

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036220.D
 Acq On : 19 Jun 2023 20:46
 Operator : JC/MD
 Sample : PB153531ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#08

Quant Time: Jun 20 03:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

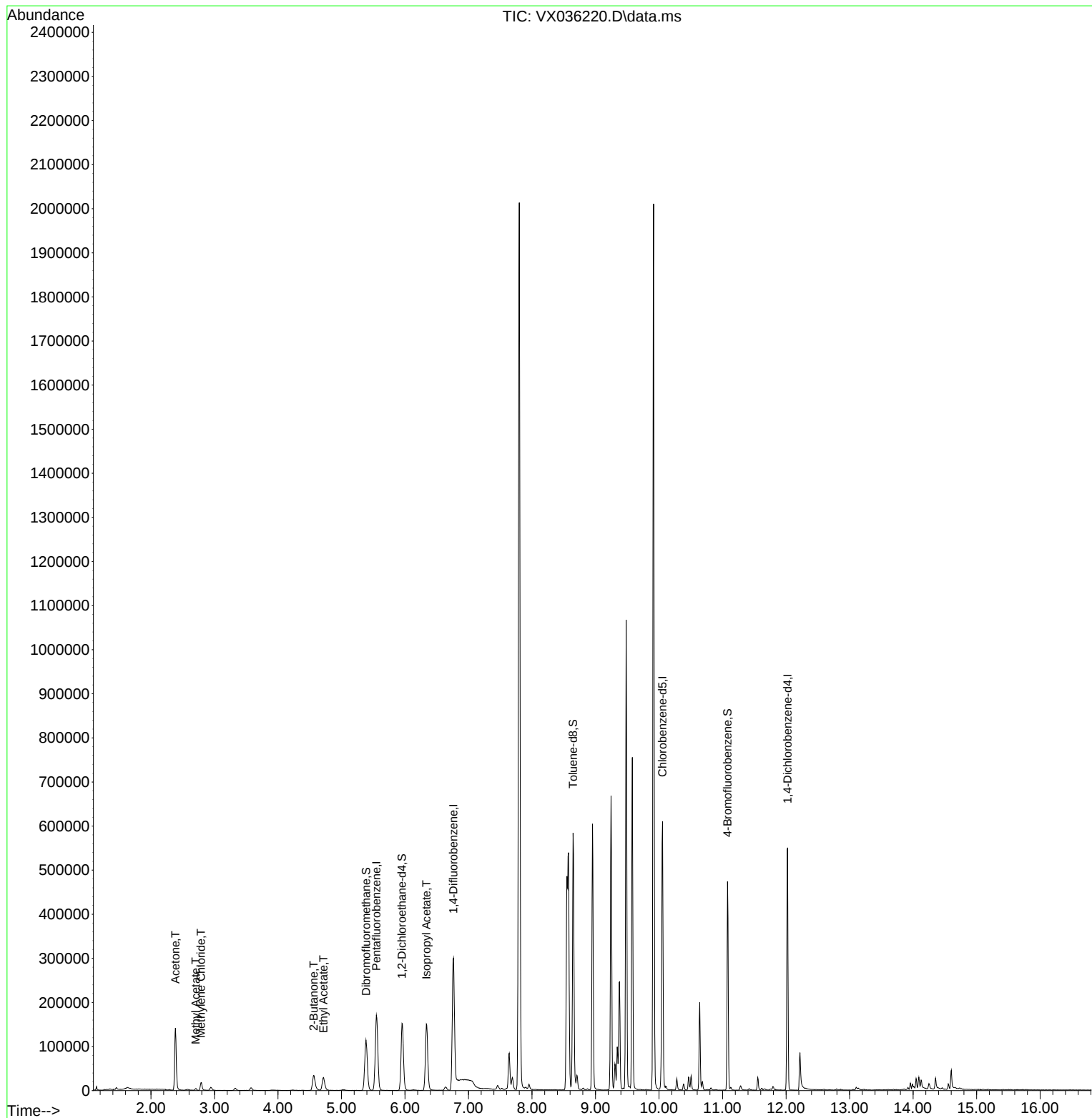
Internal Standards						
1) Pentafluorobenzene	5.550	168	143418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156898	59.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.720%#	
35) Dibromofluoromethane	5.385	113	98889	53.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.740%	
50) Toluene-d8	8.647	98	321076	47.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.740%	
62) 4-Bromofluorobenzene	11.079	95	121777	44.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	165680	152.155	ug/l	99
18) Methyl Acetate	2.703	43	5152	1.248	ug/l	92
20) Methylene Chloride	2.788	84	9092	4.609	ug/l	96
25) 2-Butanone	4.562	43	54474	35.734	ug/l	99
37) Ethyl Acetate	4.715	43	51091	16.067	ug/l	99
43) Isopropyl Acetate	6.336	43	210650	43.285	ug/l	98

