

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036408.D
 Acq On : 05 Jul 2023 16:54
 Operator : JC/MD
 Sample : PB153983ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#09

Quant Time: Jul 06 04:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

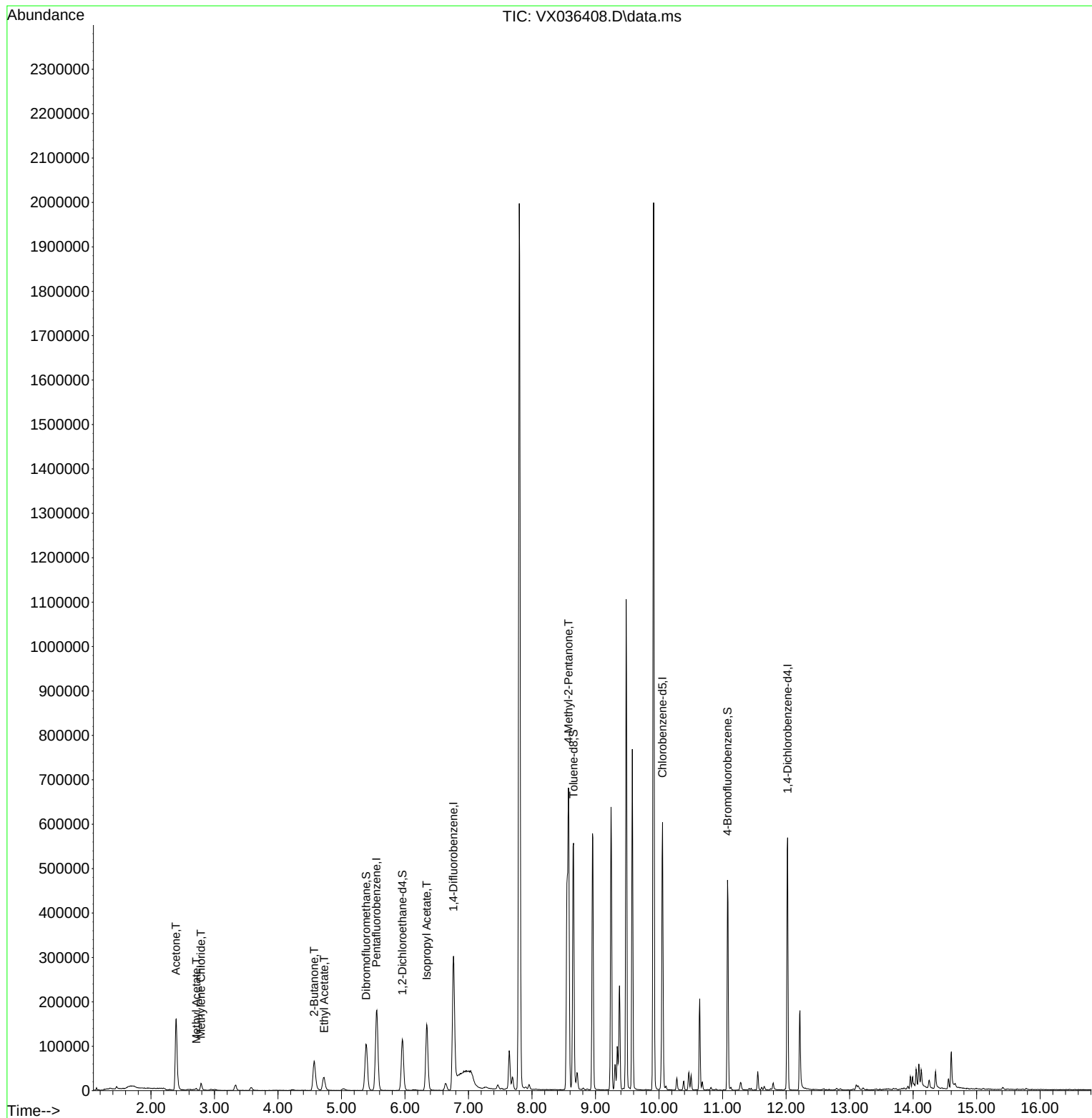
Internal Standards						
1) Pentafluorobenzene	5.550	168	170183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109854	45.032	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.060%	
35) Dibromofluoromethane	5.385	113	90773	48.484	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.960%	
50) Toluene-d8	8.653	98	340176	48.647	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.300%	
62) 4-Bromofluorobenzene	11.079	95	123230	50.031	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.060%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	218578	209.628	ug/l	95
18) Methyl Acetate	2.715	43	5248	1.224	ug/l	98
20) Methylene Chloride	2.788	84	7002	3.119	ug/l	94
25) 2-Butanone	4.568	43	119098	79.497	ug/l	97
37) Ethyl Acetate	4.727	43	53115	18.673	ug/l	97
43) Isopropyl Acetate	6.342	43	200576	44.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	529506	181.125	ug/l #	87

