

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039965.D
 Acq On : 25 Jan 2024 19:30
 Operator : JC/MD
 Sample : PB158617ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158617ZHE#03

Quant Time: Jan 26 01:40:14 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)

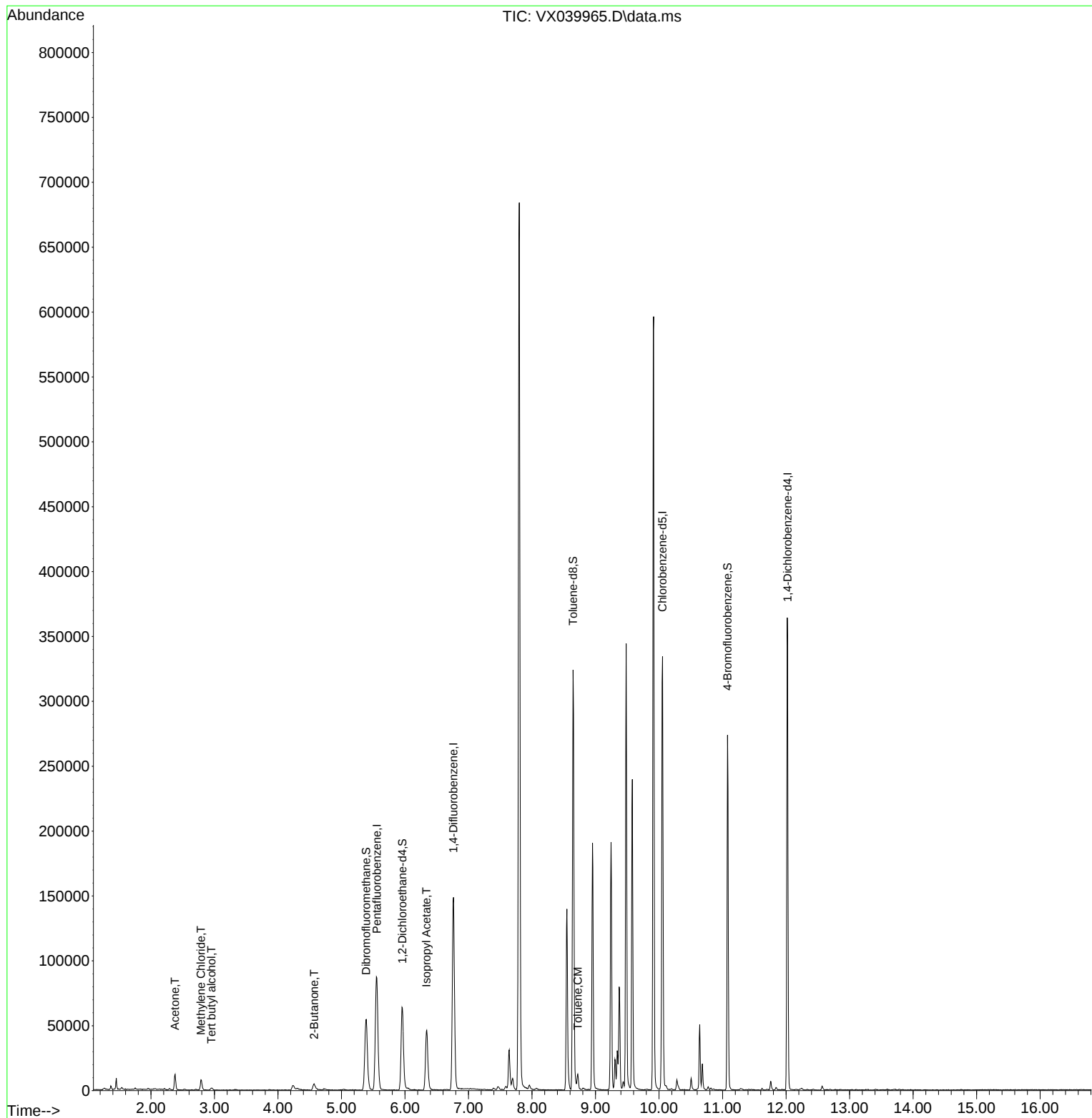
Internal Standards						
1) Pentafluorobenzene	5.556	168	78862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60380	45.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.385	113	47954	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	188356	50.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	71063	48.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1775	5.162	ug/l #	93
16) Acetone	2.379	43	12198	16.418	ug/l	95
20) Methylene Chloride	2.788	84	3434	3.056	ug/l	92
25) 2-Butanone	4.568	43	8494	7.956	ug/l	94
43) Isopropyl Acetate	6.336	43	65224	21.456	ug/l	99
52) Toluene	8.720	92	4269	1.625	ug/l	99