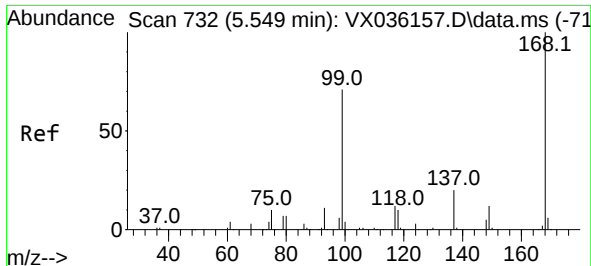
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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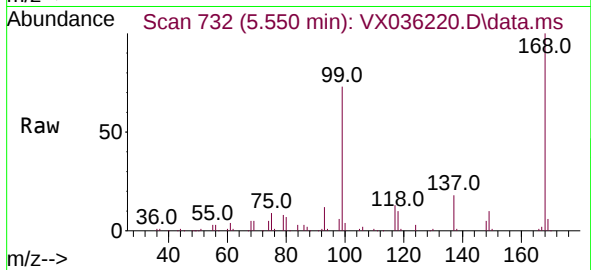
Quant Time: Jun 20 03:49:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



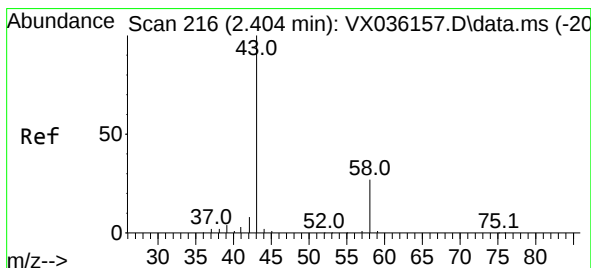
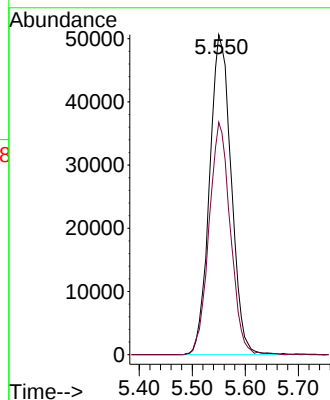
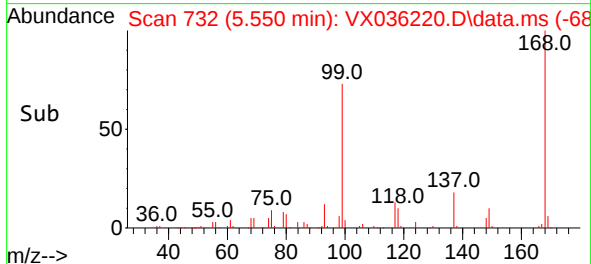


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#08

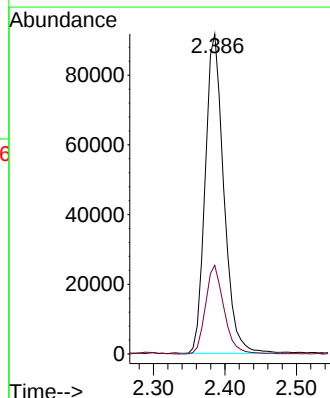
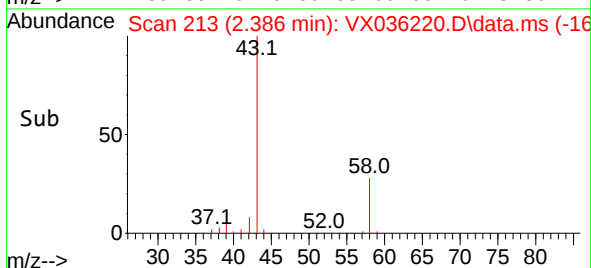
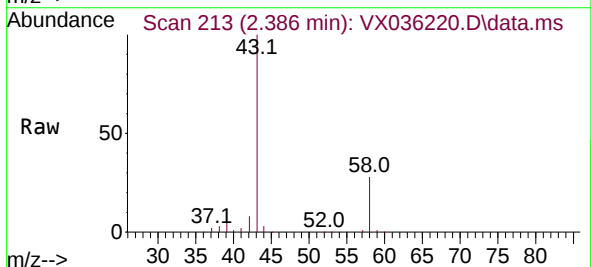


