

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044939.D
 Acq On : 12 Feb 2025 17:30
 Operator : JC/MD
 Sample : PB166691TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166691TB

Quant Time: Feb 13 00:52:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

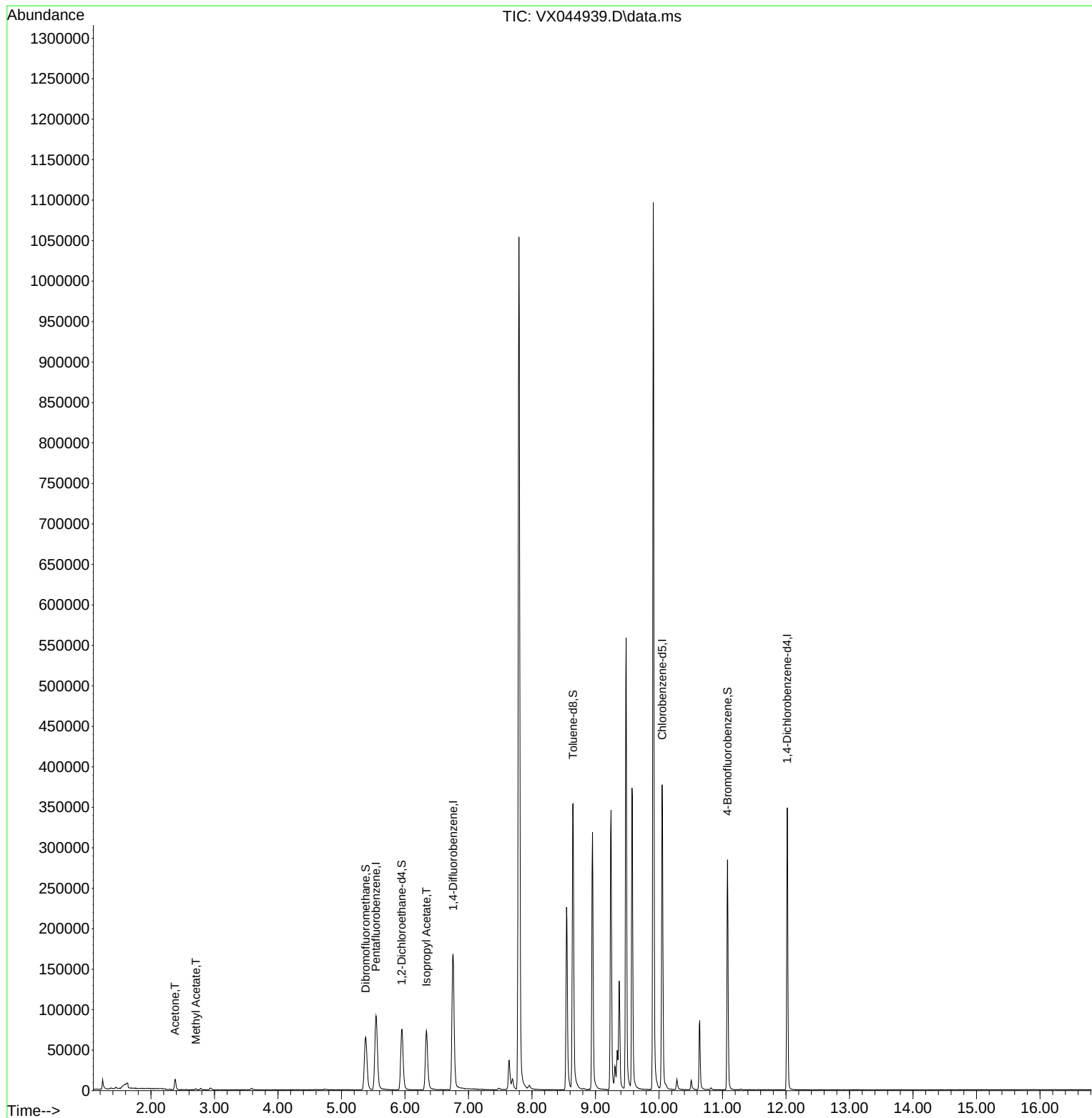
Internal Standards						
1) Pentafluorobenzene	5.544	168	87671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	165182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71535	55.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.480%
35) Dibromofluoromethane	5.379	113	60041	50.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	8.647	98	221614	49.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	76306	50.516	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.040%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	14181	27.487	ug/l	97
18) Methyl Acetate	2.709	43	1769	1.087	ug/l #	81
43) Isopropyl Acetate	6.336	43	105213	34.264	ug/l	98

