

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036224.D
 Acq On : 19 Jun 2023 22:20
 Operator : JC/MD
 Sample : PB153531ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#12

Quant Time: Jun 20 03:51:00 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)

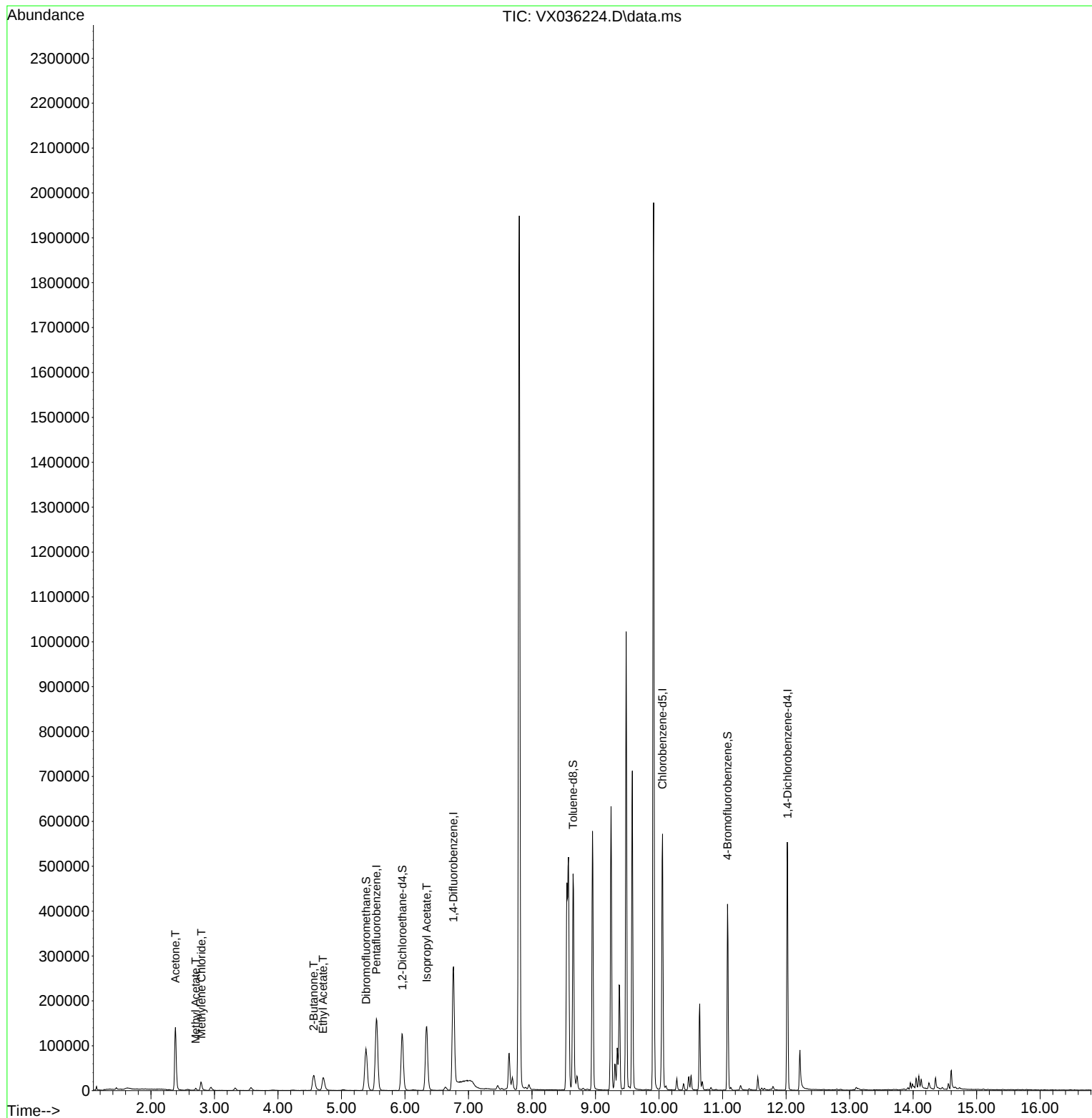
Internal Standards						
1) Pentafluorobenzene	5.550	168	133501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127567	52.289	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.580%		
35) Dibromofluoromethane	5.385	113	79570	47.100	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.200%		
50) Toluene-d8	8.647	98	267879	43.349	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 86.700%#		
62) 4-Bromofluorobenzene	11.079	95	105973	42.483	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.960%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	163040	160.853	ug/l	98
18) Methyl Acetate	2.703	43	5067	1.318	ug/l	96
20) Methylene Chloride	2.794	84	8622	4.695	ug/l	94
25) 2-Butanone	4.562	43	52457	36.967	ug/l	97
37) Ethyl Acetate	4.708	43	53134	18.326	ug/l	99
43) Isopropyl Acetate	6.342	43	202710	45.685	ug/l	98

