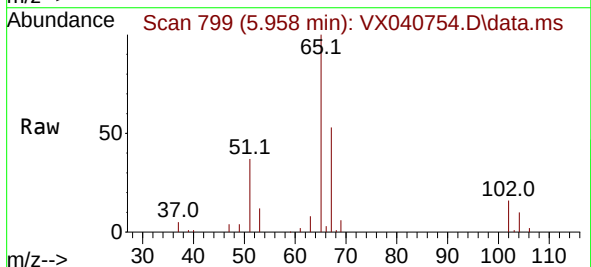
Acq: 21 Mar 2024 19:40

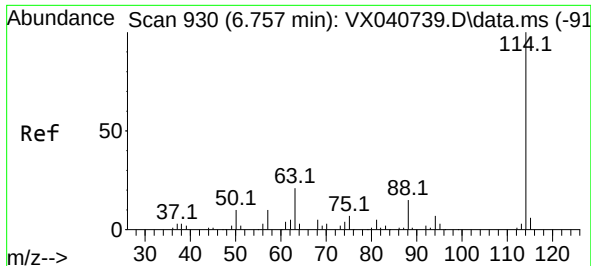
Tgt Ion: 65 Resp: 34034

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.2

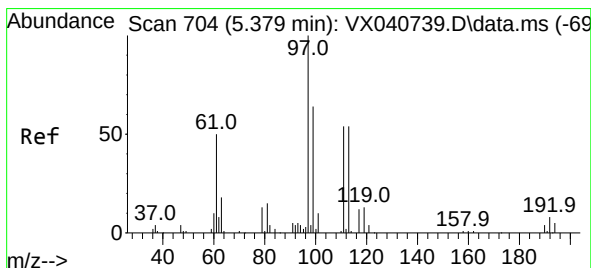
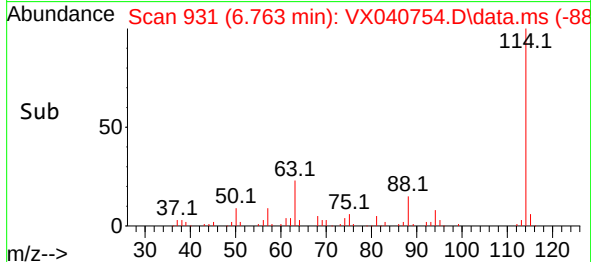
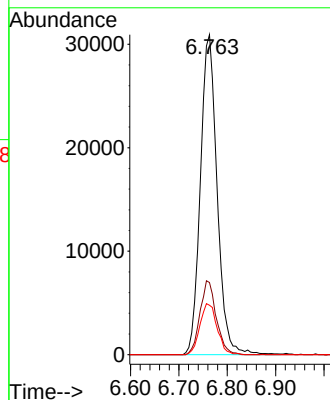
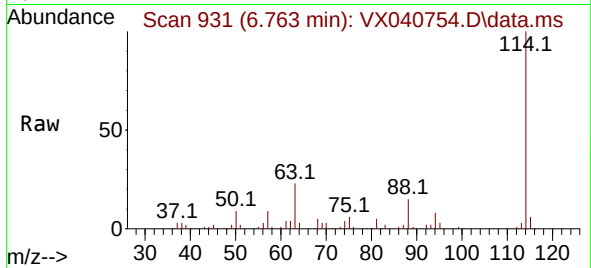




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

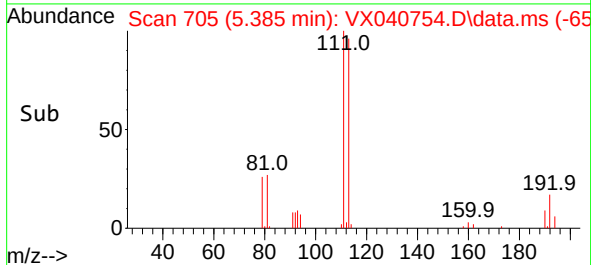
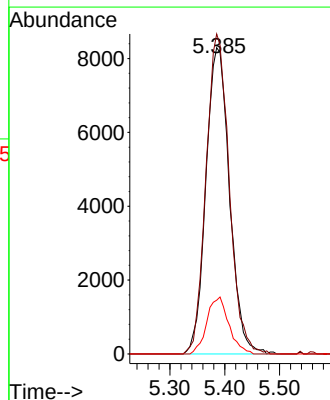
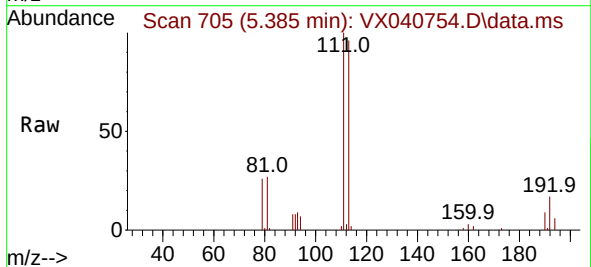
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#05

