

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036214.D
 Acq On : 19 Jun 2023 18:25
 Operator : JC/MD
 Sample : PB153531ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#02

Quant Time: Jun 20 03:46:33 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)

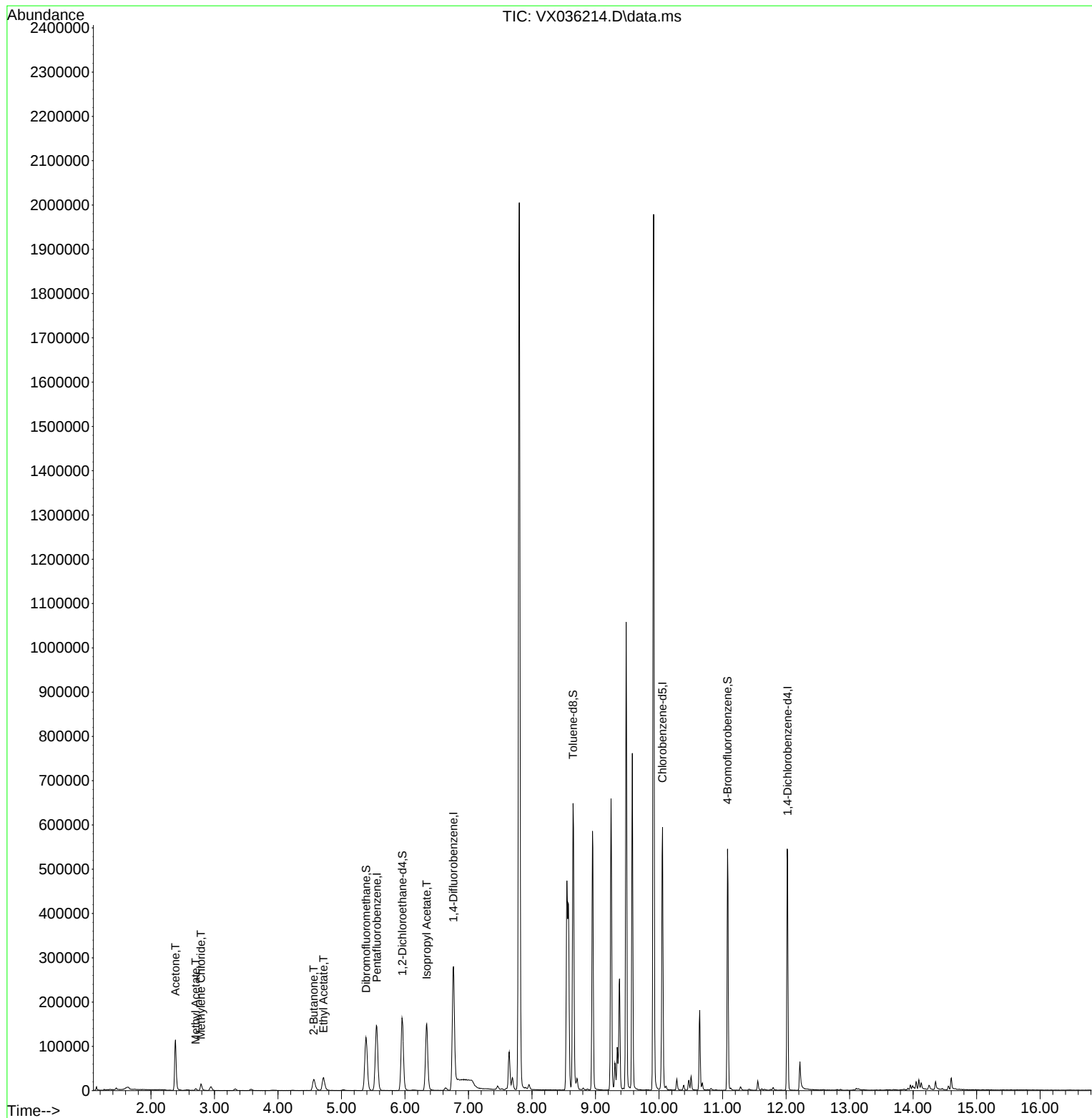
Internal Standards						
1) Pentafluorobenzene	5.556	168	123935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166466	73.500	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 147.000%#		
35) Dibromofluoromethane	5.385	113	104092	61.585	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 123.180%		
50) Toluene-d8	8.647	98	359099	58.082	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 116.160%#		
62) 4-Bromofluorobenzene	11.079	95	140305	56.219	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.440%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	131162	139.391	ug/l	99
18) Methyl Acetate	2.703	43	4804	1.346	ug/l	99
20) Methylene Chloride	2.788	84	6581	3.860	ug/l	88
25) 2-Butanone	4.562	43	42164	32.007	ug/l	94
37) Ethyl Acetate	4.715	43	50797	17.512	ug/l	98
43) Isopropyl Acetate	6.342	43	207368	46.712	ug/l	98

