

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039964.D
 Acq On : 25 Jan 2024 19:07
 Operator : JC/MD
 Sample : PB158617ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158617ZHE#02

Quant Time: Jan 26 01:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

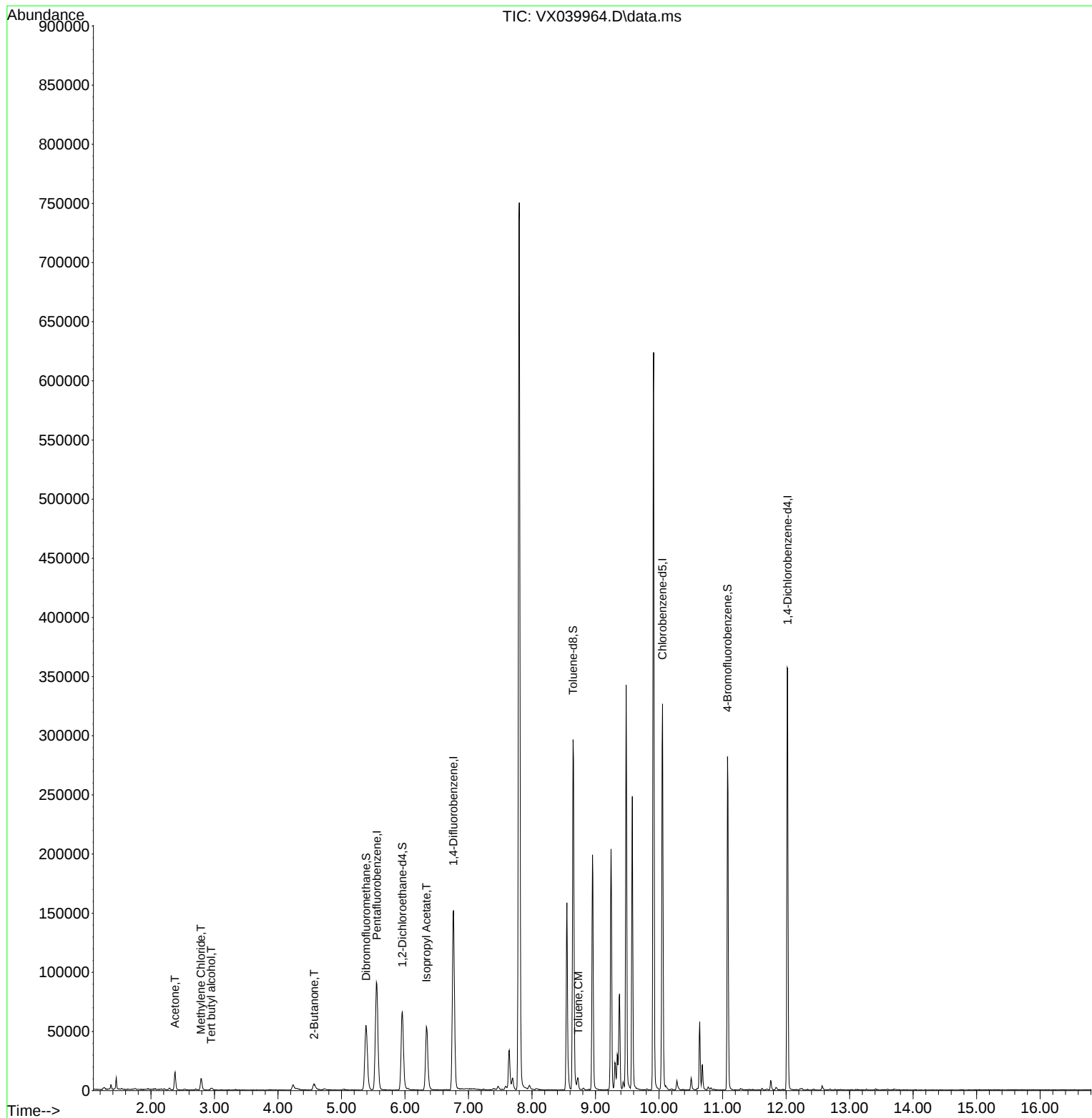
Internal Standards						
1) Pentafluorobenzene	5.556	168	80070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64076	47.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.540%
35) Dibromofluoromethane	5.385	113	47439	47.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.647	98	176501	47.058	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.079	95	74278	50.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1925	5.513	ug/l	99
16) Acetone	2.379	43	15441	20.470	ug/l	91
20) Methylene Chloride	2.788	84	4416	3.870	ug/l	89
25) 2-Butanone	4.568	43	9957	9.185	ug/l	99
43) Isopropyl Acetate	6.336	43	74316	24.532	ug/l	98
52) Toluene	8.726	92	3457	1.320	ug/l	98