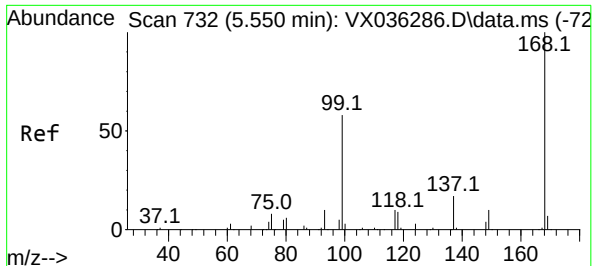
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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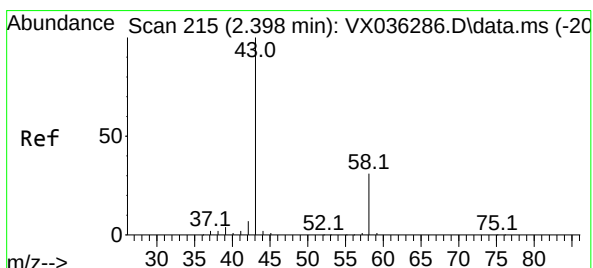
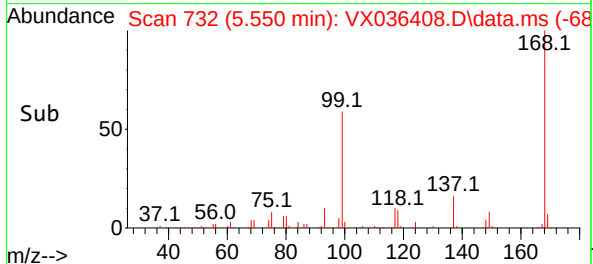
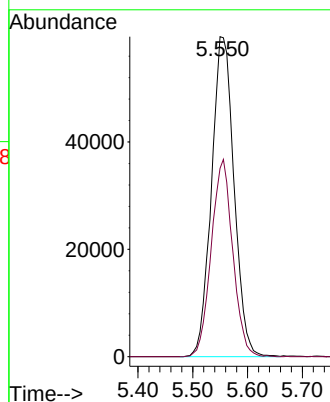
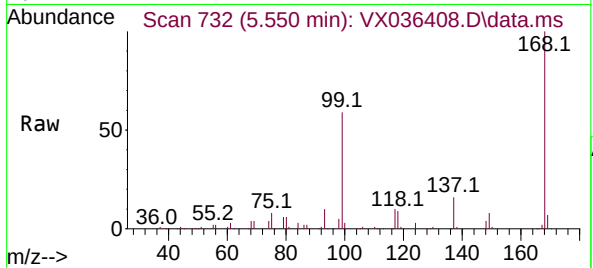