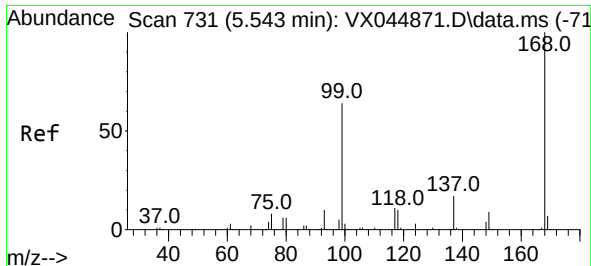
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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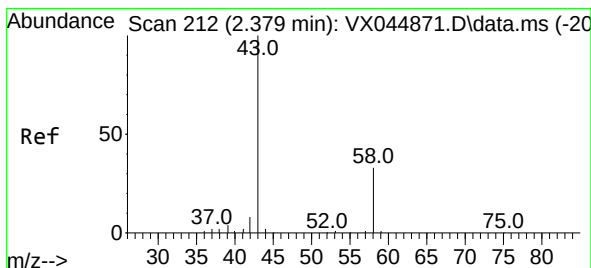
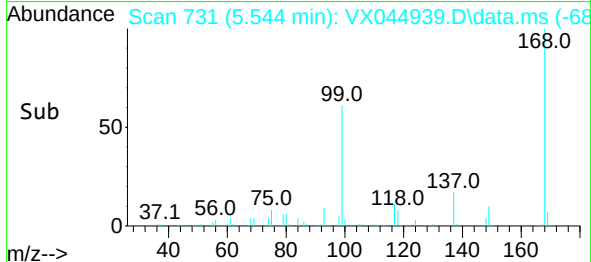
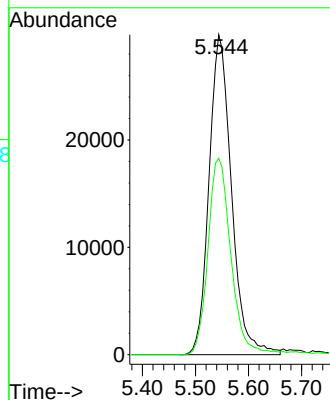
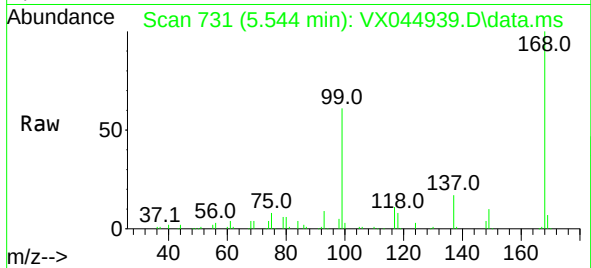




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

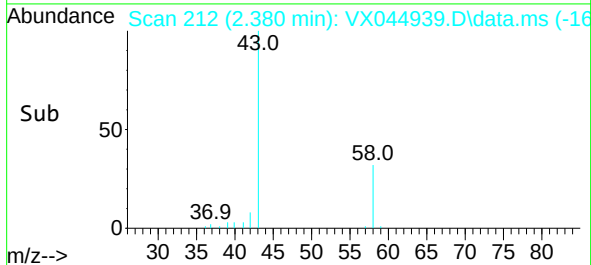
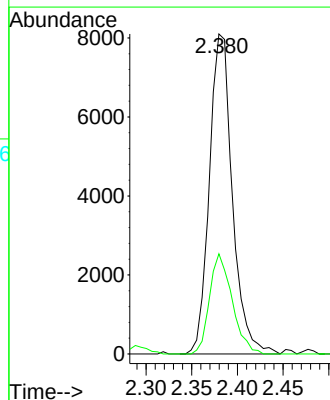
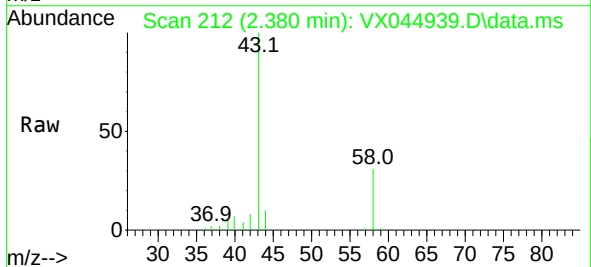
Instrument :
MSVOA_X
ClientSampleId :
PB166691TB

