

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039174.D
 Acq On : 12 Dec 2023 18:28
 Operator : JC/MD
 Sample : PB157647TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB157647TB

Quant Time: Dec 13 04:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

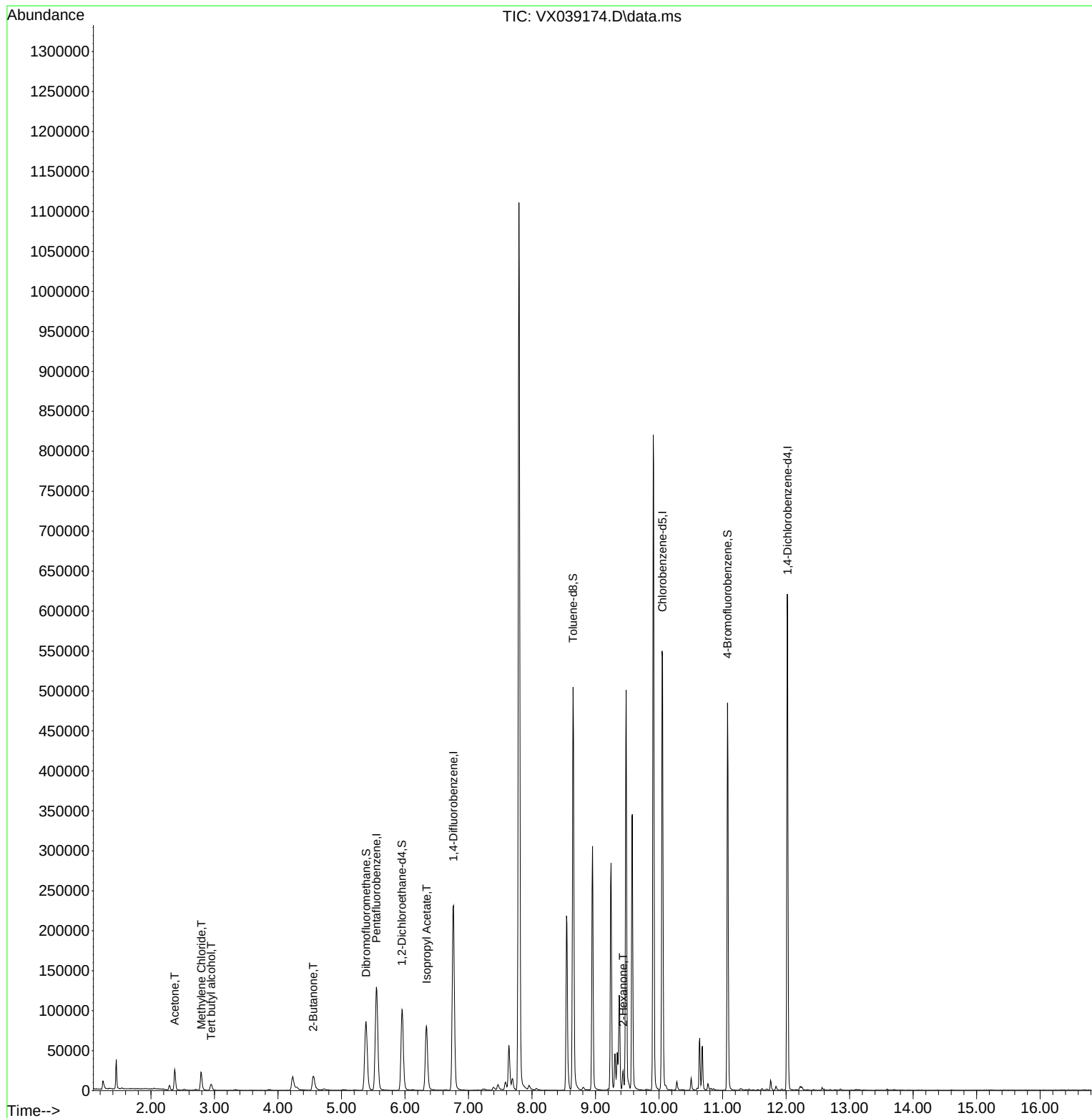
Internal Standards						
1) Pentafluorobenzene	5.550	168	111305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97892	54.581	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.160%		
35) Dibromofluoromethane	5.385	113	75340	45.452	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 90.900%		
50) Toluene-d8	8.647	98	289949	45.720	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.440%#		
62) 4-Bromofluorobenzene	11.079	95	132280	52.105	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.220%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.946	59	9007	18.056	ug/l #	92
16) Acetone	2.373	43	27093	28.377	ug/l	92
20) Methylene Chloride	2.794	84	10681	6.206	ug/l	88
25) 2-Butanone	4.556	43	31383	20.270	ug/l	99
43) Isopropyl Acetate	6.342	43	115428	23.336	ug/l	99
59) 2-Hexanone	9.433	43	14527	5.734	ug/l	95

