

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040751.D
 Acq On : 21 Mar 2024 18:32
 Operator : JC/MD
 Sample : PB159677ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#02

Quant Time: Mar 22 02:59:16 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)

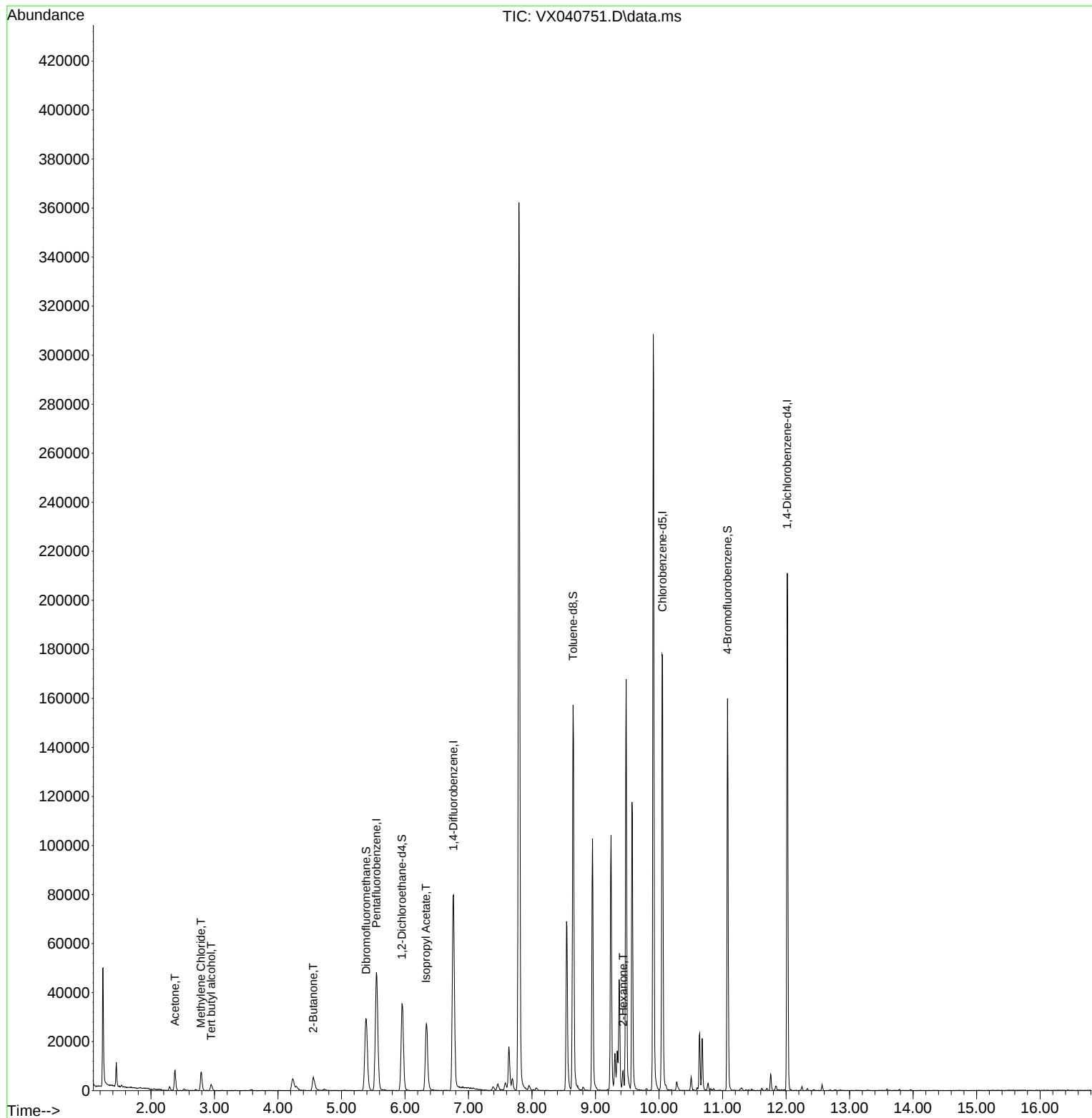
Internal Standards						
1) Pentafluorobenzene	5.550	168	42527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35749	49.994	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.980%	
35) Dibromofluoromethane	5.385	113	25985	45.367	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.740%	
50) Toluene-d8	8.647	98	92219	47.022	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.040%	
62) 4-Bromofluorobenzene	11.079	95	40007	51.632	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	2627	22.942	ug/l	98
16) Acetone	2.380	43	8545	33.737	ug/l	98
20) Methylene Chloride	2.788	84	3290	5.942	ug/l #	97
25) 2-Butanone	4.556	43	9723	24.509	ug/l	94
43) Isopropyl Acetate	6.330	43	39648	26.365	ug/l	95
59) 2-Hexanone	9.433	43	4957	6.862	ug/l	90