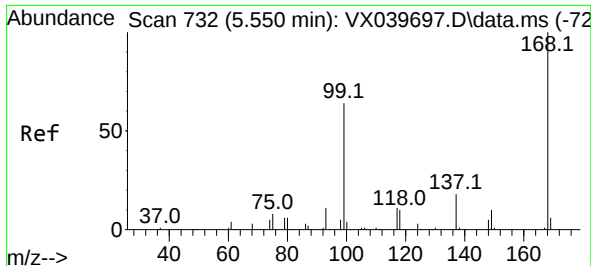
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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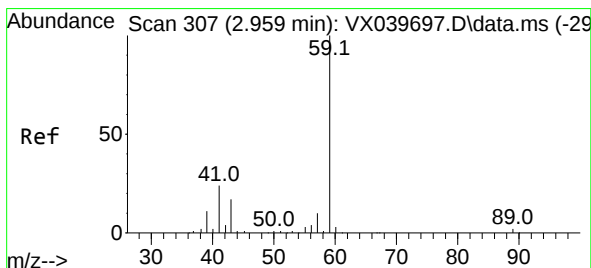
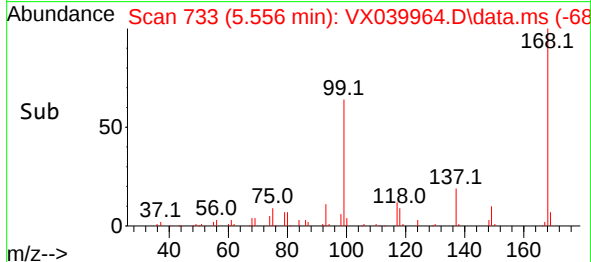
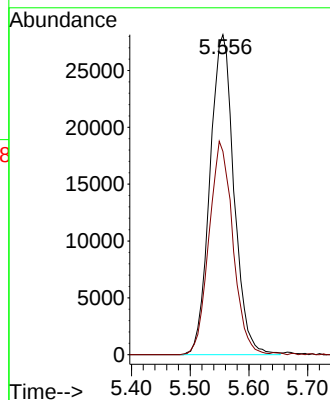
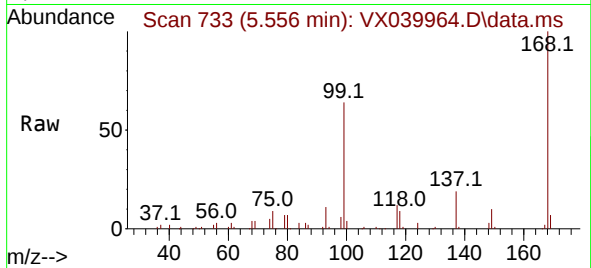




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

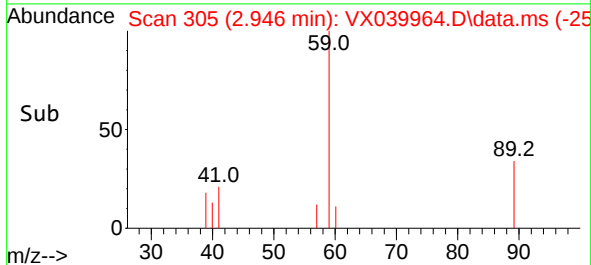
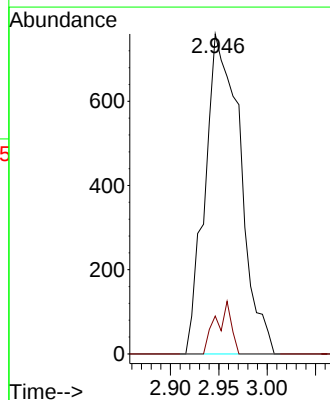
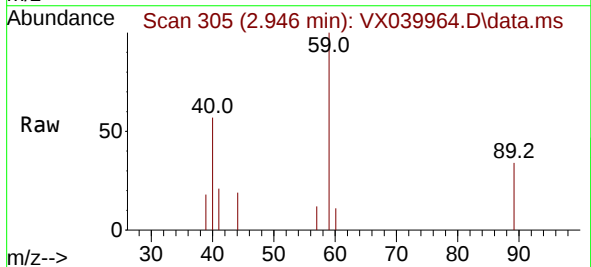
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#02

