

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034364.D
 Acq On : 07 Mar 2023 11:50
 Operator : JC/MD
 Sample : PB151253TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151253TB

Quant Time: Mar 08 01:01:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

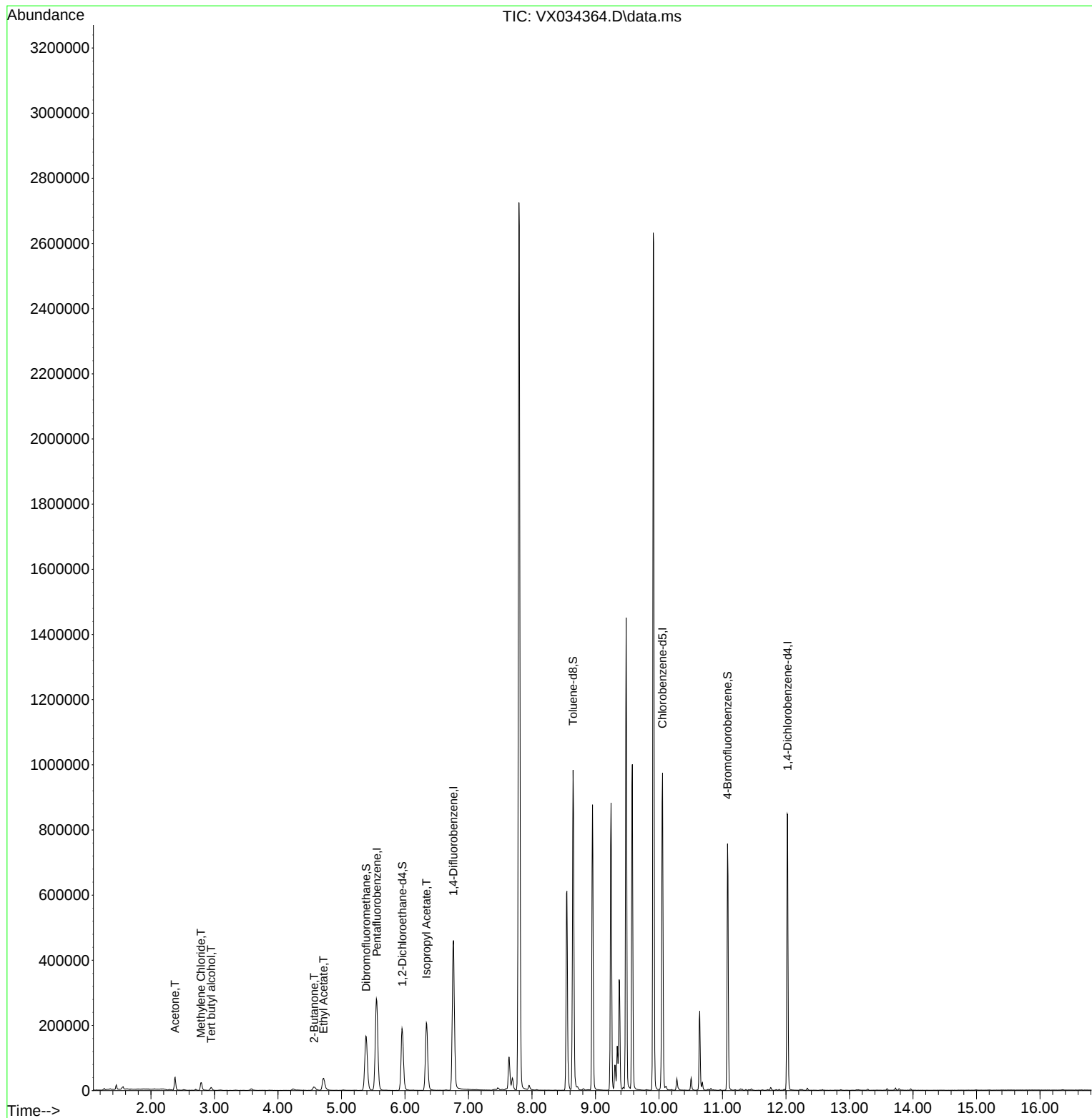
Internal Standards						
1) Pentafluorobenzene	5.556	168	276380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	468138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174016	46.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.500%		
35) Dibromofluoromethane	5.385	113	147504	48.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.647	98	572763	52.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.680%		
62) 4-Bromofluorobenzene	11.079	95	200788	47.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						
11) Tert butyl alcohol	2.947	59	6786	8.151	ug/l #	97
16) Acetone	2.380	43	41084	21.397	ug/l	90
20) Methylene Chloride	2.788	84	11908	3.442	ug/l	95
25) 2-Butanone	4.568	43	14289	5.143	ug/l	94
37) Ethyl Acetate	4.715	43	68870	13.671	ug/l	99
43) Isopropyl Acetate	6.336	43	294992	33.182	ug/l	99