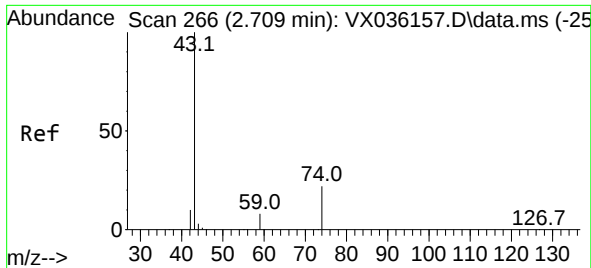
Tgt Ion:168 Resp: 143418
Ion Ratio Lower Upper
168 100
99 72.6 56.6 85.0



#16
Acetone
Concen: 152.155 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Tgt Ion: 43 Resp: 165680
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9

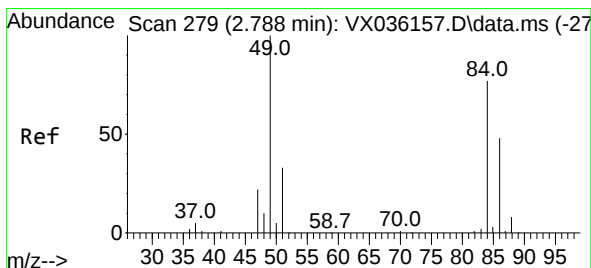
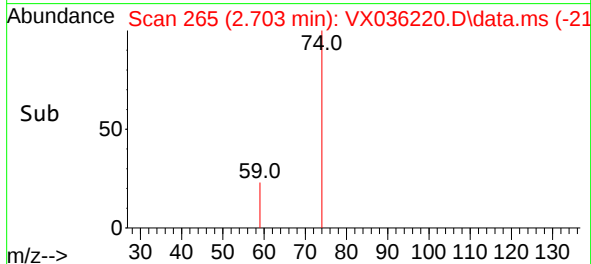
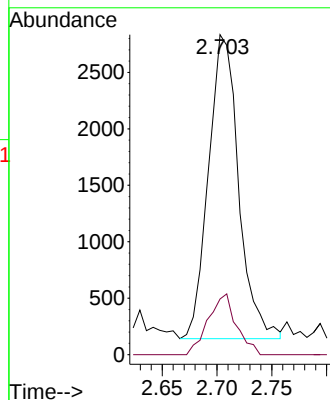
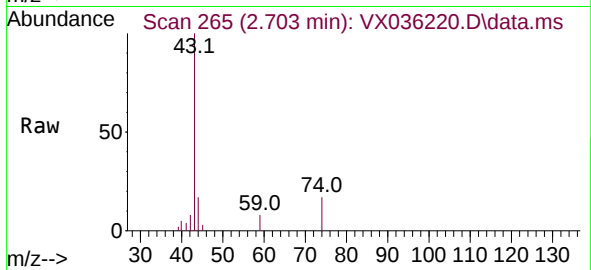




#18
Methyl Acetate
Concen: 1.248 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

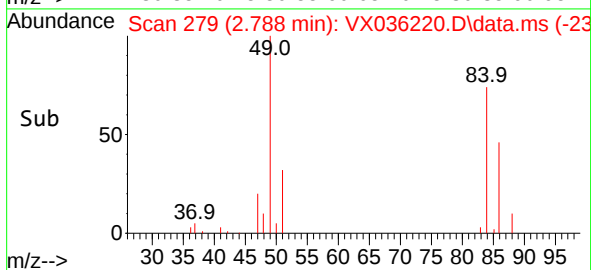
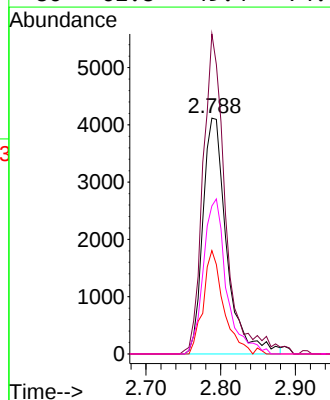
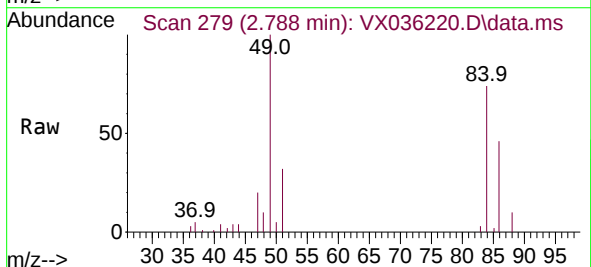
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#08