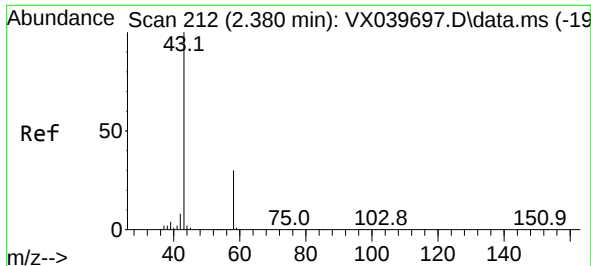
Tgt Ion:168 Resp: 80070
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 5.513 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion: 59 Resp: 1925
Ion Ratio Lower Upper
59 100
57 7.2 6.0 9.0

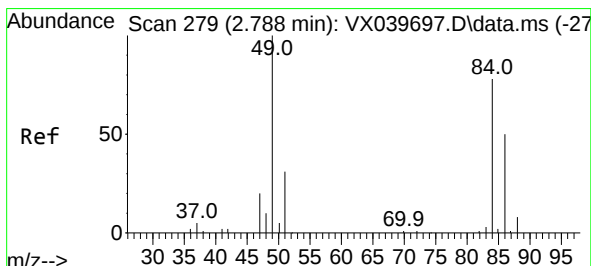
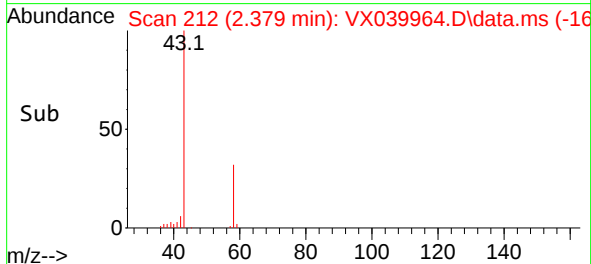
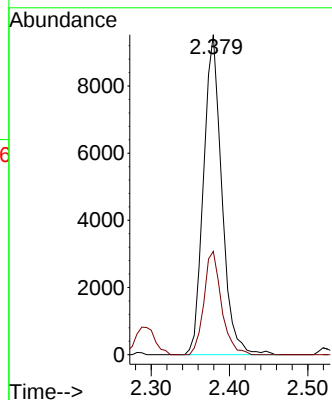
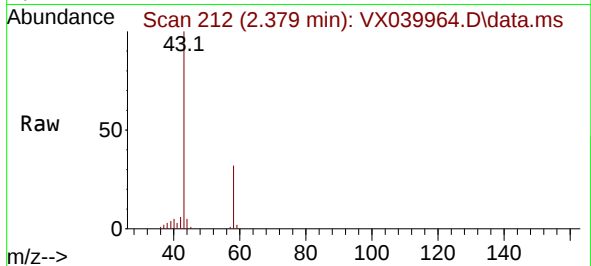




#16
Acetone
Concen: 20.470 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

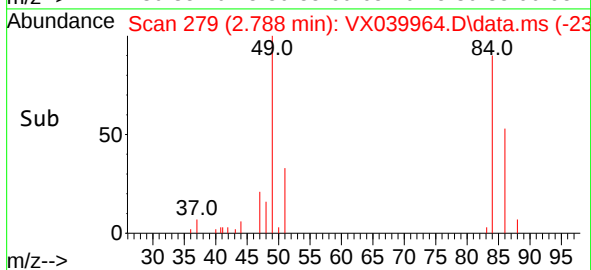
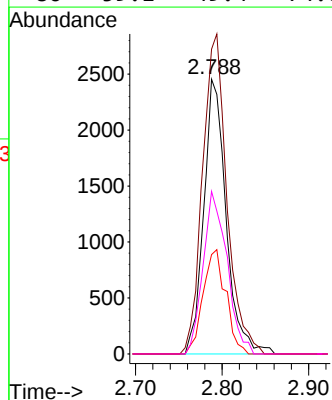
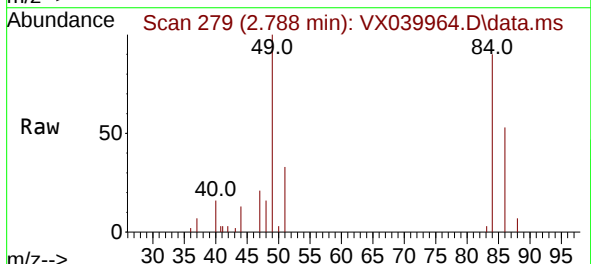
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#02