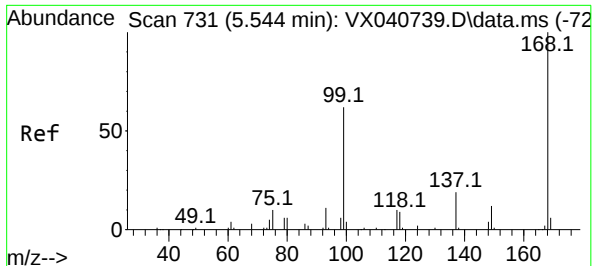
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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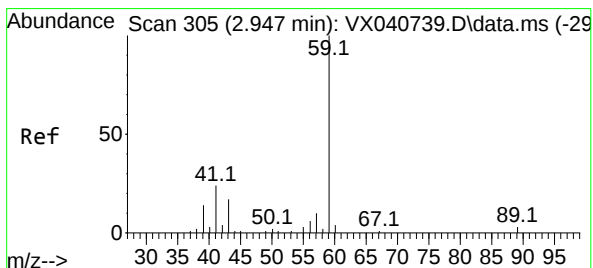
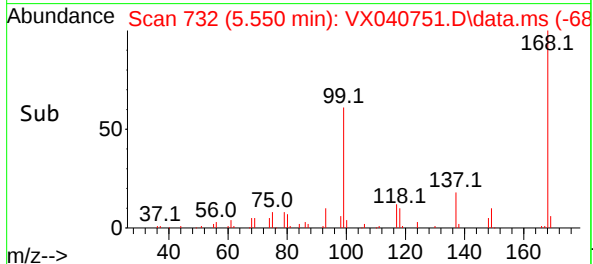
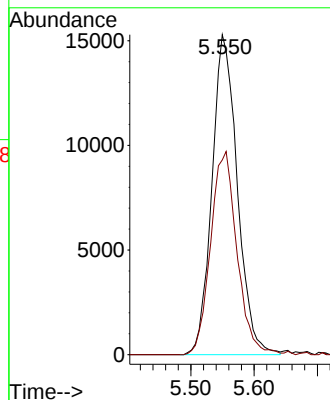
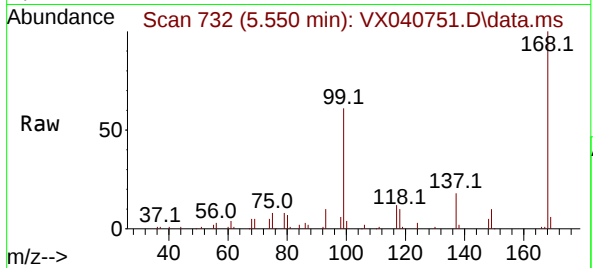




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

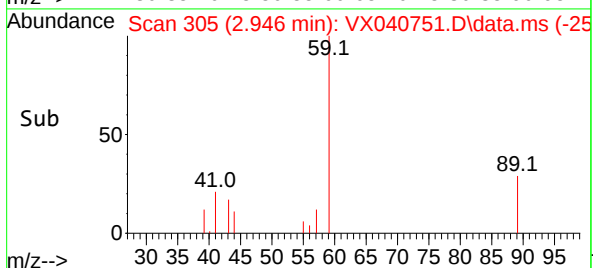
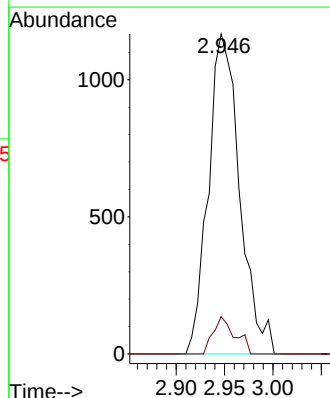
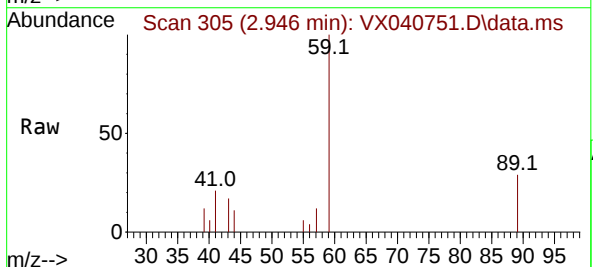
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#02

