

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039474.D
 Acq On : 26 Dec 2023 17:44
 Operator : JC/MD
 Sample : PB158014TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014TB

Quant Time: Dec 27 04:41:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

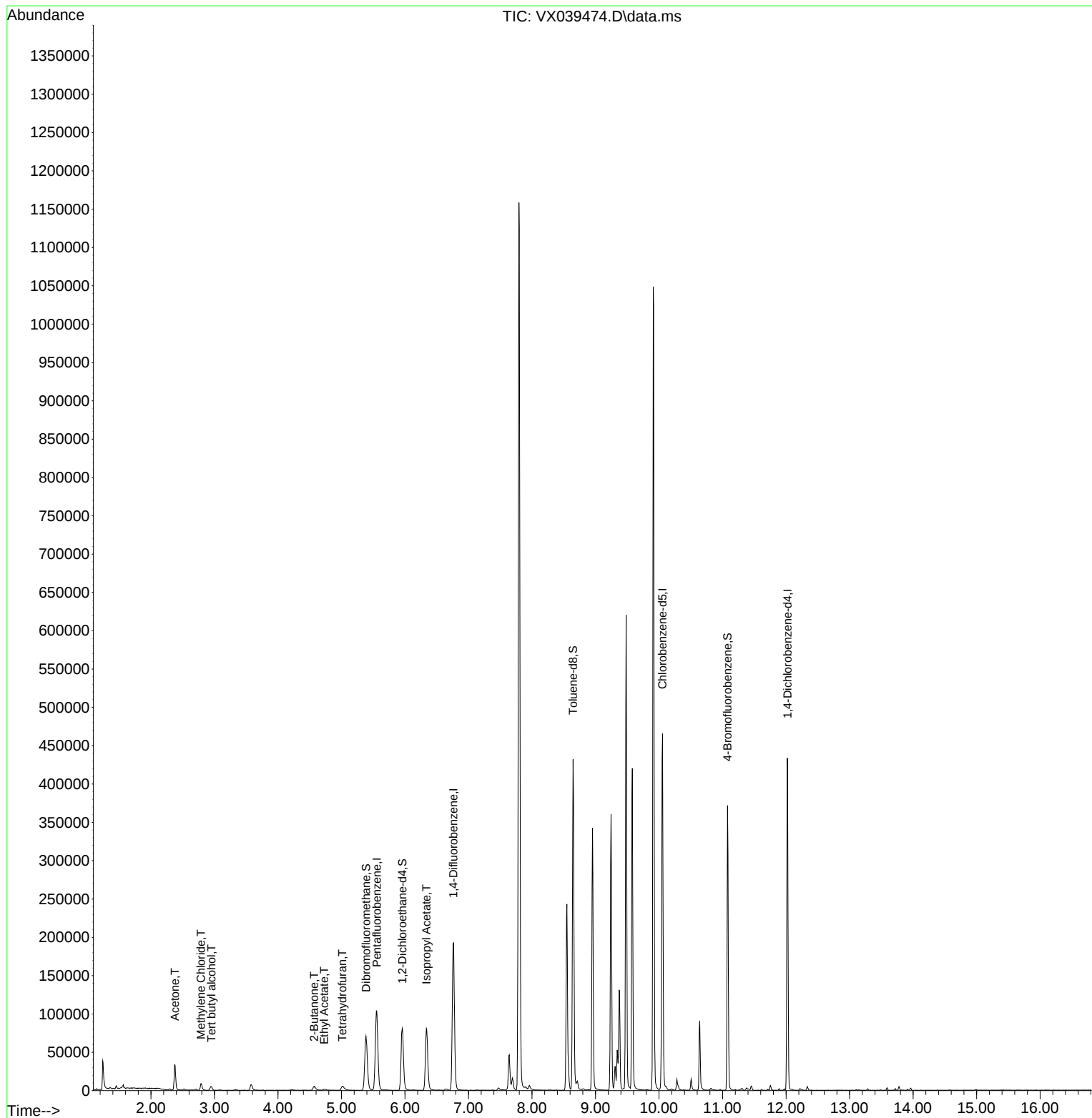
Internal Standards						
1) Pentafluorobenzene	5.556	168	89913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78253	47.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	62049	47.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	245791	50.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	99600	49.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	3872	9.361	ug/l #	92
16) Acetone	2.380	43	36050	15.766	ug/l	95
20) Methylene Chloride	2.788	84	4213	3.068	ug/l	97
25) 2-Butanone	4.568	43	8008	5.634	ug/l #	90
29) Tetrahydrofuran	5.013	42	5674	7.229	ug/l #	82
37) Ethyl Acetate	4.727	43	3709	1.454	ug/l #	89
43) Isopropyl Acetate	6.336	43	114775	27.666	ug/l	99