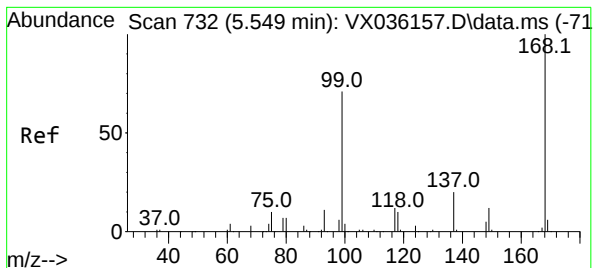
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX036214.D

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Instrument :

MSVOA_X

ClientSampleId :

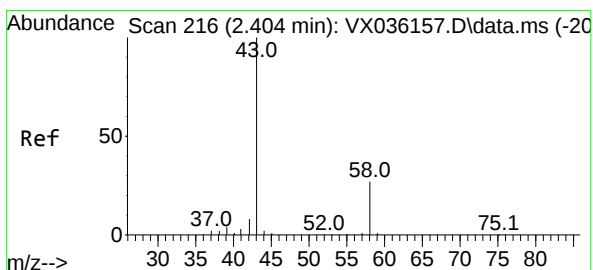
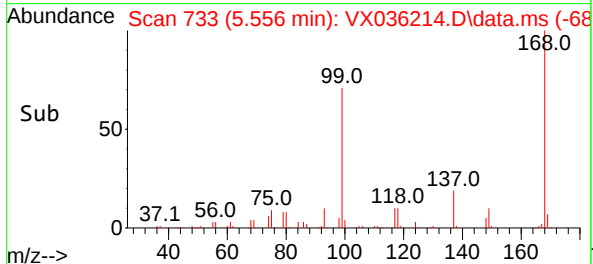
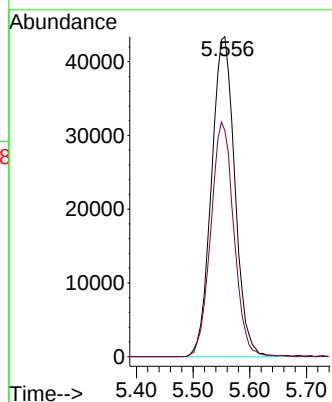
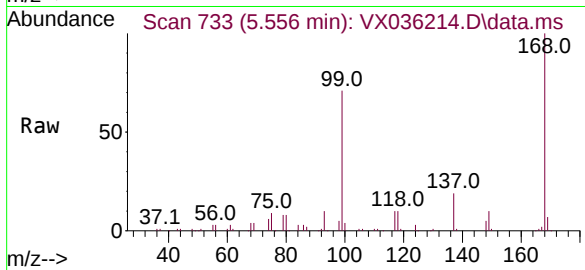
PB153531ZHE#02

Tgt Ion:168 Resp: 123935

Ion Ratio Lower Upper

168 100

99 70.7 56.6 85.0



#16

Acetone

Concen: 139.391 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.018 min

Lab File: VX036214.D

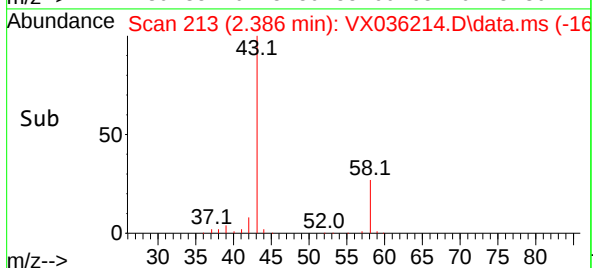
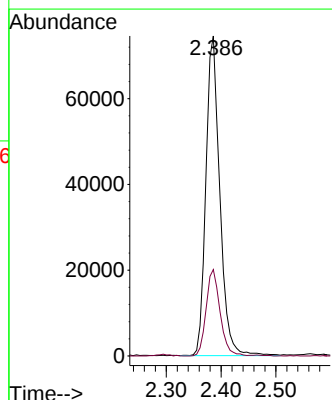
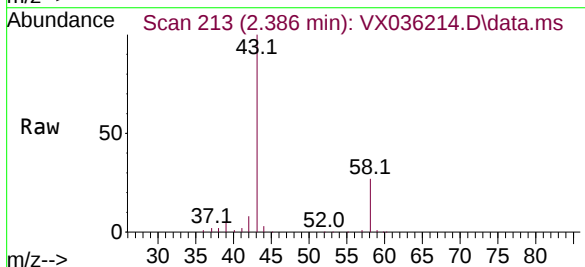
Acq: 19 Jun 2023 18:25