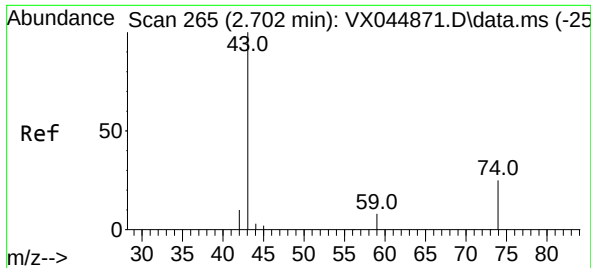
Tgt Ion:168 Resp: 87671
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8



#16
Acetone
Concen: 27.487 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

Tgt Ion: 43 Resp: 14181
Ion Ratio Lower Upper
43 100
58 31.3 26.5 39.7

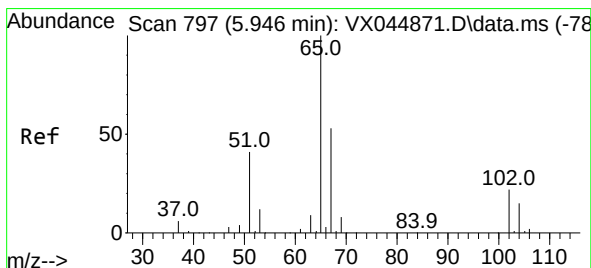
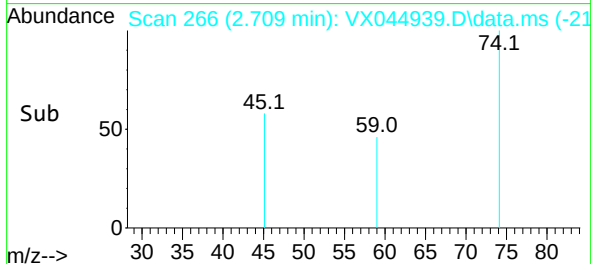
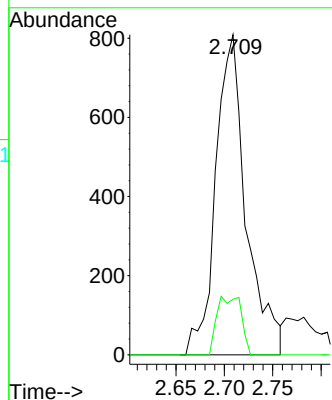
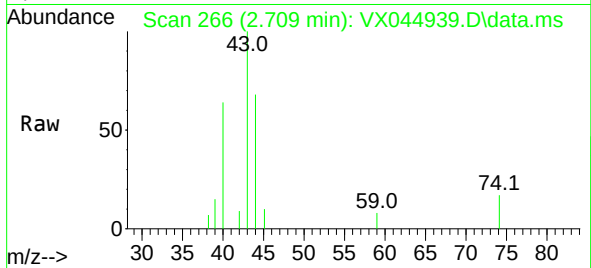




#18
Methyl Acetate
Concen: 1.087 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