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

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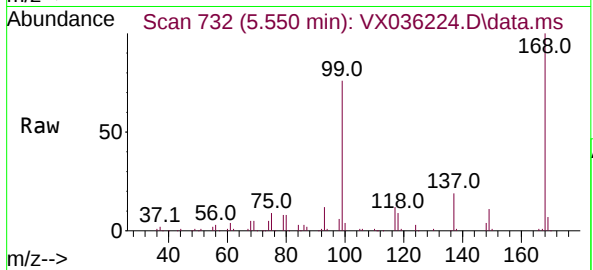
Quant Time: Jun 20 03:51:00 2023
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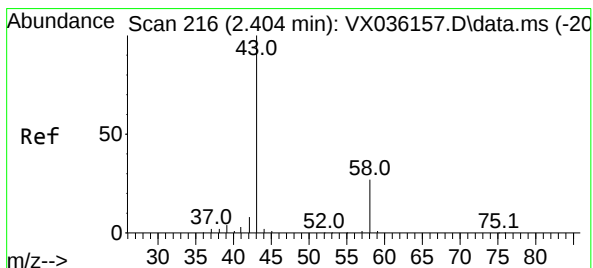
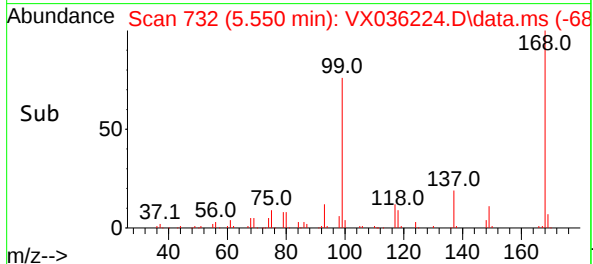
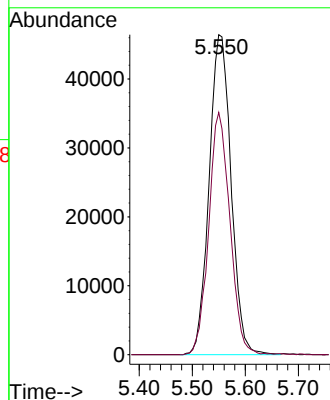


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036224.D
Acq: 19 Jun 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#12

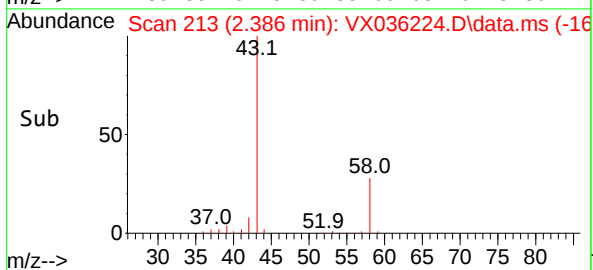
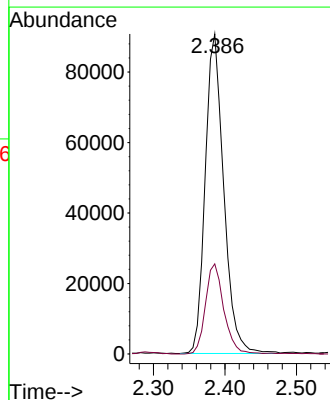
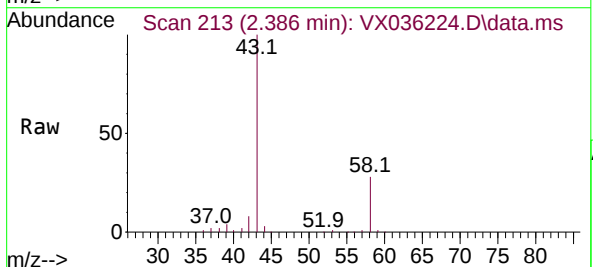