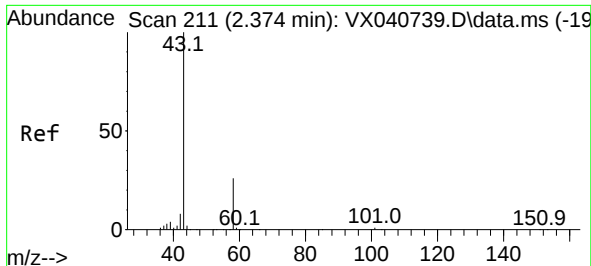
Tgt Ion:168 Resp: 42527
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 22.942 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.001 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

Tgt Ion: 59 Resp: 2627
Ion Ratio Lower Upper
59 100
57 8.1 6.0 9.0

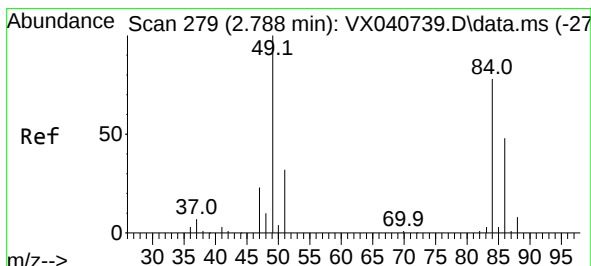
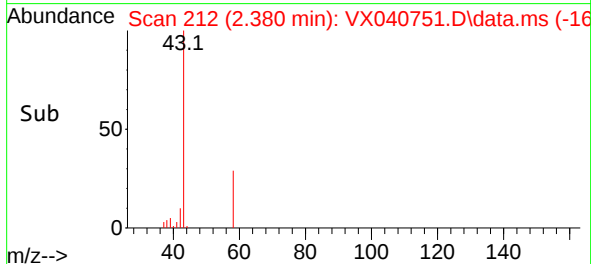
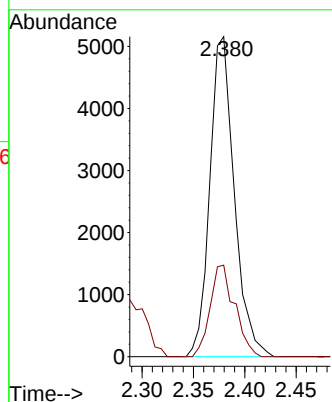
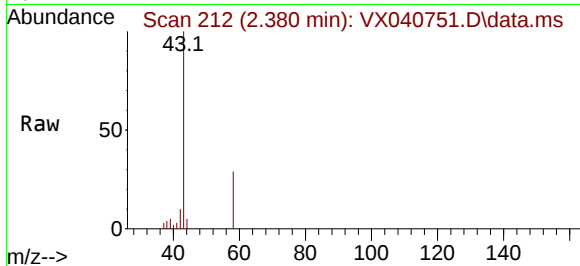




#16
Acetone
Concen: 33.737 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

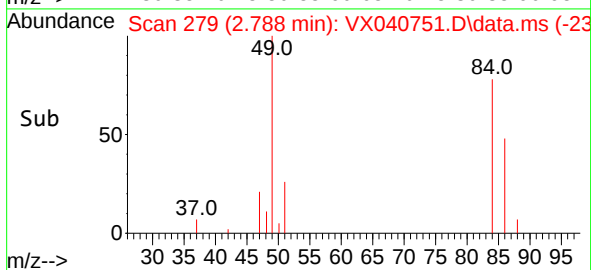
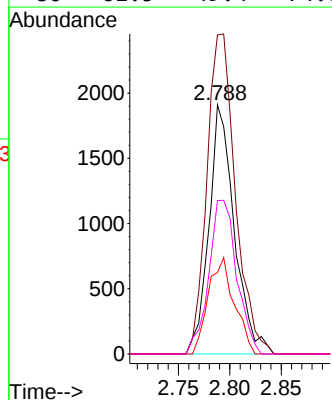
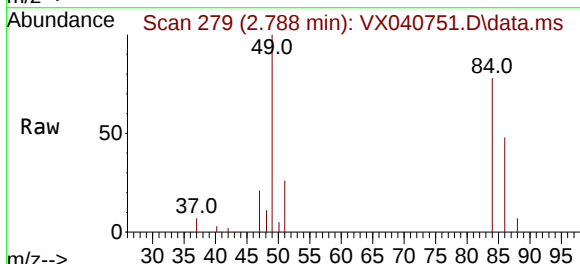
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#02