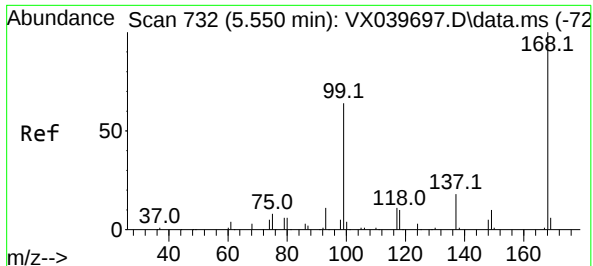
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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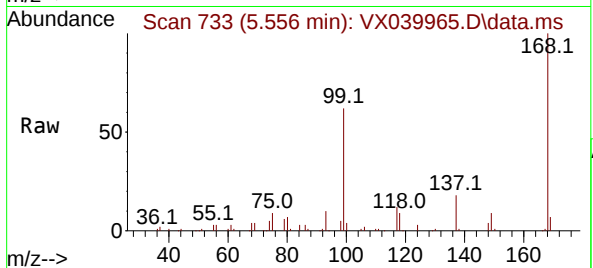
Quant Time: Jan 26 01:40:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



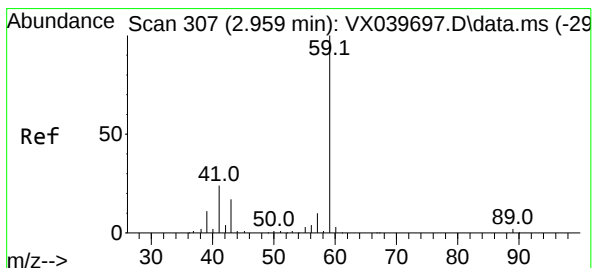
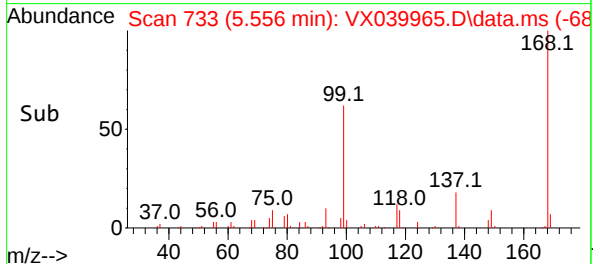
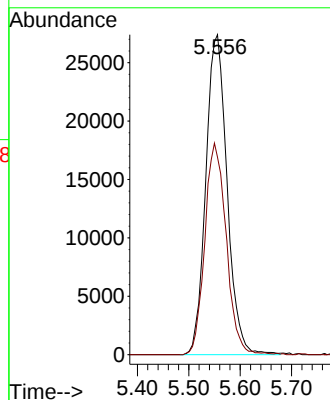


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#03

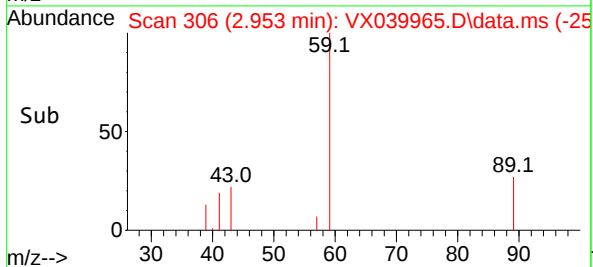
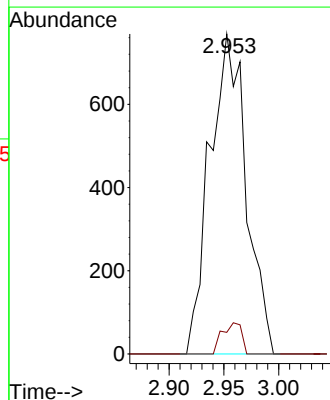
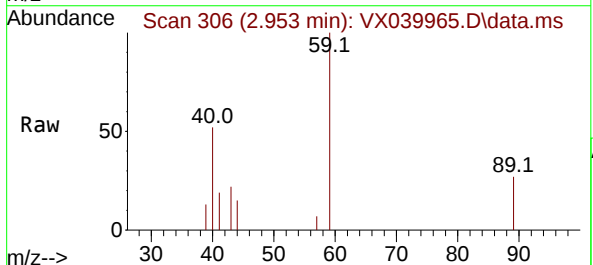