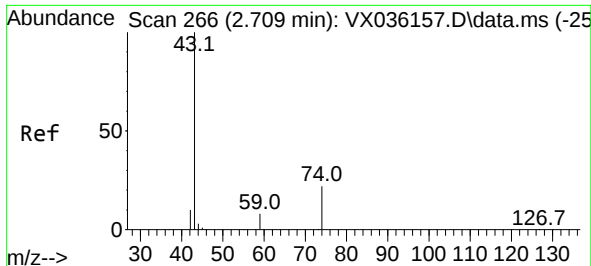
Tgt Ion: 43 Resp: 131162

Ion Ratio Lower Upper

43 100

58 26.9 21.9 32.9

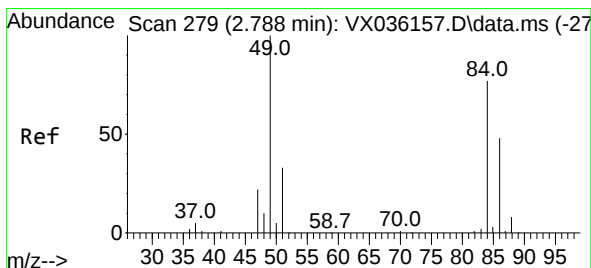
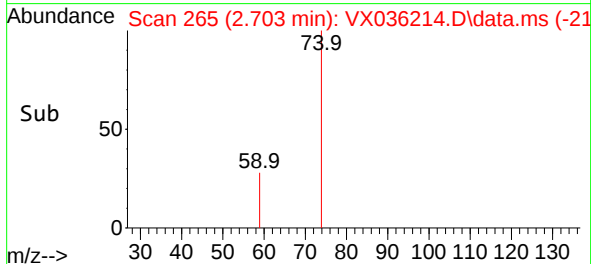
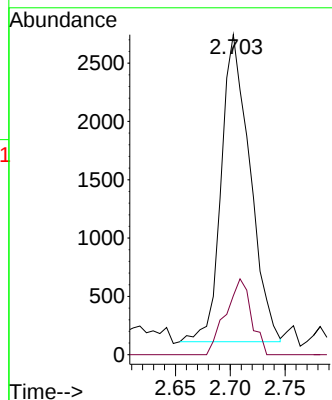
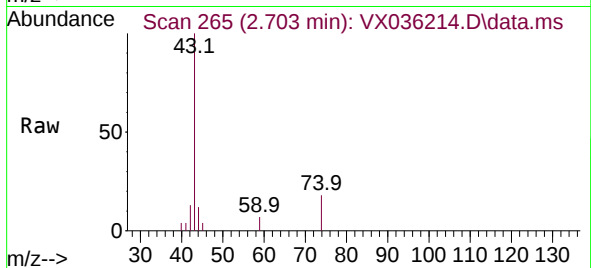




#18
Methyl Acetate
Concen: 1.346 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

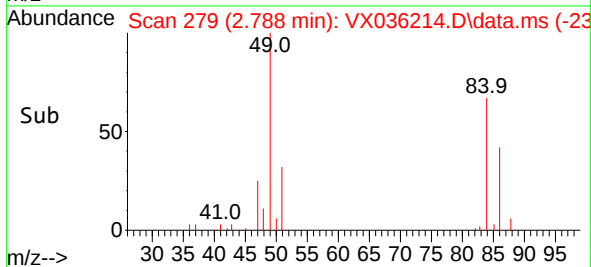
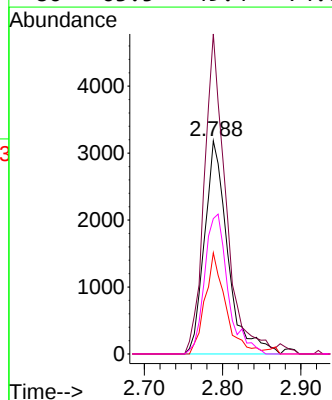
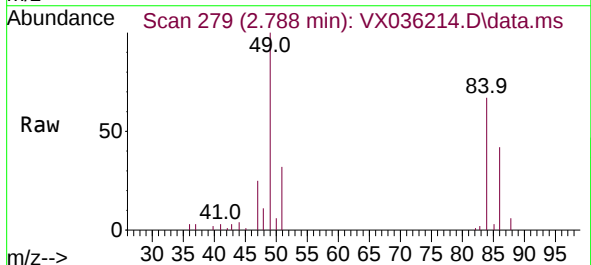
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#02