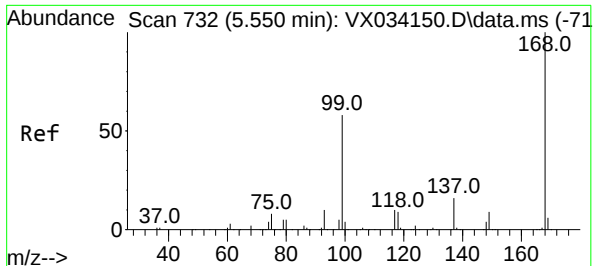
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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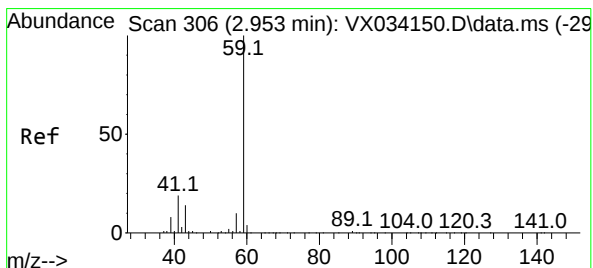
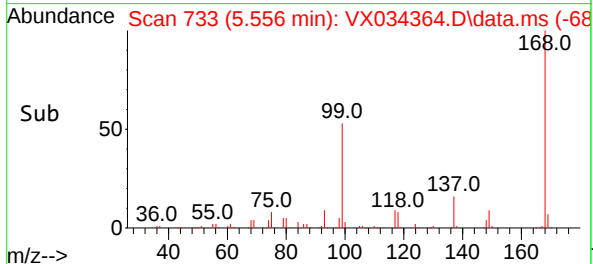
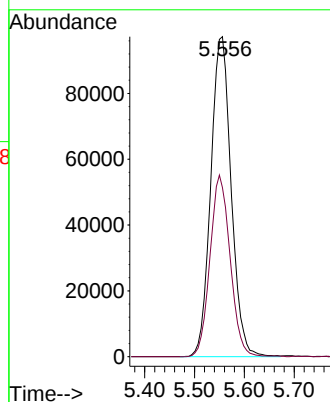
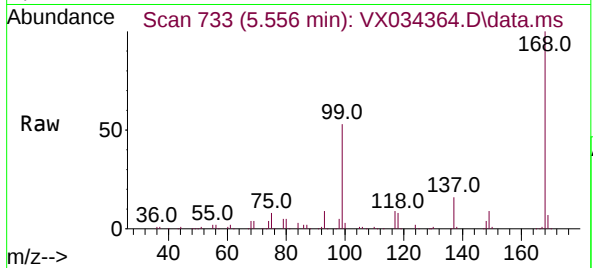




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

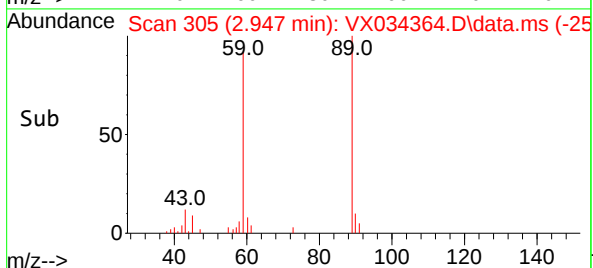
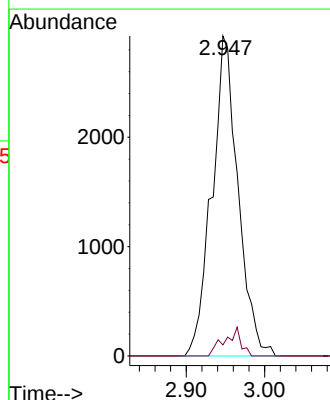
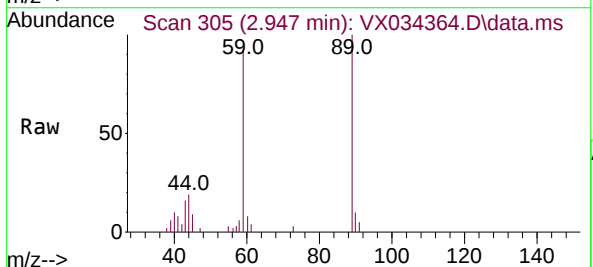
Instrument :
MSVOA_X
ClientSampleId :
PB151253TB