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

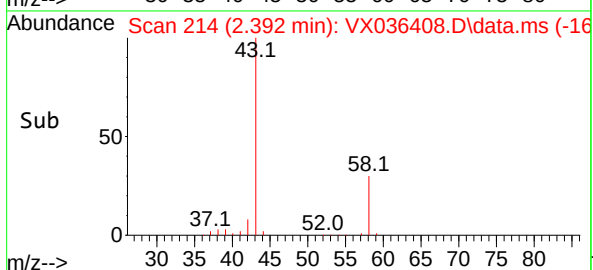
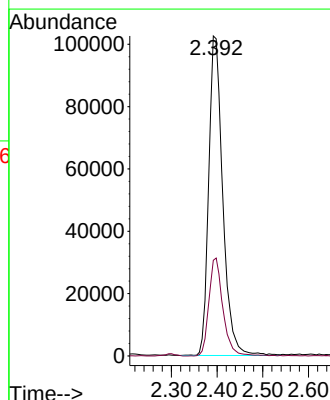
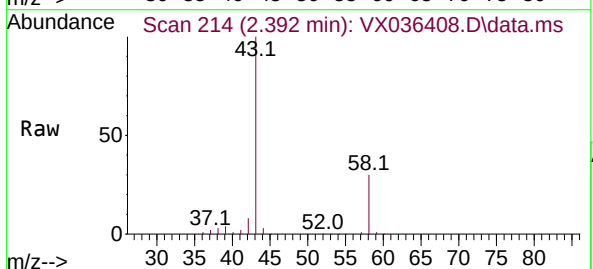
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#09

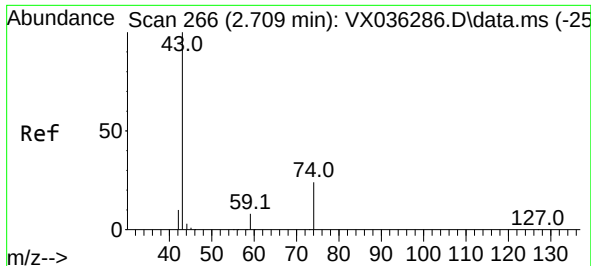
Tgt Ion:168 Resp: 170183
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#16
Acetone
Concen: 209.628 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

Tgt Ion: 43 Resp: 218578
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#18

Methyl Acetate

Concen: 1.224 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036408.D

Acq: 05 Jul 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

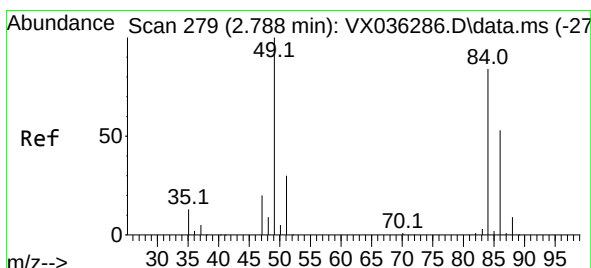
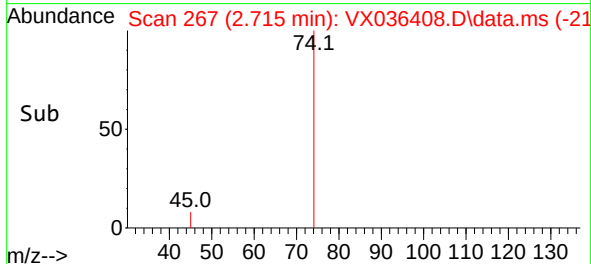
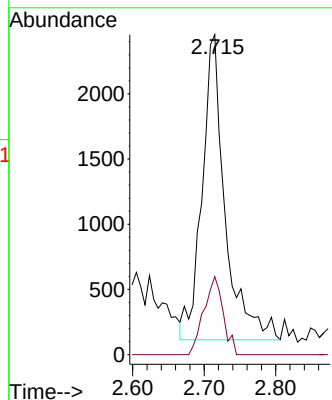
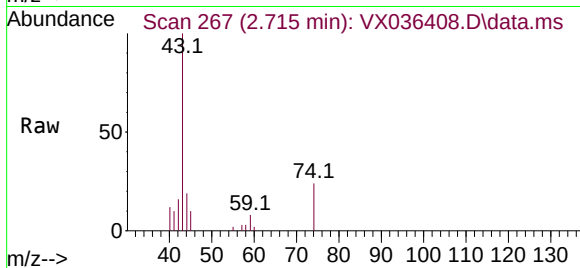
PB153983ZHE#09