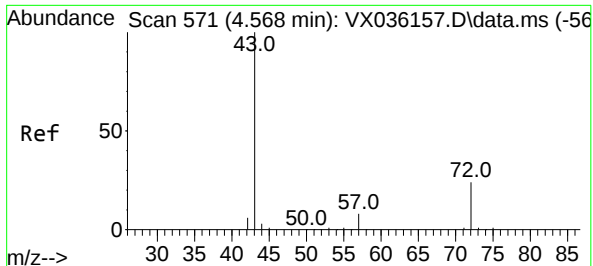
Tgt Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 3.860 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Tgt Ion: 84 Resp: 6581
Ion Ratio Lower Upper
84 100
49 150.1 103.6 155.4
51 47.5 33.8 50.6
86 63.5 49.4 74.0

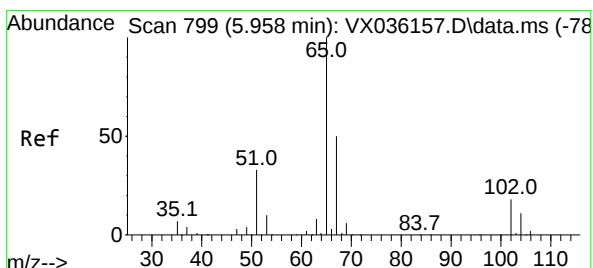
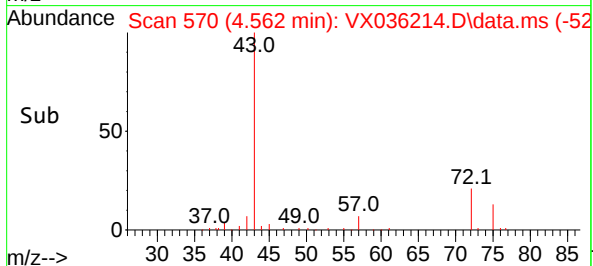
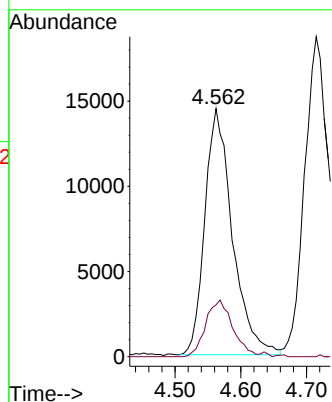
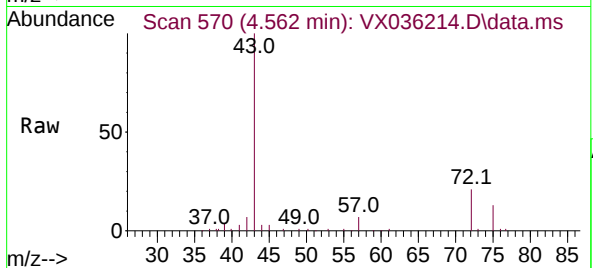




#25
2-Butanone
Concen: 32.007 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