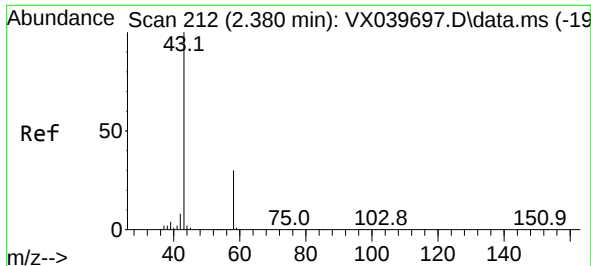
Tgt Ion:168 Resp: 78862
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 5.162 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion: 59 Resp: 1775
Ion Ratio Lower Upper
59 100
57 5.2 6.0 9.0#

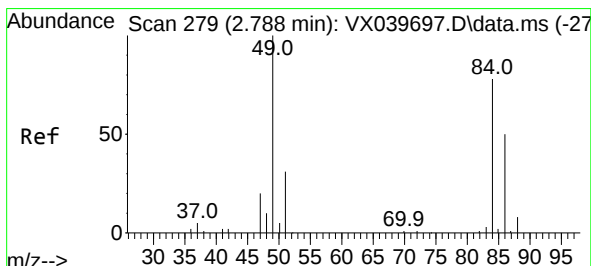
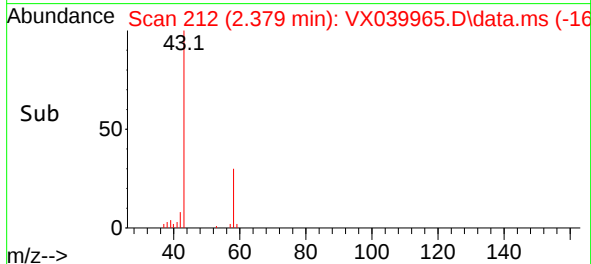
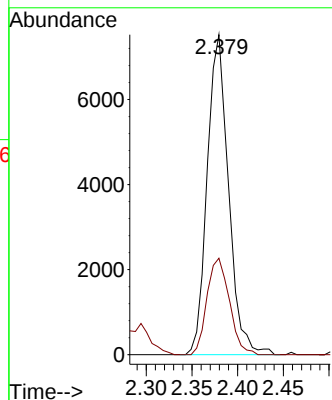
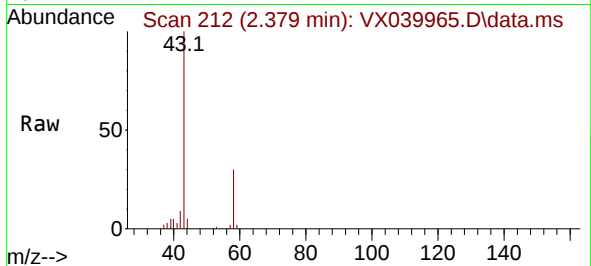




#16
Acetone
Concen: 16.418 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

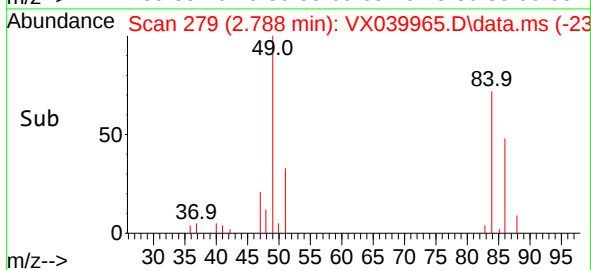
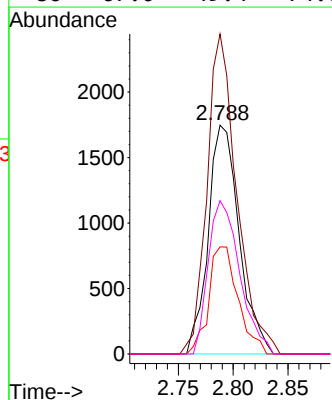
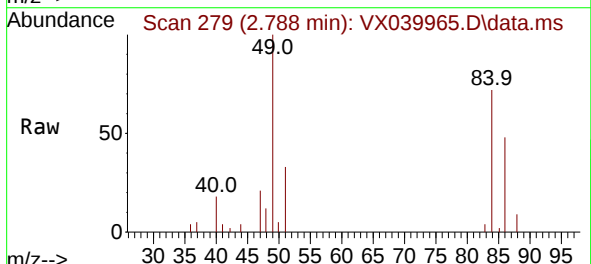
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#03