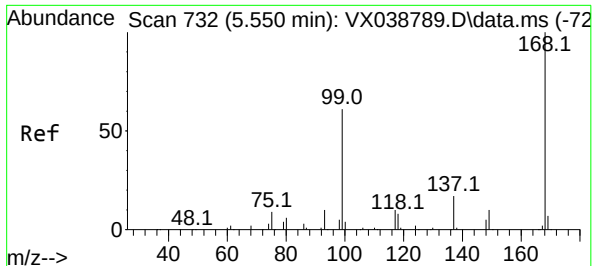
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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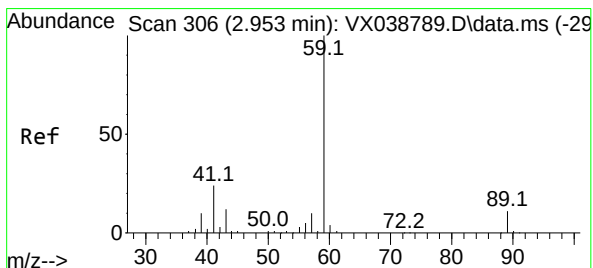
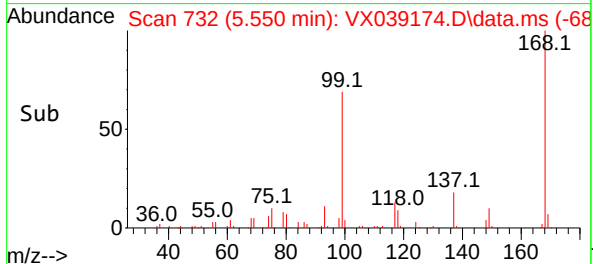
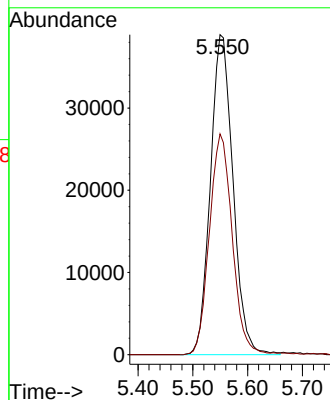
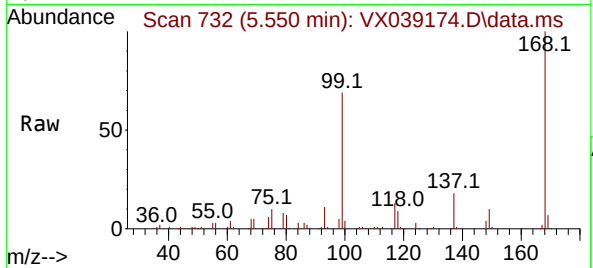




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

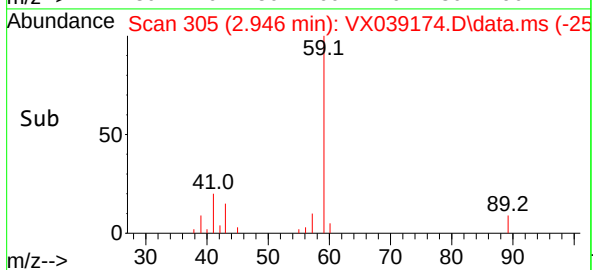
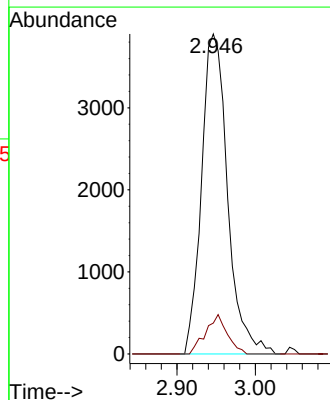
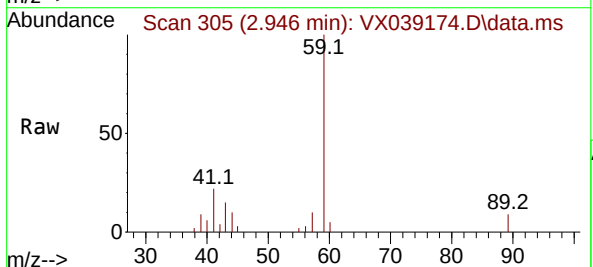
Instrument :
MSVOA_X
ClientSampleId :
PB157647TB