Tgt Ion: 43 Resp: 5248

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.8



#20

Methylene Chloride

Concen: 3.119 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036408.D

Acq: 05 Jul 2023 16:54

Tgt Ion: 84 Resp: 7002

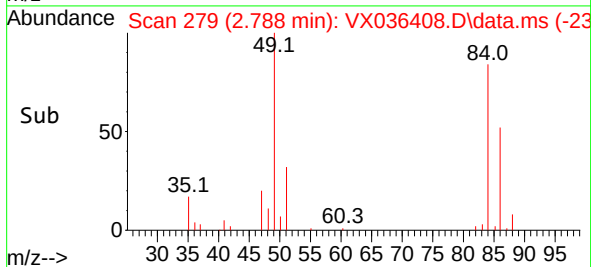
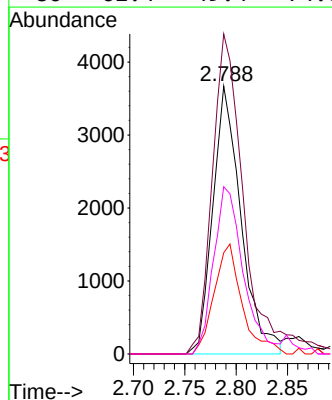
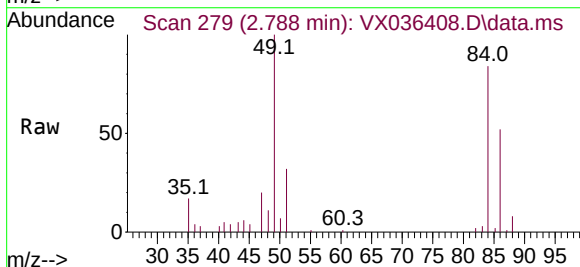
Ion Ratio Lower Upper

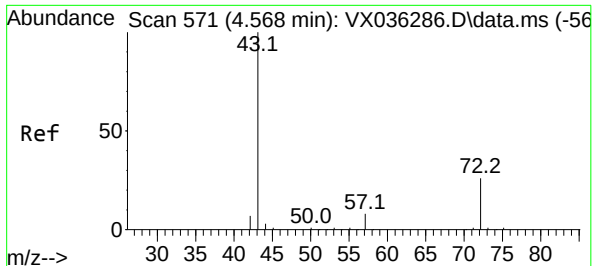
84 100

49 119.4 103.6 155.4

51 37.8 33.8 50.6

86 62.4 49.4 74.0

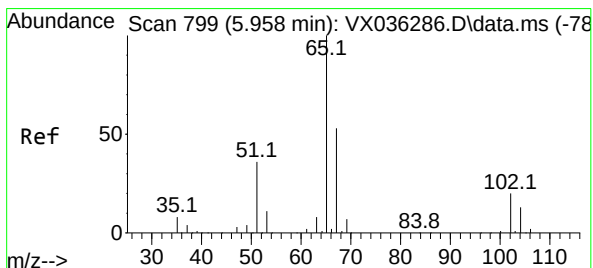
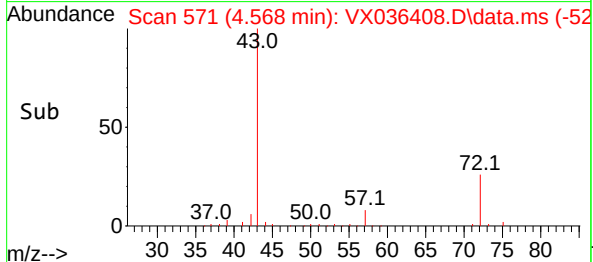
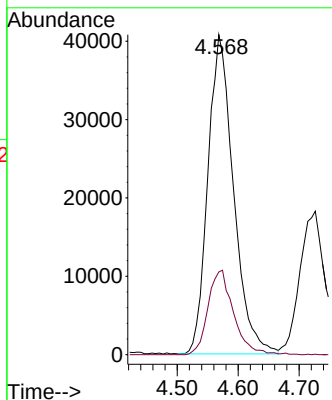
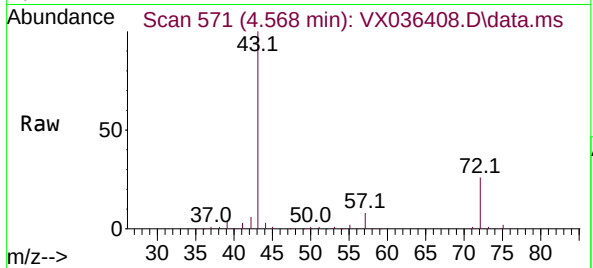