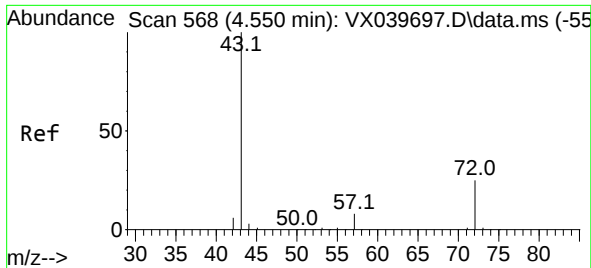
Tgt Ion: 43 Resp: 12198
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9



#20
Methylene Chloride
Concen: 3.056 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion: 84 Resp: 3434
Ion Ratio Lower Upper
84 100
49 139.8 103.6 155.4
51 46.8 33.8 50.6
86 67.0 49.4 74.0

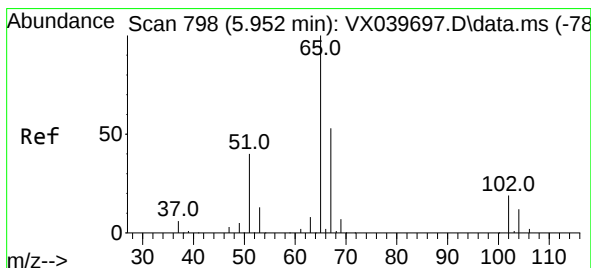
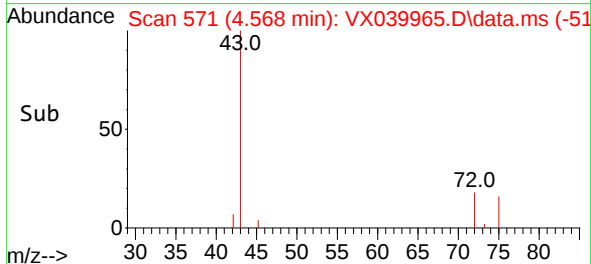
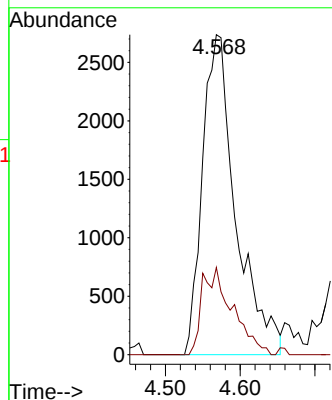
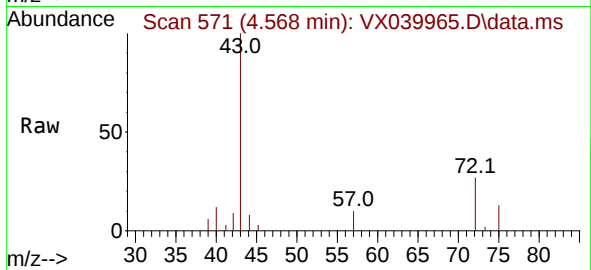




#25
2-Butanone
Concen: 7.956 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