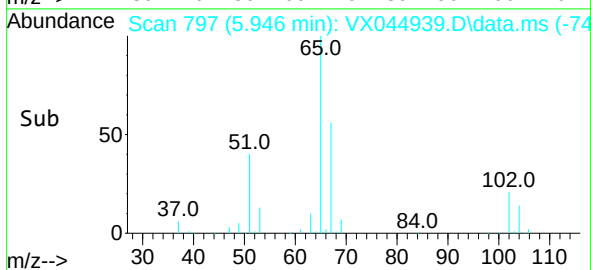
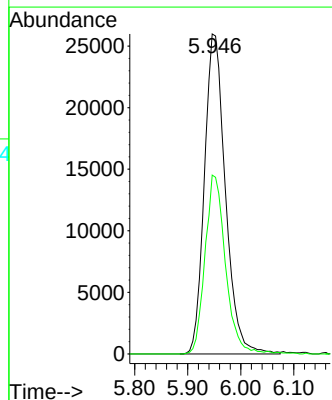
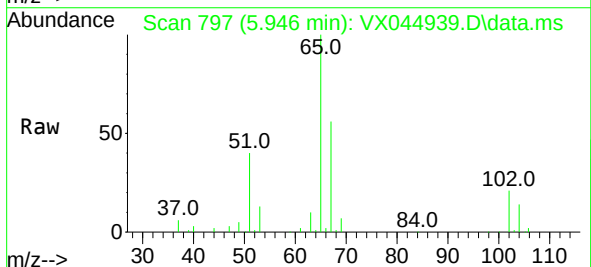
Instrument :
MSVOA_X
ClientSampleId :
PB166691TB

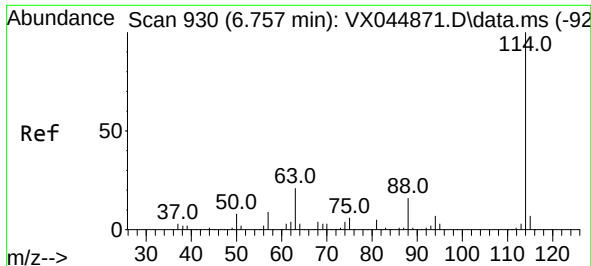
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
74 14.5 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 55.741 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

Tgt Ion: 65 Resp: 71535
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.2

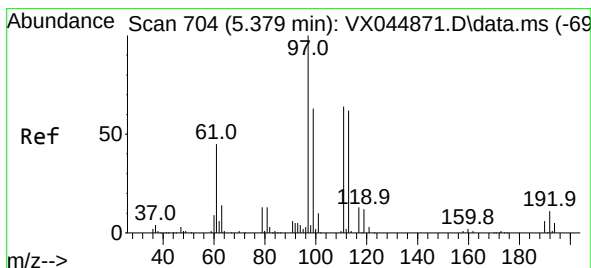
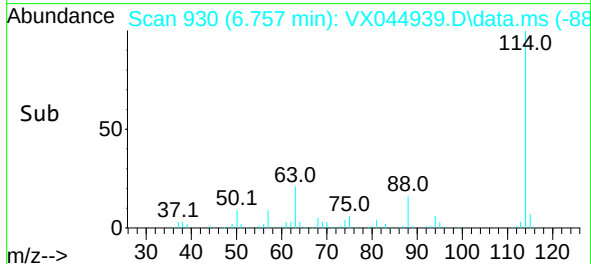
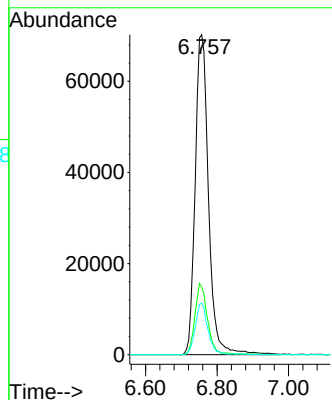
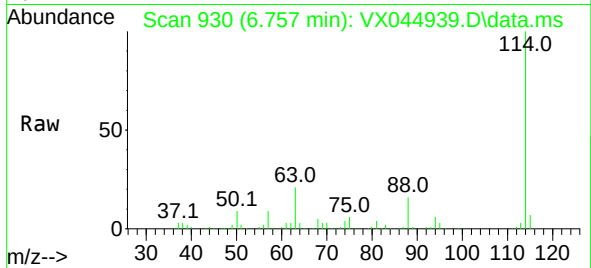