#25
2-Butanone
Concen: 79.497 ug/l
RT: 4.568 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

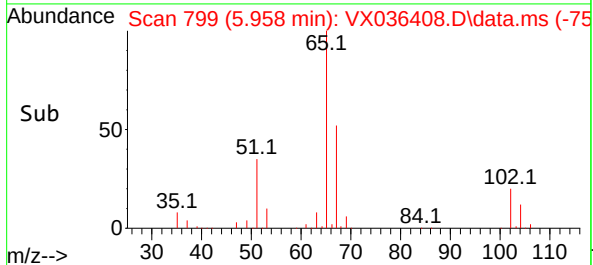
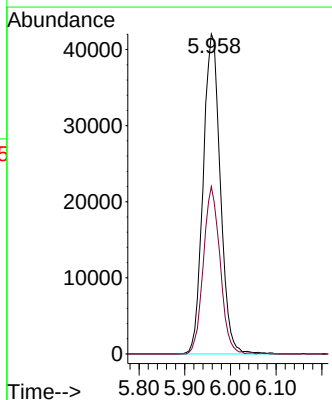
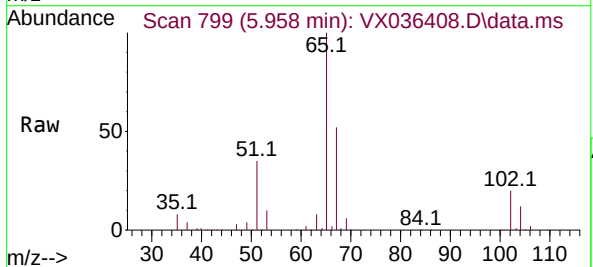
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#09

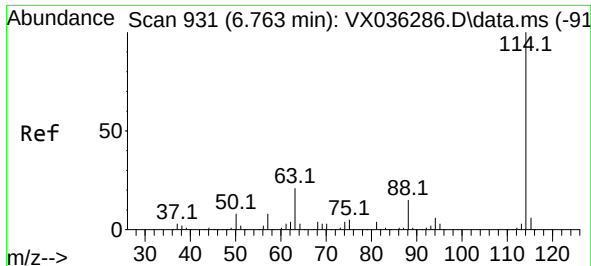
Tgt Ion: 43 Resp: 119098
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.032 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