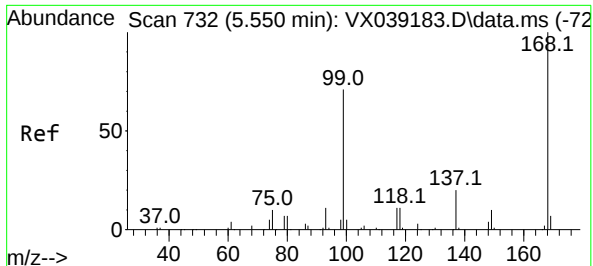
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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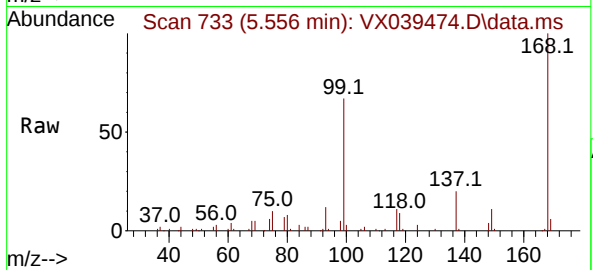
Quant Time: Dec 27 04:41:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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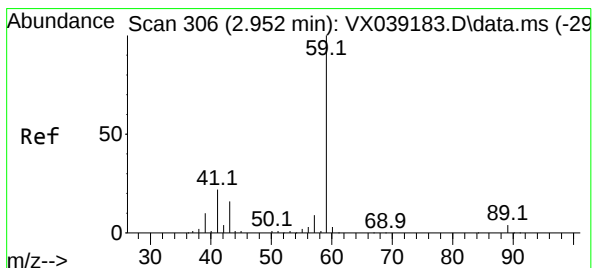
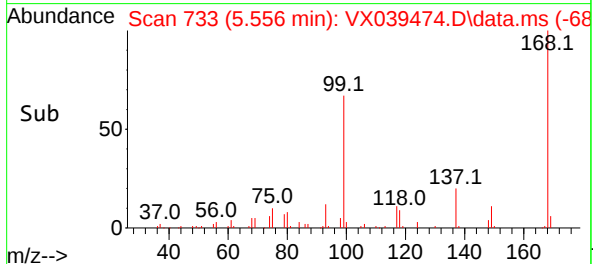
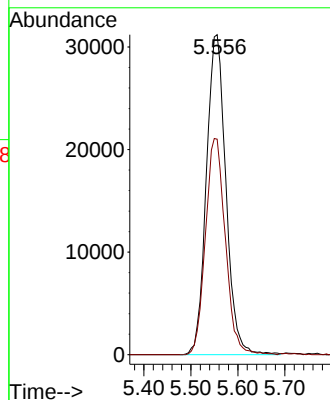


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
PB158014TB

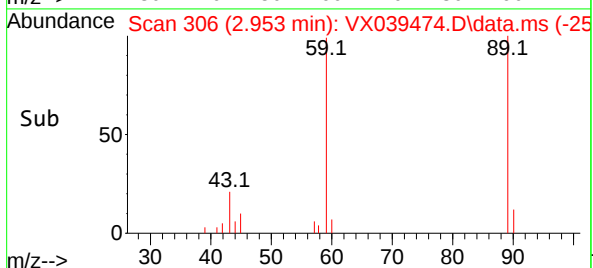
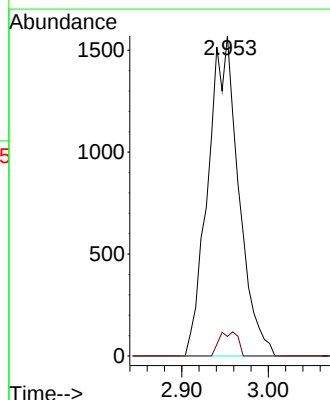
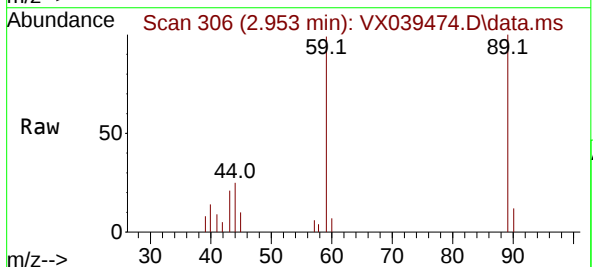


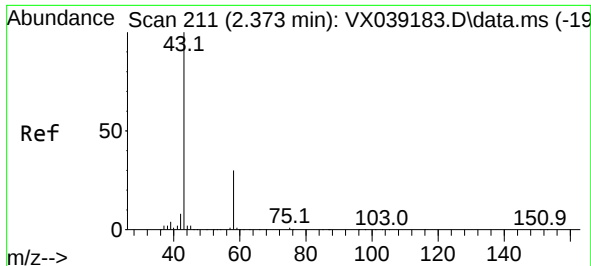
Tgt Ion:168 Resp: 89913
Ion Ratio Lower Upper
168 100
99 67.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 9.361 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