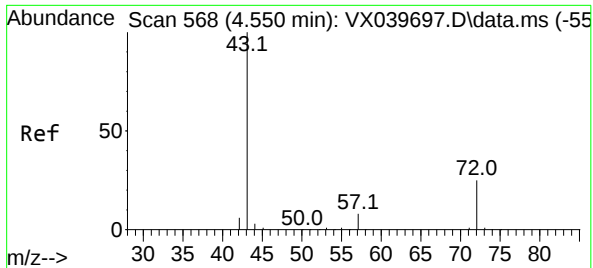
Tgt Ion: 43 Resp: 15441
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9



#20
Methylene Chloride
Concen: 3.870 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion: 84 Resp: 4416
Ion Ratio Lower Upper
84 100
49 110.9 103.6 155.4
51 36.2 33.8 50.6
86 59.1 49.4 74.0

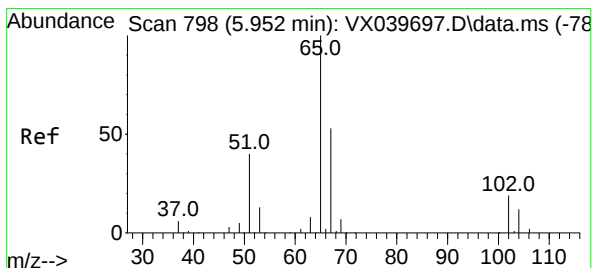
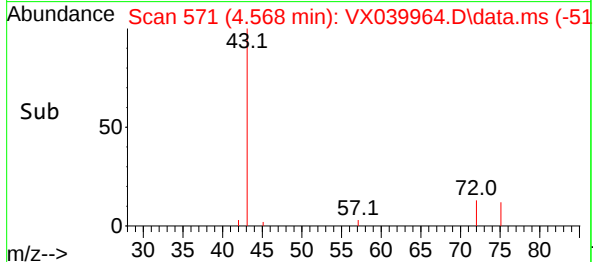
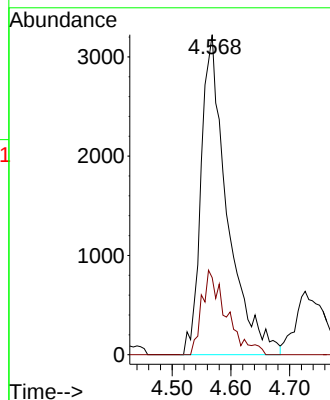
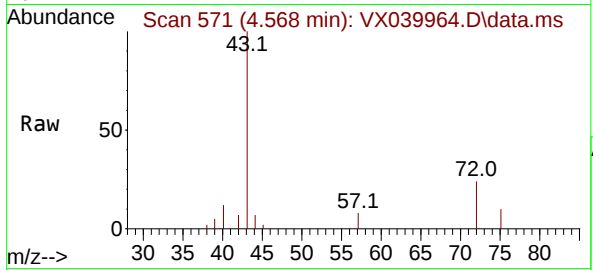




#25
2-Butanone
Concen: 9.185 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