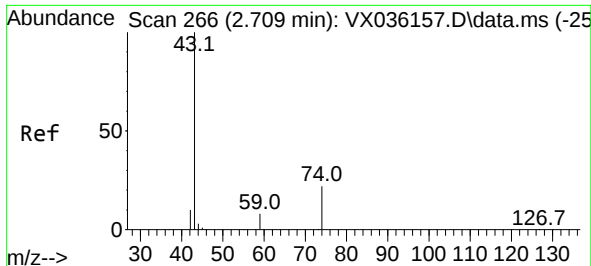
Tgt Ion:168 Resp: 133501
Ion Ratio Lower Upper
168 100
99 75.7 56.6 85.0



#16
Acetone
Concen: 160.853 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036224.D
Acq: 19 Jun 2023 22:20

Tgt Ion: 43 Resp: 163040
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

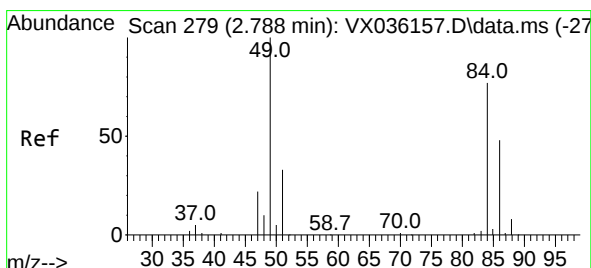
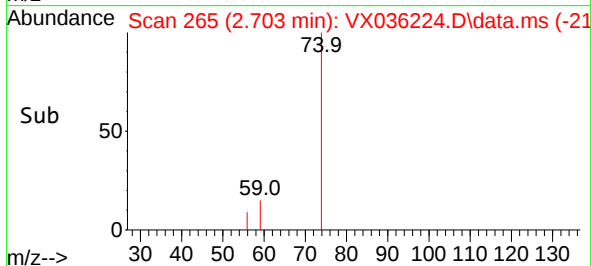
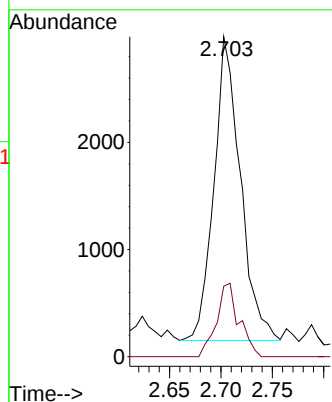
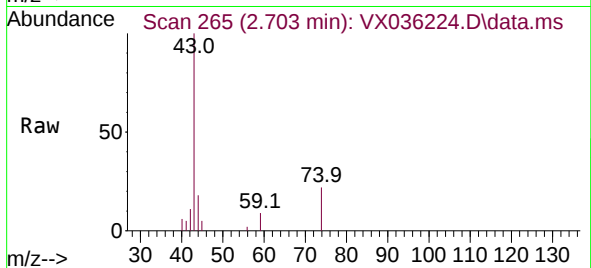




#18
Methyl Acetate
Concen: 1.318 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX036224.D
Acq: 19 Jun 2023 22:20

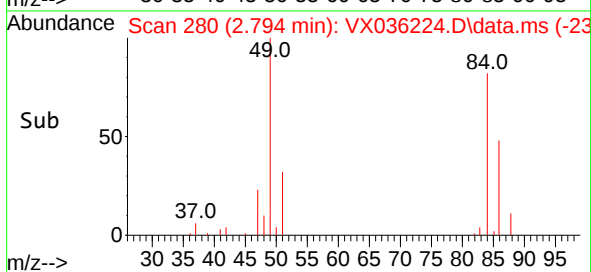
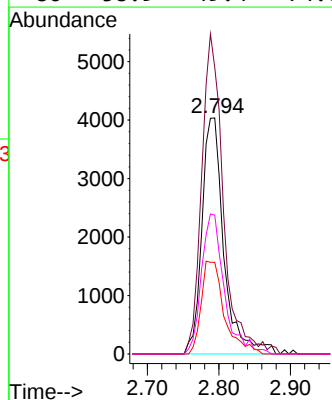
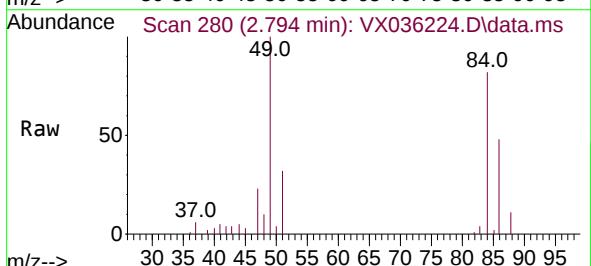
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#12