Tgt Ion: 59 Resp: 3872
Ion Ratio Lower Upper
59 100
57 4.6 6.0 9.0#

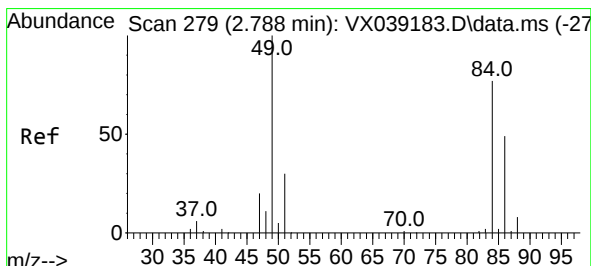
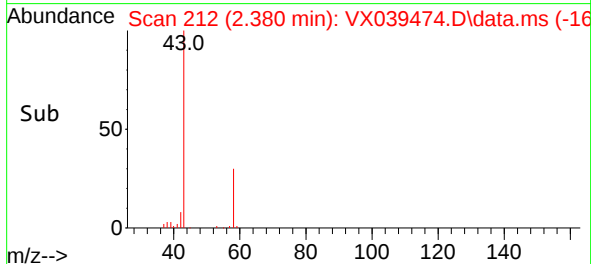
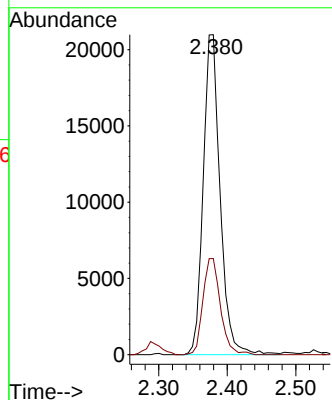
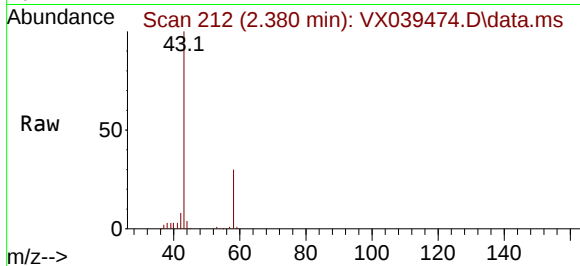




#16
Acetone
Concen: 15.766 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

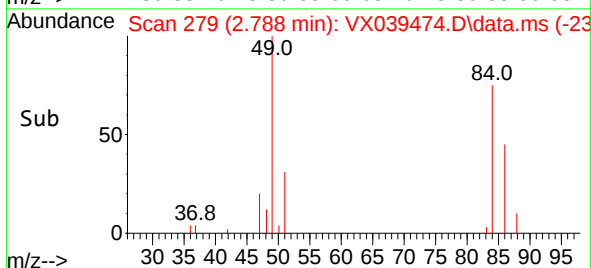
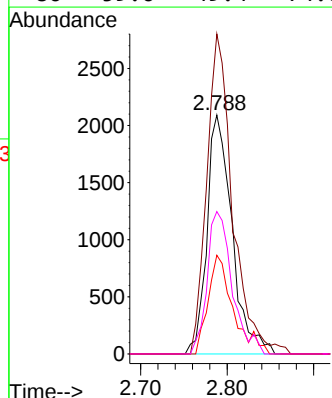
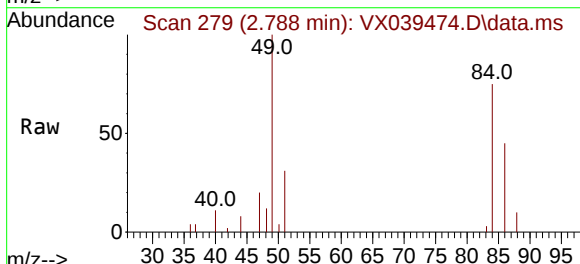
Instrument :
MSVOA_X
ClientSampleId :
PB158014TB

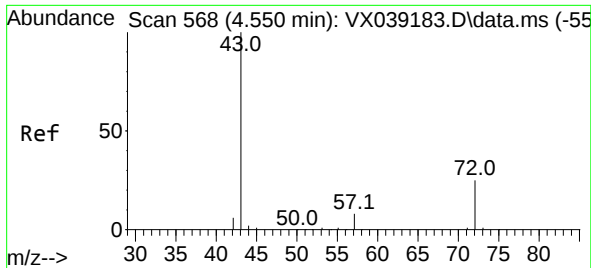
Tgt Ion: 43 Resp: 36050
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9