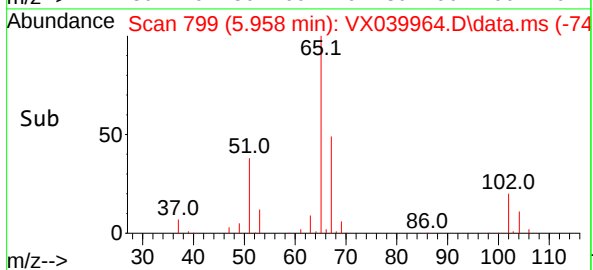
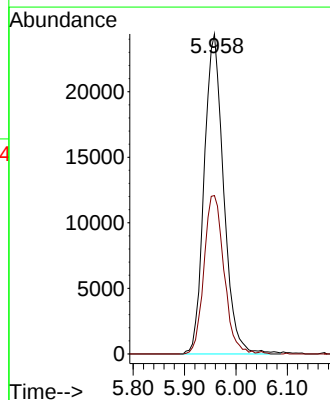
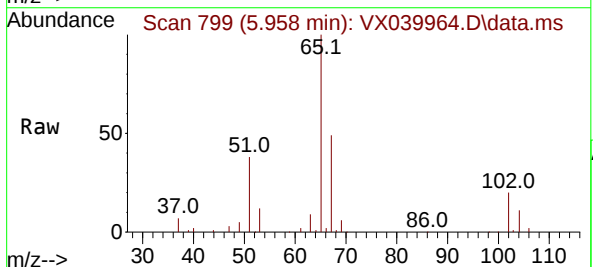
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#02

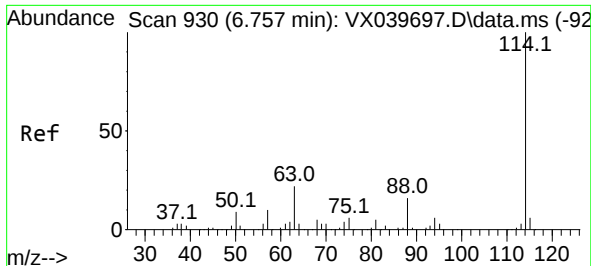
Tgt Ion: 43 Resp: 9957
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion: 65 Resp: 64076
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

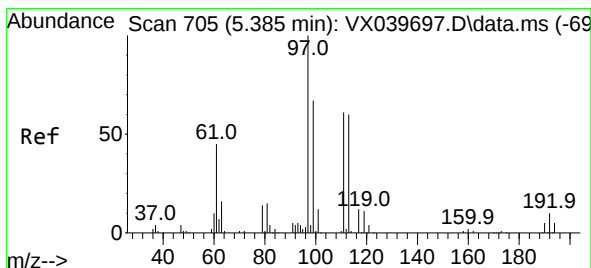
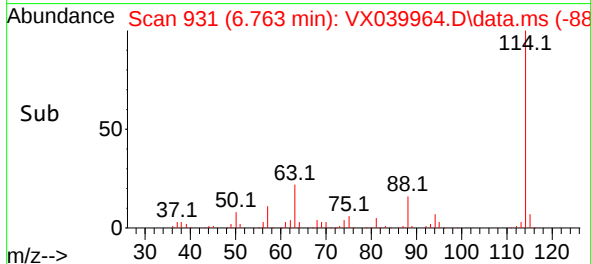
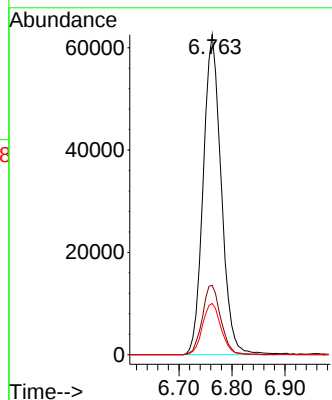
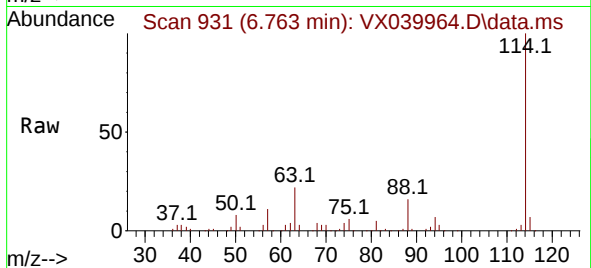