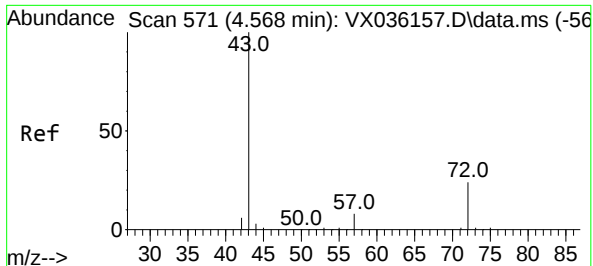
Tgt Ion: 43 Resp: 5067
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



#20
Methylene Chloride
Concen: 4.695 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036224.D
Acq: 19 Jun 2023 22:20

Tgt Ion: 84 Resp: 8622
Ion Ratio Lower Upper
84 100
49 121.4 103.6 155.4
51 38.8 33.8 50.6
86 58.9 49.4 74.0





#25

2-Butanone

Concen: 36.967 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036224.D

Acq: 19 Jun 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

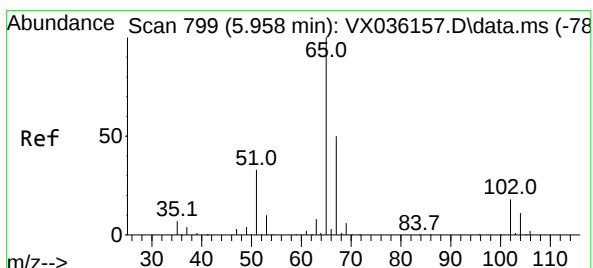
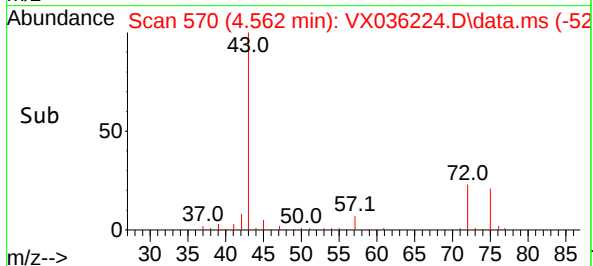
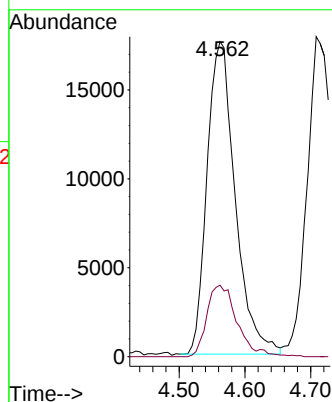
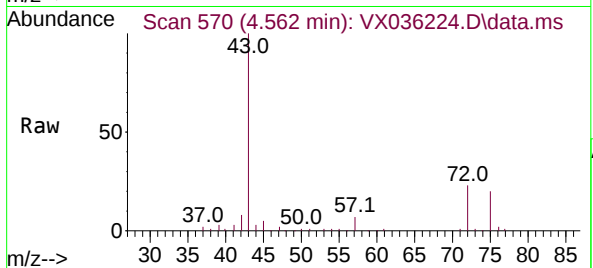
PB153531ZHE#12

Tgt Ion: 43 Resp: 52457

Ion Ratio Lower Upper

43 100

72 22.9 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 52.289 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036224.D

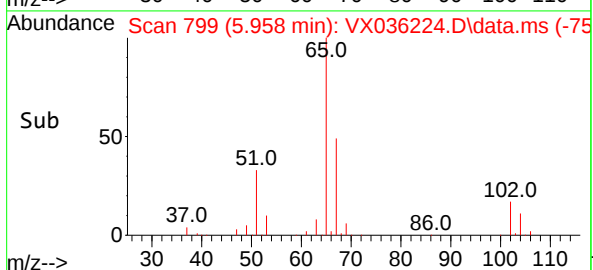
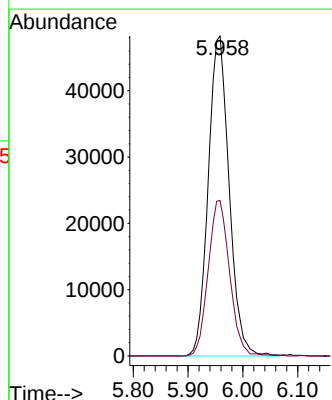
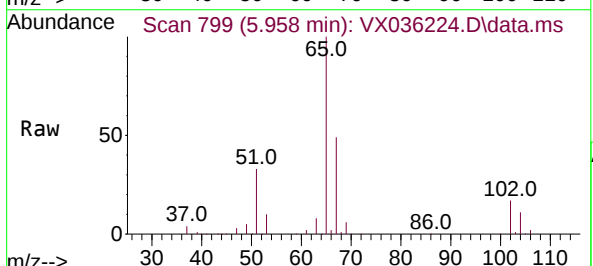
Acq: 19 Jun 2023 22:20