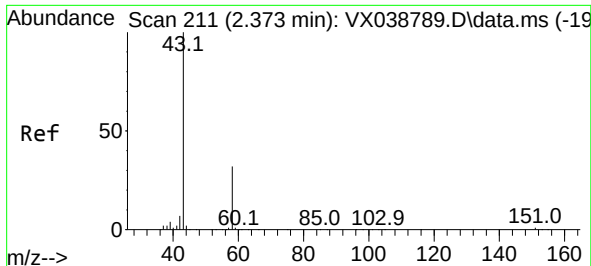
Tgt Ion:168 Resp: 111305
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 18.056 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion: 59 Resp: 9007
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0#

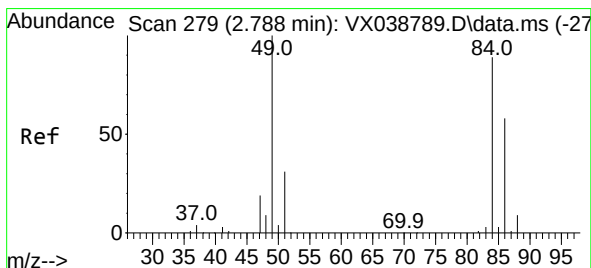
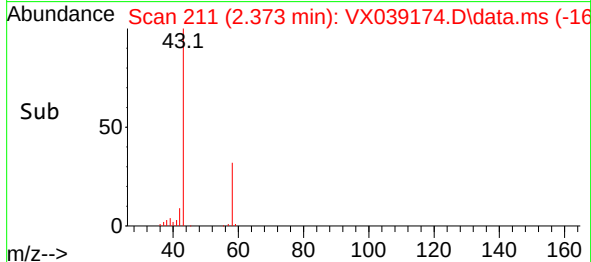
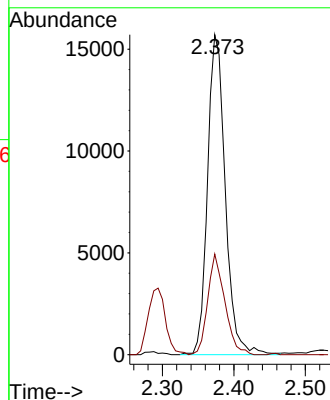
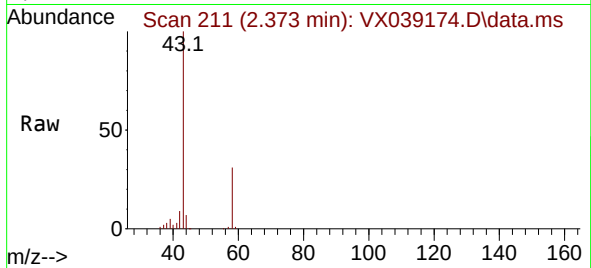




#16
Acetone
Concen: 28.377 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

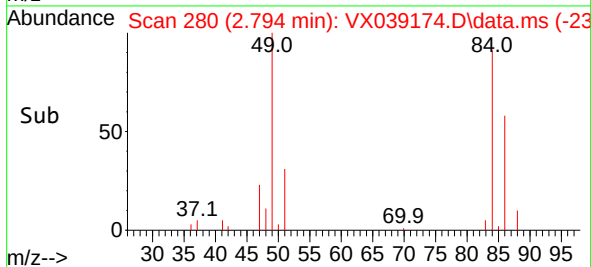
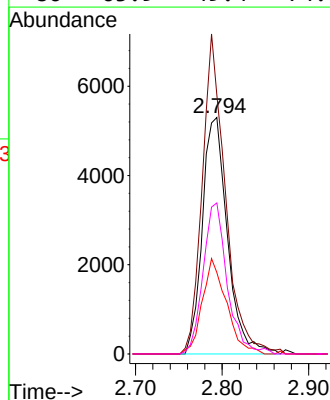
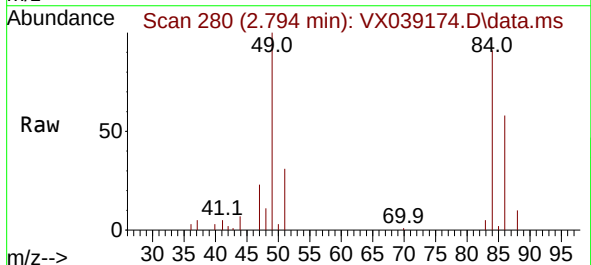
Instrument :
MSVOA_X
ClientSampleId :
PB157647TB

