

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040750.D
 Acq On : 21 Mar 2024 18:09
 Operator : JC/MD
 Sample : PB159677ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#01

Quant Time: Mar 22 02:58:50 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)

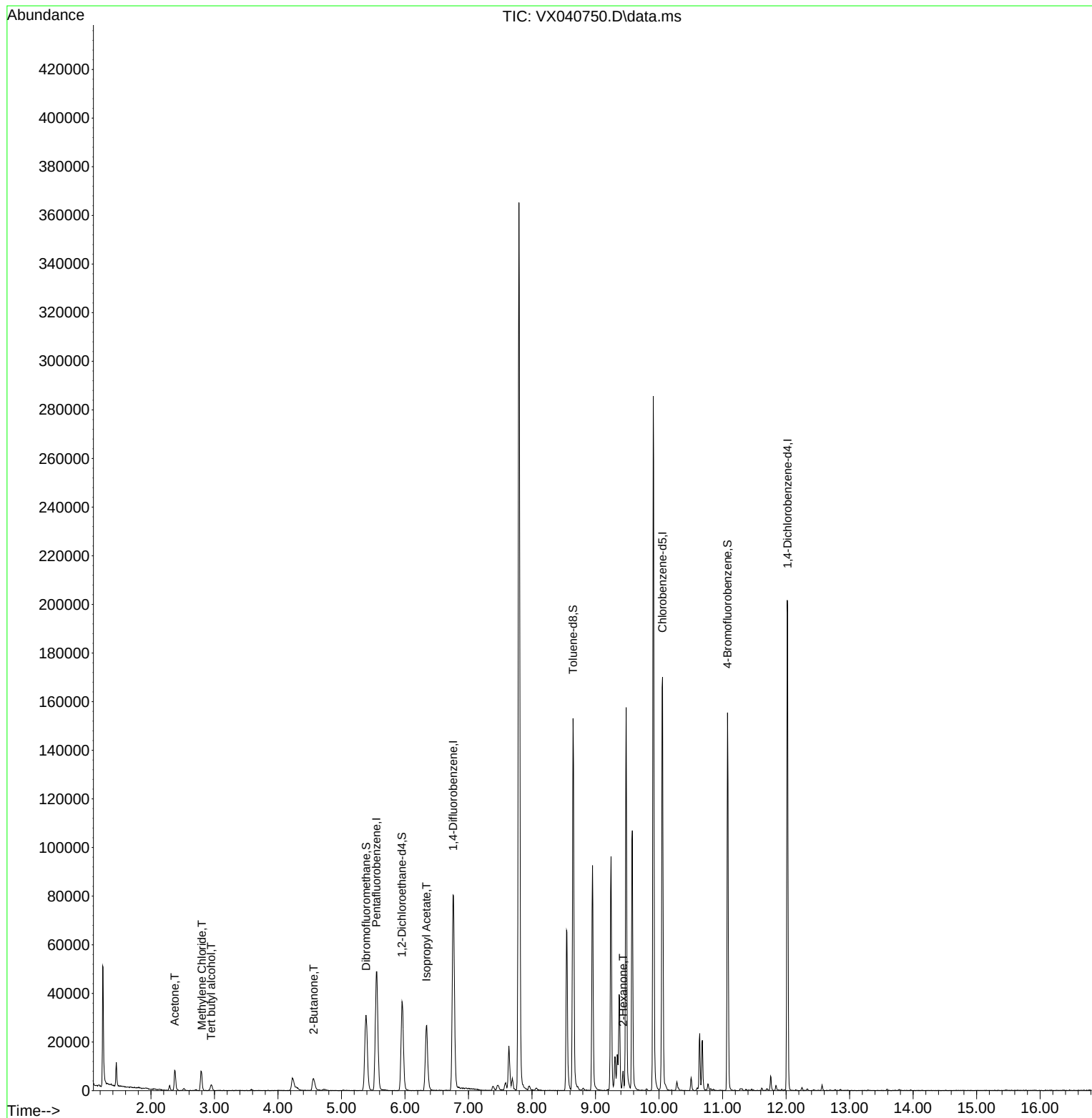
Internal Standards						
1) Pentafluorobenzene	5.549	168	44031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	77832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	72822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37190	50.232	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.460%		
35) Dibromofluoromethane	5.385	113	26632	45.729	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.460%		
50) Toluene-d8	8.646	98	87580	43.919	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 87.840%#		
62) 4-Bromofluorobenzene	11.079	95	38930	49.413	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.820%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.946	59	2539	21.416	ug/l	99
16) Acetone	2.373	43	9387	35.796	ug/l	97
20) Methylene Chloride	2.800	84	3534	6.165	ug/l	87
25) 2-Butanone	4.562	43	9560	23.275	ug/l	96
43) Isopropyl Acetate	6.336	43	38208	24.988	ug/l	97
59) 2-Hexanone	9.433	43	4470	6.085	ug/l	92