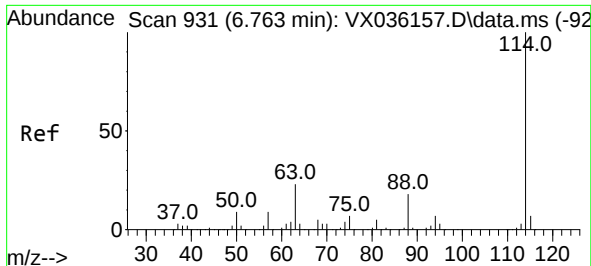
Tgt Ion: 65 Resp: 127567

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2

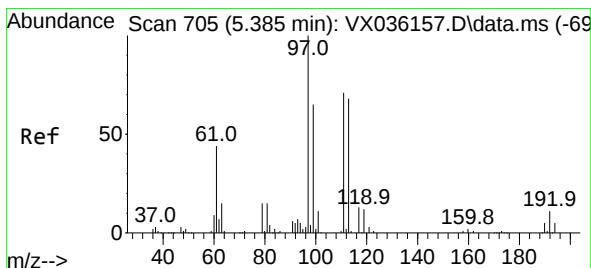
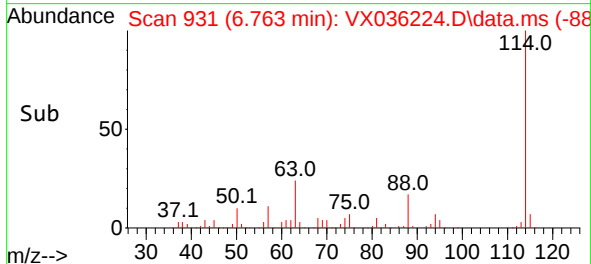
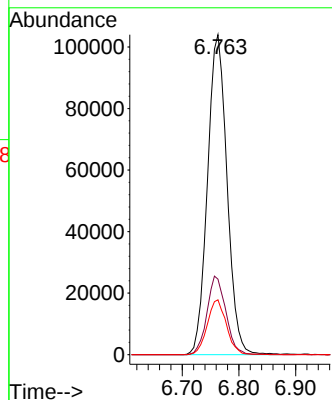
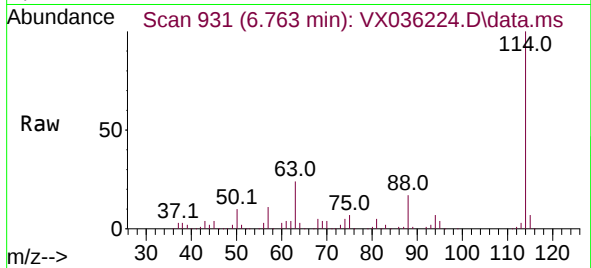




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX036224.D
 Acq: 19 Jun 2023 22:20

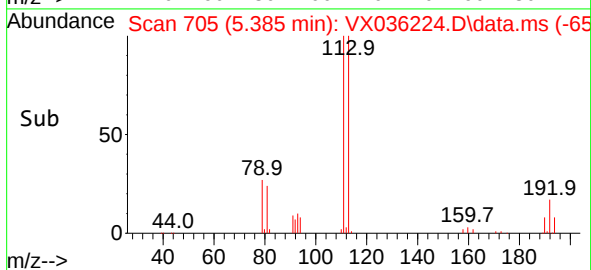
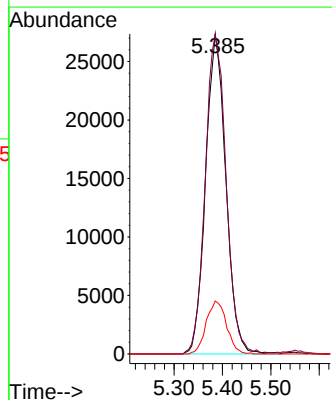
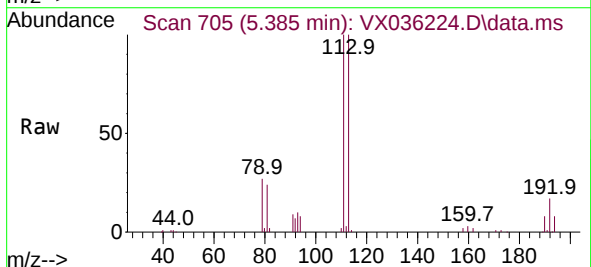
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#12