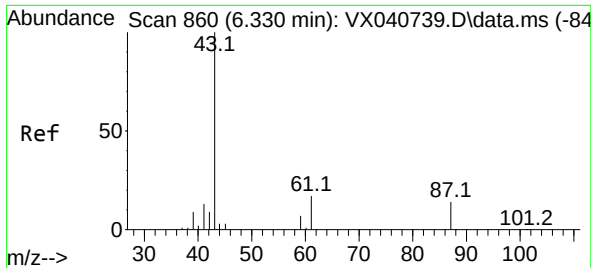
Tgt Ion:114 Resp: 74356
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.558 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Tgt Ion:113 Resp: 24791
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.3 13.3 19.9

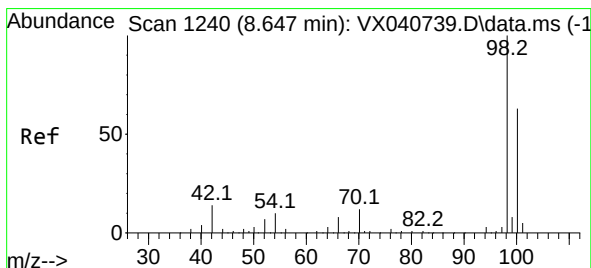
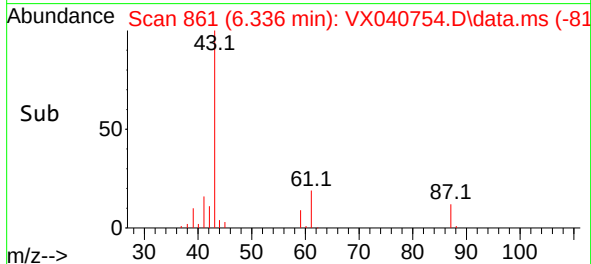
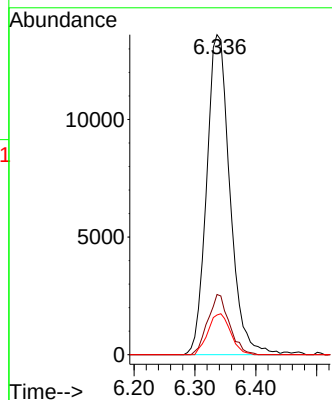
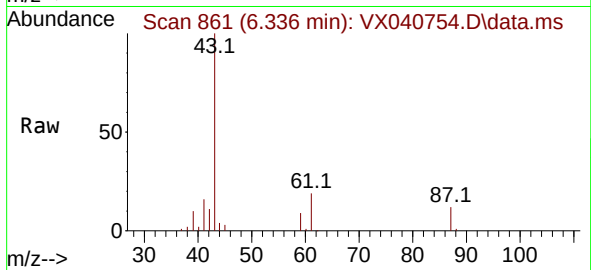




#43
Isopropyl Acetate
Concen: 24.735 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