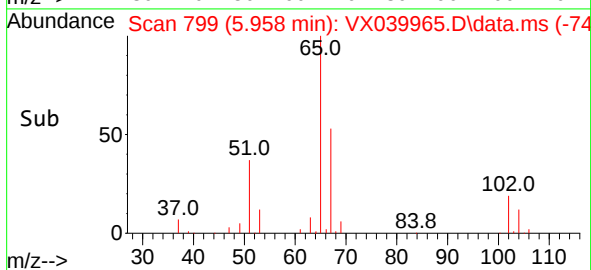
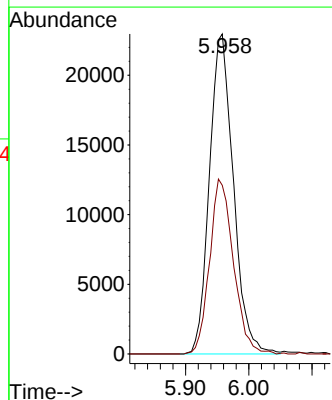
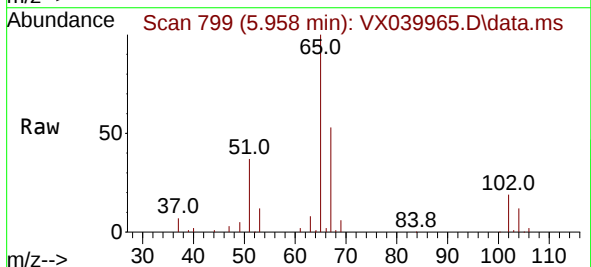
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#03

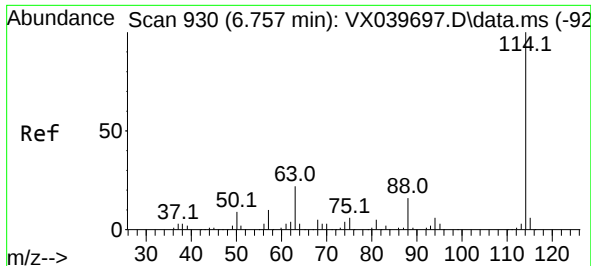
Tgt Ion: 43 Resp: 8494
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.706 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion: 65 Resp: 60380
Ion Ratio Lower Upper
65 100
67 54.5 0.0 100.2

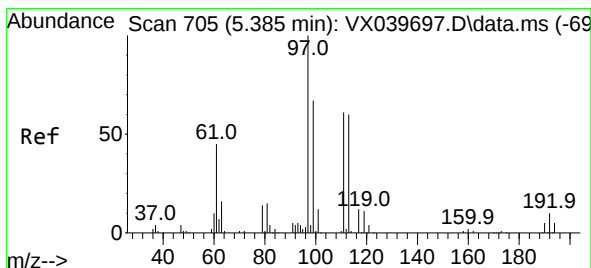
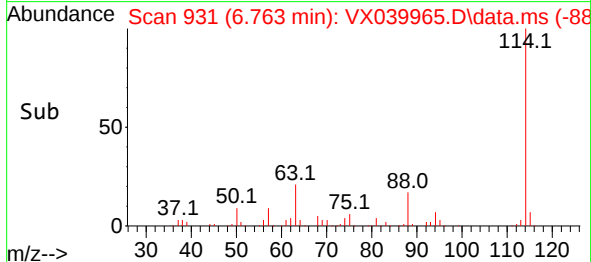
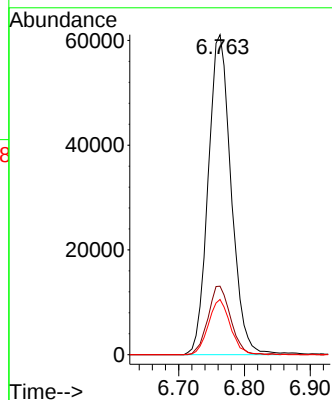
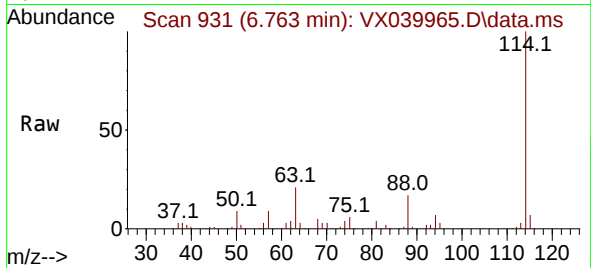