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

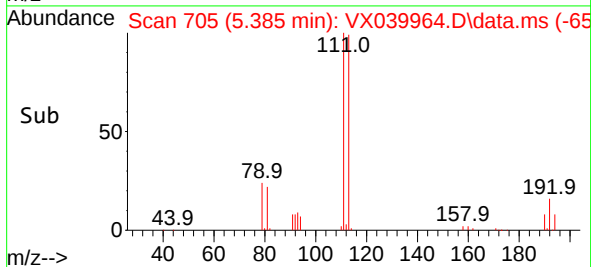
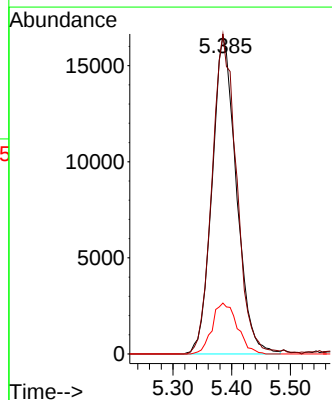
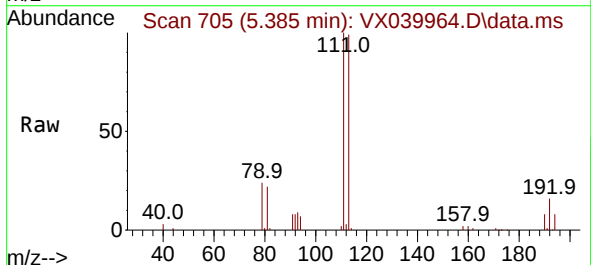
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#02

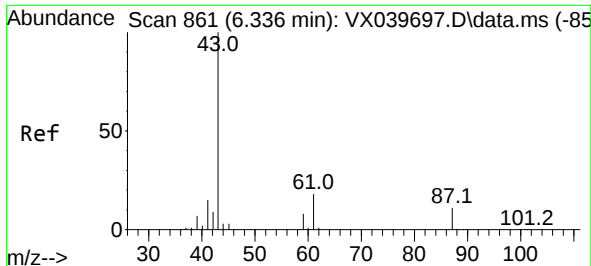
Tgt Ion:114 Resp: 147648
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.703 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion:113 Resp: 47439
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.6 13.3 19.9

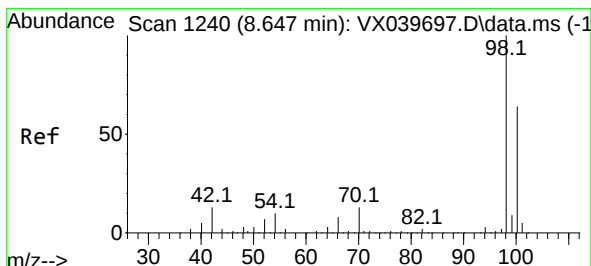
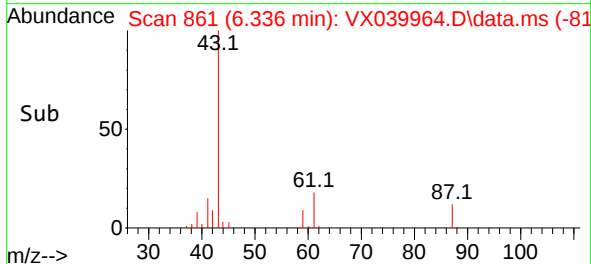
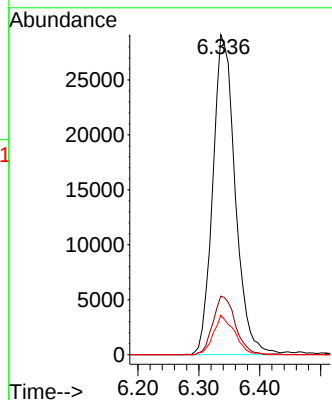
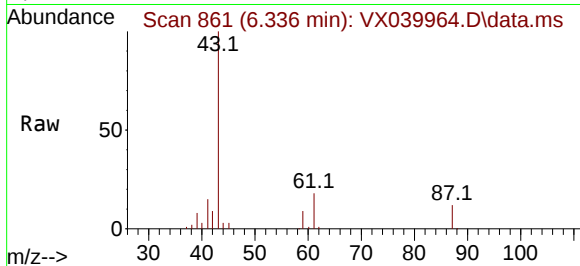




#43
Isopropyl Acetate
Concen: 24.532 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