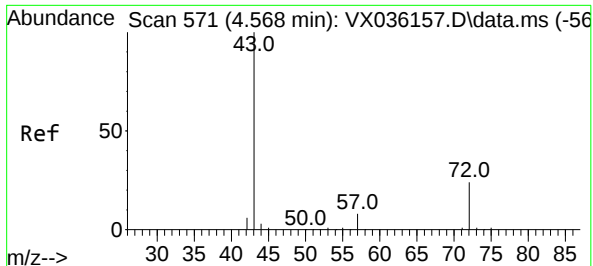
Tgt Ion: 43 Resp: 5152
Ion Ratio Lower Upper
43 100
74 18.7 17.8 26.8



#20
Methylene Chloride
Concen: 4.609 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Tgt Ion: 84 Resp: 9092
Ion Ratio Lower Upper
84 100
49 135.7 103.6 155.4
51 43.8 33.8 50.6
86 62.8 49.4 74.0

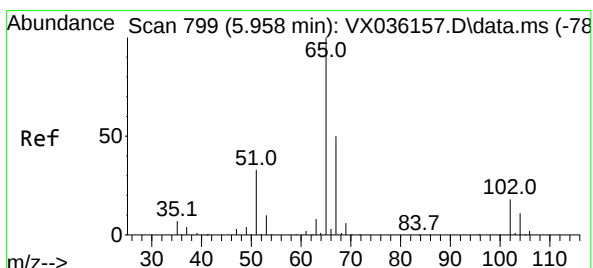
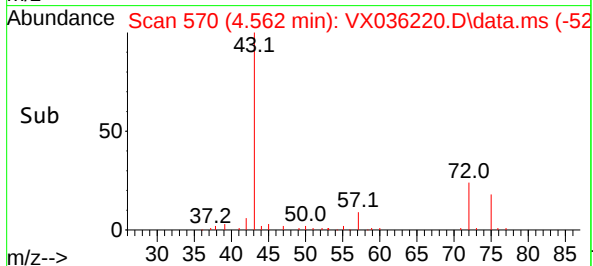
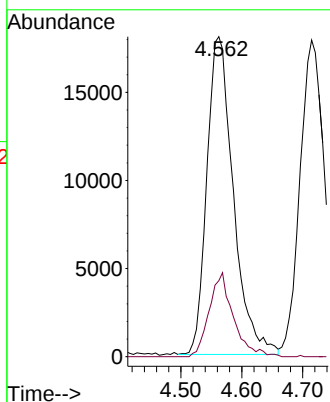
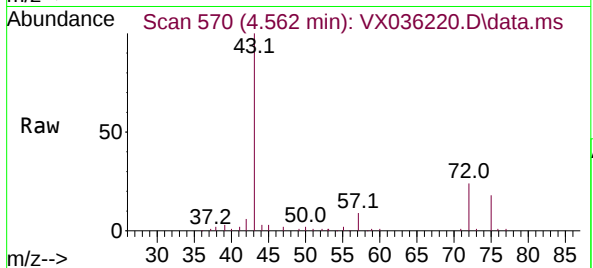




#25
2-Butanone
Concen: 35.734 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