#20
Methylene Chloride
Concen: 3.068 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

Tgt Ion: 84 Resp: 4213
Ion Ratio Lower Upper
84 100
49 133.9 103.6 155.4
51 41.3 33.8 50.6
86 59.6 49.4 74.0

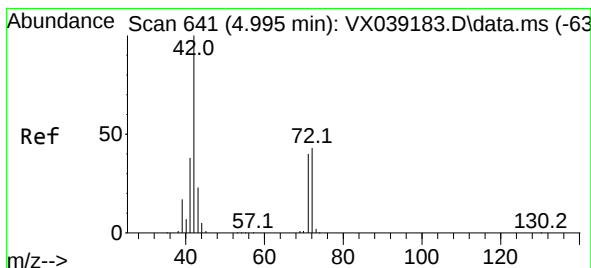
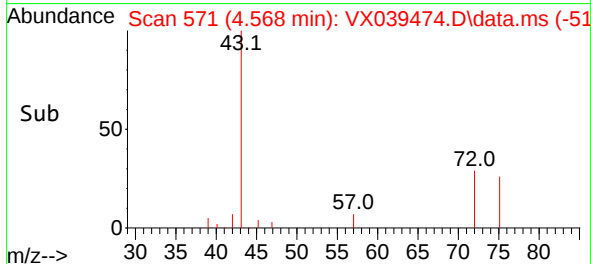
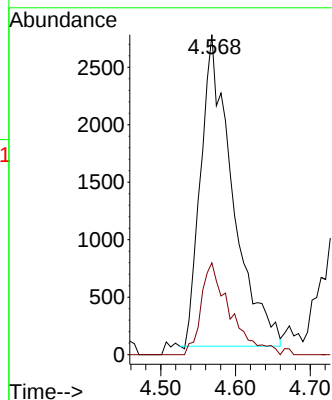
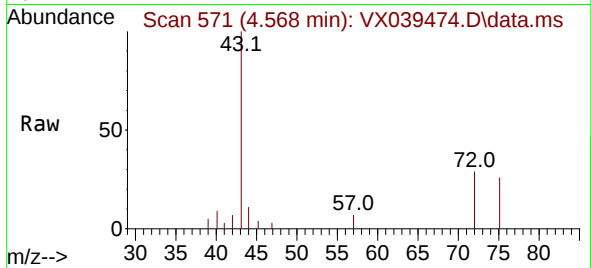




#25
2-Butanone
Concen: 5.634 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

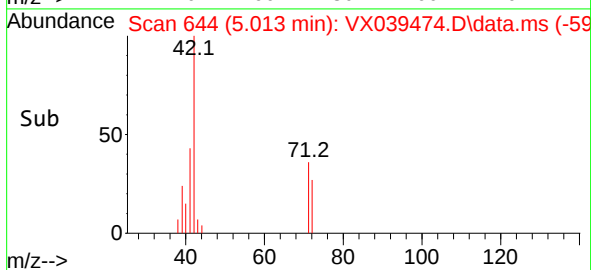
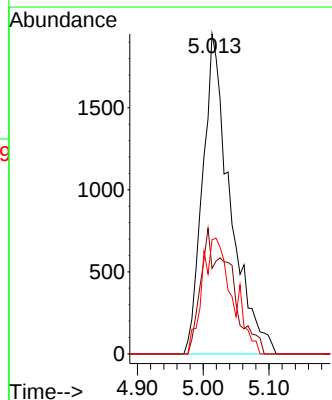
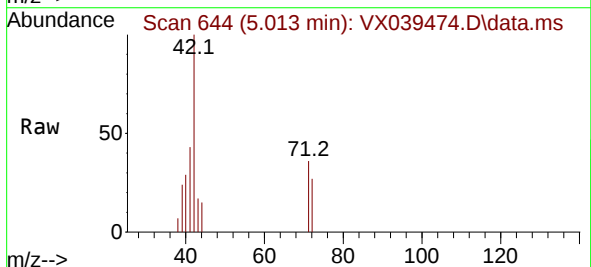
Instrument :
MSVOA_X
ClientSampleId :
PB158014TB

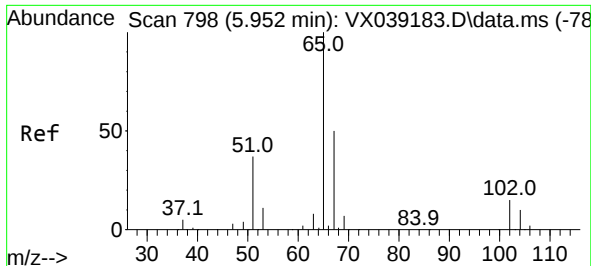
Tgt Ion: 43 Resp: 8008
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2#