Tgt Ion: 65 Resp: 109854
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

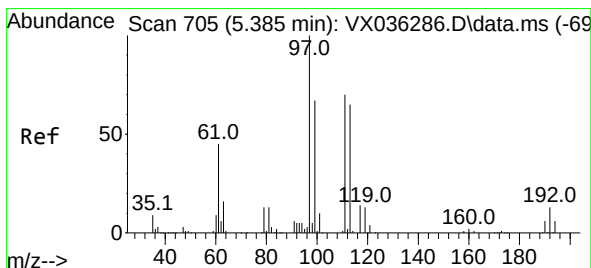
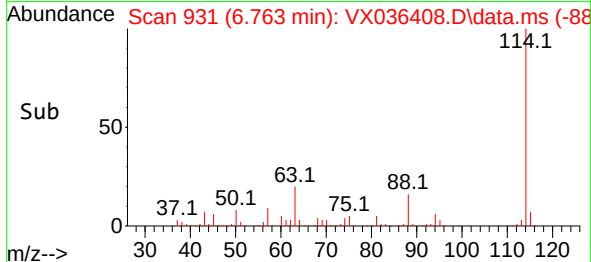
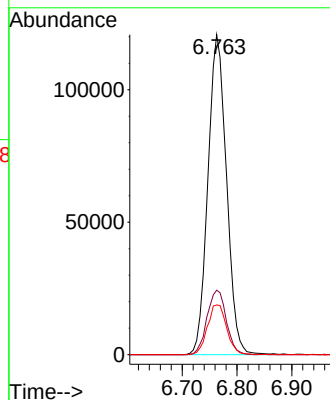
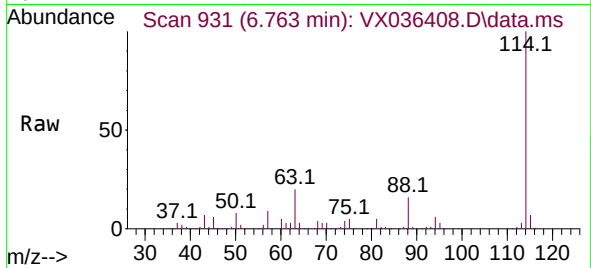




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

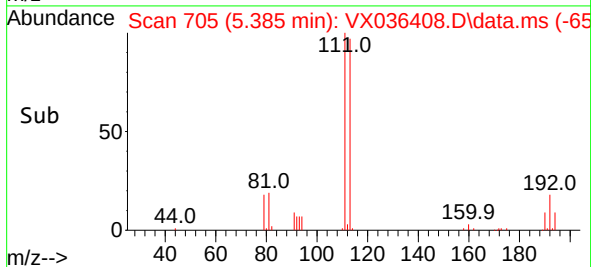
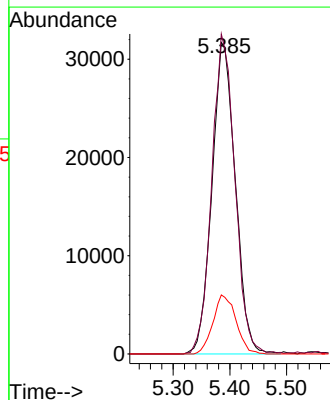
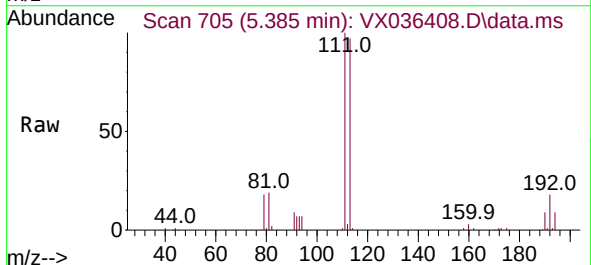
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#09

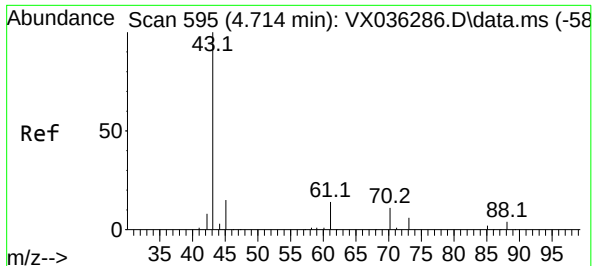
Tgt Ion:114 Resp: 283941
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

Tgt Ion:113 Resp: 90773
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.6 13.3 19.9