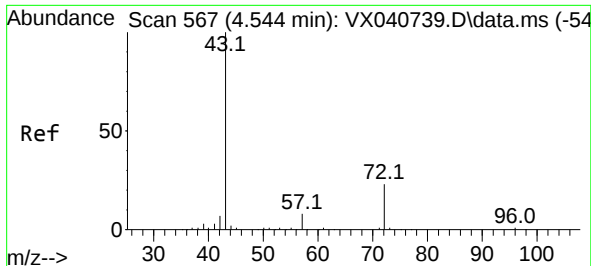
Tgt Ion: 43 Resp: 8545
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#20
Methylene Chloride
Concen: 5.942 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

Tgt Ion: 84 Resp: 3290
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 32.7 33.8 50.6#
86 61.5 49.4 74.0





#25

2-Butanone

Concen: 24.509 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040751.D

Acq: 21 Mar 2024 18:32

Instrument :

MSVOA_X

ClientSampleId :

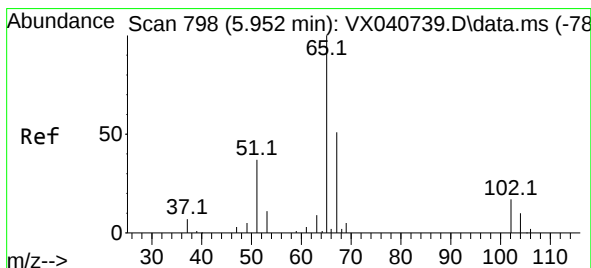
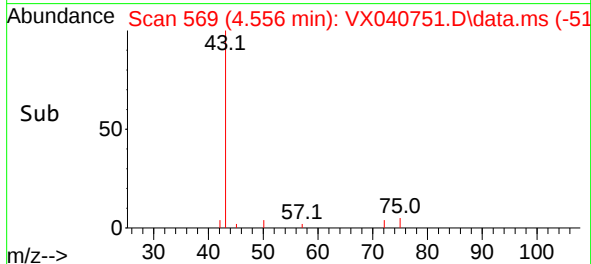
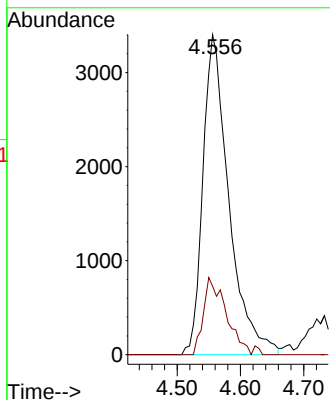
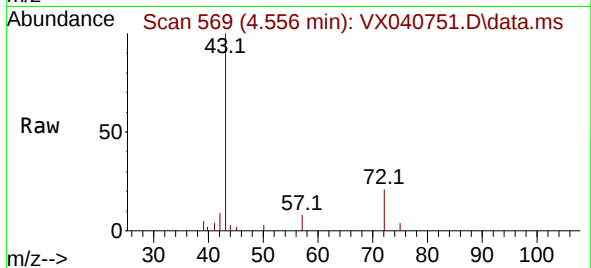
PB159677ZHE#02

Tgt Ion: 43 Resp: 9723

Ion Ratio Lower Upper

43 100

72 21.4 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 49.994 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040751.D