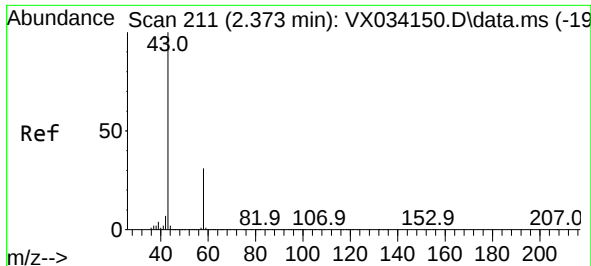
Tgt Ion:168 Resp: 276380
Ion Ratio Lower Upper
168 100
99 52.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 8.151 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

Tgt Ion: 59 Resp: 6786
Ion Ratio Lower Upper
59 100
57 5.6 3.7 5.5#

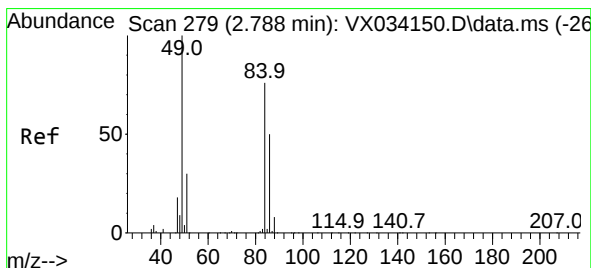
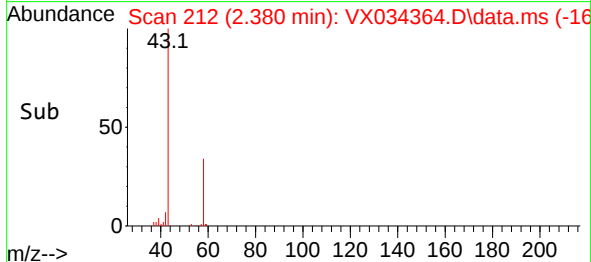
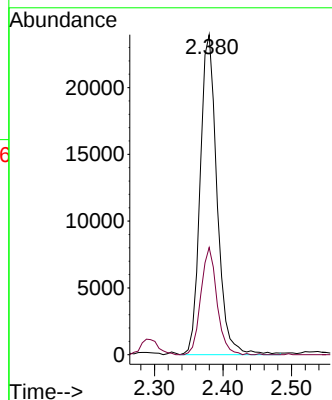
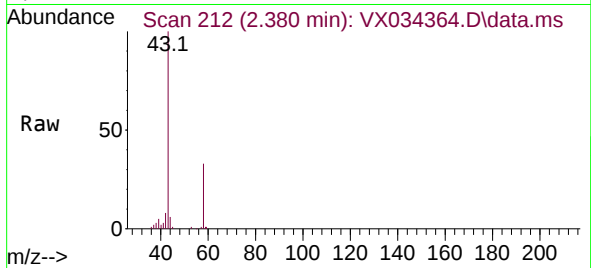




#16
Acetone
Concen: 21.397 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

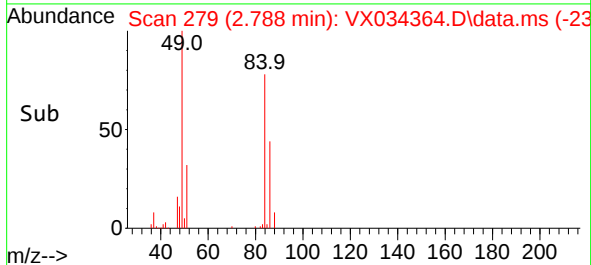
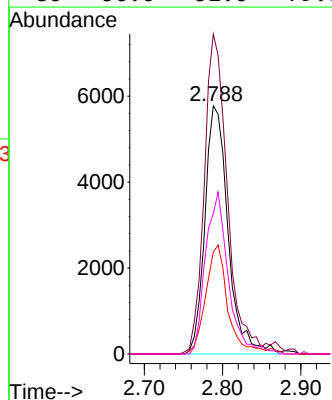
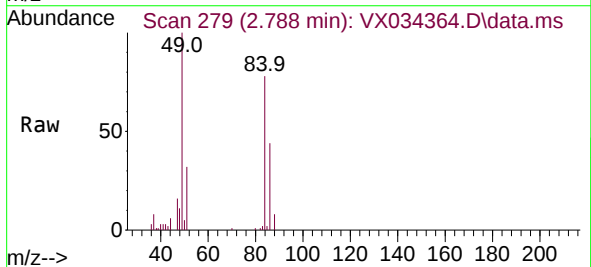
Instrument :
MSVOA_X
ClientSampleId :
PB151253TB