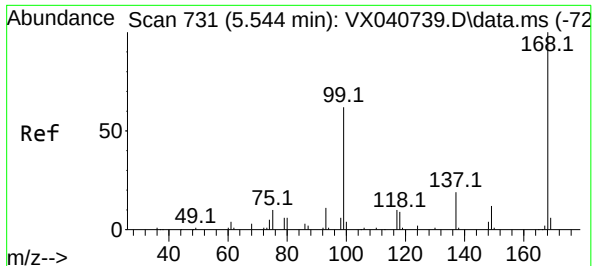
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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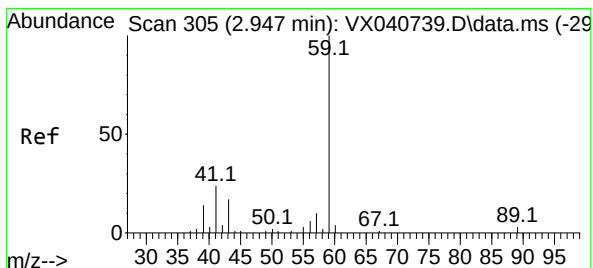
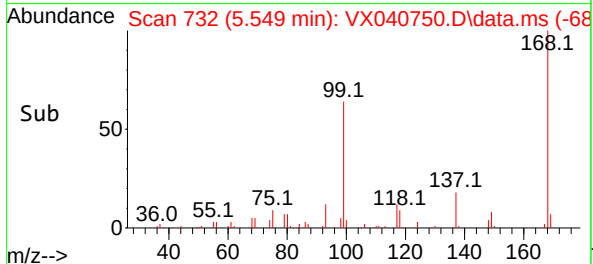
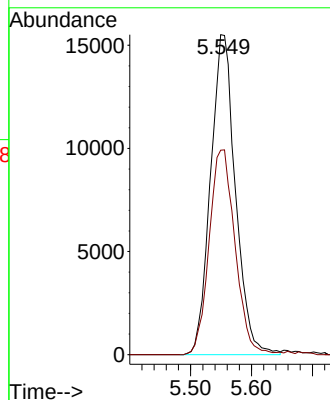
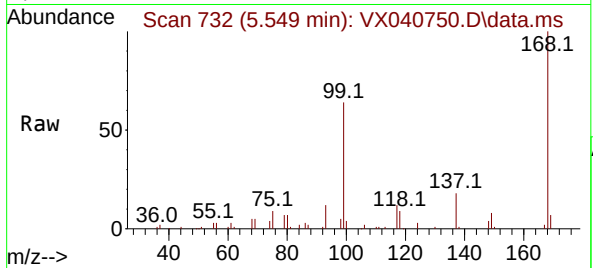




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

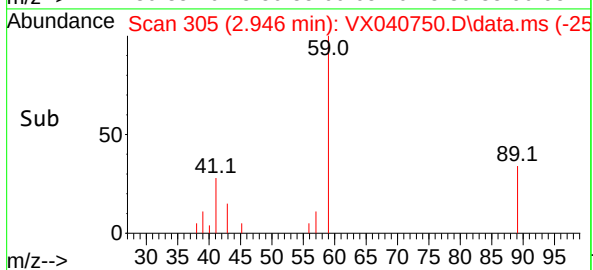
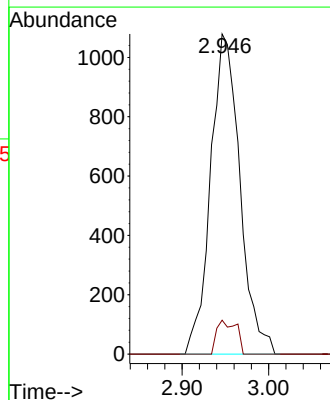
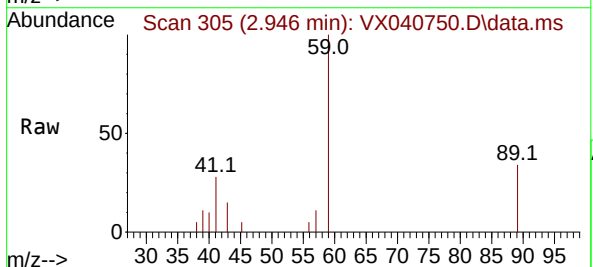
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#01

