

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040763.D
 Acq On : 21 Mar 2024 23:06
 Operator : JC/MD
 Sample : PB159677ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#14

Quant Time: Mar 22 03:04:12 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)

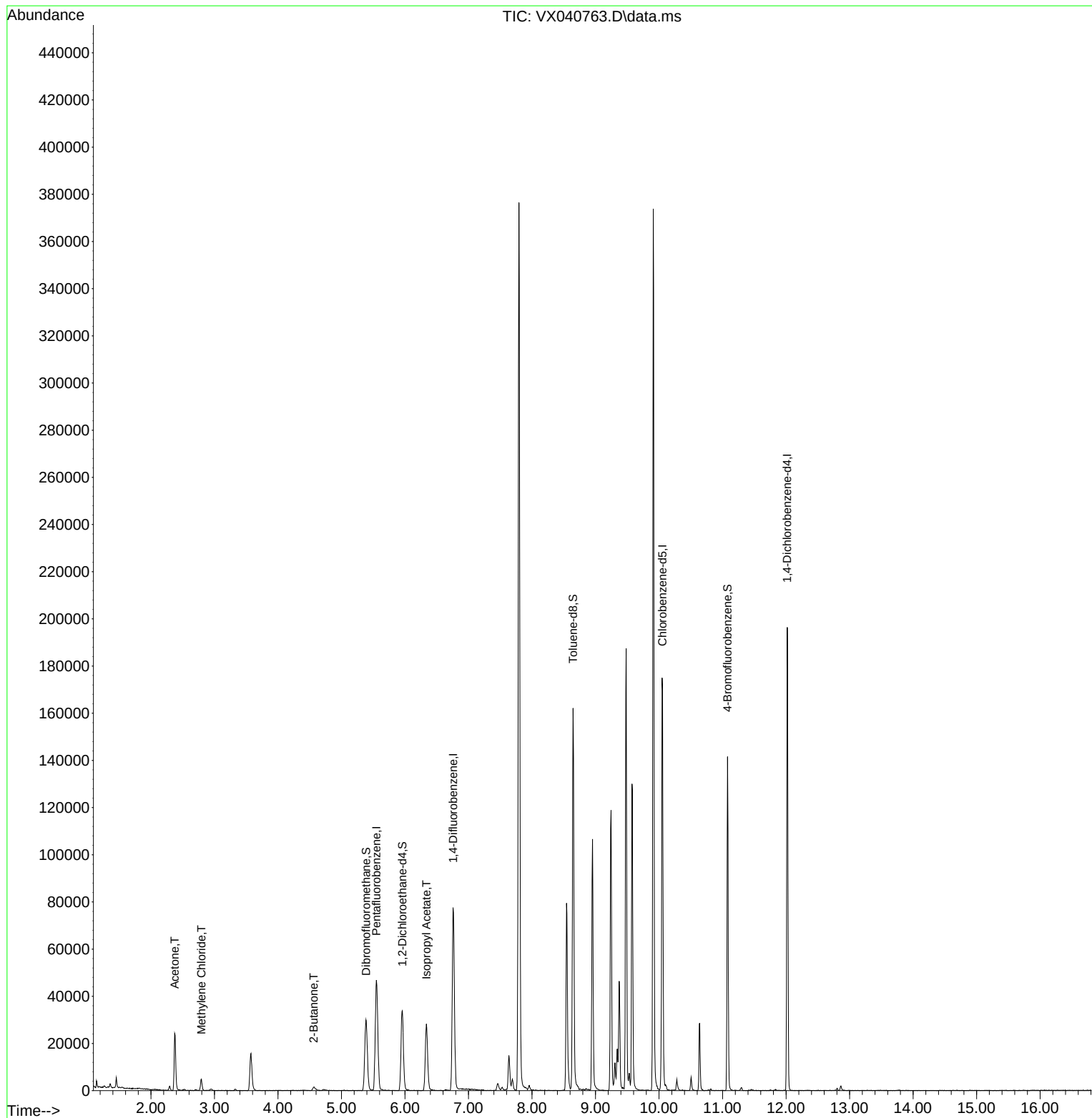
Internal Standards						
1) Pentafluorobenzene	5.550	168	41744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	74291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34558	49.235	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.460%		
35) Dibromofluoromethane	5.385	113	25475	45.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	8.647	98	94253	49.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	34326	45.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.300%		
Target Compounds					Qvalue	
16) Acetone	2.373	43	27234	109.542	ug/l	97
20) Methylene Chloride	2.794	84	2190	4.030	ug/l #	83
25) 2-Butanone	4.562	43	2891	7.424	ug/l	98
43) Isopropyl Acetate	6.336	43	39643	27.163	ug/l	97