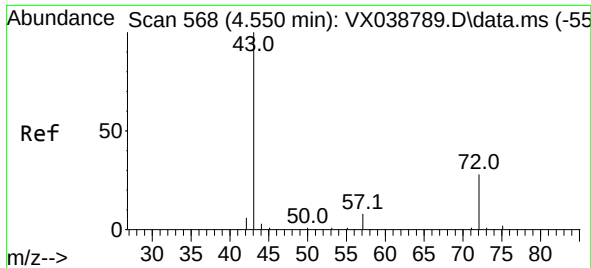
Tgt Ion: 43 Resp: 27093
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#20
Methylene Chloride
Concen: 6.206 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion: 84 Resp: 10681
Ion Ratio Lower Upper
84 100
49 109.6 103.6 155.4
51 34.4 33.8 50.6
86 63.9 49.4 74.0

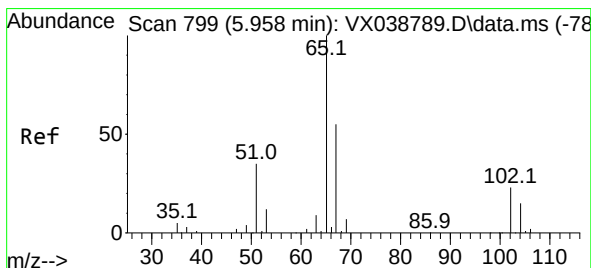
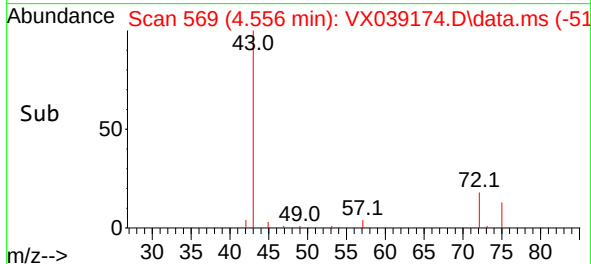
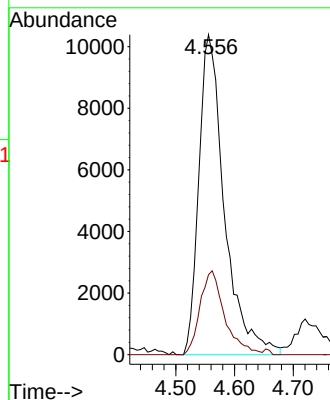
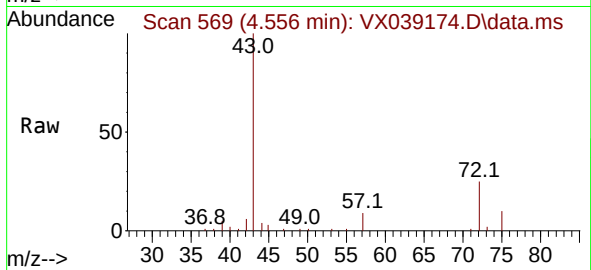




#25
2-Butanone
Concen: 20.270 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