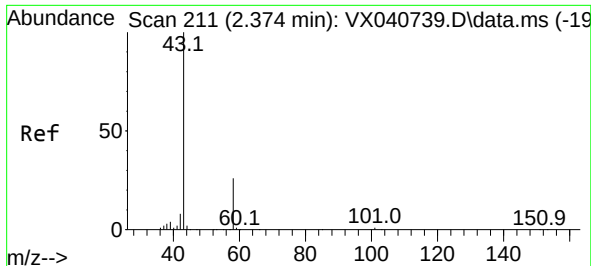
Tgt Ion:168 Resp: 44031
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 21.416 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.001 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion: 59 Resp: 2539
Ion Ratio Lower Upper
59 100
57 7.0 6.0 9.0

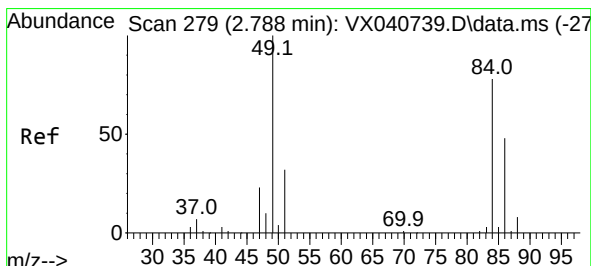
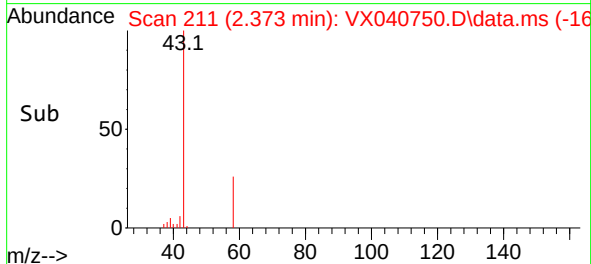
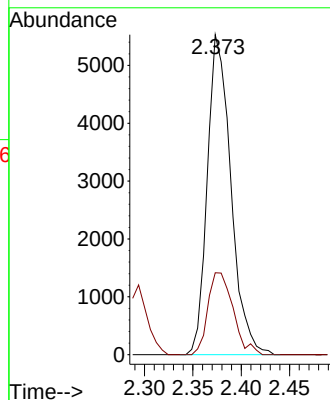
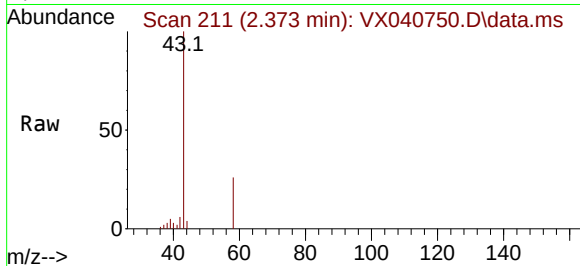




#16
Acetone
Concen: 35.796 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

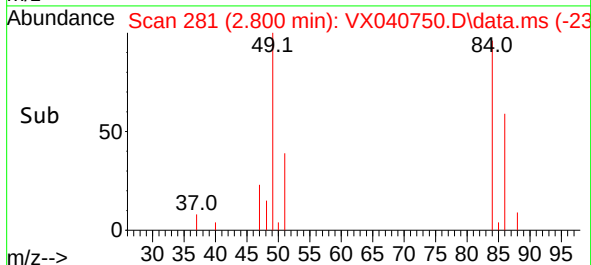
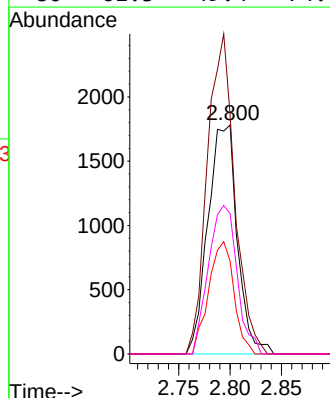
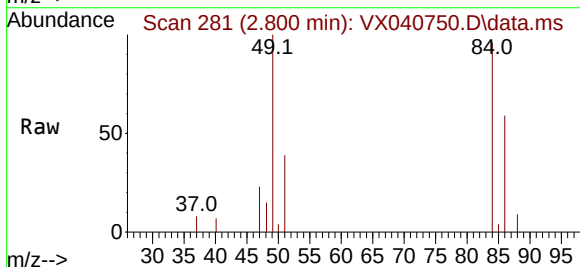
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#01