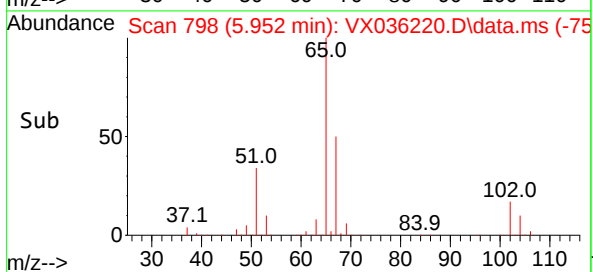
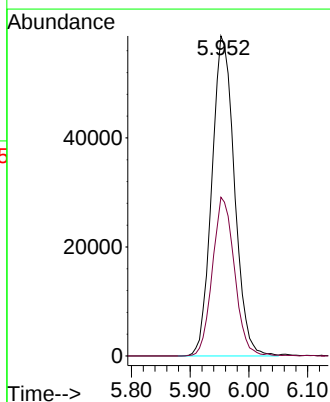
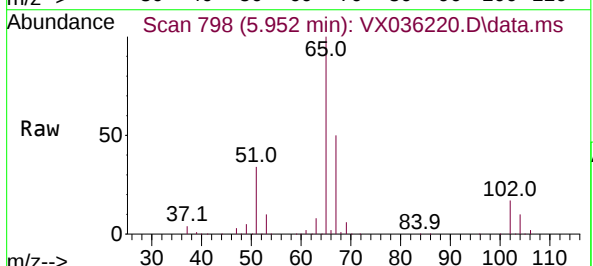
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#08

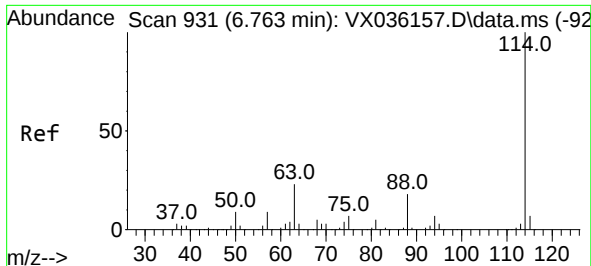
Tgt Ion: 43 Resp: 54474
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 59.865 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Tgt Ion: 65 Resp: 156898
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.2

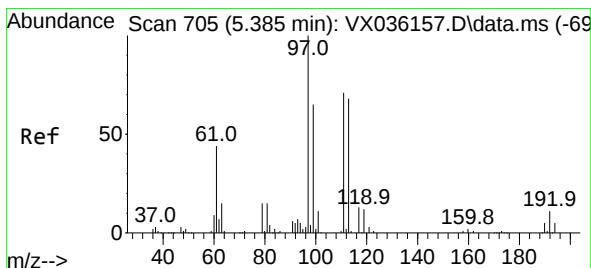
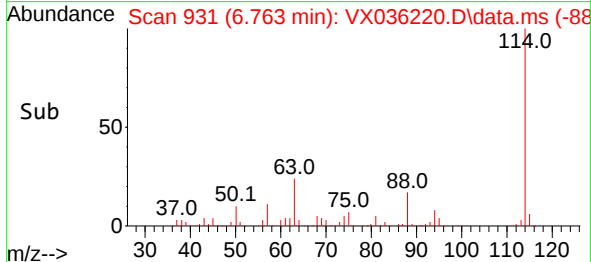
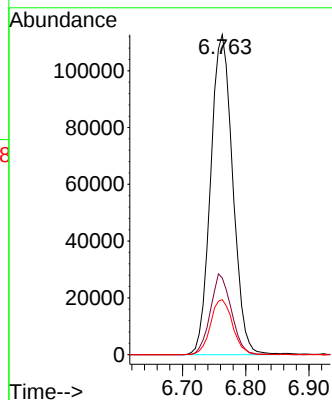
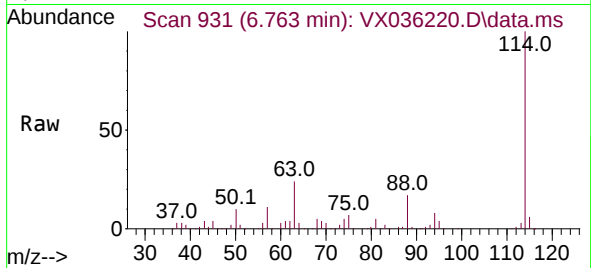