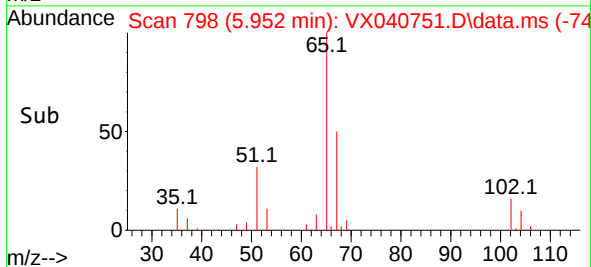
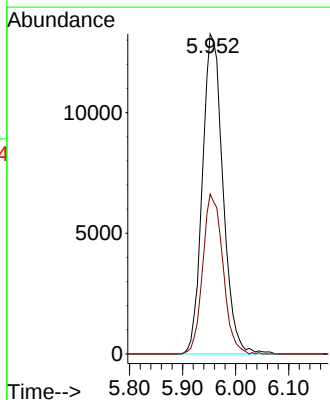
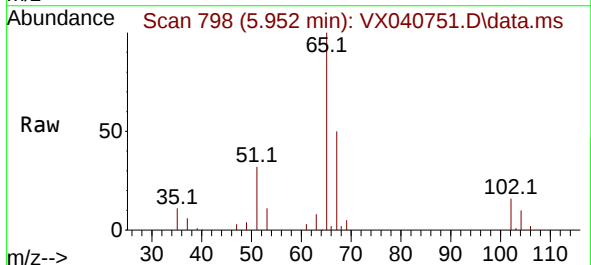
Acq: 21 Mar 2024 18:32

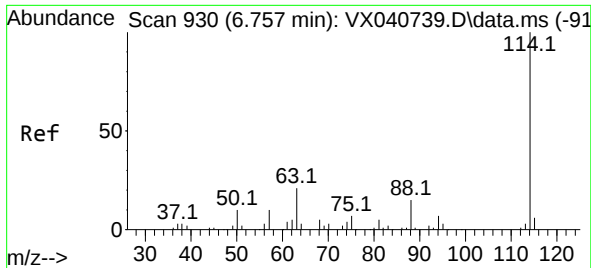
Tgt Ion: 65 Resp: 35749

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.2

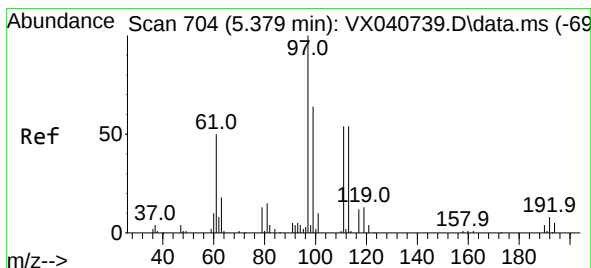
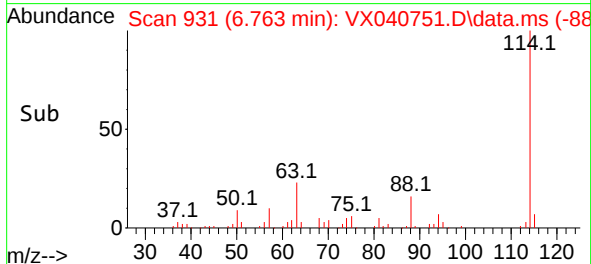
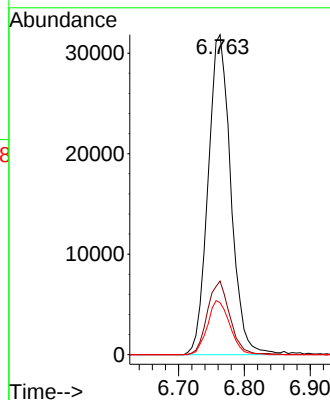
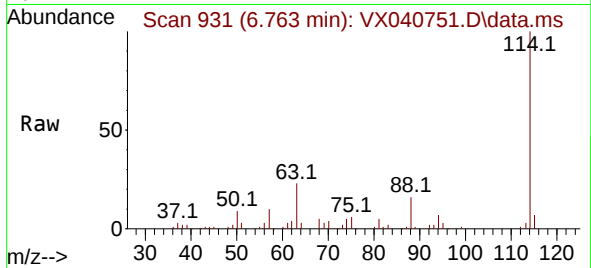