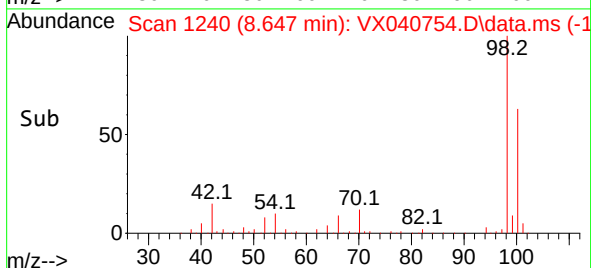
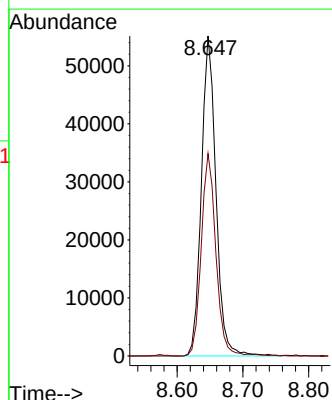
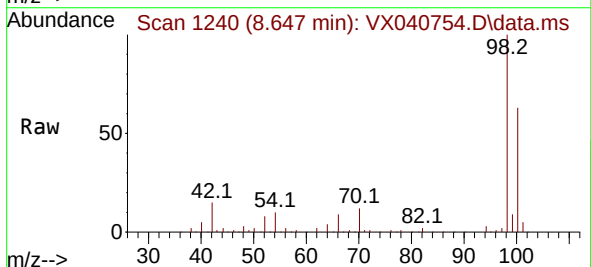
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#05

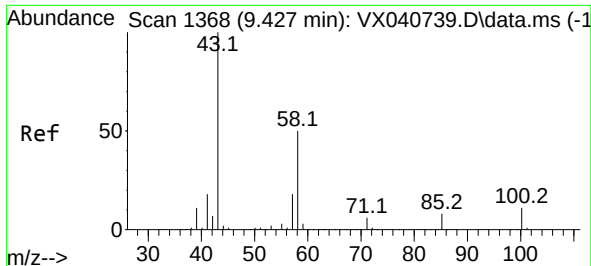
Tgt Ion: 43 Resp: 36131
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.4 9.8 14.6



#50
Toluene-d8
Concen: 44.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Tgt Ion: 98 Resp: 84949
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#59

2-Hexanone

Concen: 6.779 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040754.D

Acq: 21 Mar 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

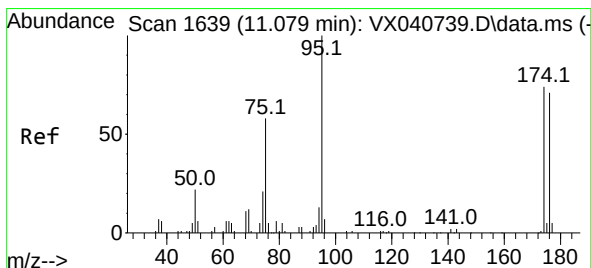
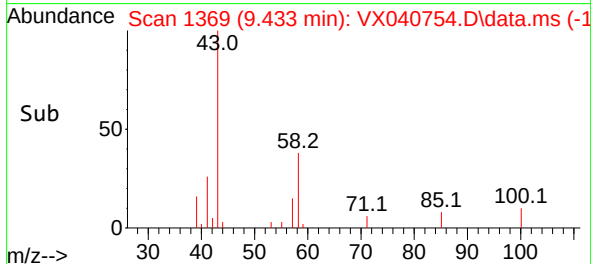
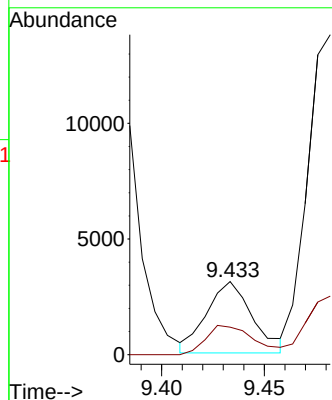
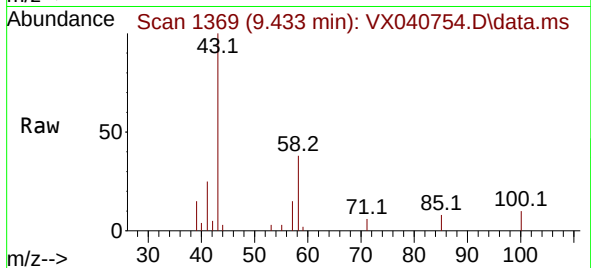
PB159677ZHE#05

Tgt Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

58 43.2 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 46.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040754.D