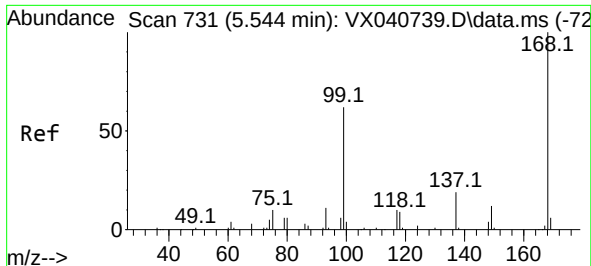
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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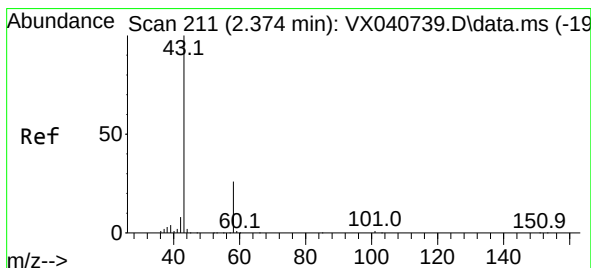
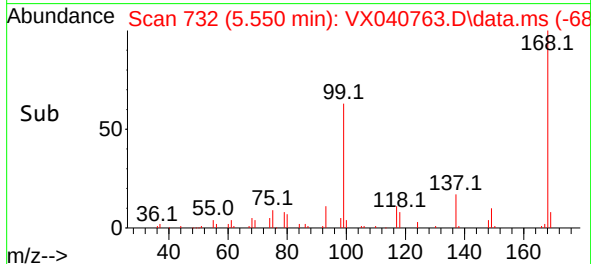
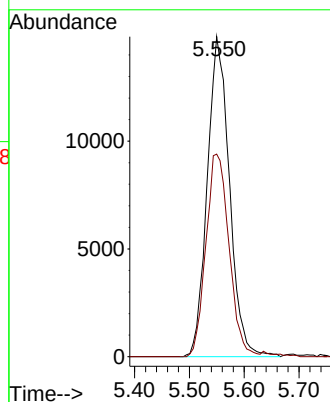
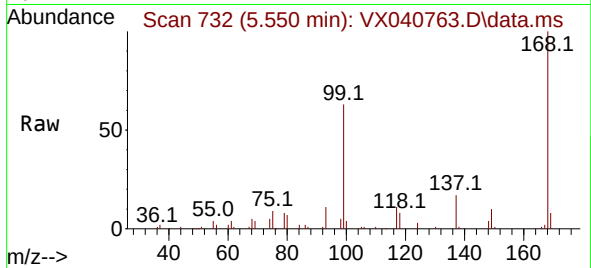




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

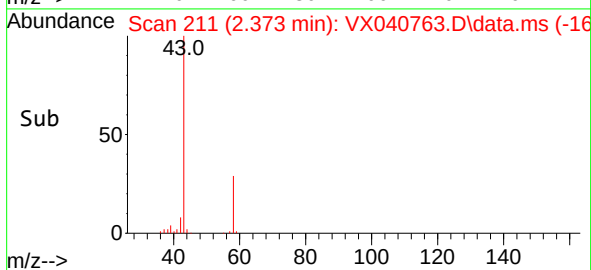
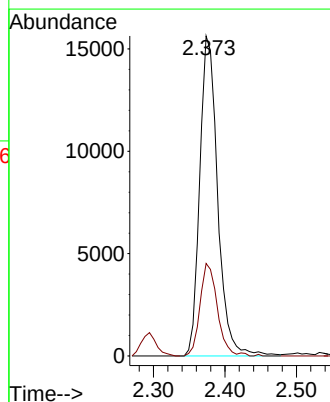
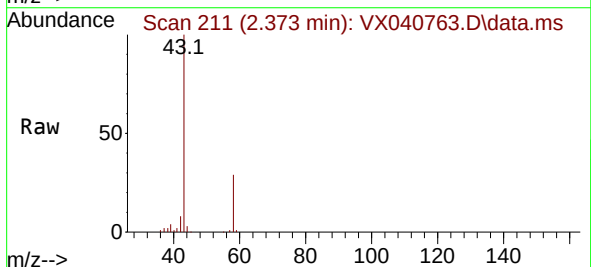
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#14