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

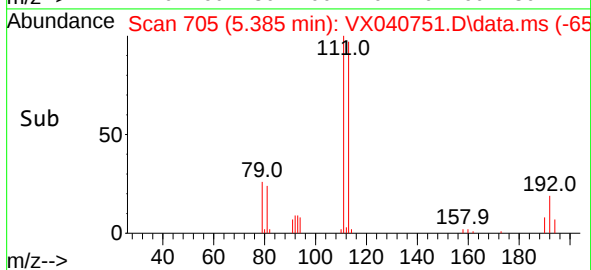
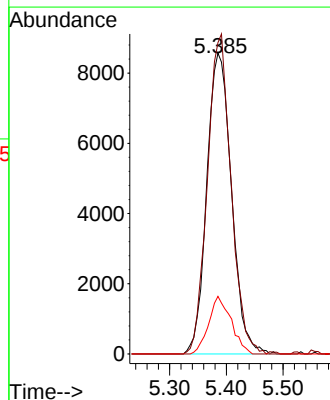
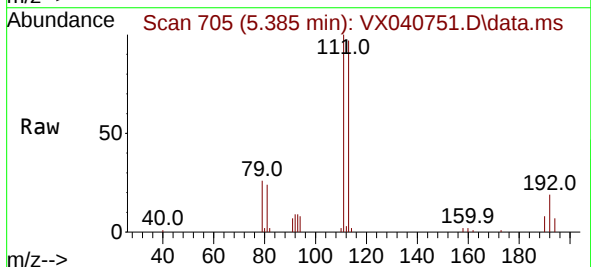
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#02

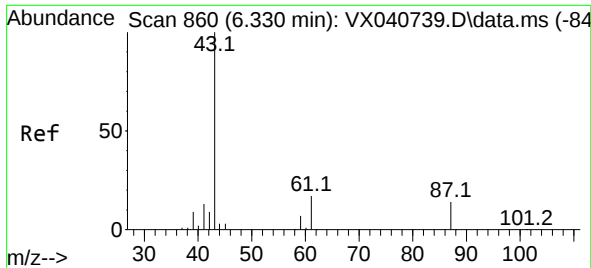
Tgt Ion:114 Resp: 76547
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.367 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

Tgt Ion:113 Resp: 25985
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.4 13.3 19.9

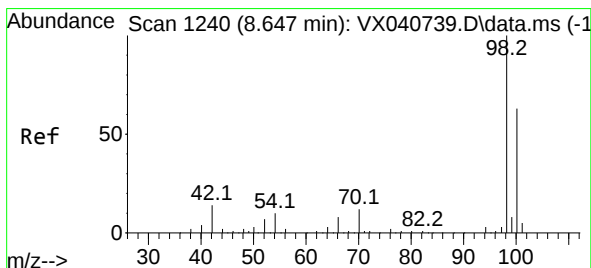
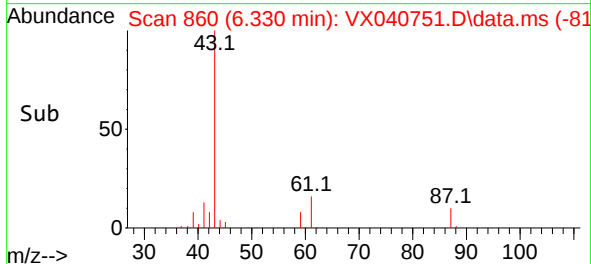
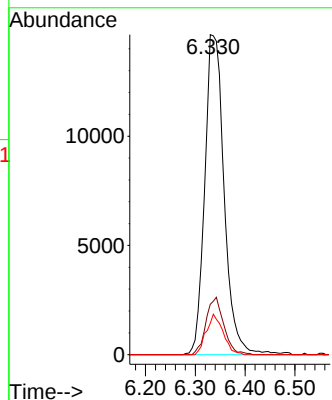
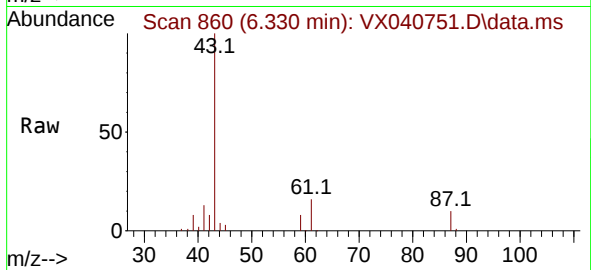




#43
Isopropyl Acetate
Concen: 26.365 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.000 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