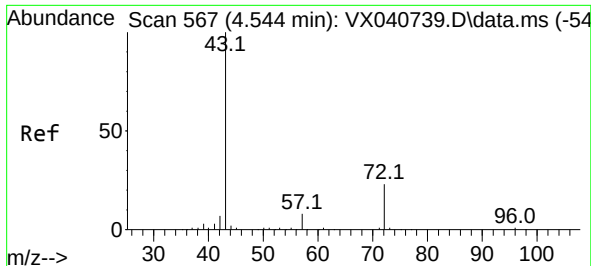
Tgt Ion: 43 Resp: 9387
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#20
Methylene Chloride
Concen: 6.165 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion: 84 Resp: 3534
Ion Ratio Lower Upper
84 100
49 104.3 103.6 155.4
51 40.5 33.8 50.6
86 61.3 49.4 74.0





#25

2-Butanone

Concen: 23.275 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040750.D

Acq: 21 Mar 2024 18:09

Instrument :

MSVOA_X

ClientSampleId :

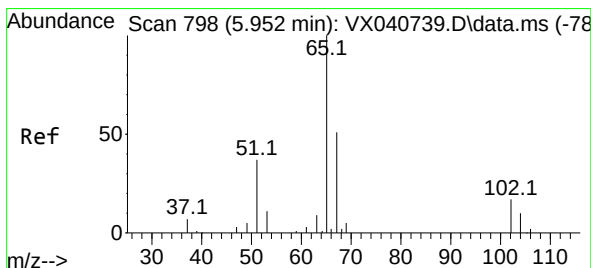
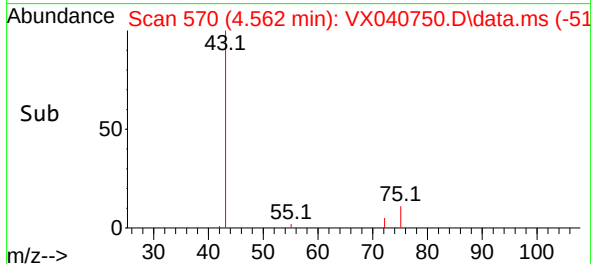
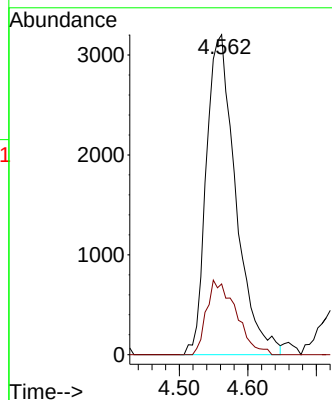
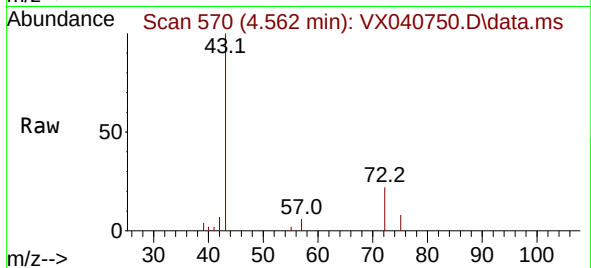
PB159677ZHE#01

Tgt Ion: 43 Resp: 9560

Ion Ratio Lower Upper

43 100

72 22.1 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 50.232 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040750.D