#37

Ethyl Acetate

Concen: 18.673 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.013 min

Lab File: VX036408.D

Acq: 05 Jul 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#09

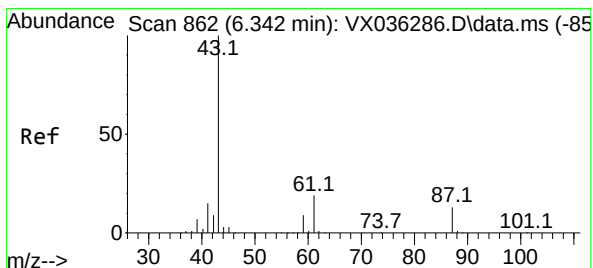
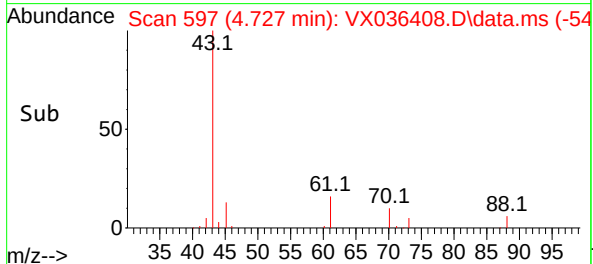
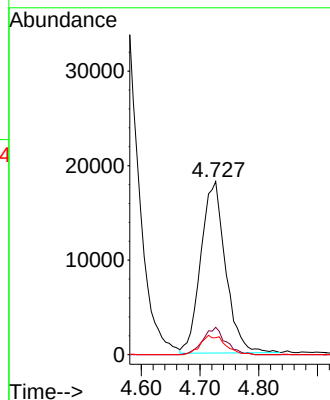
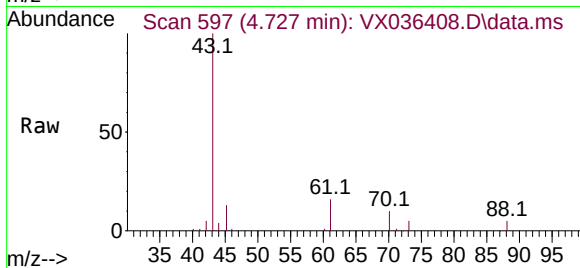
Tgt Ion: 43 Resp: 53115

Ion Ratio Lower Upper

43 100

61 14.6 10.6 16.0

70 11.2 8.3 12.5



#43

Isopropyl Acetate

Concen: 44.203 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036408.D

Acq: 05 Jul 2023 16:54

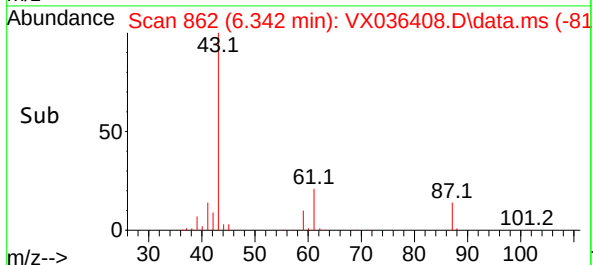
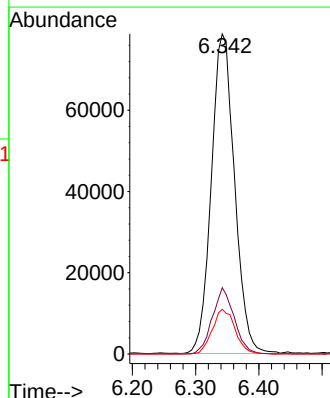
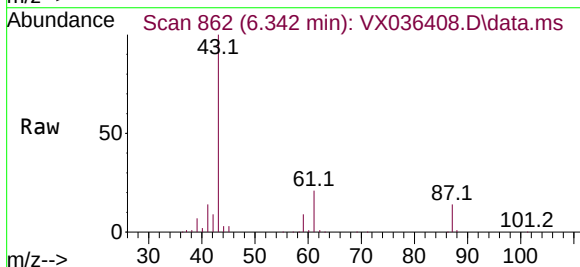
Tgt Ion: 43 Resp: 200576