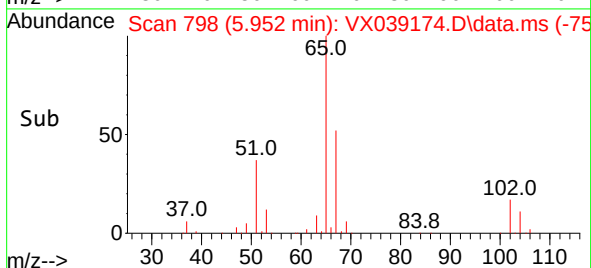
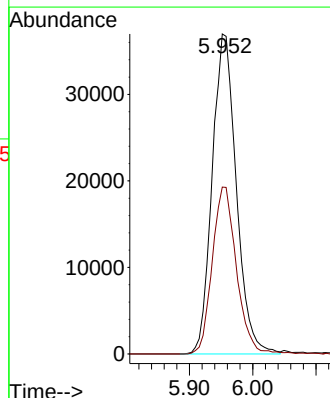
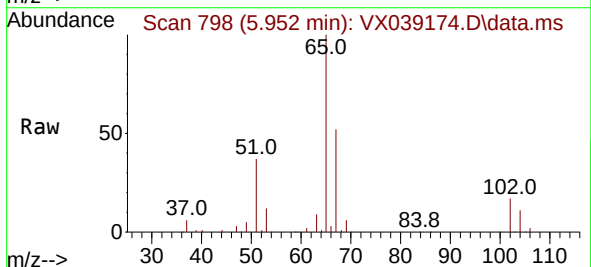
Instrument :
MSVOA_X
ClientSampleId :
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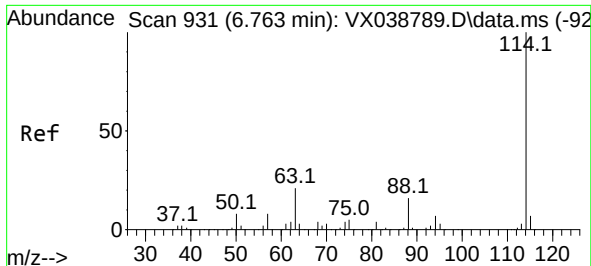
Tgt Ion: 43 Resp: 31383
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 54.581 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion: 65 Resp: 97892
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

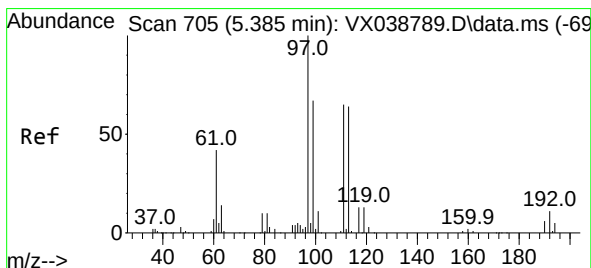
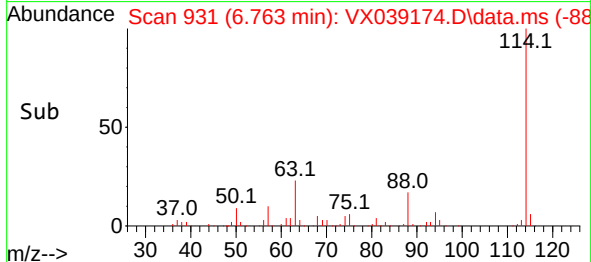
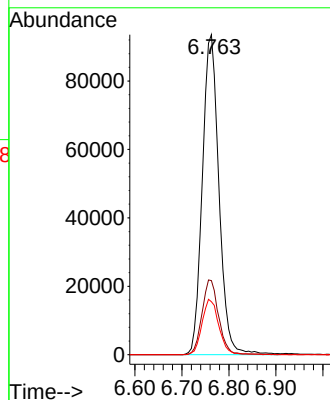
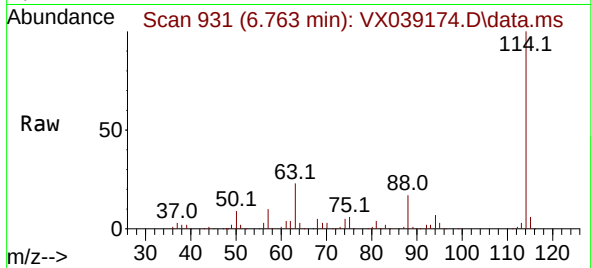




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

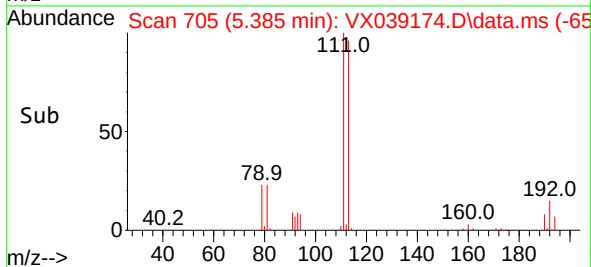
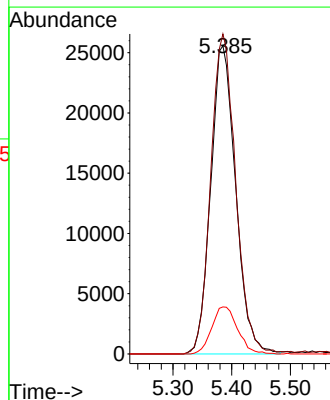
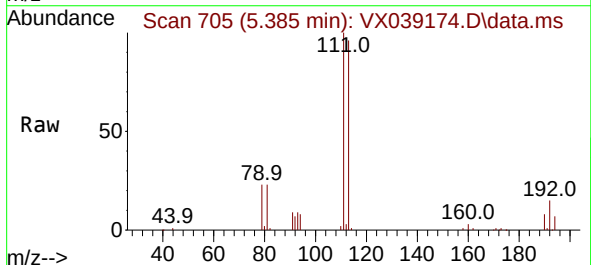
Instrument :
MSVOA_X
ClientSampleId :
PB157647TB