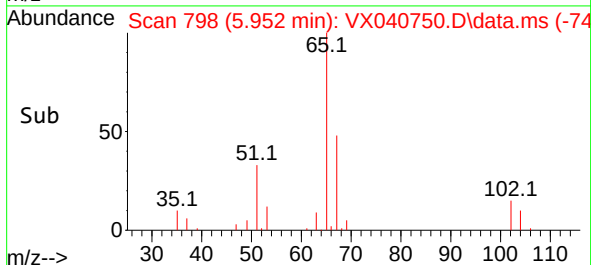
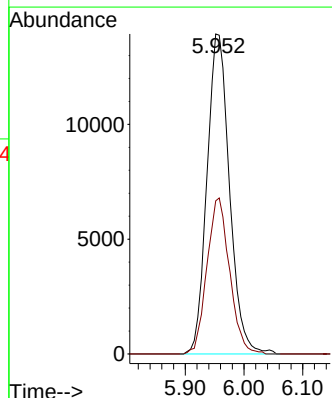
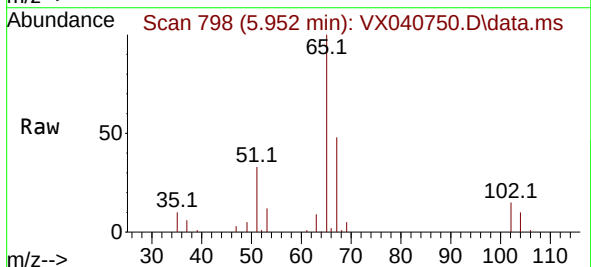
Acq: 21 Mar 2024 18:09

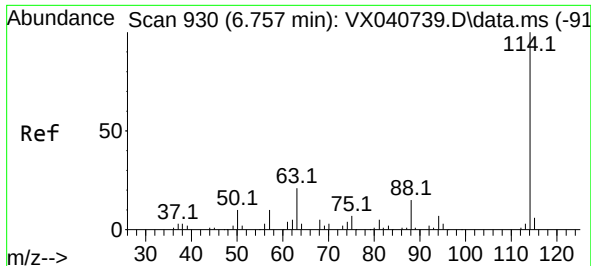
Tgt Ion: 65 Resp: 37190

Ion Ratio Lower Upper

65 100

67 48.9 0.0 100.2

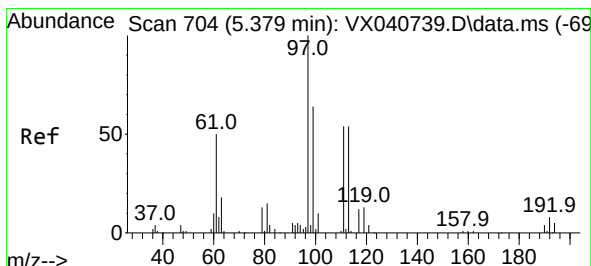
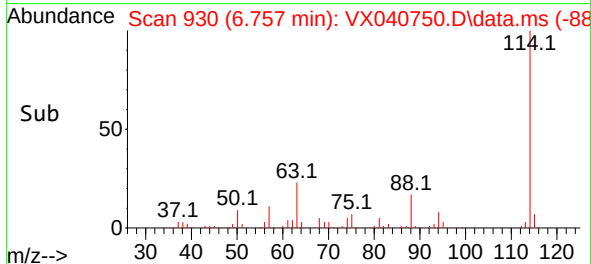
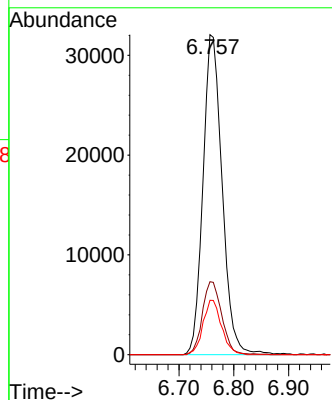
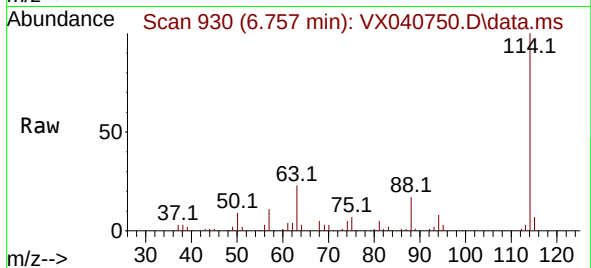