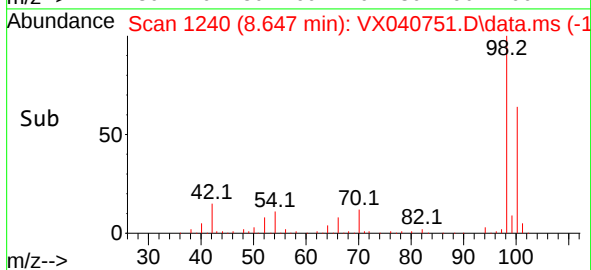
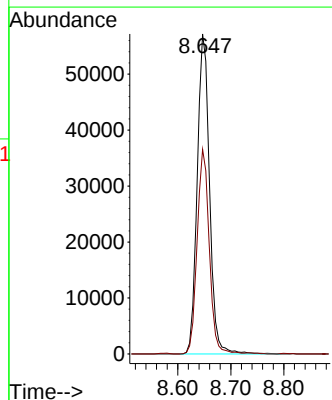
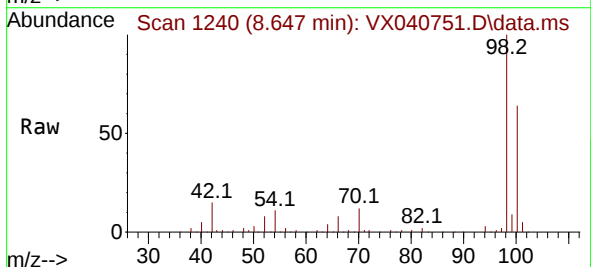
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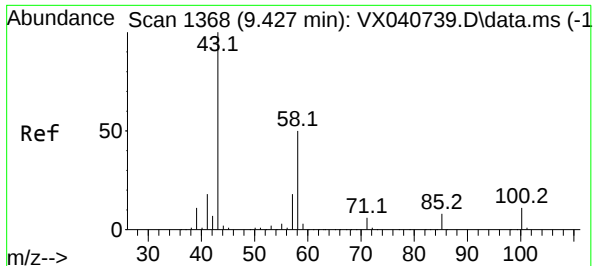
Tgt Ion: 43 Resp: 39648
Ion Ratio Lower Upper
43 100
61 16.4 15.2 22.8
87 10.9 9.8 14.6



#50
Toluene-d8
Concen: 47.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

Tgt Ion: 98 Resp: 92219
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

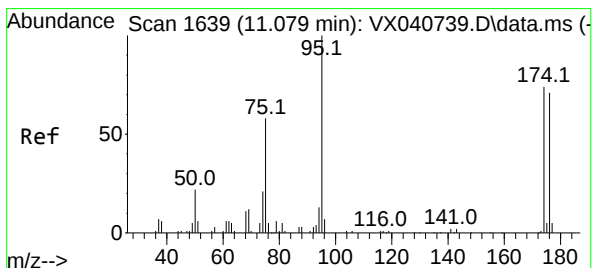
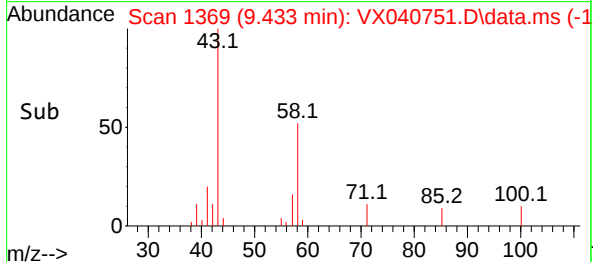
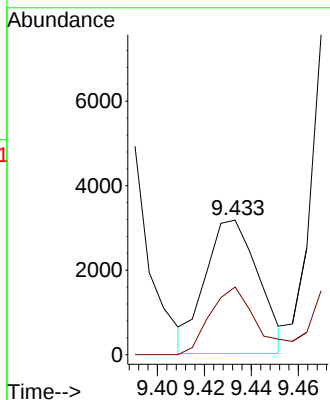
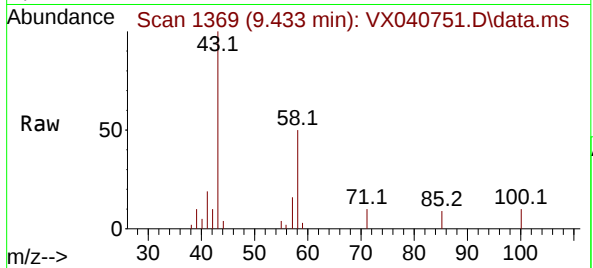




#59
2-Hexanone
Concen: 6.862 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