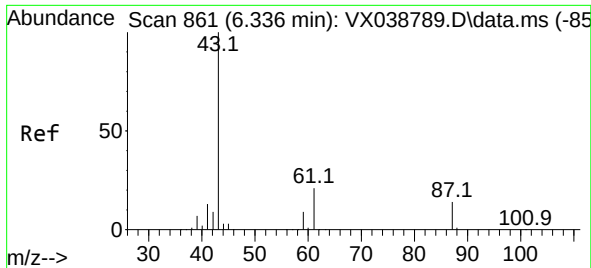
Tgt Ion:114 Resp: 229507
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.452 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion:113 Resp: 75340
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.9 13.3 19.9

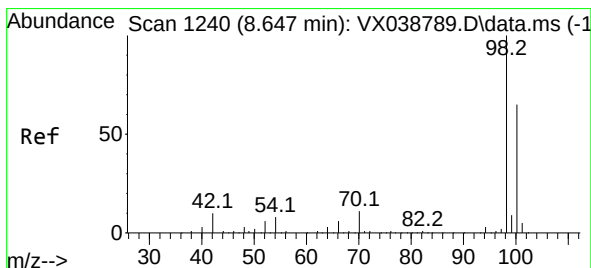
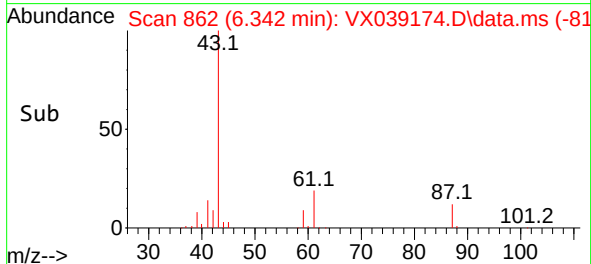
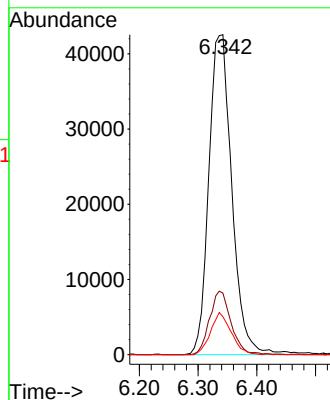
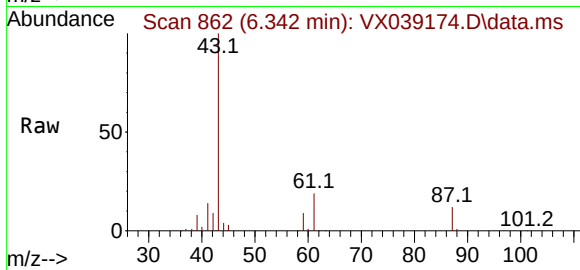




#43
Isopropyl Acetate
Concen: 23.336 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