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

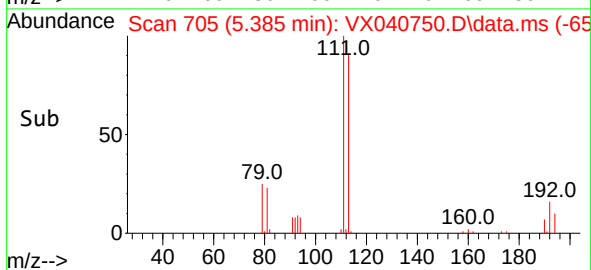
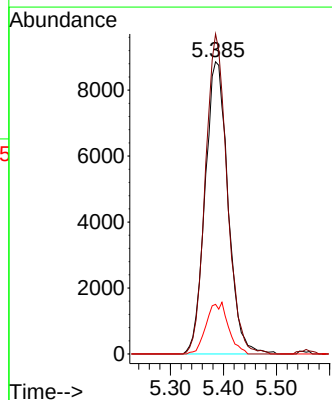
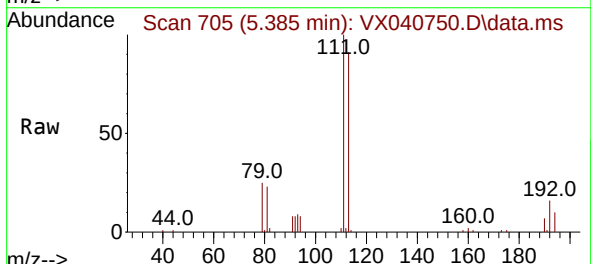
Instrument :
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PB159677ZHE#01

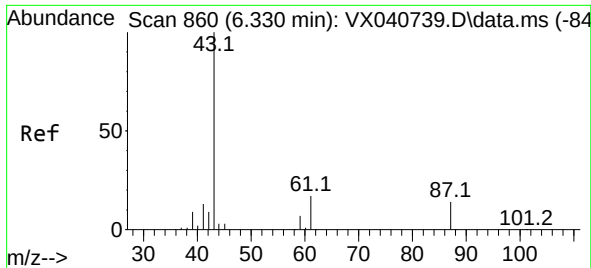
Tgt Ion:114 Resp: 77832
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.729 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion:113 Resp: 26632
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.9 13.3 19.9

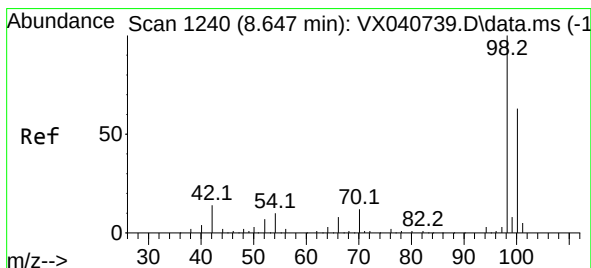
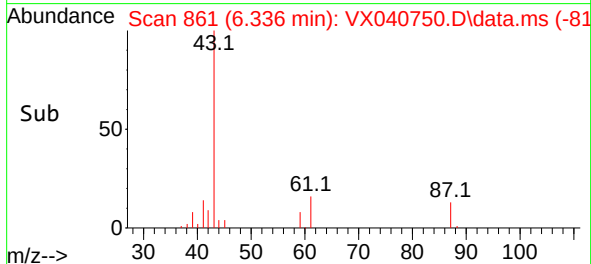
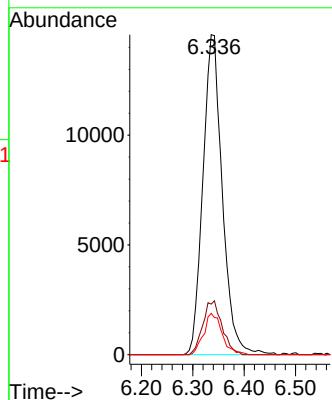
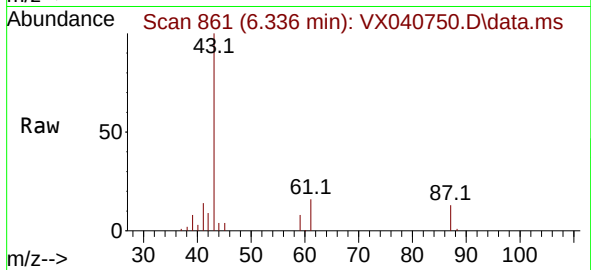




#43
Isopropyl Acetate
Concen: 24.988 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