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

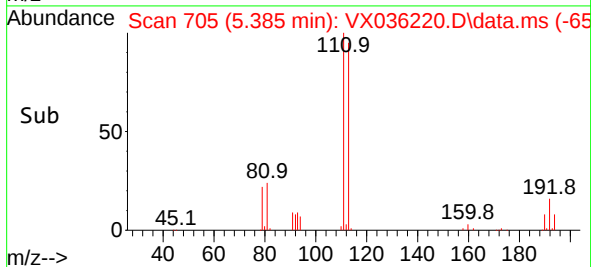
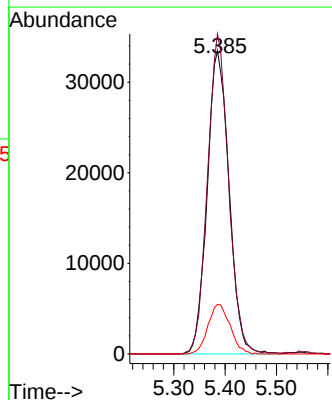
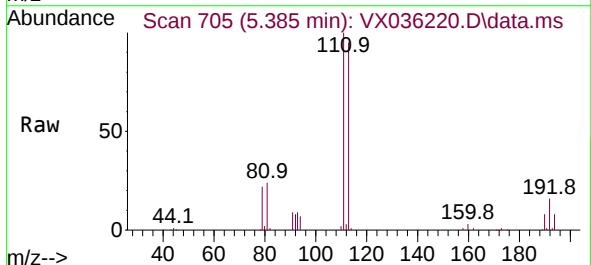
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#08

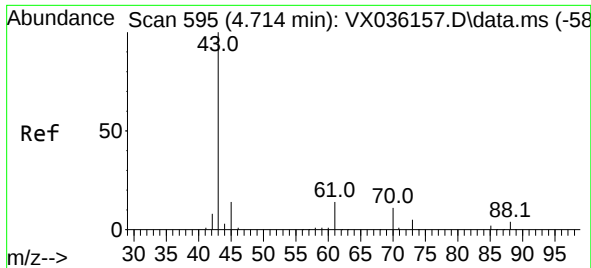
Tgt Ion:114 Resp: 273241
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Tgt Ion:113 Resp: 98889
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.6 13.3 19.9

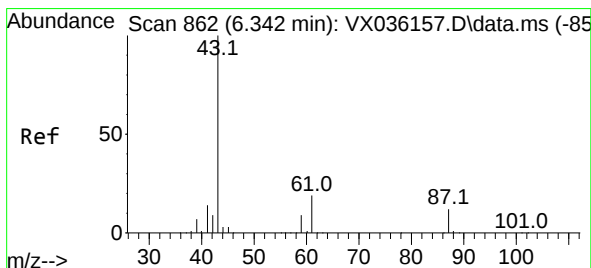
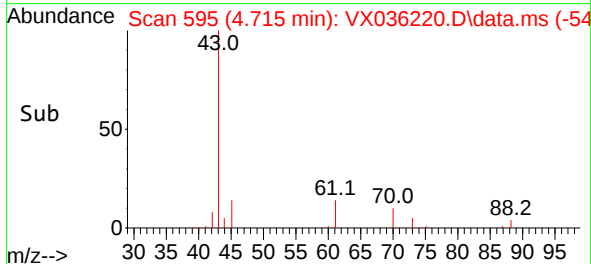
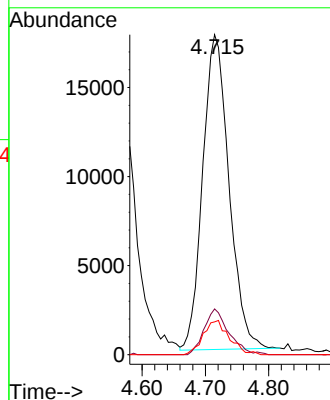
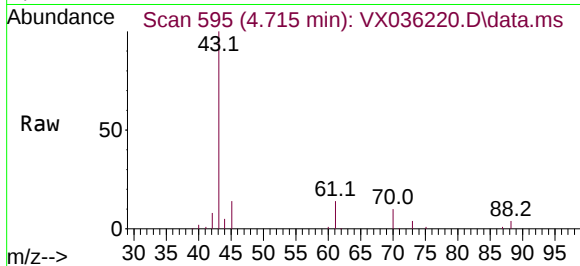




#37
Ethyl Acetate
Concen: 16.067 ug/l
RT: 4.715 min Scan# 510
Delta R.T. 0.001 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