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

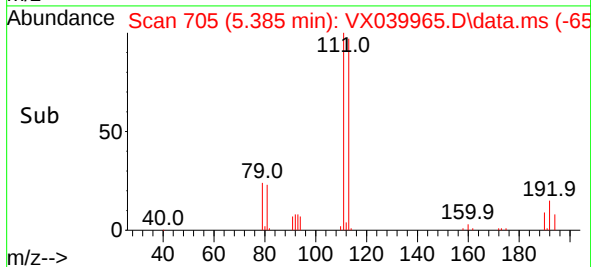
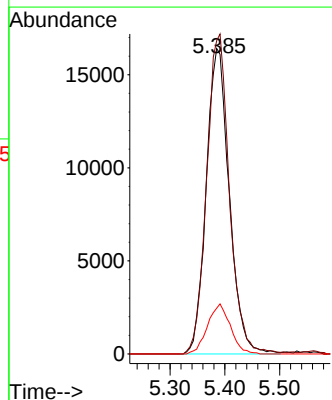
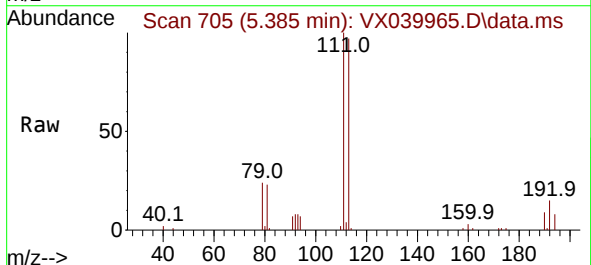
Instrument :
MSVOA_X
ClientSampleId :
PB158617ZHE#03

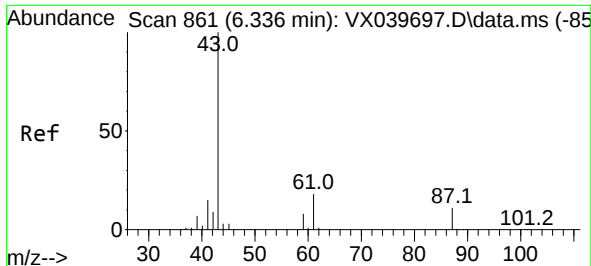
Tgt Ion:114 Resp: 148160
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion:113 Resp: 47954
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.3 13.3 19.9

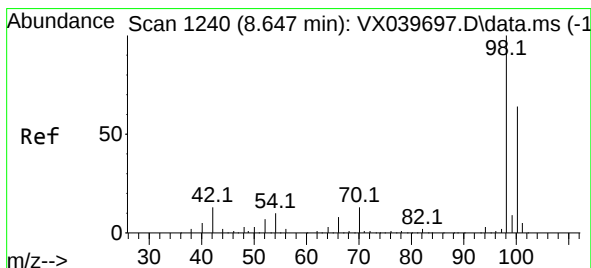
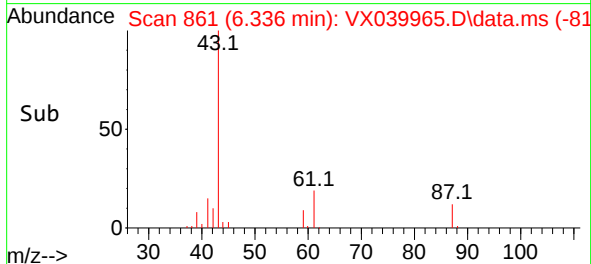
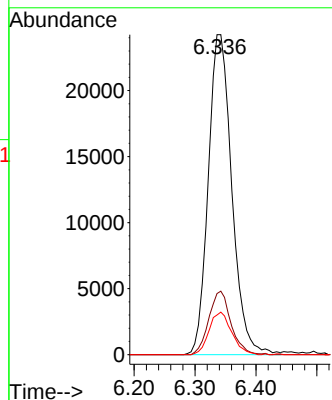
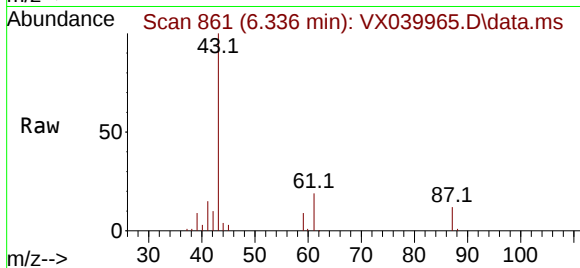




#43
Isopropyl Acetate
Concen: 21.456 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