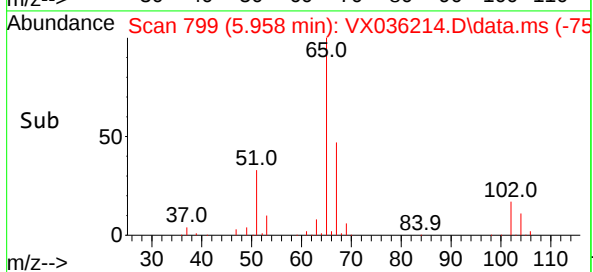
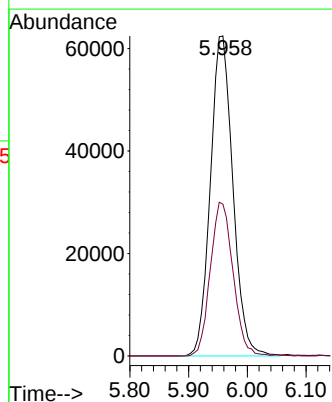
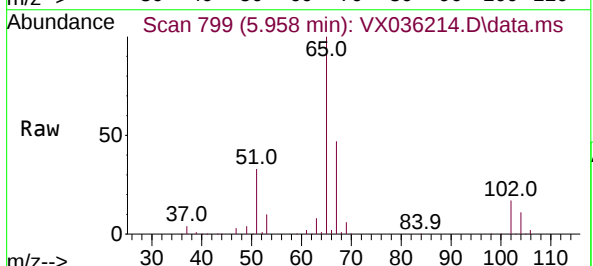
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#02

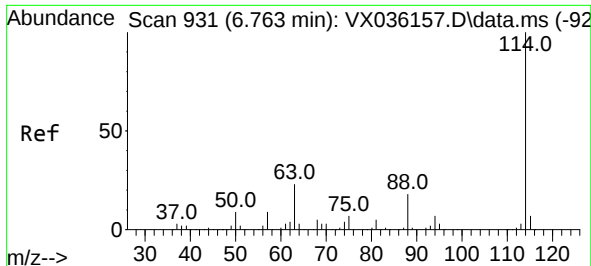
Tgt Ion: 43 Resp: 42164
Ion Ratio Lower Upper
43 100
72 21.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 73.500 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Tgt Ion: 65 Resp: 166466
Ion Ratio Lower Upper
65 100
67 48.4 0.0 100.2

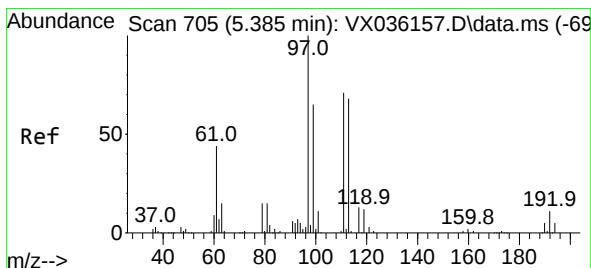
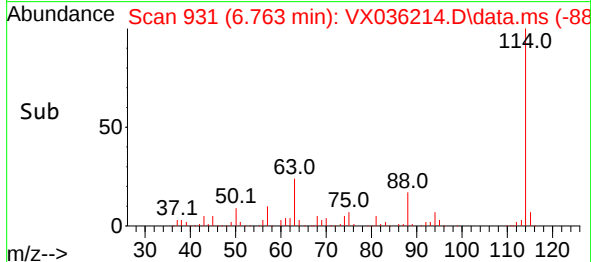
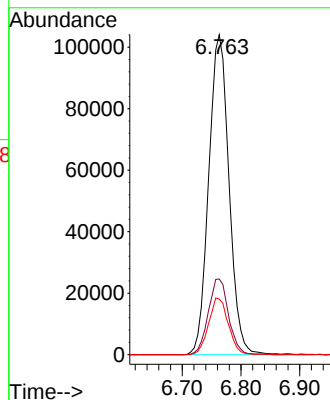
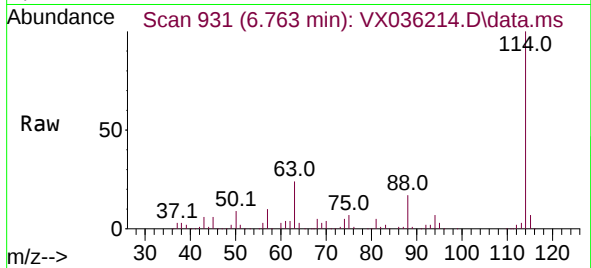