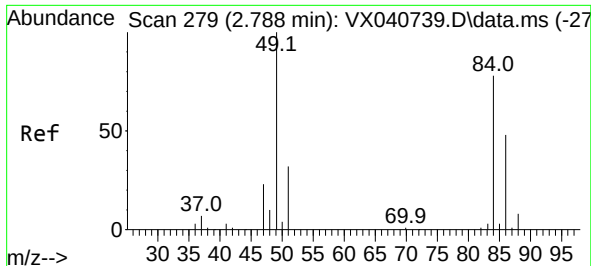
Tgt Ion:168 Resp: 41744
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#16
Acetone
Concen: 109.542 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

Tgt Ion: 43 Resp: 27234
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9





#20

Methylene Chloride

Concen: 4.030 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040763.D

Acq: 21 Mar 2024 23:06

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#14

Tgt Ion: 84 Resp: 2190

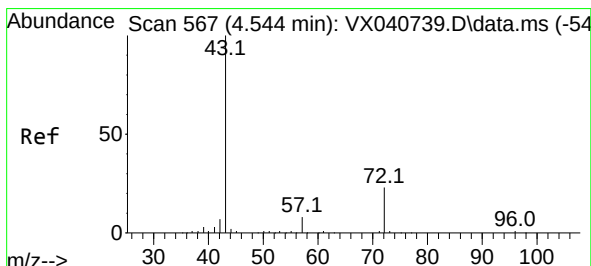
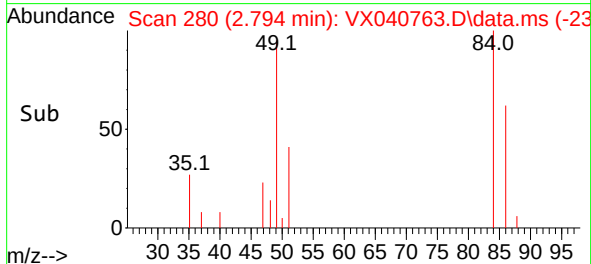
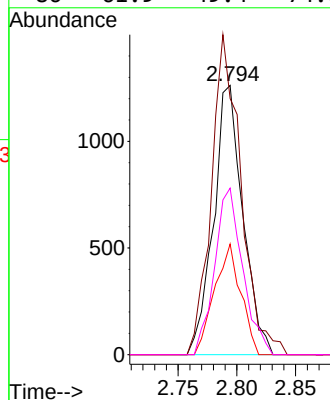
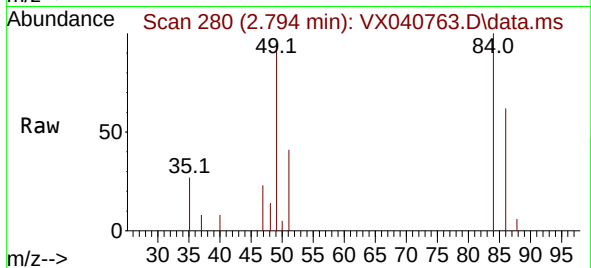
Ion Ratio Lower Upper

84 100

49 95.2 103.6 155.4#

51 41.1 33.8 50.6

86 61.9 49.4 74.0



#25

2-Butanone

Concen: 7.424 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX040763.D

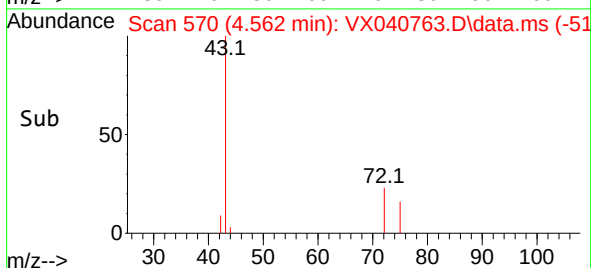
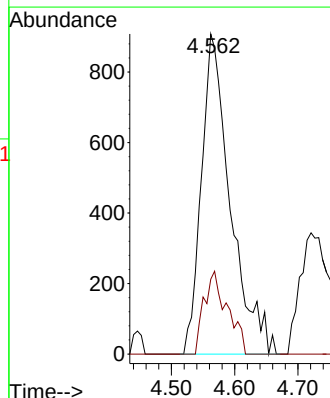
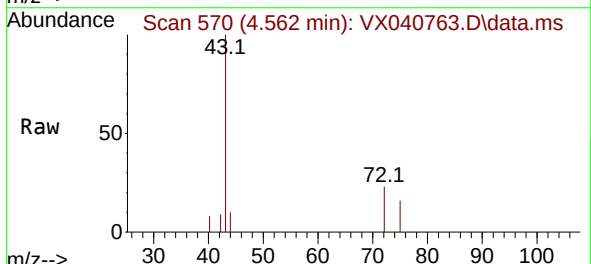
Acq: 21 Mar 2024 23:06