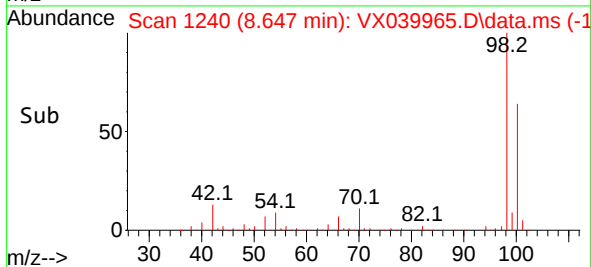
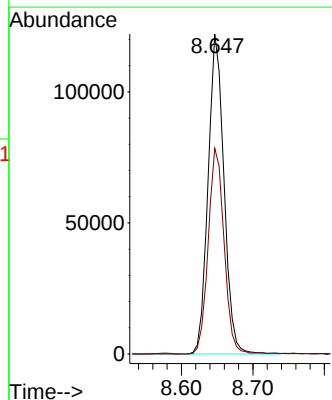
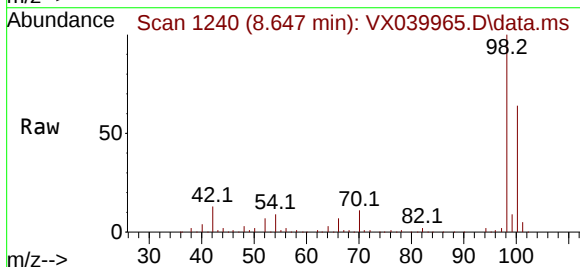
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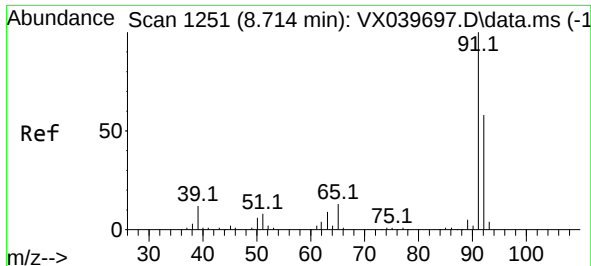
Tgt Ion: 43 Resp: 65224
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.7 9.8 14.6



#50
Toluene-d8
Concen: 50.045 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion: 98 Resp: 188356
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

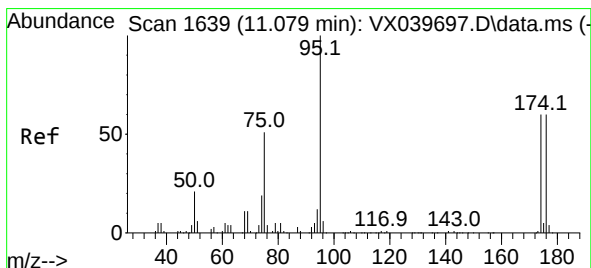
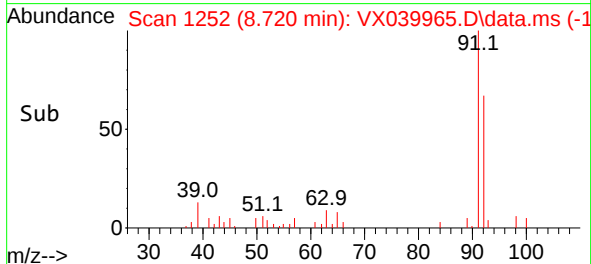
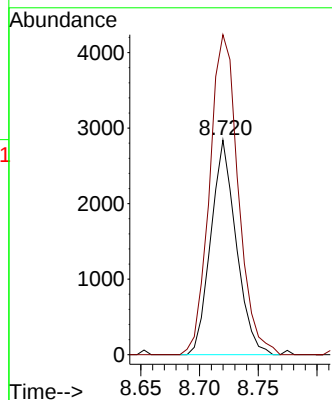
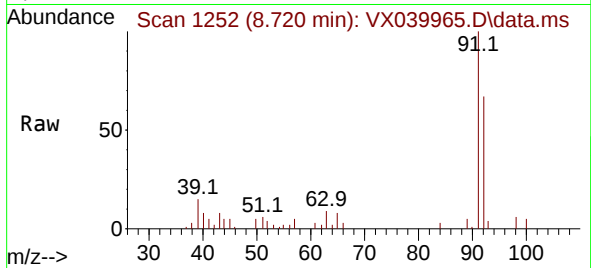