Acq: 21 Mar 2024 19:40

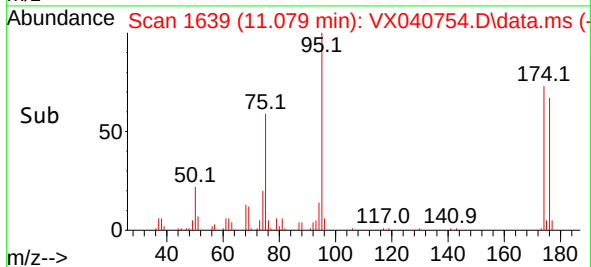
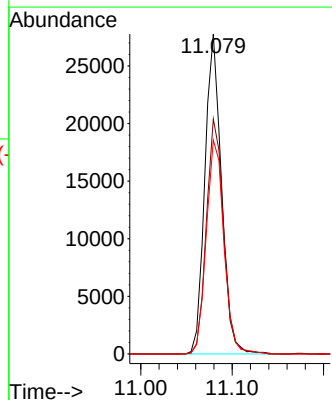
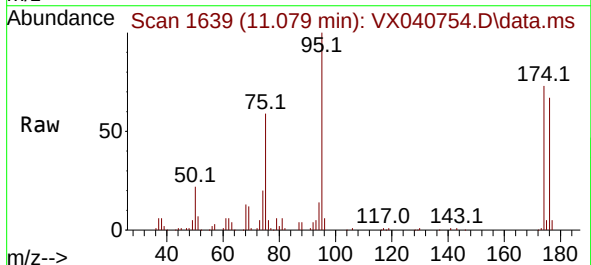
Tgt Ion: 95 Resp: 34938

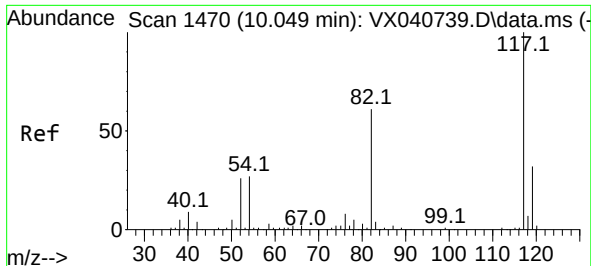
Ion Ratio Lower Upper

95 100

174 76.2 0.0 135.6

176 70.9 0.0 131.0

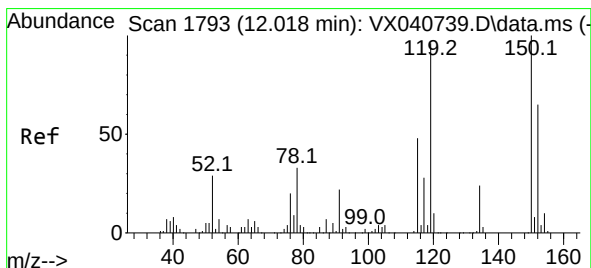
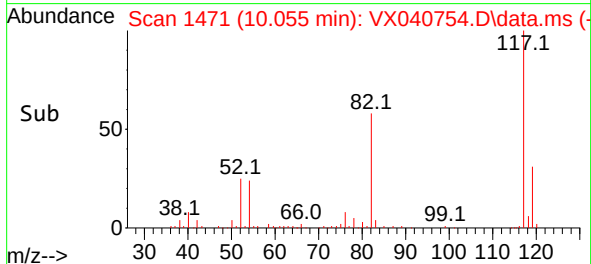
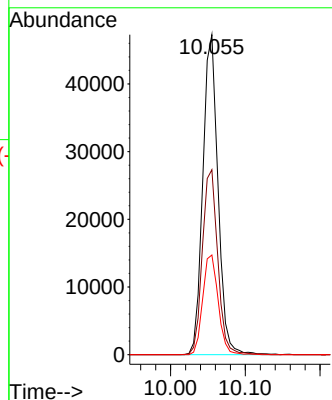
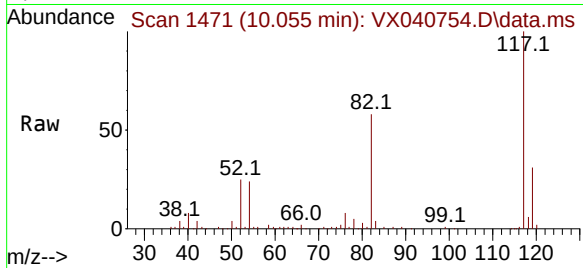




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#05

Tgt Ion:117 Resp: 66690
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040754.D
Acq: 21 Mar 2024 19:40

Tgt Ion:152 Resp: 36916
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 154.7 0.0 345.0