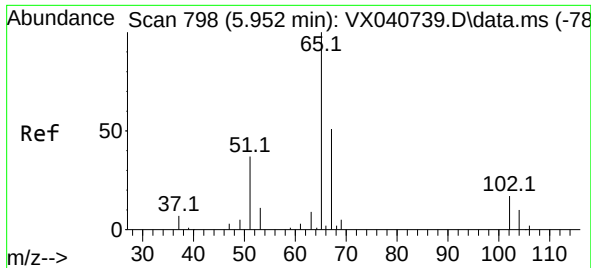
Tgt Ion: 43 Resp: 2891

Ion Ratio Lower Upper

43 100

72 23.3 19.4 29.2

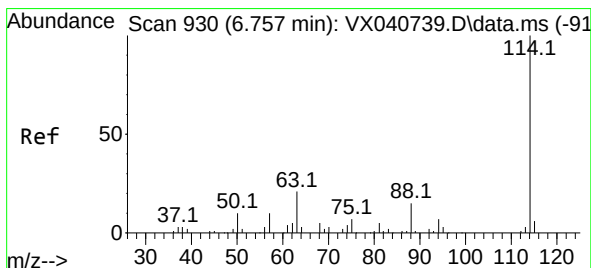
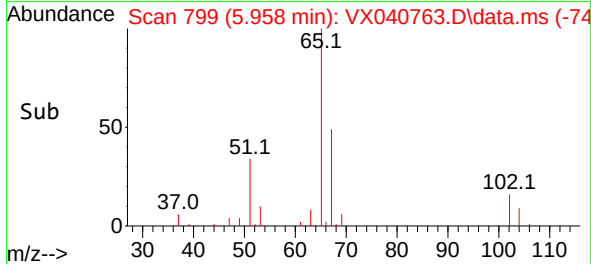
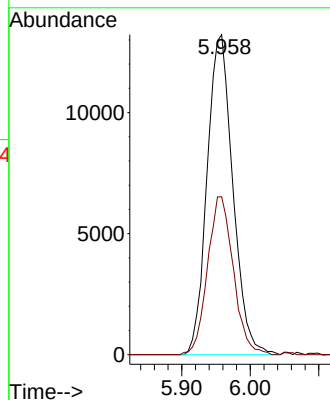
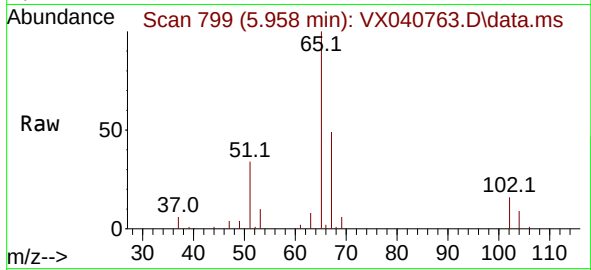




#33
1,2-Dichloroethane-d4
Concen: 49.235 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