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

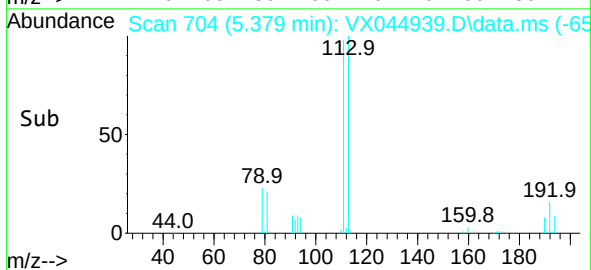
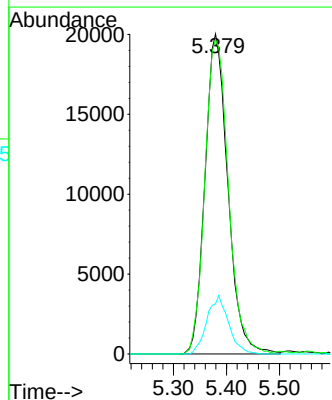
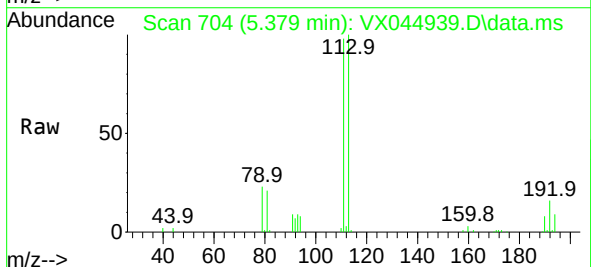
Instrument :
MSVOA_X
ClientSampleId :
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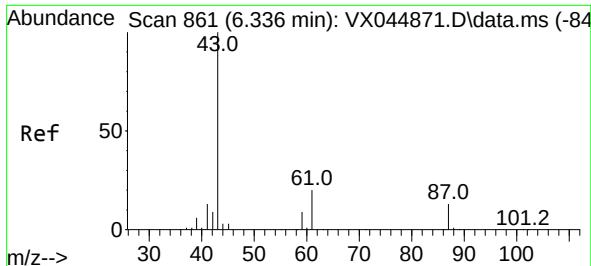
Tgt Ion:114 Resp: 182251
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

Tgt Ion:113 Resp: 60041
Ion Ratio Lower Upper
113 100
111 101.4 83.5 125.3
192 17.2 14.4 21.6

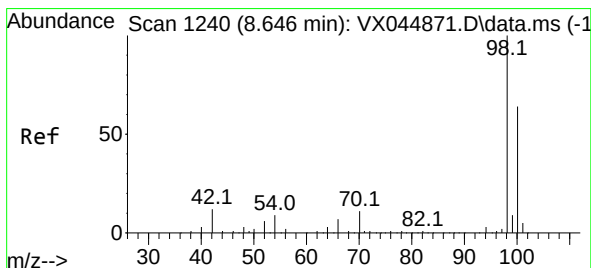
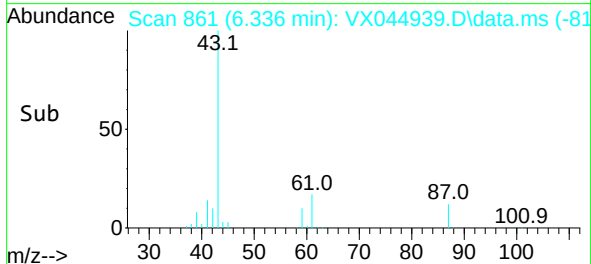
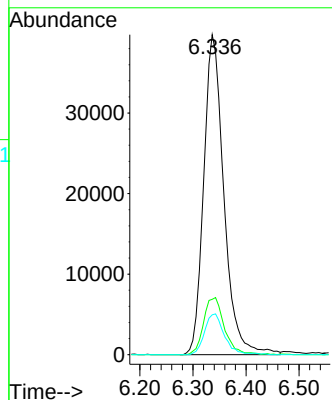
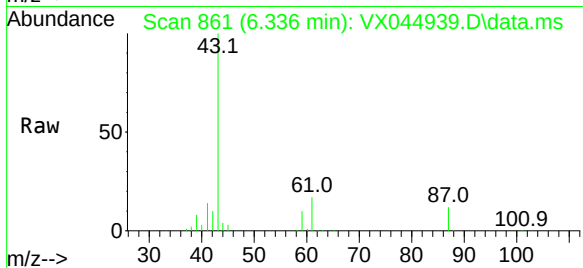