#29
Tetrahydrofuran
Concen: 7.229 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.019 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

Tgt Ion: 42 Resp: 5674
Ion Ratio Lower Upper
42 100
72 20.4 34.2 51.4#
71 39.8 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 47.508 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039474.D

Acq: 26 Dec 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

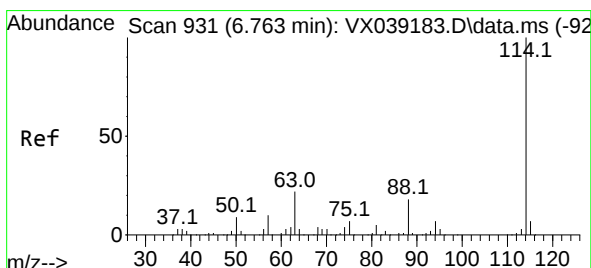
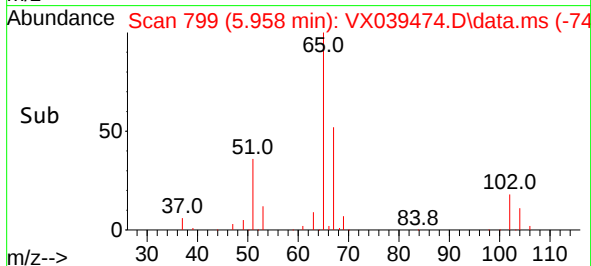
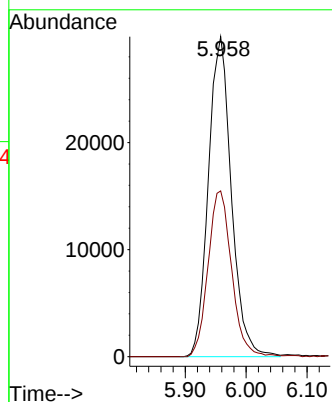
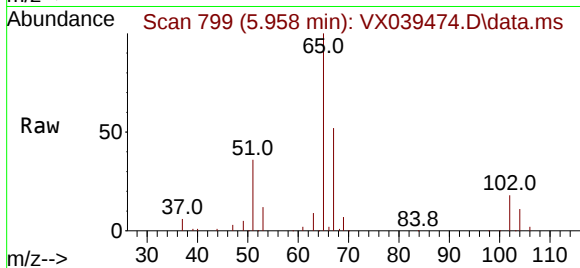
PB158014TB

Tgt Ion: 65 Resp: 78253

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039474.D

Acq: 26 Dec 2023 17:44

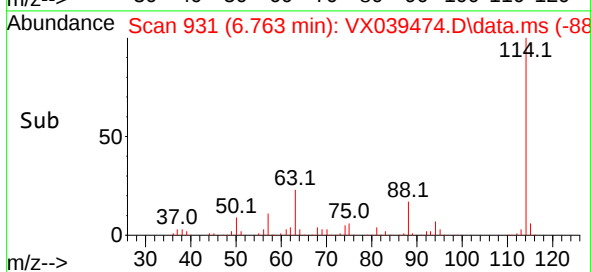
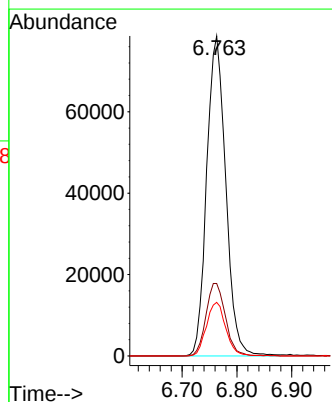
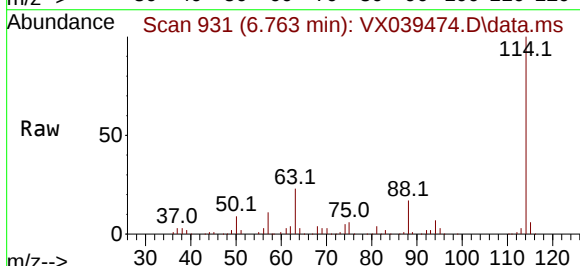
Tgt Ion: 114 Resp: 189415

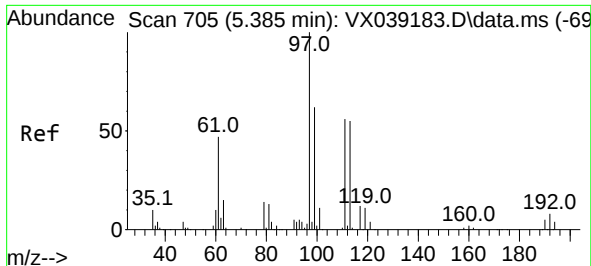
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.417 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039474.D