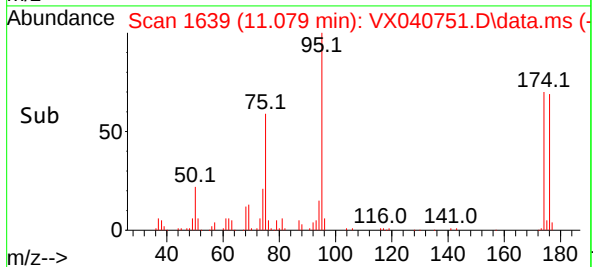
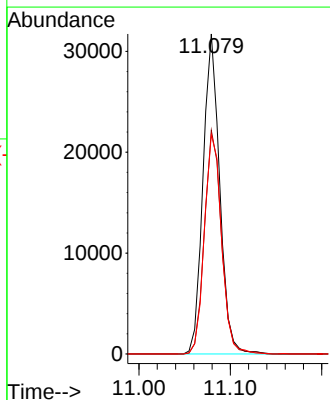
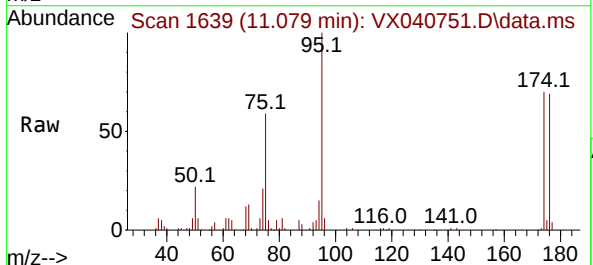
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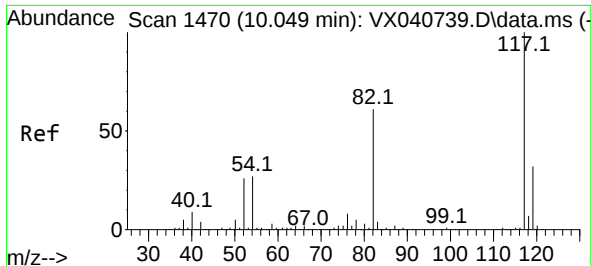
Tgt Ion: 43 Resp: 4957
Ion Ratio Lower Upper
43 100
58 45.3 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 51.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040751.D
Acq: 21 Mar 2024 18:32

Tgt Ion: 95 Resp: 40007
Ion Ratio Lower Upper
95 100
174 71.2 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: VX040751.D

Acq: 21 Mar 2024 18:32

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#02

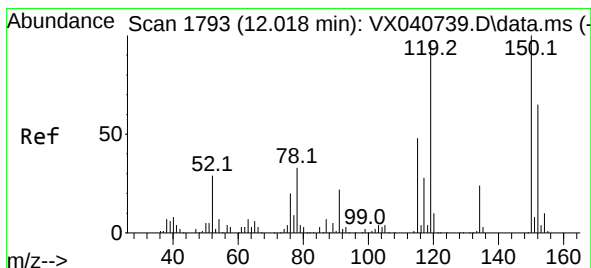
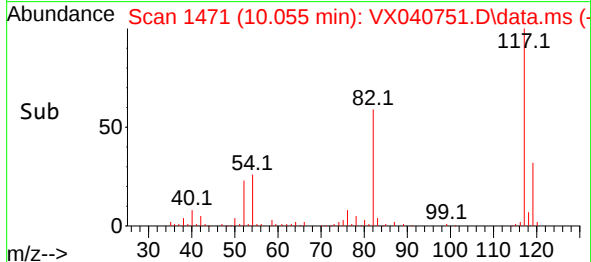
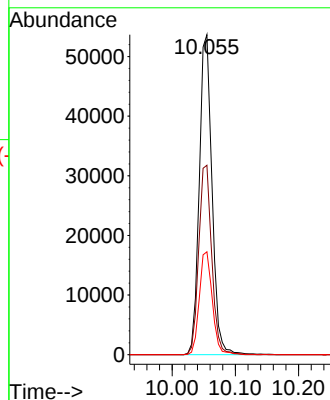
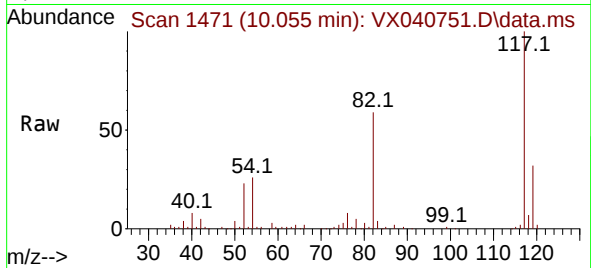
Tgt Ion:117 Resp: 75356

Ion Ratio Lower Upper

117 100

82 59.2 46.2 69.4

119 32.2 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: VX040751.D

Acq: 21 Mar 2024 18:32

Tgt Ion:152 Resp: 39533

Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 154.1 0.0 345.0