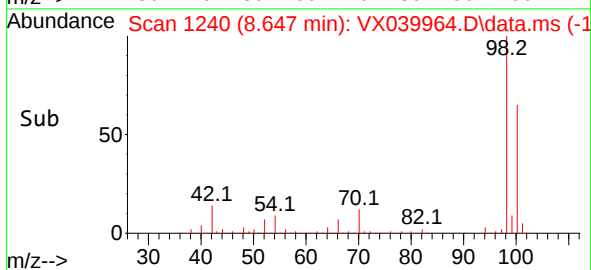
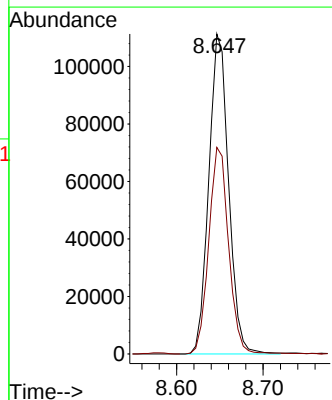
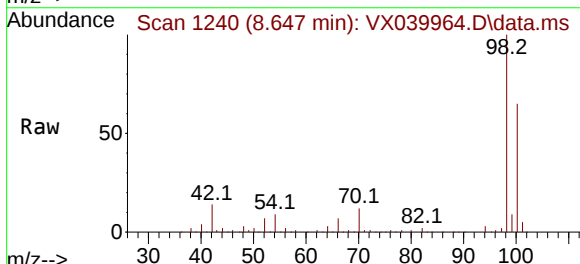
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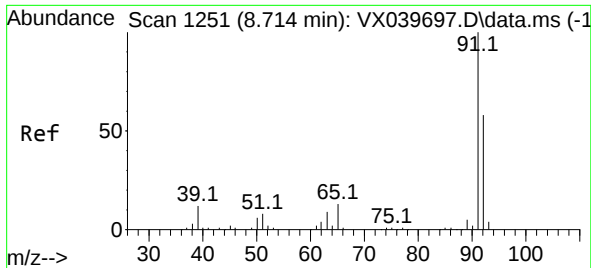
Tgt Ion: 43 Resp: 74316
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.6 9.8 14.6



#50
Toluene-d8
Concen: 47.058 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion: 98 Resp: 176501
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

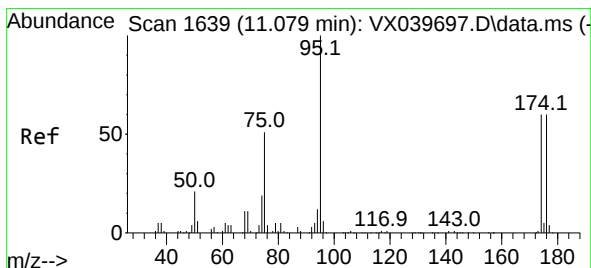
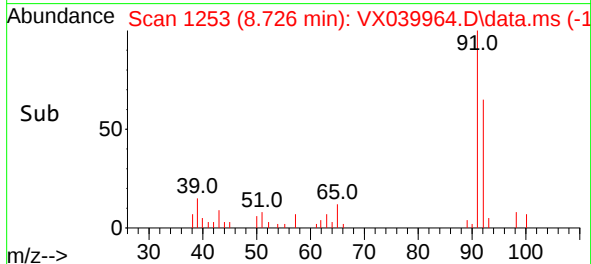
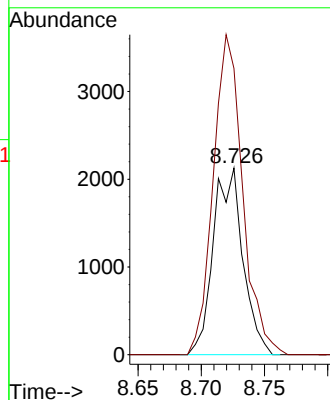
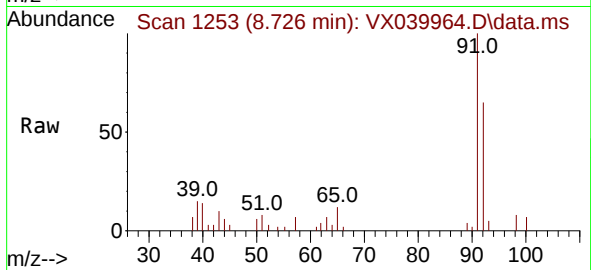