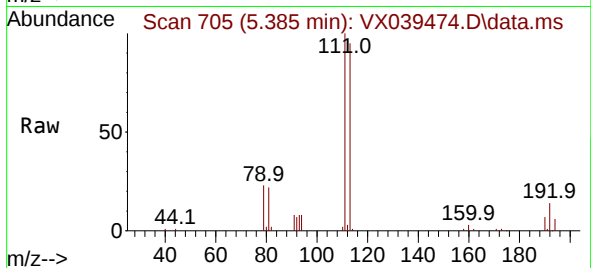
Acq: 26 Dec 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

PB158014TB



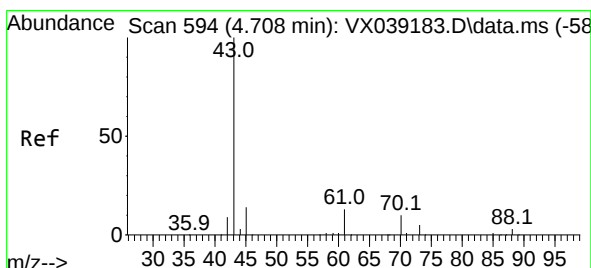
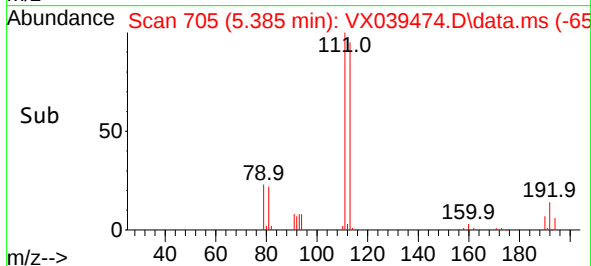
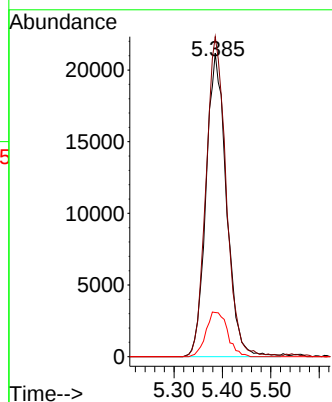
Tgt Ion:113 Resp: 62049

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

192 15.6 13.3 19.9



#37

Ethyl Acetate

Concen: 1.454 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.019 min

Lab File: VX039474.D

Acq: 26 Dec 2023 17:44

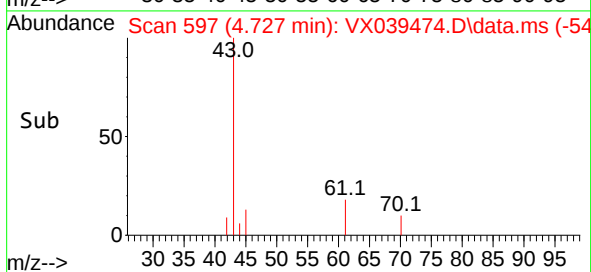
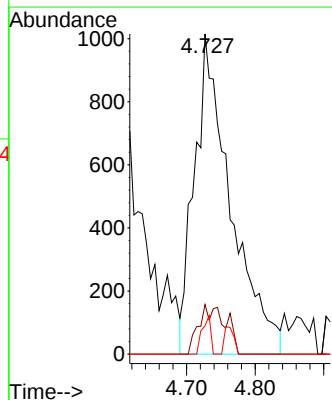
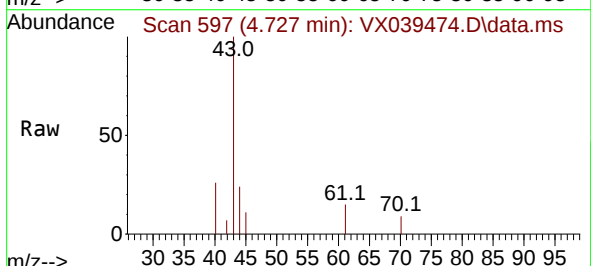
Tgt Ion: 43 Resp: 3709