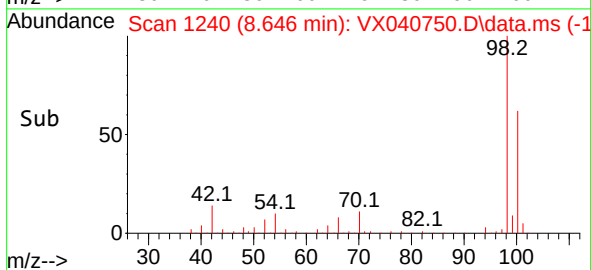
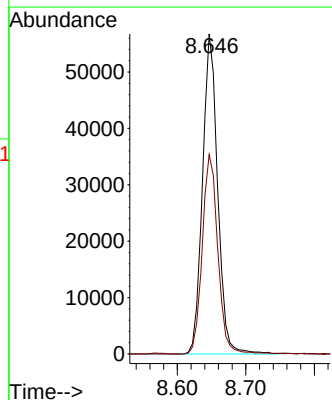
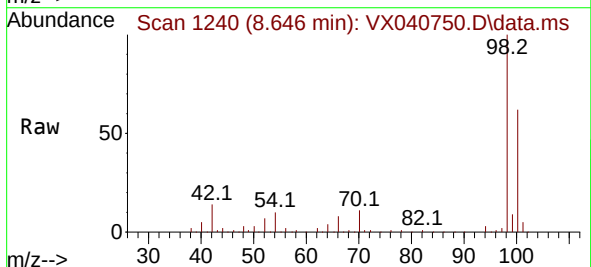
Instrument :
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PB159677ZHE#01

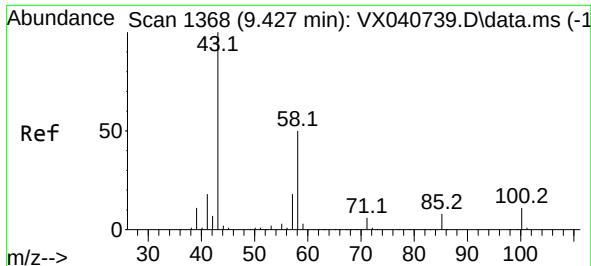
Tgt Ion: 43 Resp: 38208
Ion Ratio Lower Upper
43 100
61 16.7 15.2 22.8
87 12.2 9.8 14.6



#50
Toluene-d8
Concen: 43.919 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion: 98 Resp: 87580
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

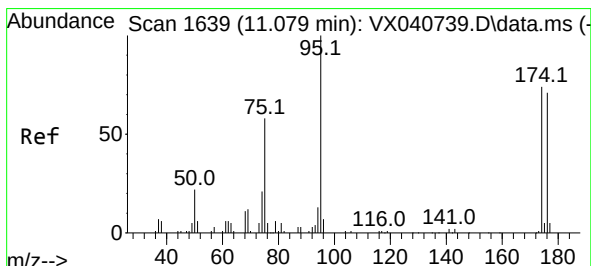
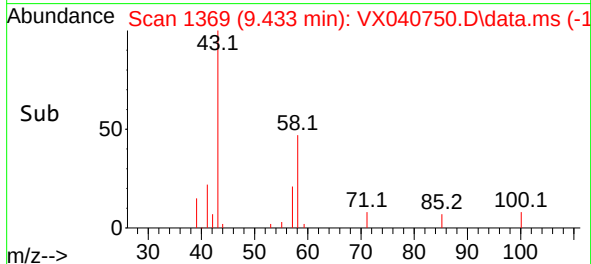
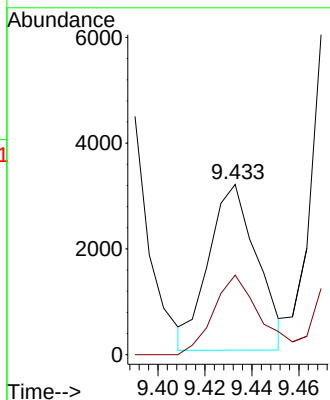
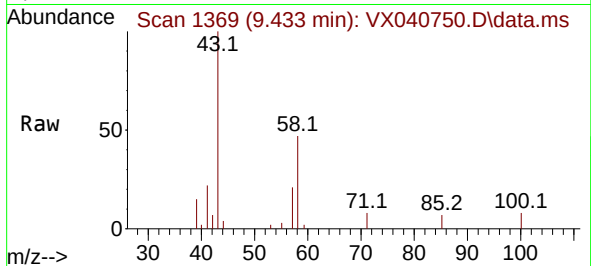




#59
2-Hexanone
Concen: 6.085 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