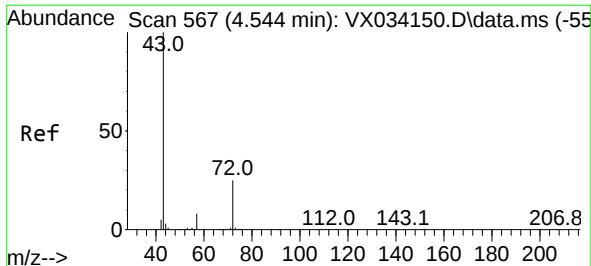
Tgt Ion: 43 Resp: 41084
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8



#20
Methylene Chloride
Concen: 3.442 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

Tgt Ion: 84 Resp: 11908
Ion Ratio Lower Upper
84 100
49 129.0 101.1 151.7
51 41.2 31.0 46.6
86 56.6 52.6 79.0

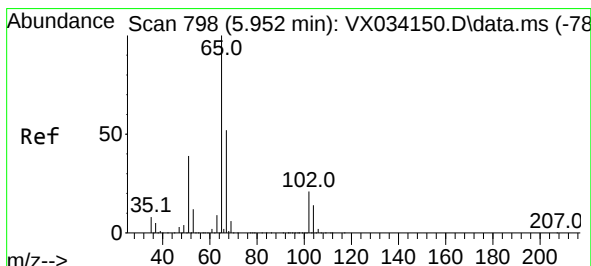
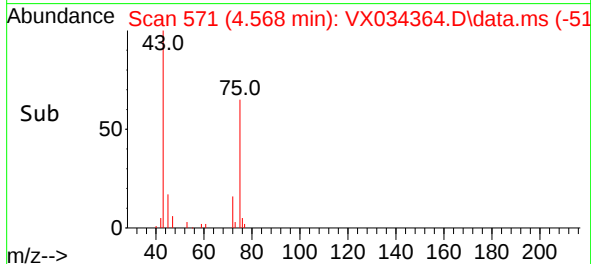
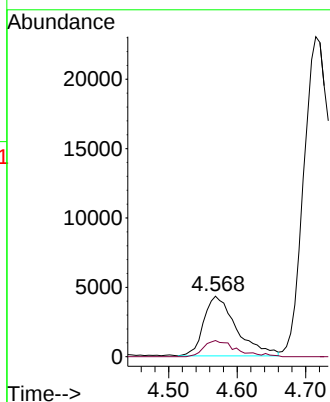
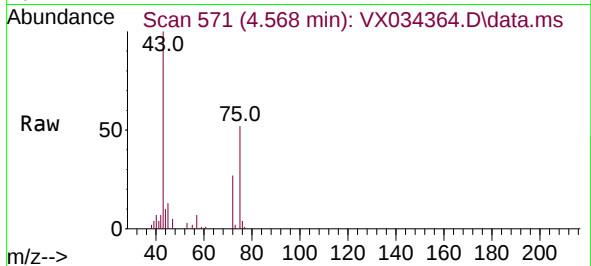




#25
2-Butanone
Concen: 5.143 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

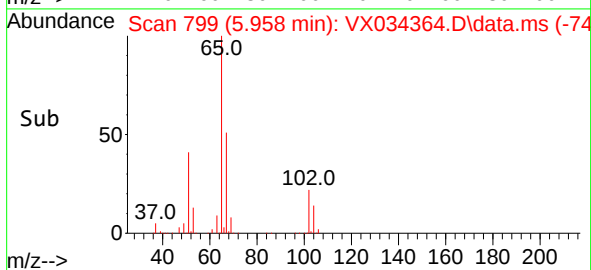
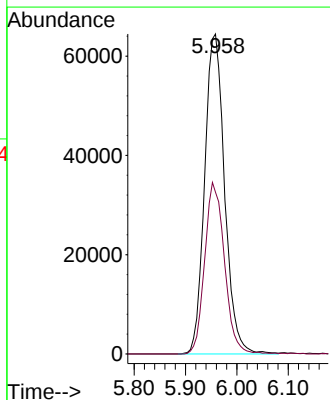
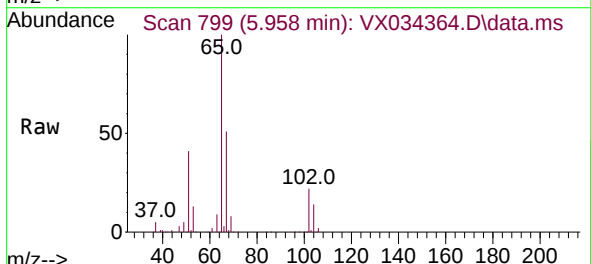
Instrument :
MSVOA_X
ClientSampleId :
PB151253TB