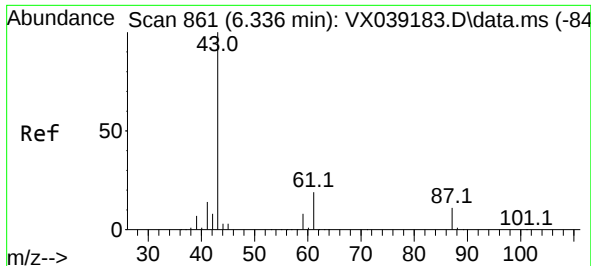
Ion Ratio Lower Upper

43 100

61 11.5 10.6 16.0

70 2.8 8.3 12.5

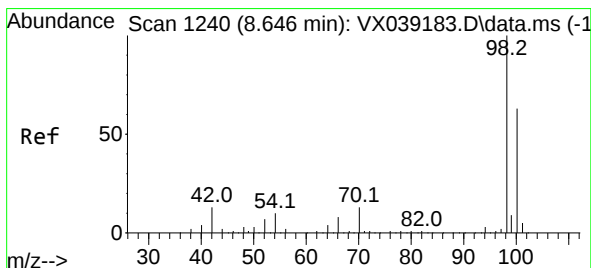
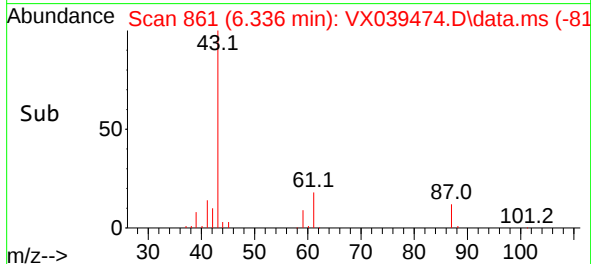
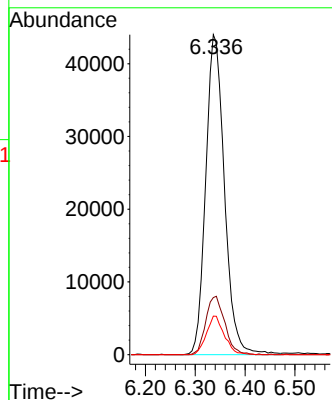
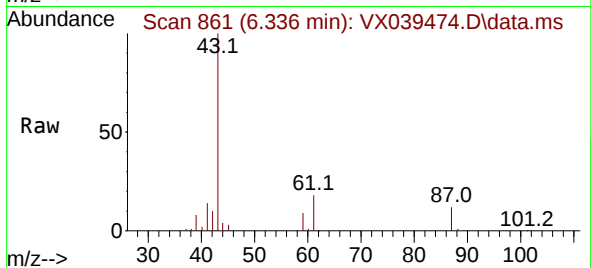




#43
Isopropyl Acetate
Concen: 27.666 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

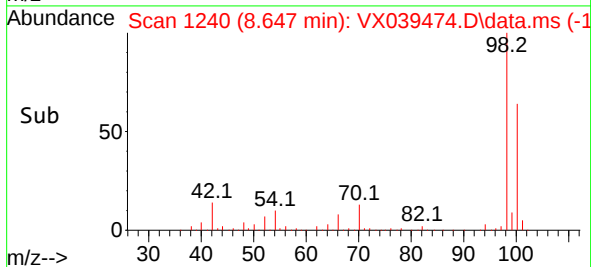
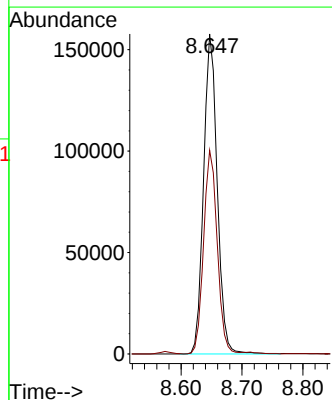
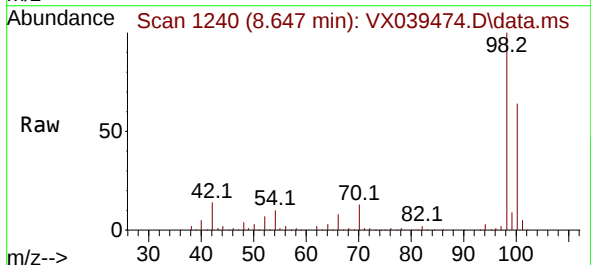
Instrument :
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PB158014TB

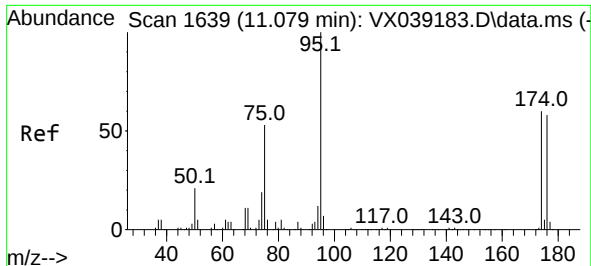
Tgt Ion: 43 Resp: 114775
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 11.5 9.8 14.6



#50
Toluene-d8
Concen: 50.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039474.D
Acq: 26 Dec 2023 17:44

Tgt Ion: 98 Resp: 245791
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.690 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039474.D