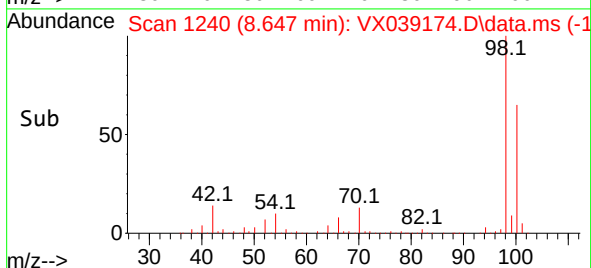
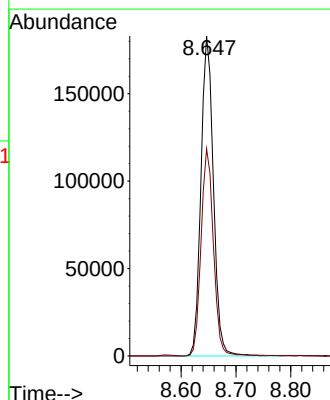
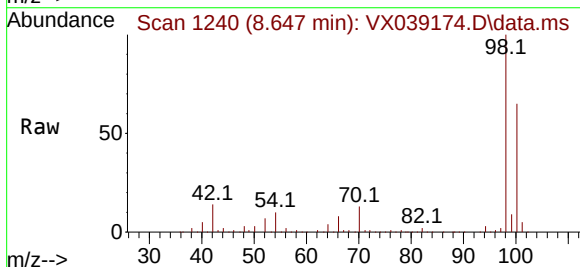
Instrument :
MSVOA_X
ClientSampleId :
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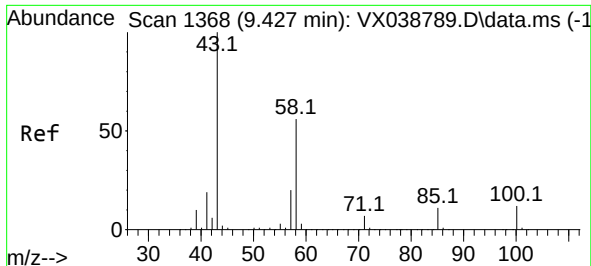
Tgt Ion: 43 Resp: 115428
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 11.8 9.8 14.6



#50
Toluene-d8
Concen: 45.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion: 98 Resp: 289949
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





#59

2-Hexanone

Concen: 5.734 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039174.D

Acq: 12 Dec 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

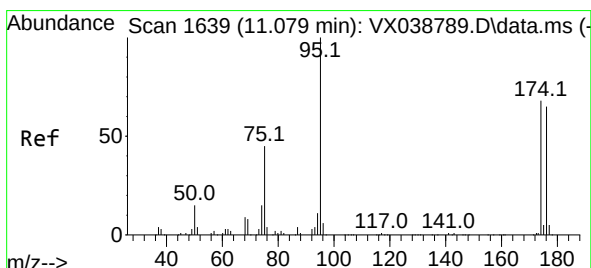
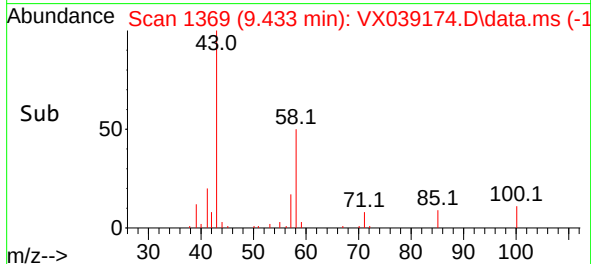
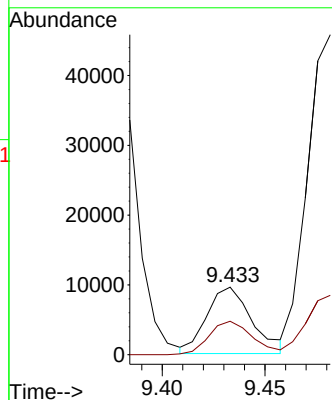
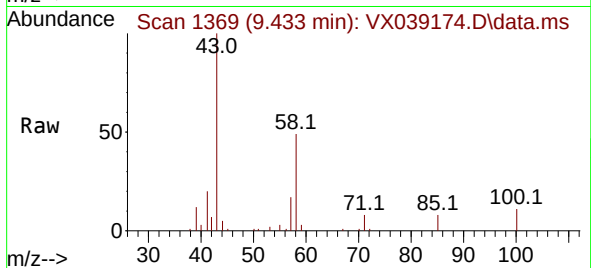
PB157647TB

Tgt Ion: 43 Resp: 14527

Ion Ratio Lower Upper

43 100

58 48.8 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 52.105 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039174.D