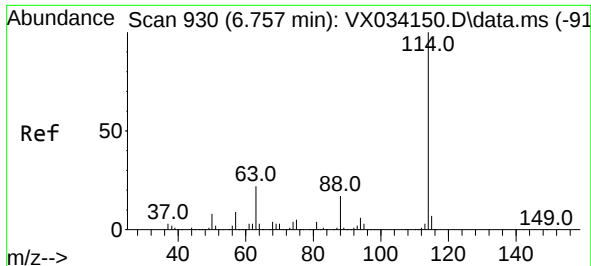
Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.751 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

Tgt Ion: 65 Resp: 174016
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

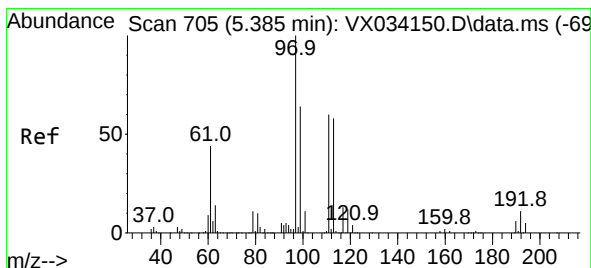
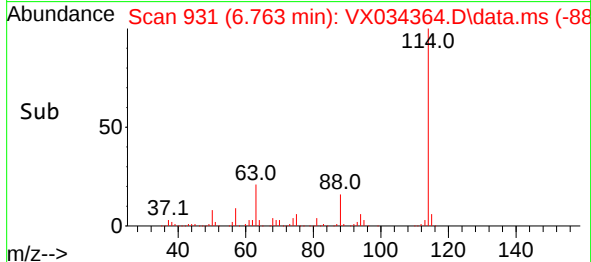
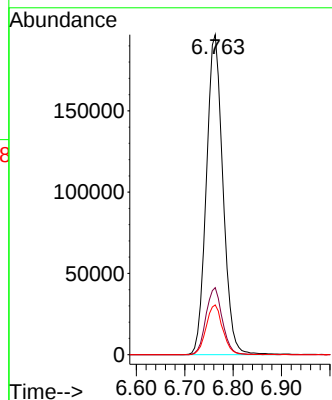
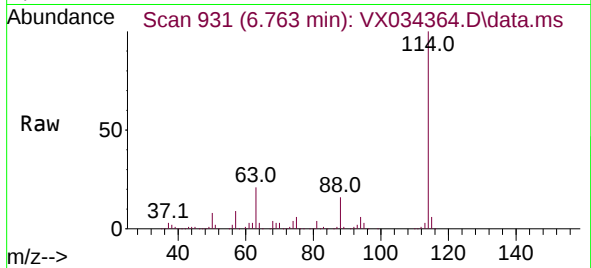




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

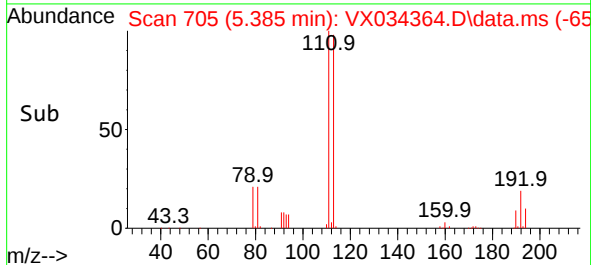
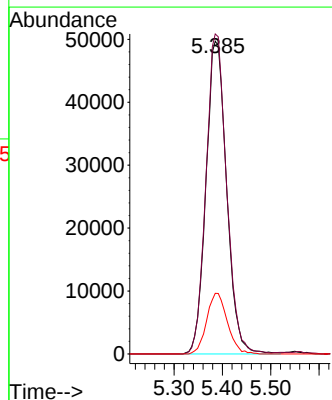
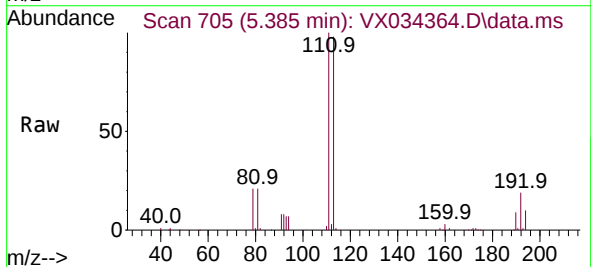
Instrument :
MSVOA_X
ClientSampleId :
PB151253TB