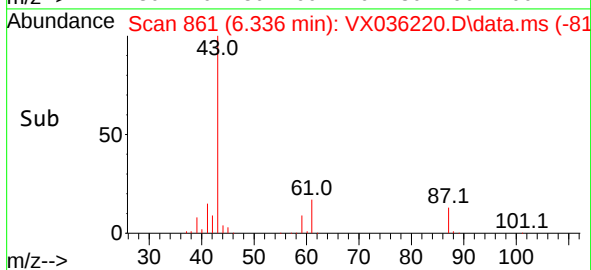
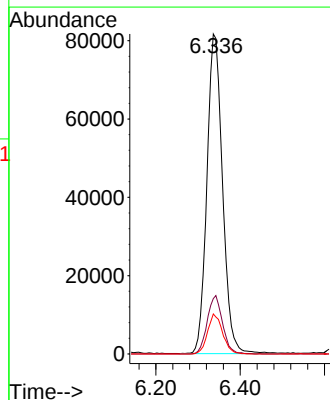
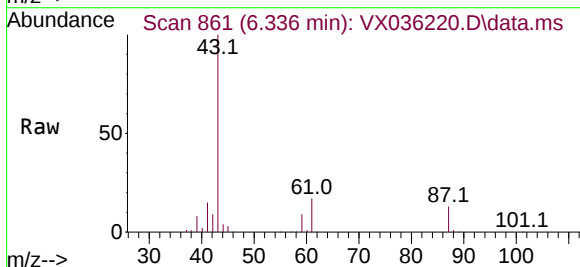
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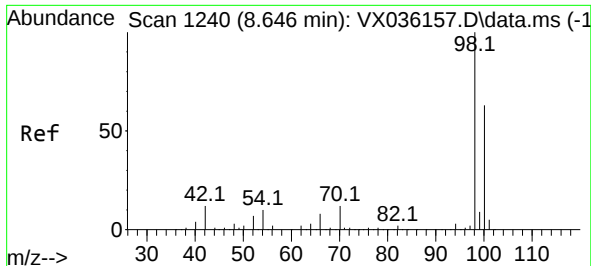
Tgt Ion:	43	Resp:	51091
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	10.8	8.3	12.5



#43
Isopropyl Acetate
Concen: 43.285 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036220.D
Acq: 19 Jun 2023 20:46

Tgt Ion:	43	Resp:	210650
Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.2	22.8
87	12.0	9.8	14.6





#50

Toluene-d8

Concen: 47.372 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036220.D

Acq: 19 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

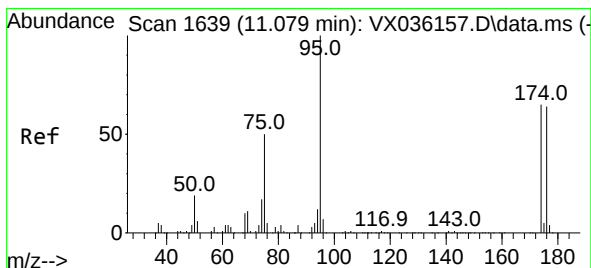
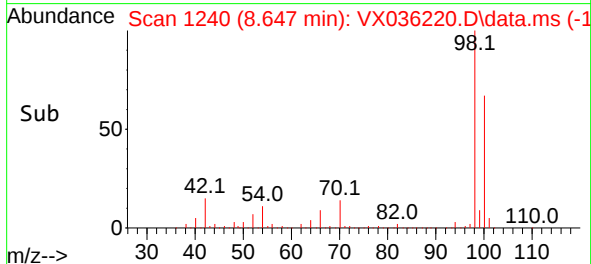
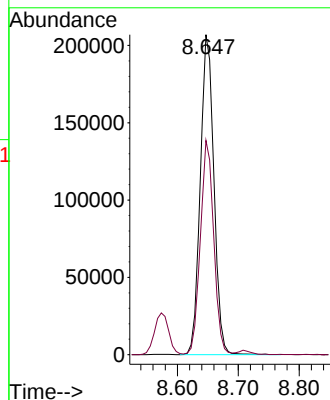
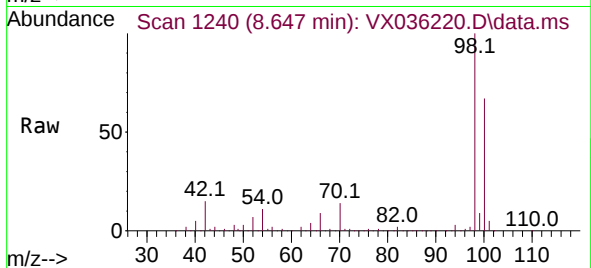
PB153531ZHE#08

Tgt Ion: 98 Resp: 321076

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.511 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036220.D