Acq: 12 Dec 2023 18:28

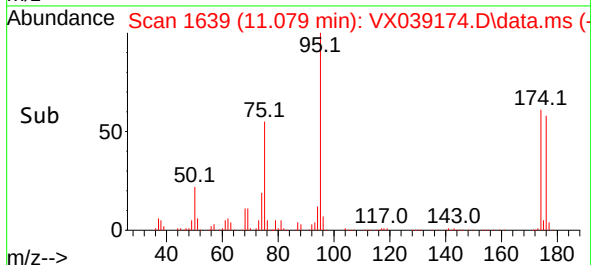
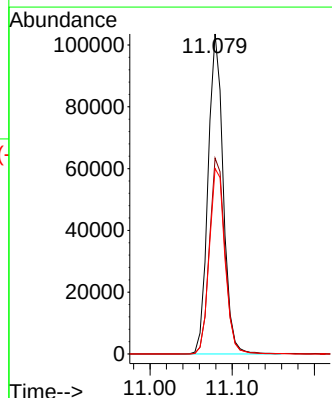
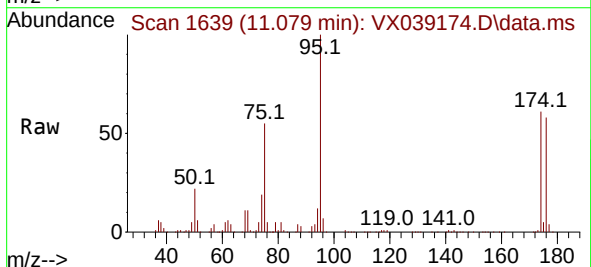
Tgt Ion: 95 Resp: 132280

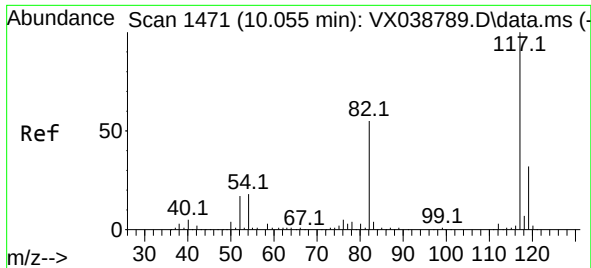
Ion Ratio Lower Upper

95 100

174 63.0 0.0 135.6

176 60.1 0.0 131.0

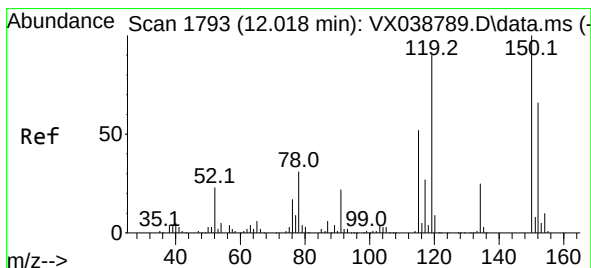
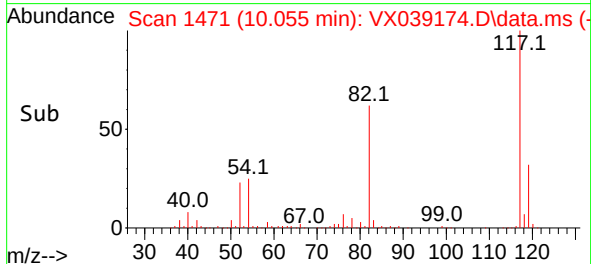
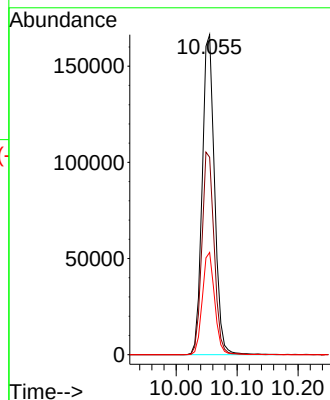
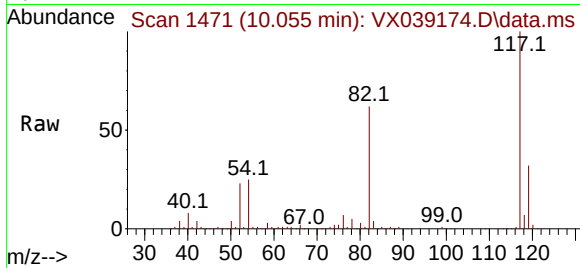




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039174.D
Acq: 12 Dec 2023 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB157647TB

Tgt Ion:117 Resp: 234922
Ion Ratio Lower Upper
117 100
82 61.7 46.2 69.4
119 32.0 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: VX039174.D
Acq: 12 Dec 2023 18:28

Tgt Ion:152 Resp: 119976
Ion Ratio Lower Upper
152 100
115 66.9 43.3 129.9
150 156.6 0.0 345.0