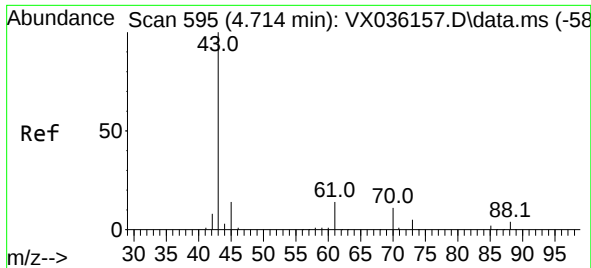
Tgt Ion:114 Resp: 249130
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.0
 88 17.2 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 47.100 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036224.D
 Acq: 19 Jun 2023 22:20

Tgt Ion:113 Resp: 79570
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 16.6 13.3 19.9





#37

Ethyl Acetate

Concen: 18.326 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036224.D

Acq: 19 Jun 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

PB153531ZHE#12

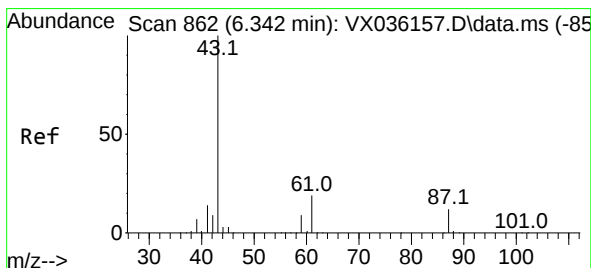
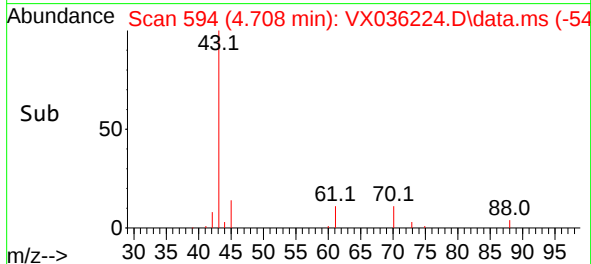
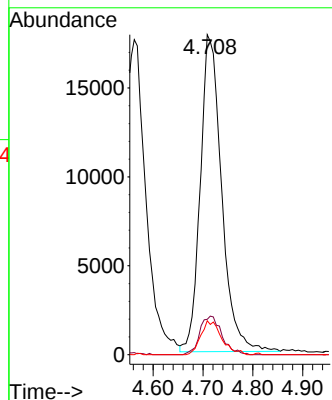
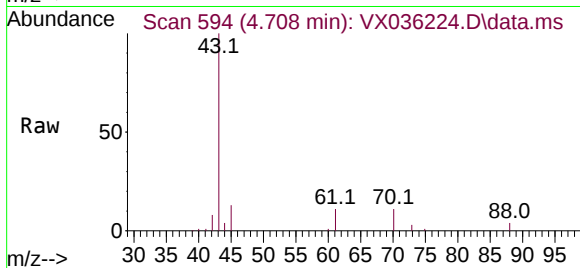
Tgt Ion: 43 Resp: 53134