#52
Toluene
Concen: 1.320 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

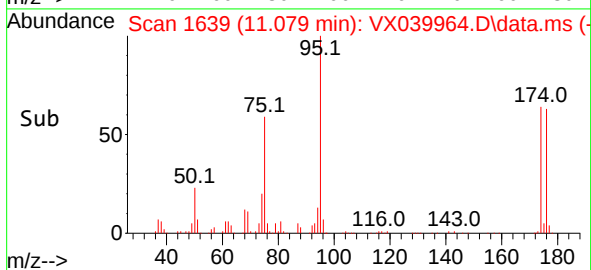
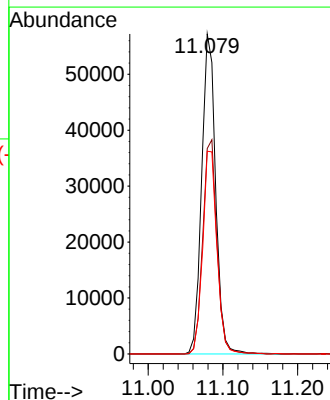
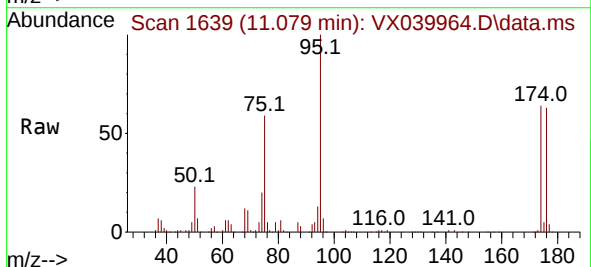
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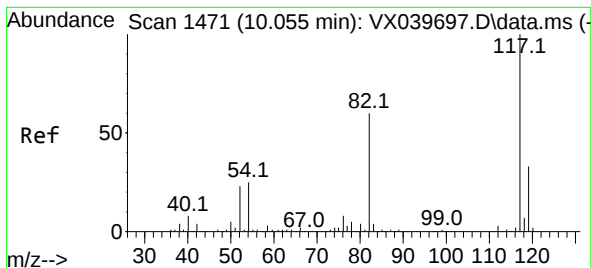
Tgt Ion: 92 Resp: 3457
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039964.D
Acq: 25 Jan 2024 19:07

Tgt Ion: 95 Resp: 74278
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 64.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039964.D

Acq: 25 Jan 2024 19:07

Instrument :

MSVOA_X

ClientSampleId :

PB158617ZHE#02

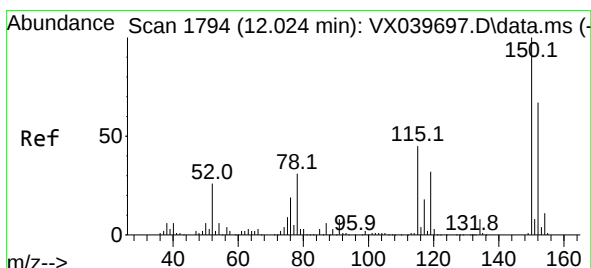
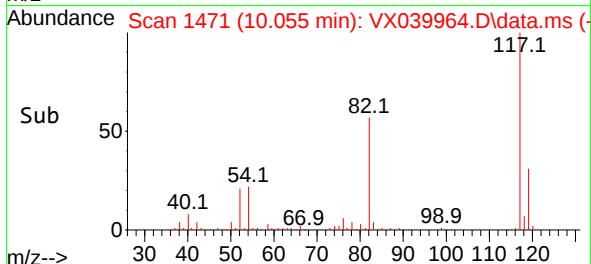
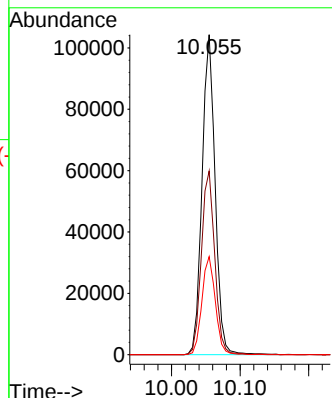
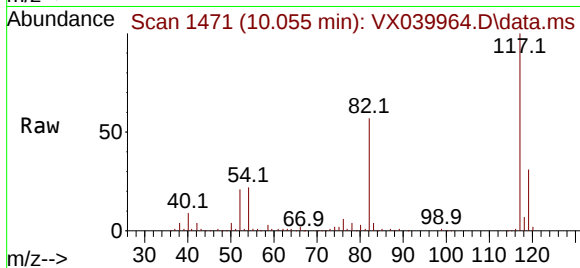
Tgt Ion:117 Resp: 138455

Ion Ratio Lower Upper

117 100

82 57.4 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. -0.000 min

Lab File: VX039964.D

Acq: 25 Jan 2024 19:07

Tgt Ion:152 Resp: 69637

Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 157.9 0.0 345.0