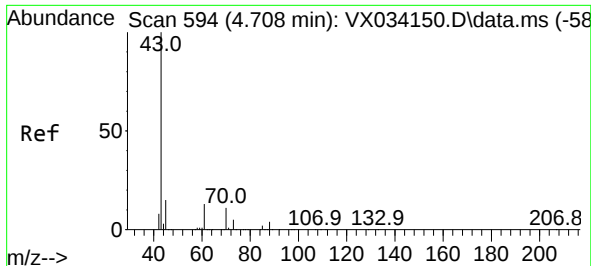
Tgt Ion:114 Resp: 468138
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.393 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

Tgt Ion:113 Resp: 147504
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 19.4 19.0 28.4





#37

Ethyl Acetate

Concen: 13.671 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034364.D

Acq: 07 Mar 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

PB151253TB

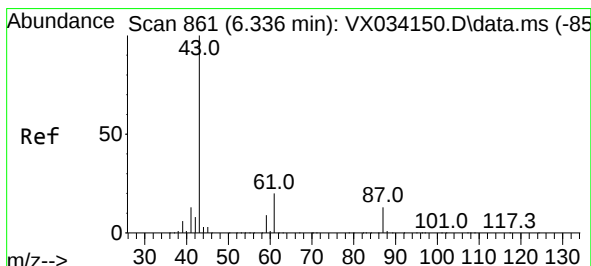
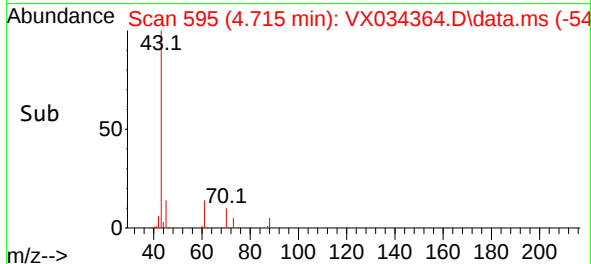
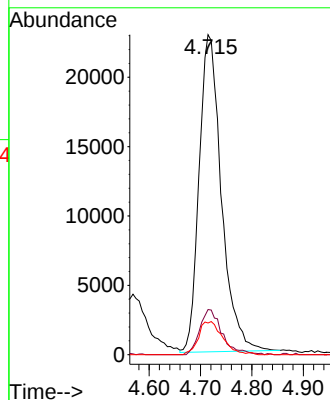
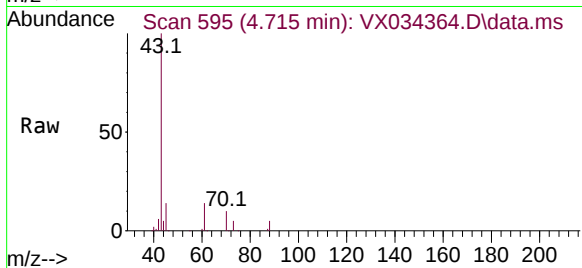
Tgt Ion: 43 Resp: 68870