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

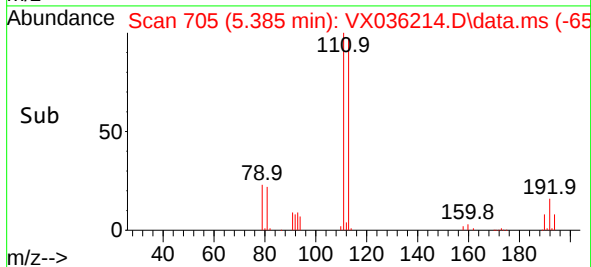
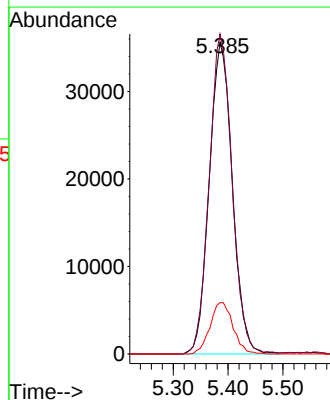
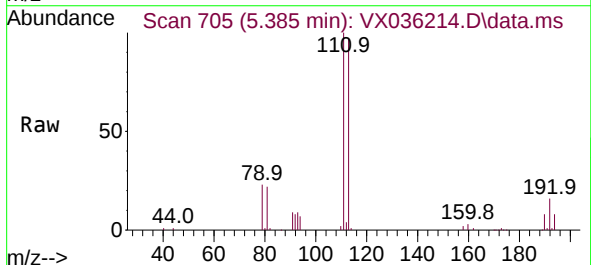
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#02

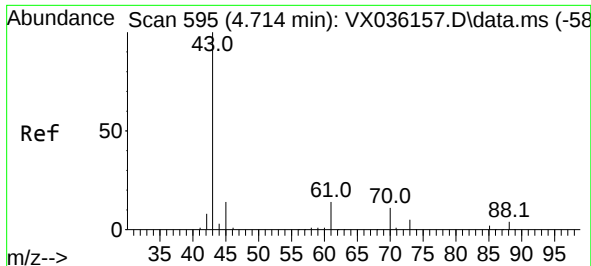
Tgt Ion:114 Resp: 249250
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 61.585 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Tgt Ion:113 Resp: 104092
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.5 13.3 19.9





#37

Ethyl Acetate

Concen: 17.512 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036214.D

Acq: 19 Jun 2023 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB153531ZHE#02

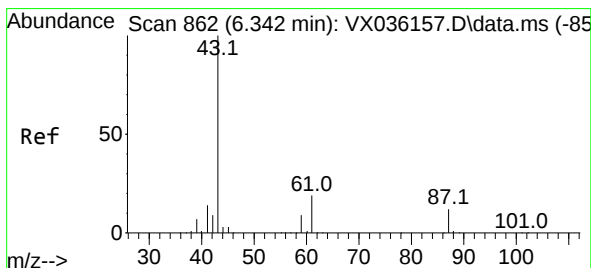
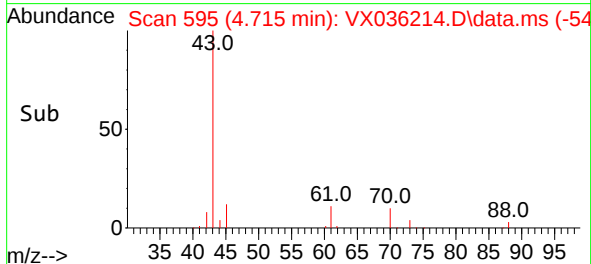
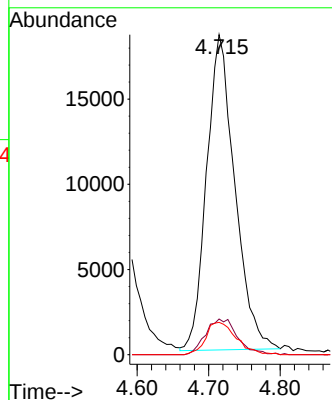
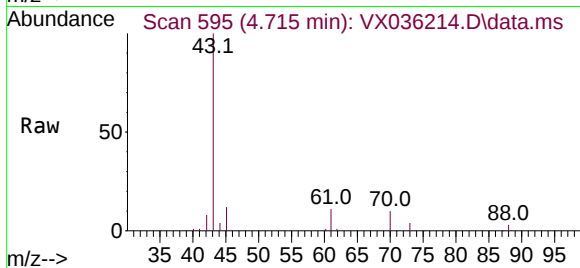
Tgt Ion: 43 Resp: 50797