Acq: 26 Dec 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

PB158014TB

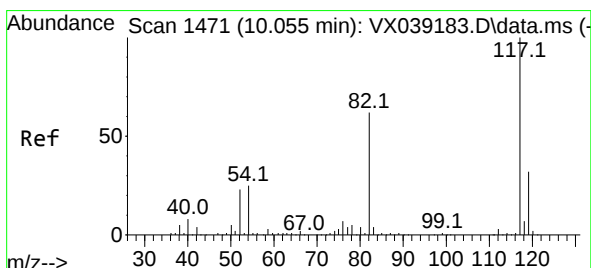
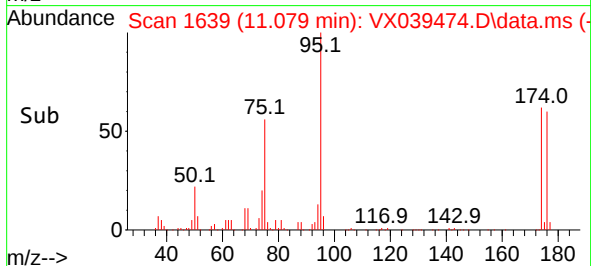
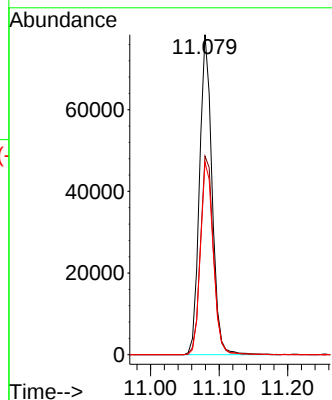
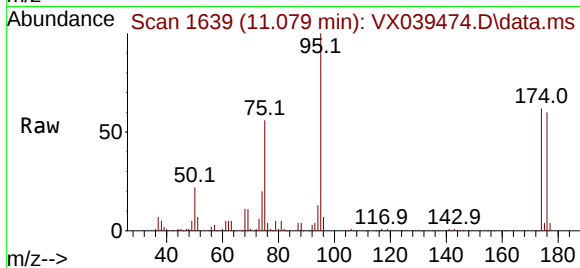
Tgt Ion: 95 Resp: 99600

Ion Ratio Lower Upper

95 100

174 64.5 0.0 135.6

176 61.9 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: VX039474.D

Acq: 26 Dec 2023 17:44

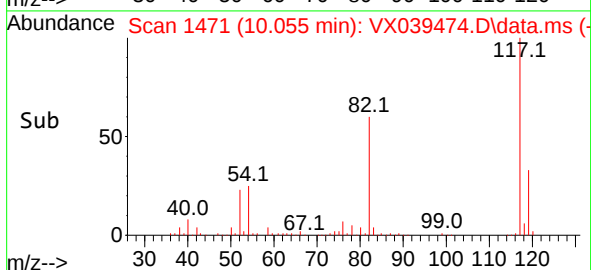
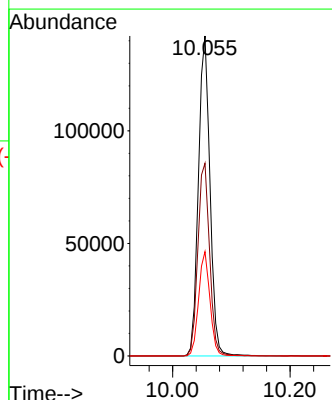
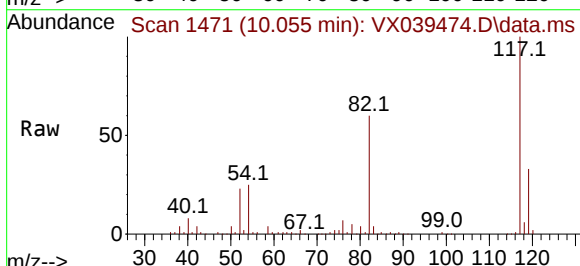
Tgt Ion: 117 Resp: 194272

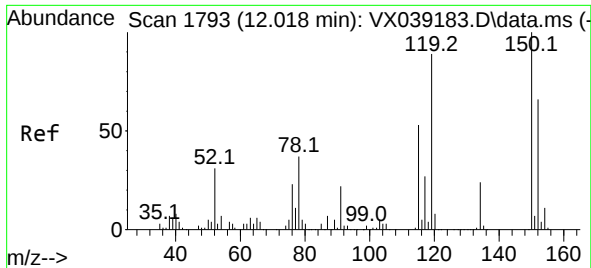
Ion Ratio Lower Upper

117 100

82 60.2 46.2 69.4

119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039474.D
 Acq: 26 Dec 2023 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014TB

Tgt Ion:152 Resp: 83211
 Ion Ratio Lower Upper
 152 100
 115 67.5 43.3 129.9
 150 158.2 0.0 345.0