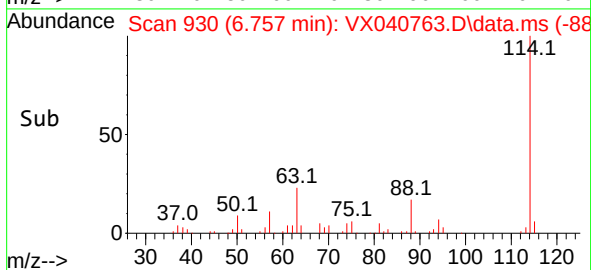
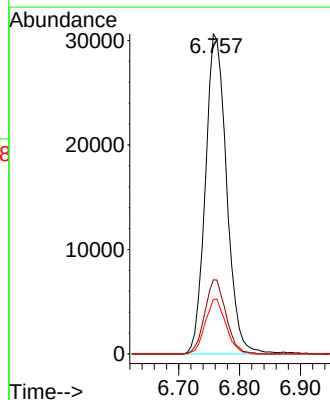
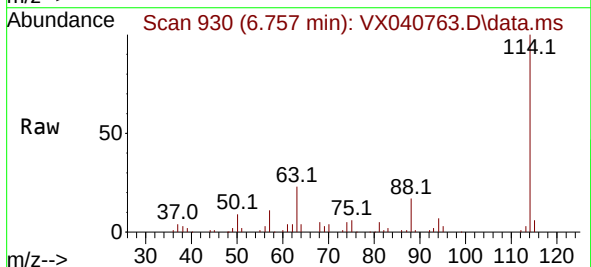
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#14

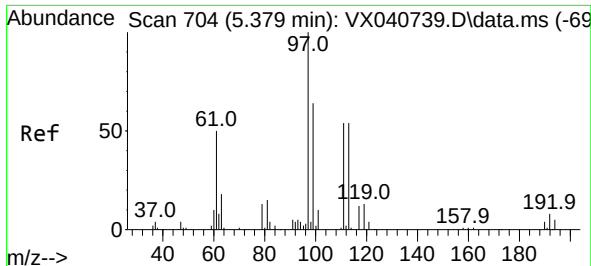
Tgt Ion: 65 Resp: 34558
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

Tgt Ion: 114 Resp: 74291
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.1 0.0 36.6

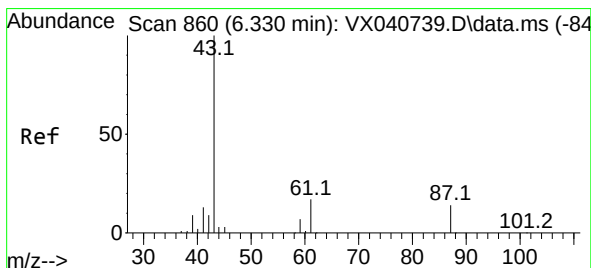
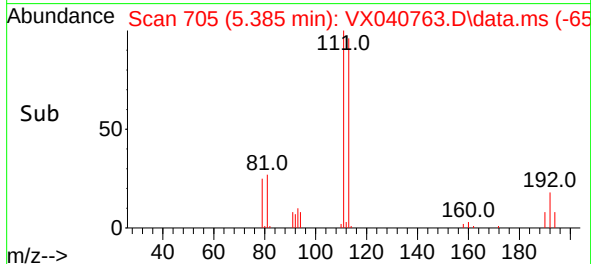
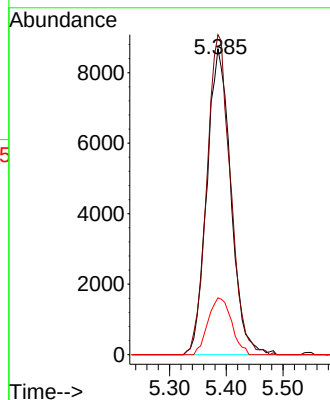
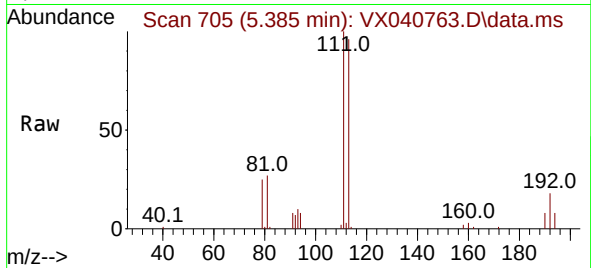




#35
Dibromofluoromethane
Concen: 45.828 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