Ion Ratio Lower Upper

43 100

61 12.8 10.6 16.0

70 11.1 8.3 12.5



#43

Isopropyl Acetate

Concen: 46.712 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036214.D

Acq: 19 Jun 2023 18:25

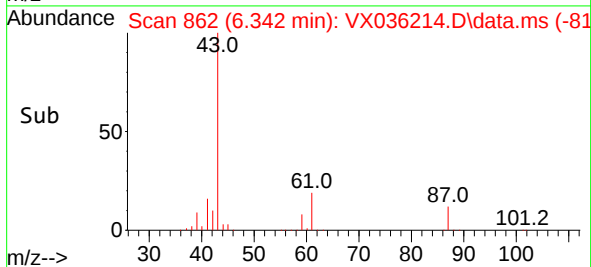
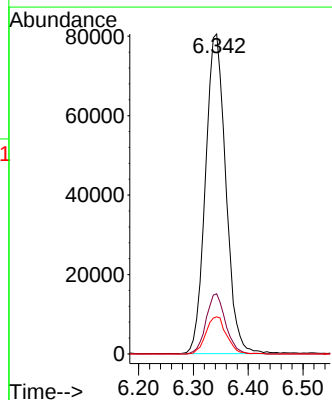
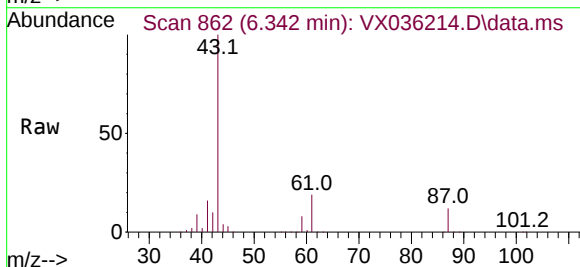
Tgt Ion: 43 Resp: 207368

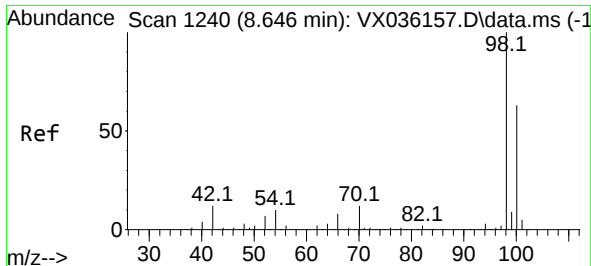
Ion Ratio Lower Upper

43 100

61 18.0 15.2 22.8

87 11.6 9.8 14.6

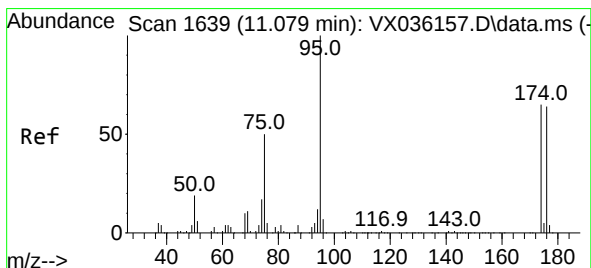
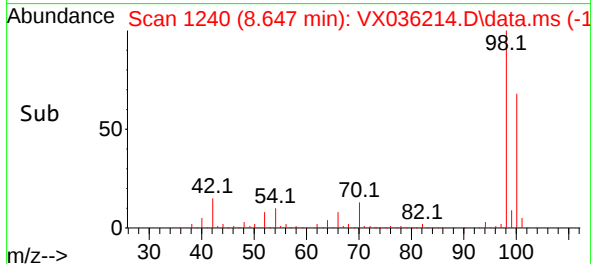
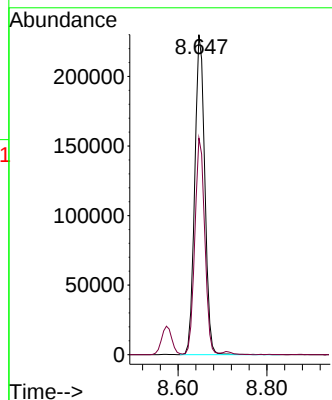
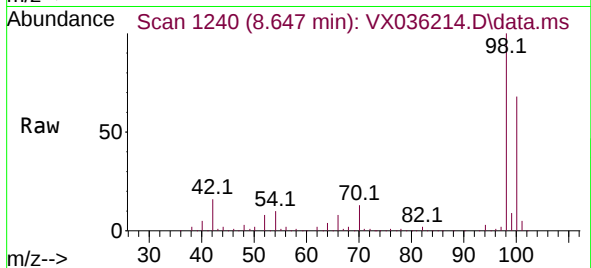