#52
Toluene
Concen: 1.625 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

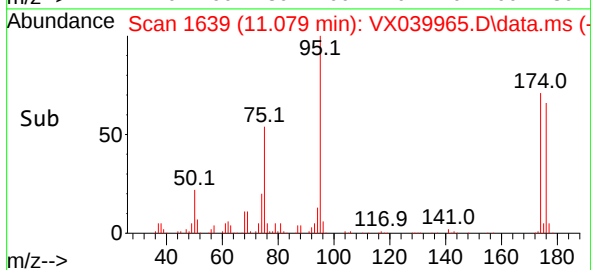
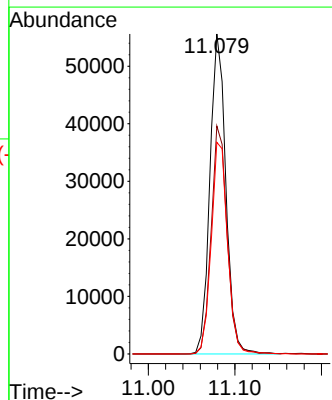
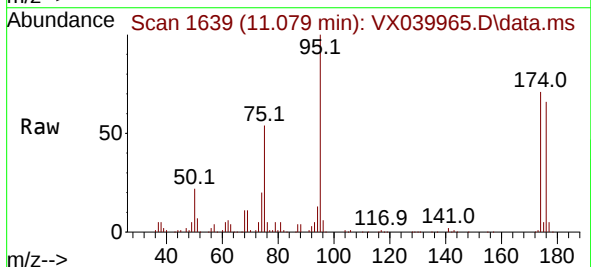
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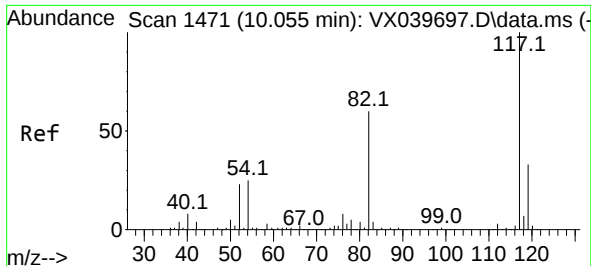
Tgt Ion: 92 Resp: 4269
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion: 95 Resp: 71063
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.7 0.0 131.0

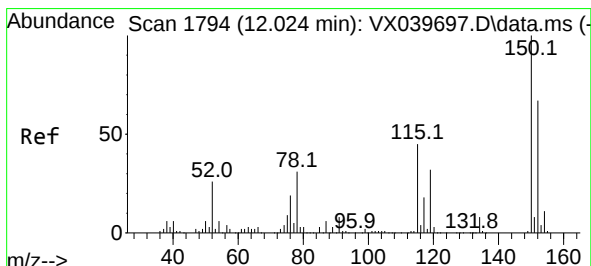
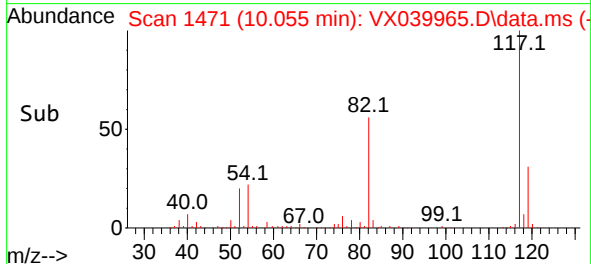
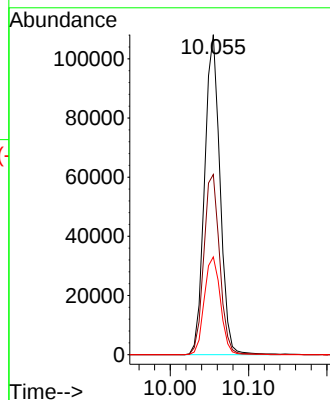
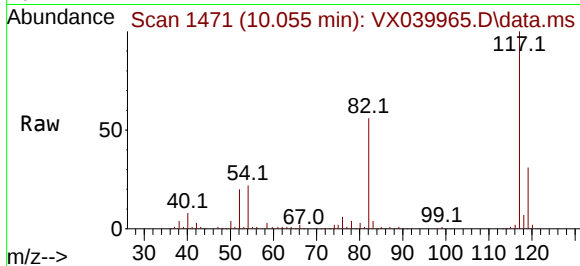




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039965.D
Acq: 25 Jan 2024 19:30

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 147550
Ion Ratio Lower Upper
117 100
82 56.3 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: VX039965.D
Acq: 25 Jan 2024 19:30

Tgt Ion:152 Resp: 70223
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.6 0.0 345.0