Ion Ratio Lower Upper

43 100

61 12.5 10.6 16.0

70 10.4 8.3 12.5



#43

Isopropyl Acetate

Concen: 45.685 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036224.D

Acq: 19 Jun 2023 22:20

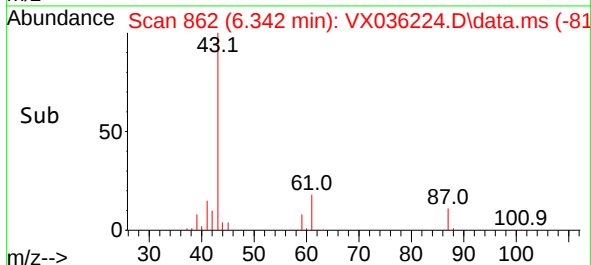
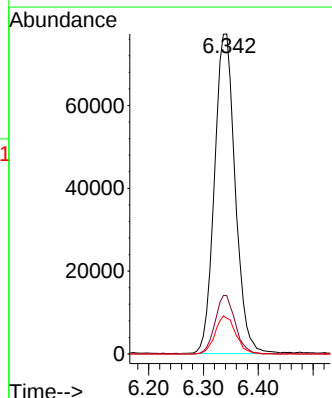
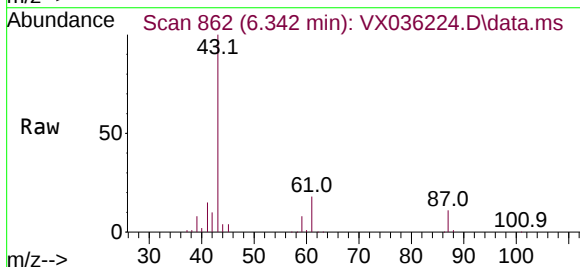
Tgt Ion: 43 Resp: 202710

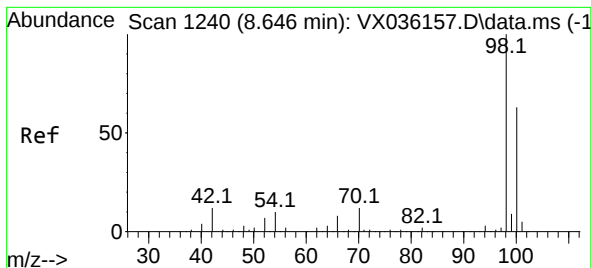
Ion Ratio Lower Upper

43 100

61 17.8 15.2 22.8

87 11.8 9.8 14.6





#50

Toluene-d8

Concen: 43.349 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036224.D

Acq: 19 Jun 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

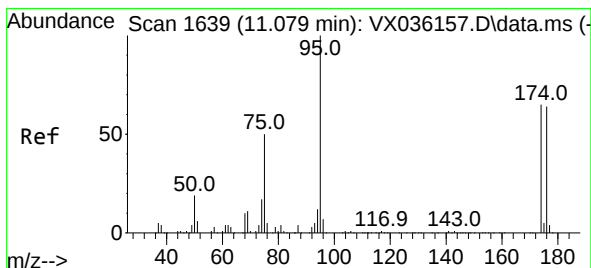
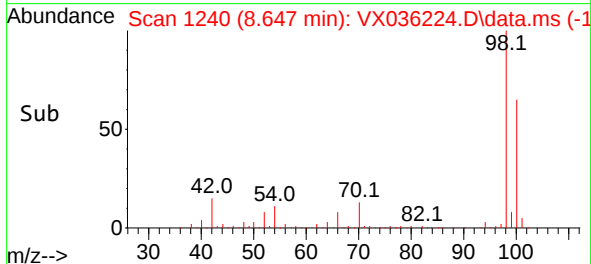
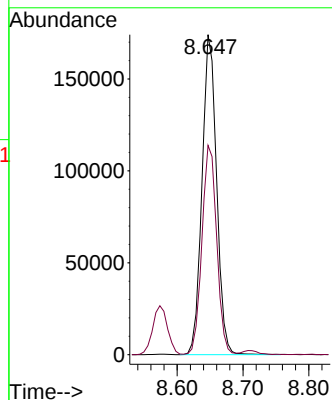
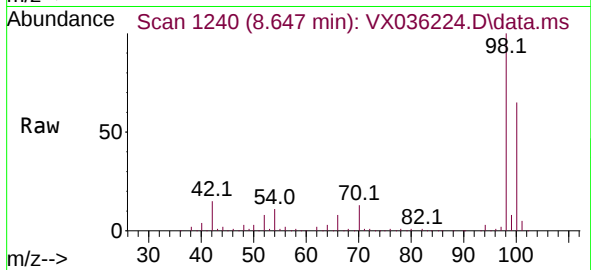
PB153531ZHE#12

Tgt Ion: 98 Resp: 267879

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.483 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036224.D