#50
Toluene-d8
Concen: 58.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

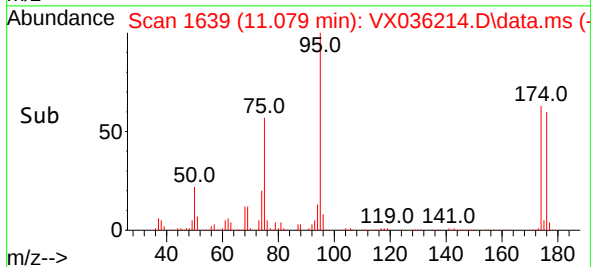
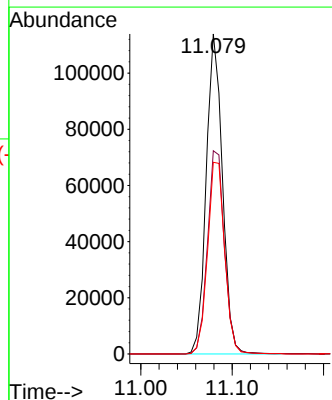
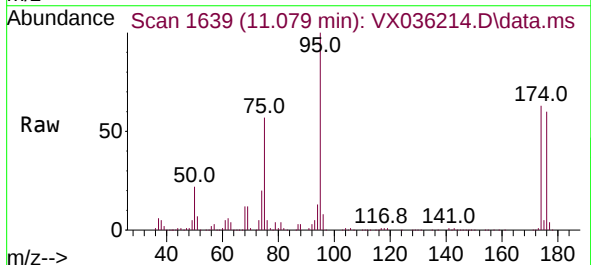
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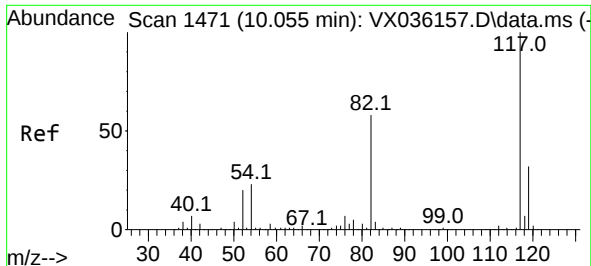
Tgt Ion: 98 Resp: 359099
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Tgt Ion: 95 Resp: 140305
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 63.4 0.0 131.0

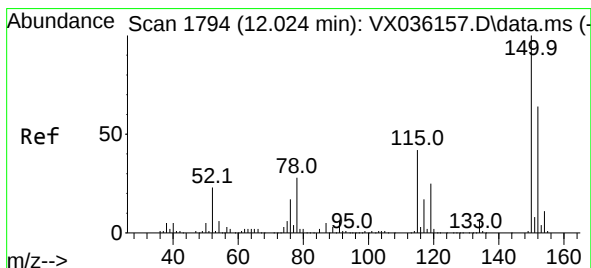
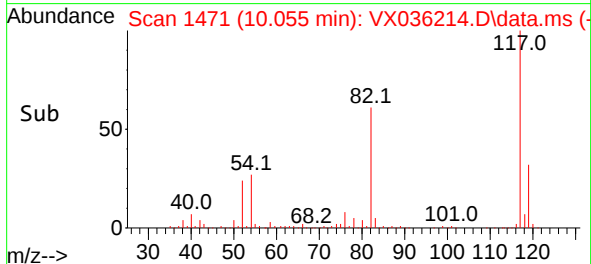
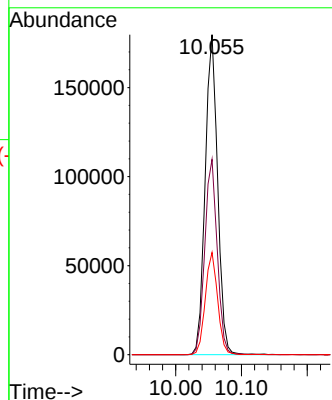
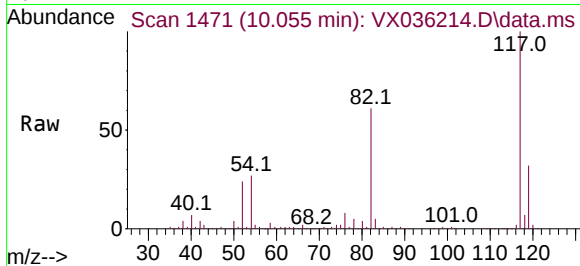




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#02

Tgt Ion:117 Resp: 236712
Ion Ratio Lower Upper
117 100
82 61.0 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. 0.000 min
Lab File: VX036214.D
Acq: 19 Jun 2023 18:25

Tgt Ion:152 Resp: 104096
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 155.9 0.0 345.0