#43
Isopropyl Acetate
Concen: 34.264 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

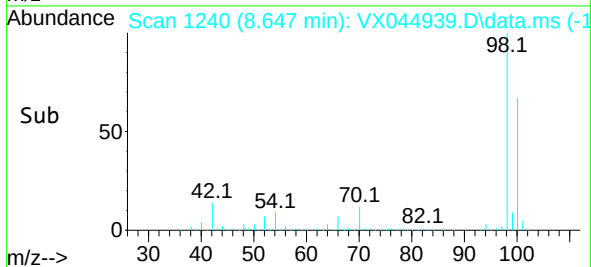
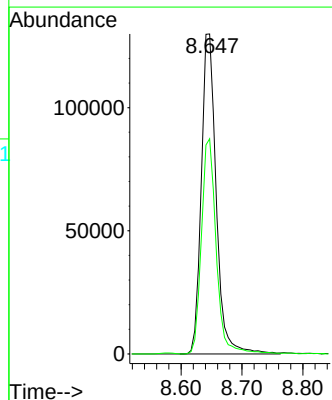
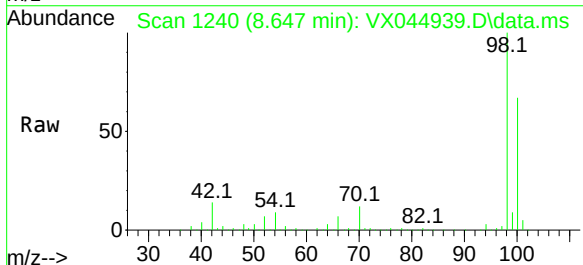
Instrument :
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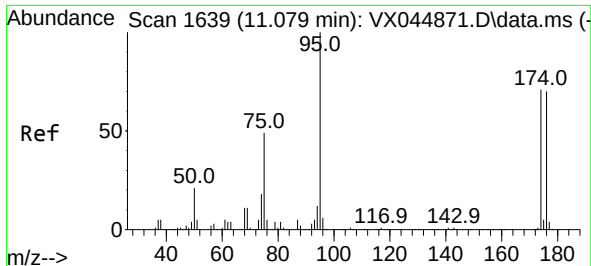
Tgt Ion: 43 Resp: 105213
Ion Ratio Lower Upper
43 100
61 18.3 15.8 23.8
87 12.6 10.0 15.0



#50
Toluene-d8
Concen: 49.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

Tgt Ion: 98 Resp: 221614
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1

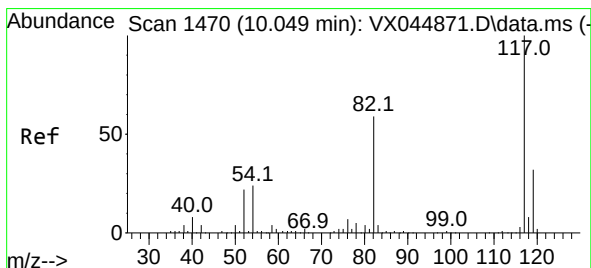
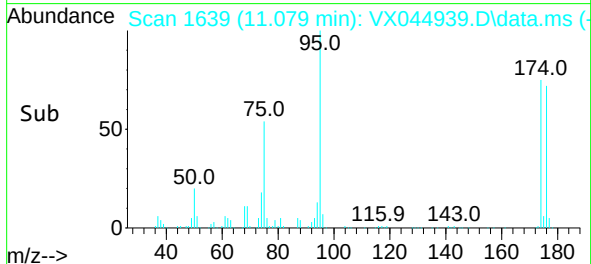
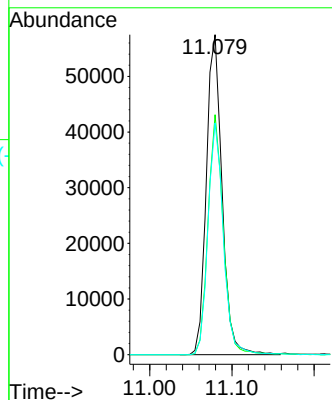
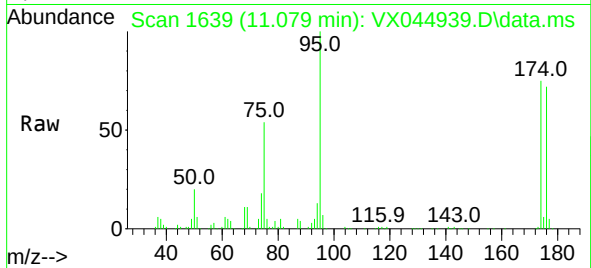