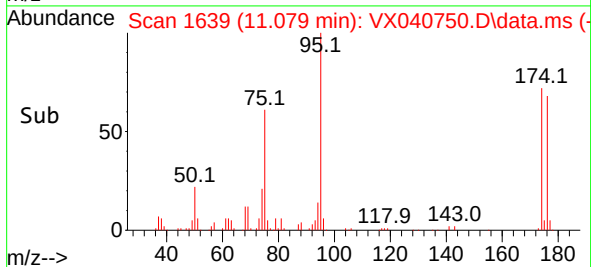
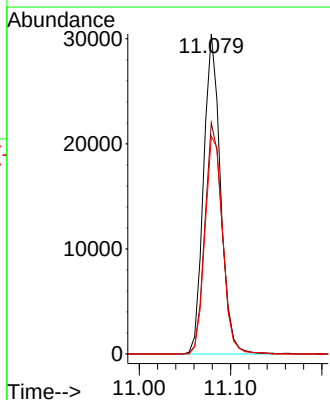
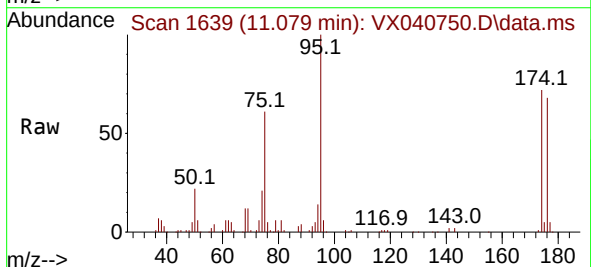
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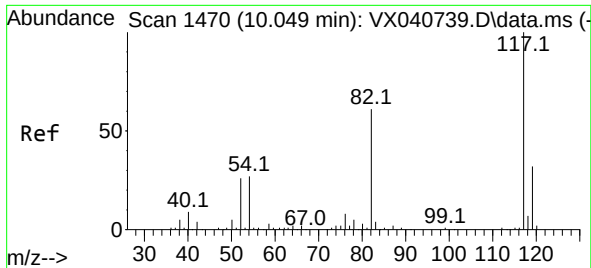
Tgt Ion: 43 Resp: 4470
Ion Ratio Lower Upper
43 100
58 46.6 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 49.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion: 95 Resp: 38930
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.8 0.0 131.0

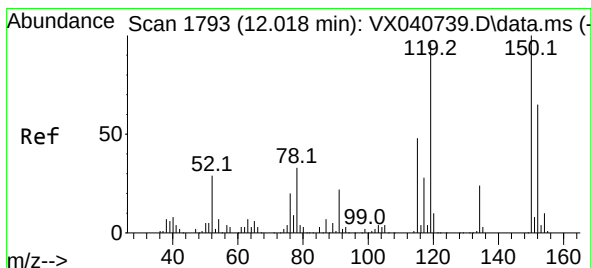
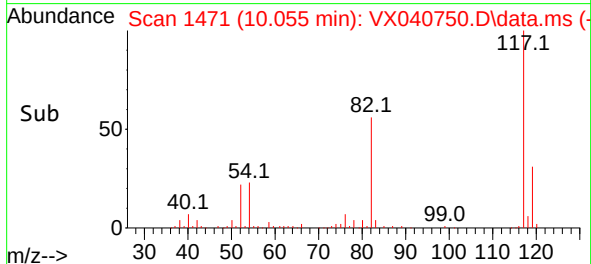
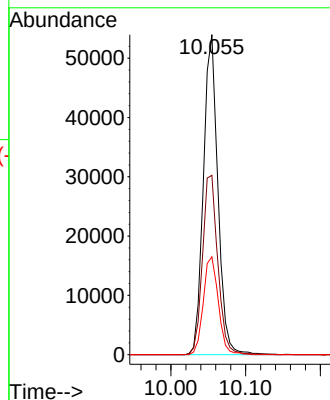
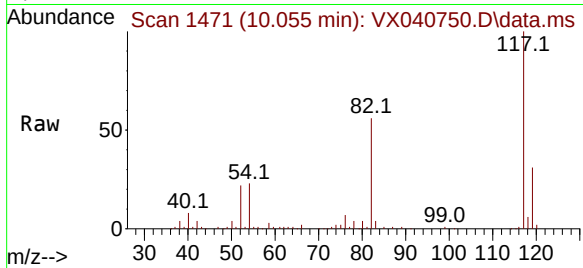




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#01

Tgt Ion:117 Resp: 72822
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040750.D
Acq: 21 Mar 2024 18:09

Tgt Ion:152 Resp: 39105
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 156.6 0.0 345.0