Ion Ratio Lower Upper

43 100

61 14.3 11.1 16.7

70 11.4 8.5 12.7



#43

Isopropyl Acetate

Concen: 33.182 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034364.D

Acq: 07 Mar 2023 11:50

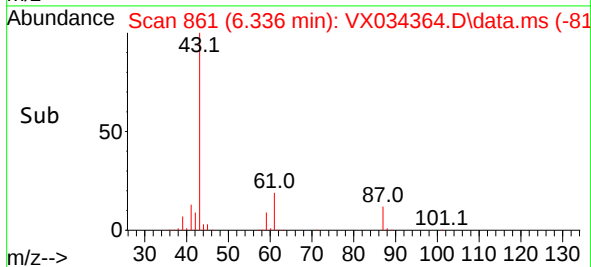
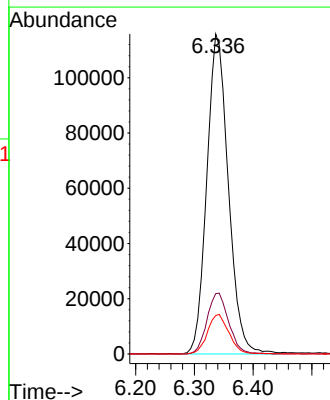
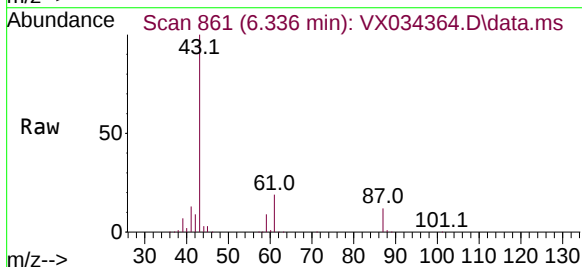
Tgt Ion: 43 Resp: 294992

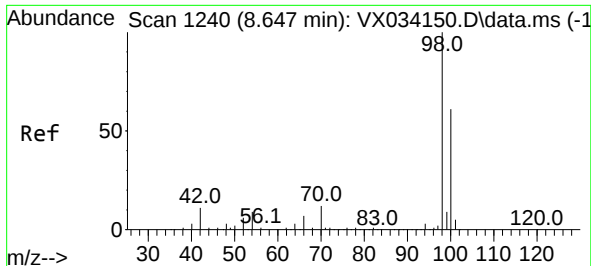
Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

87 12.3 10.6 15.8

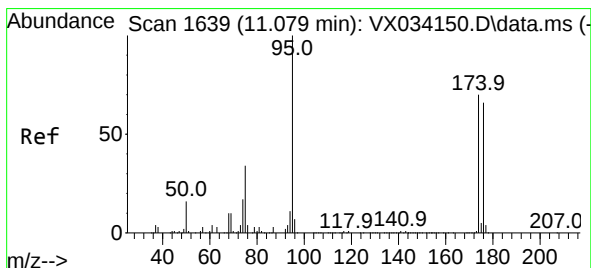
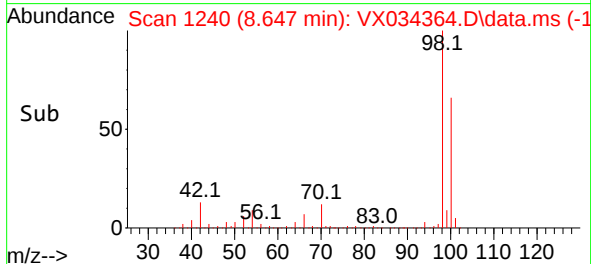
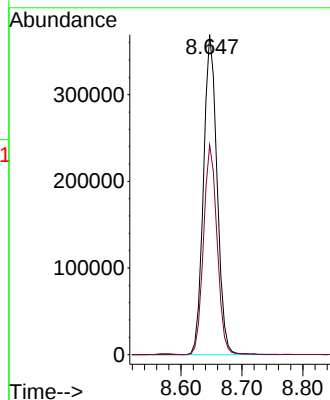
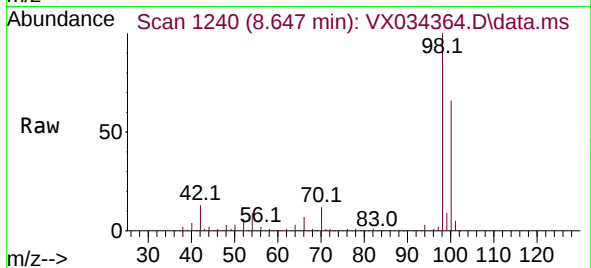




#50
Toluene-d8
Concen: 52.338 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