#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

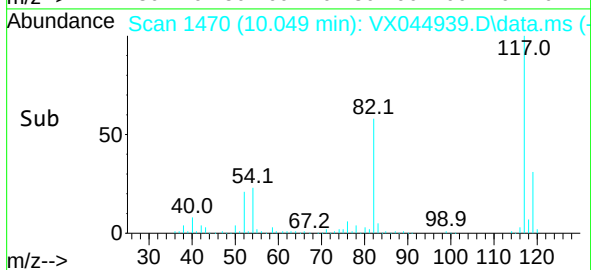
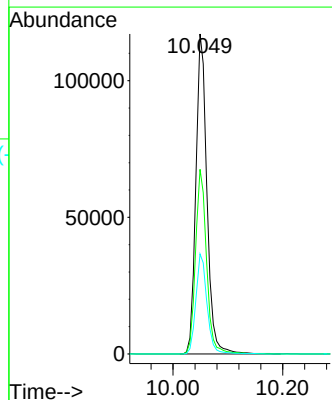
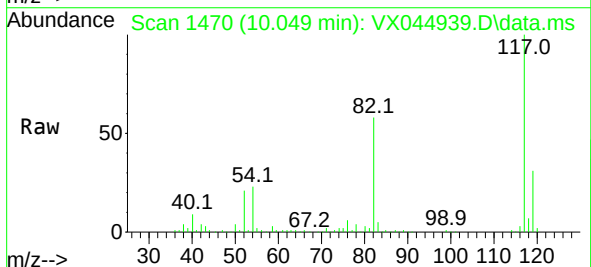
Instrument :
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ClientSampleId :
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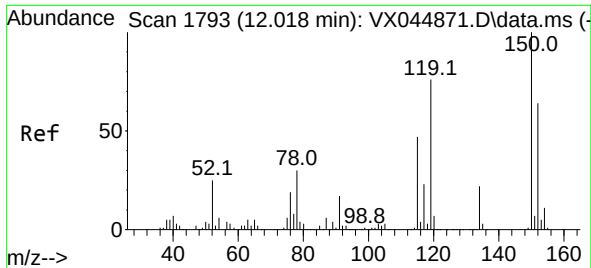
Tgt Ion: 95 Resp: 76306
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.6
176 71.0 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044939.D
Acq: 12 Feb 2025 17:30

Tgt Ion: 117 Resp: 165182
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 31.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044939.D

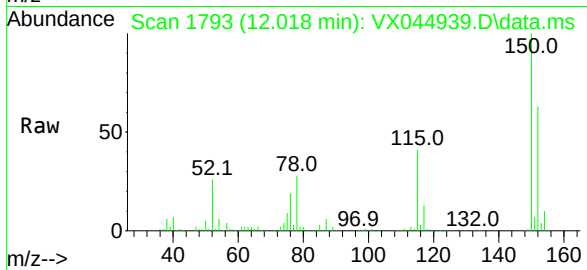
Acq: 12 Feb 2025 17:30

Instrument :

MSVOA_X

ClientSampleId :

PB166691TB



Tgt Ion:152 Resp: 69012

Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.1

150 156.6 0.0 350.4