Acq: 19 Jun 2023 22:20

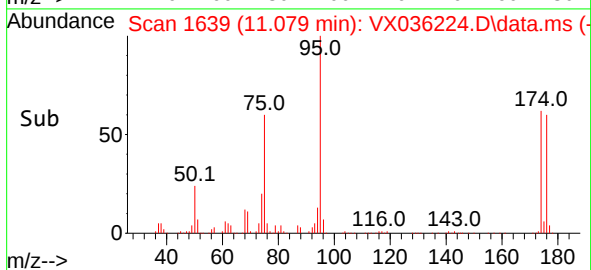
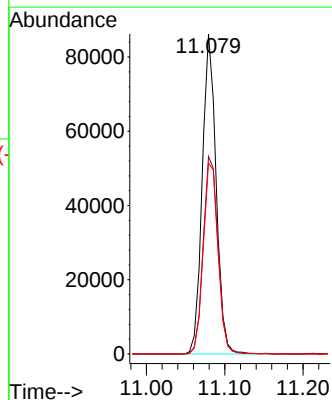
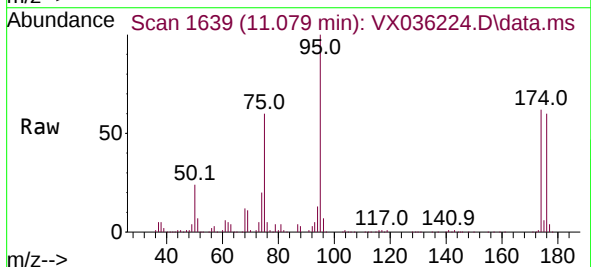
Tgt Ion: 95 Resp: 105973

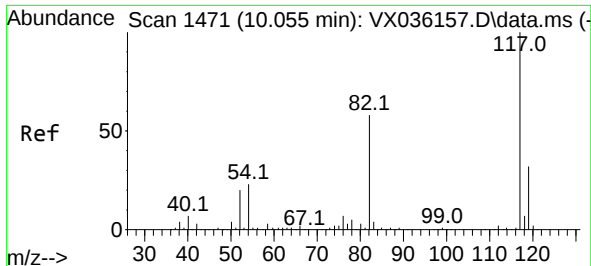
Ion Ratio Lower Upper

95 100

174 65.9 0.0 135.6

176 63.4 0.0 131.0

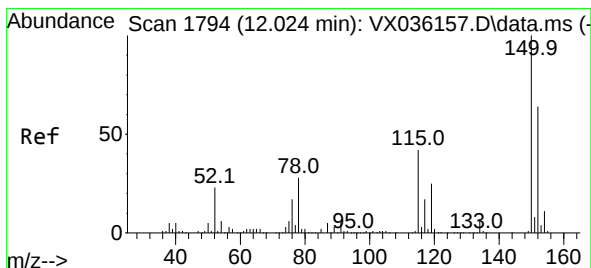
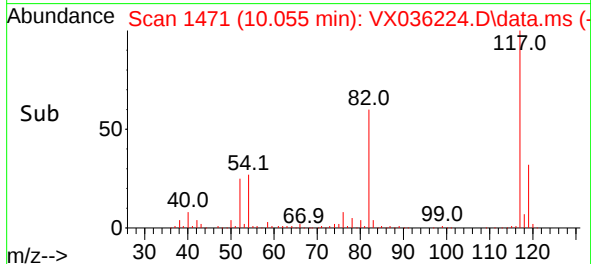
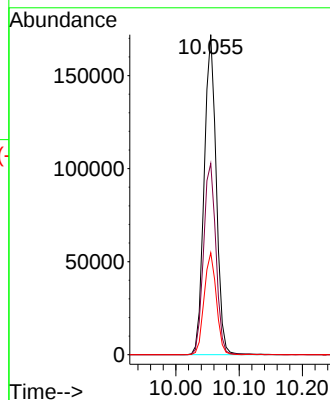
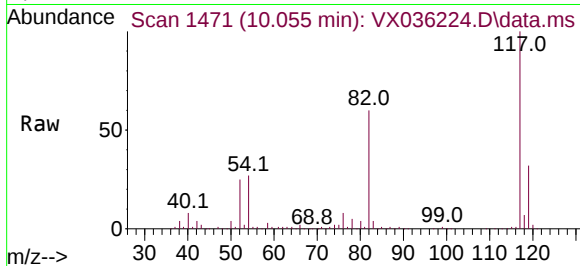




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036224.D
Acq: 19 Jun 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#12

Tgt Ion:117 Resp: 228928
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 31.9 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: VX036224.D
Acq: 19 Jun 2023 22:20

Tgt Ion:152 Resp: 101585
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 158.5 0.0 345.0