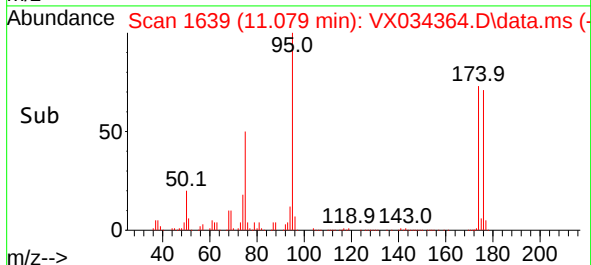
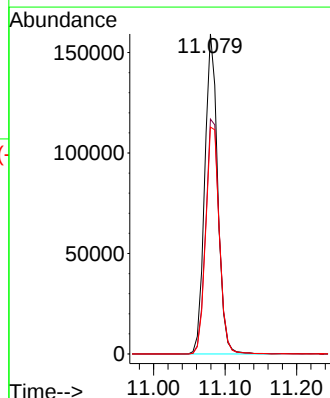
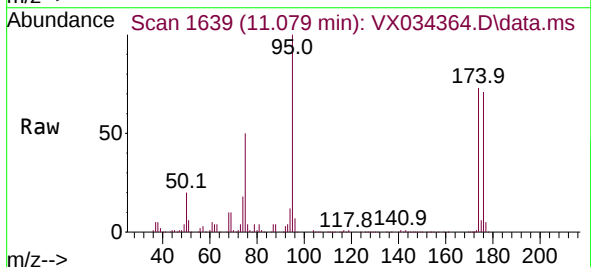
Instrument :
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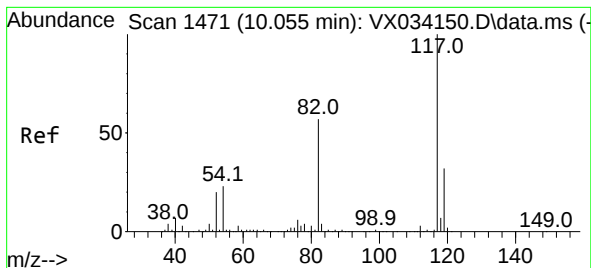
Tgt Ion: 98 Resp: 572763
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034364.D
Acq: 07 Mar 2023 11:50

Tgt Ion: 95 Resp: 200788
Ion Ratio Lower Upper
95 100
174 76.9 0.0 184.4
176 74.8 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034364.D

Acq: 07 Mar 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

PB151253TB

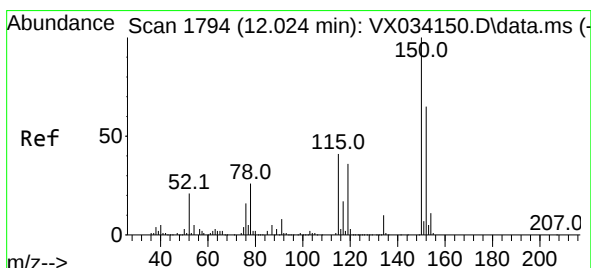
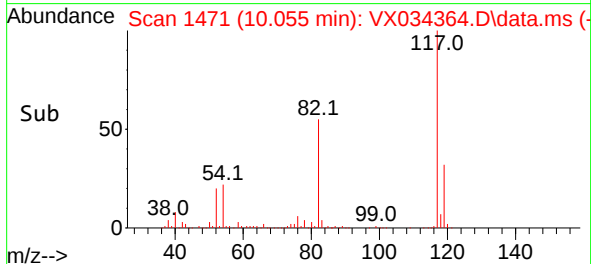
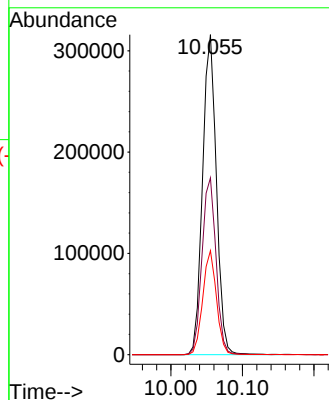
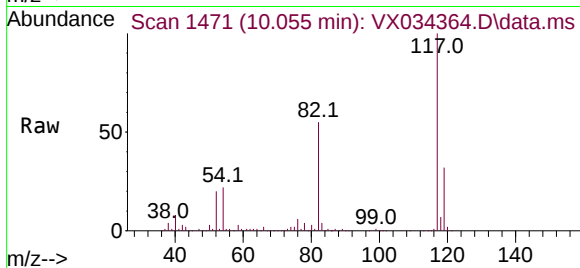
Tgt Ion:117 Resp: 424189

Ion Ratio Lower Upper

117 100

82 55.2 40.6 60.8

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034364.D

Acq: 07 Mar 2023 11:50

Tgt Ion:152 Resp: 181847

Ion Ratio Lower Upper

152 100

115 59.0 38.7 116.1

150 157.4 0.0 348.2