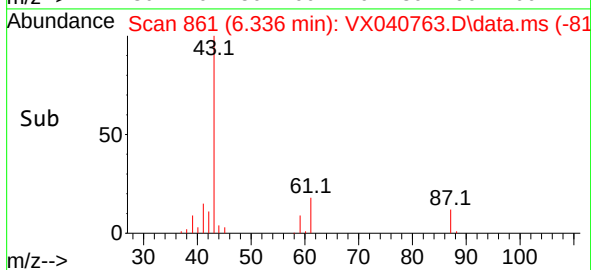
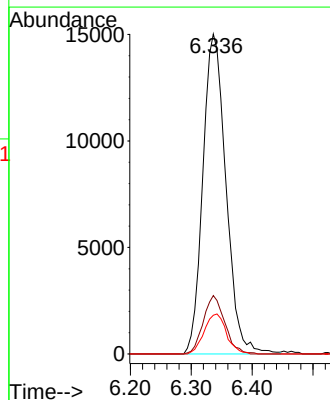
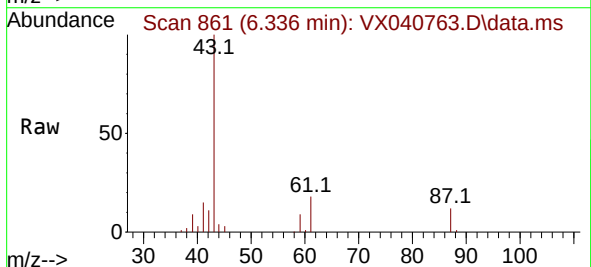
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#14

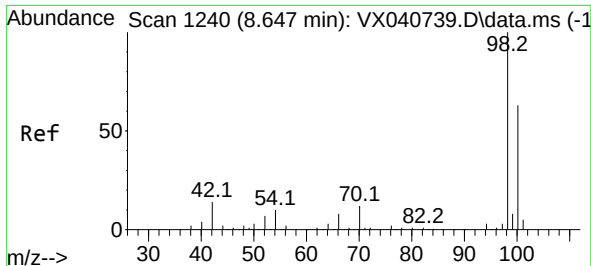
Tgt Ion:113 Resp: 25475
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.2 13.3 19.9



#43
Isopropyl Acetate
Concen: 27.163 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

Tgt Ion: 43 Resp: 39643
Ion Ratio Lower Upper
43 100
61 16.9 15.2 22.8
87 12.0 9.8 14.6

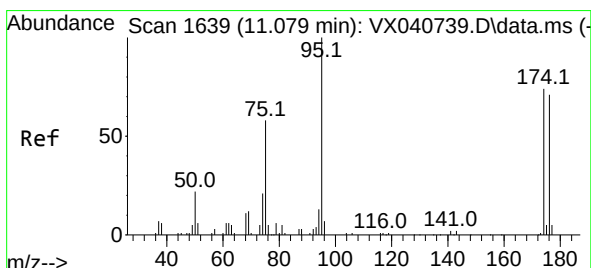
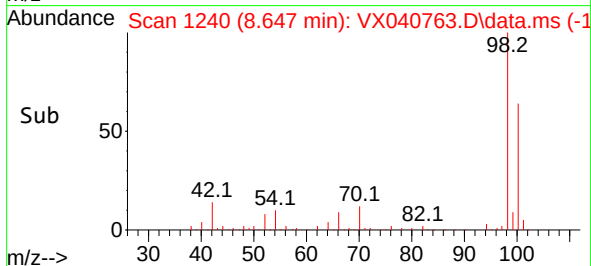
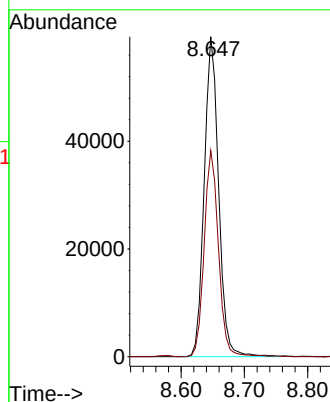
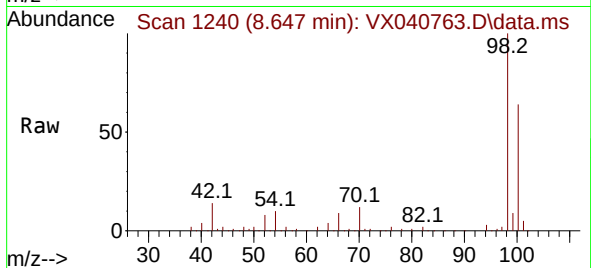




#50
Toluene-d8
Concen: 49.518 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