Acq: 19 Jun 2023 20:46

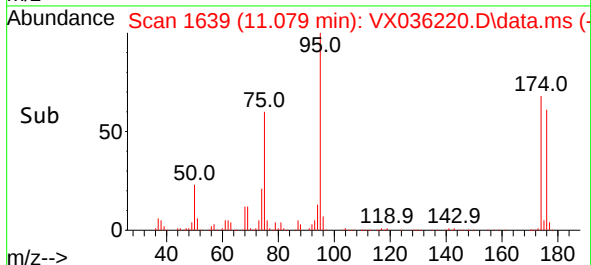
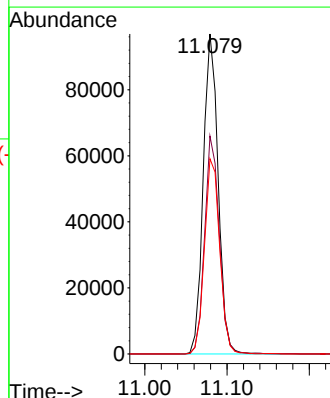
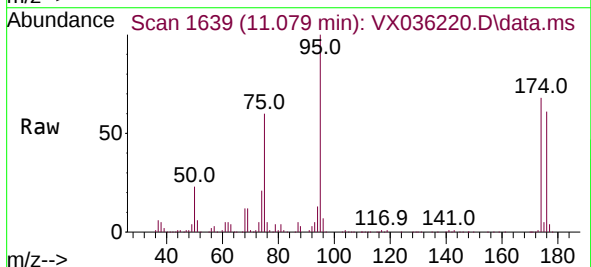
Tgt Ion: 95 Resp: 121777

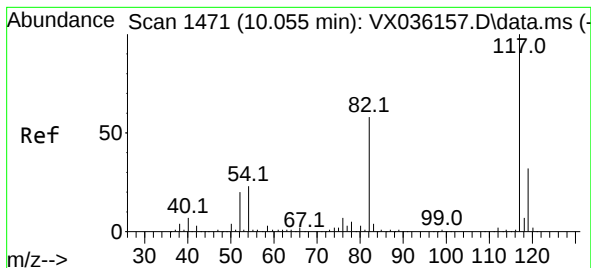
Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.6

176 62.5 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: VX036220.D

Acq: 19 Jun 2023 20:46

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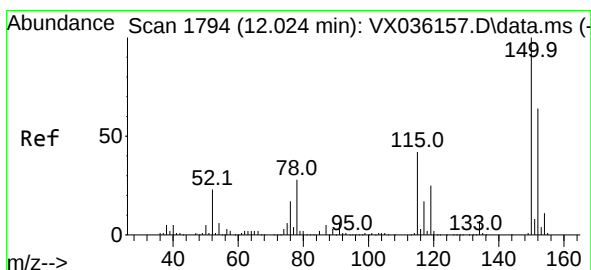
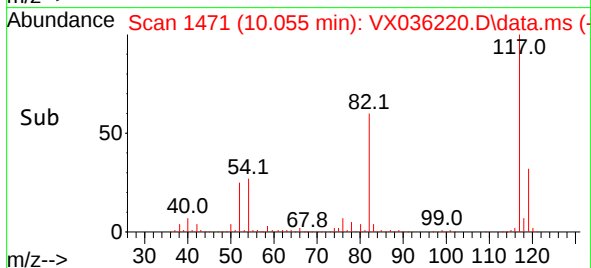
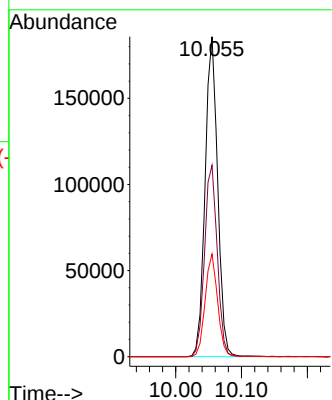
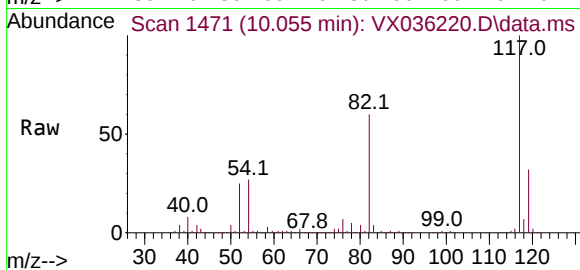
Tgt Ion:117 Resp: 246683

Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.4

119 32.1 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: VX036220.D

Acq: 19 Jun 2023 20:46

Tgt Ion:152 Resp: 105129

Ion Ratio Lower Upper

152 100

115 66.8 43.3 129.9

150 156.7 0.0 345.0