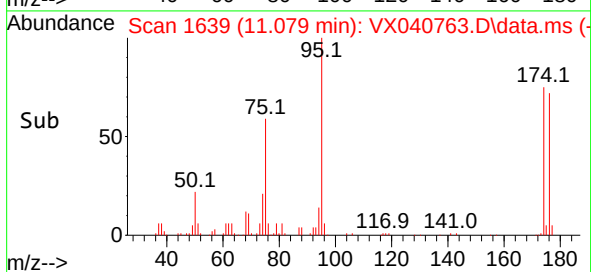
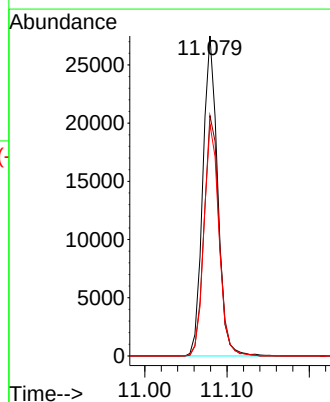
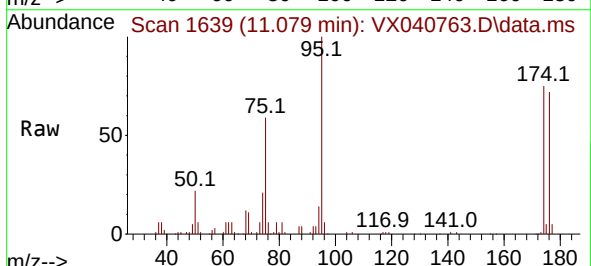
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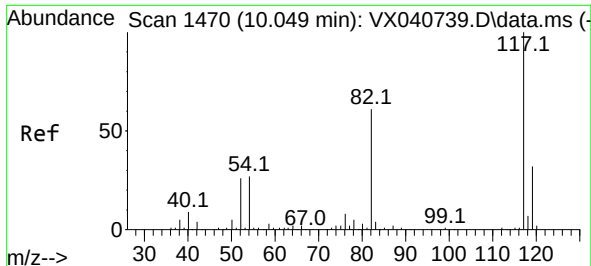
Tgt Ion: 98 Resp: 94253
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

Tgt Ion: 95 Resp: 34326
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 73.4 0.0 131.0

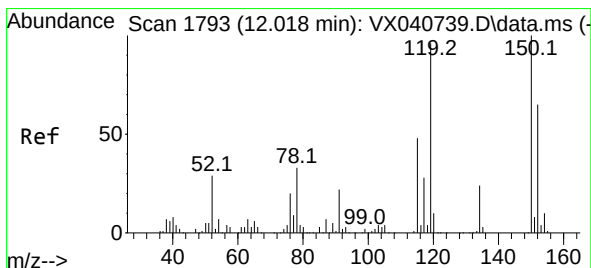
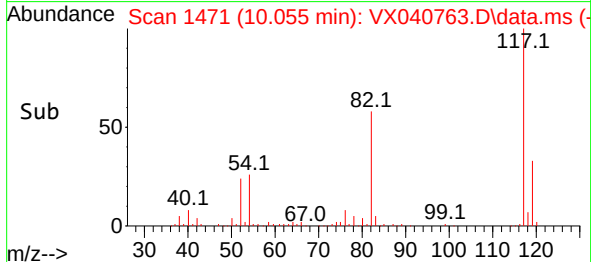
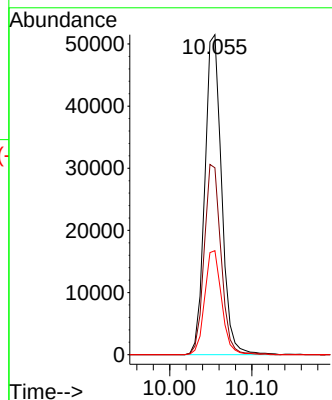
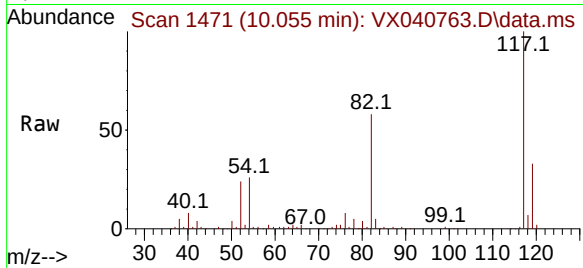




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040763.D
Acq: 21 Mar 2024 23:06

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#14

Tgt Ion:117 Resp: 73038
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.5 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: VX040763.D
Acq: 21 Mar 2024 23:06

Tgt Ion:152 Resp: 36822
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 159.2 0.0 345.0