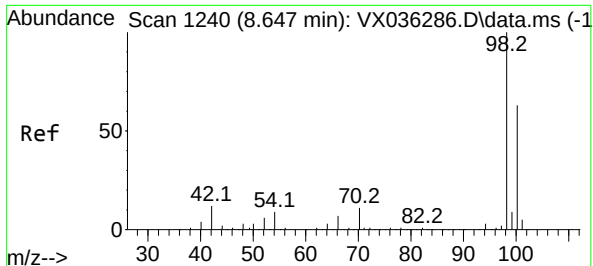
Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

87 13.7 9.8 14.6

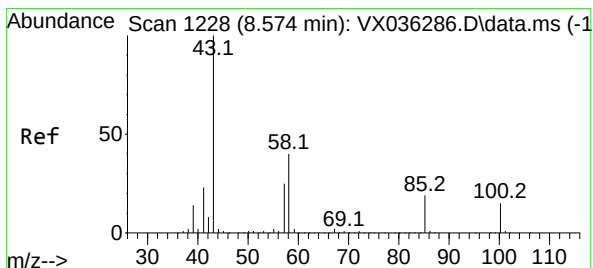
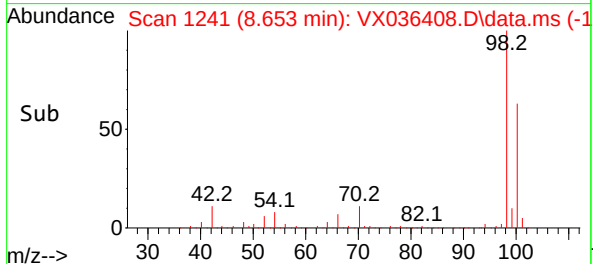
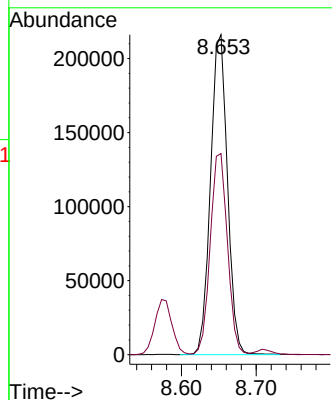
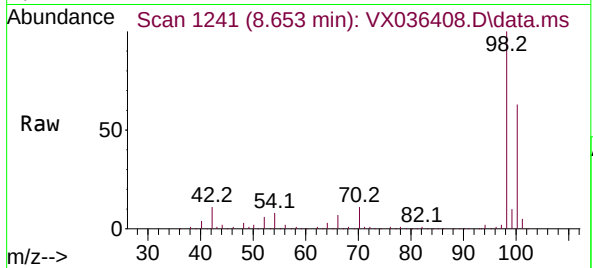




#50
Toluene-d8
Concen: 48.647 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

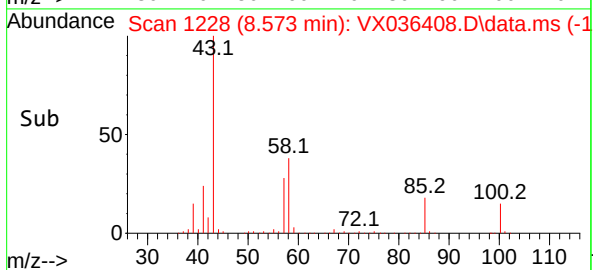
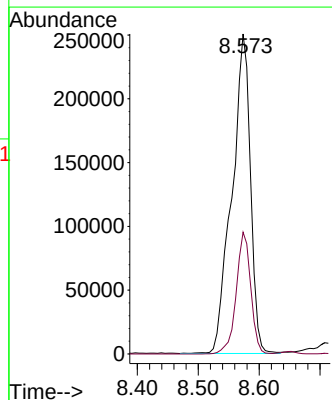
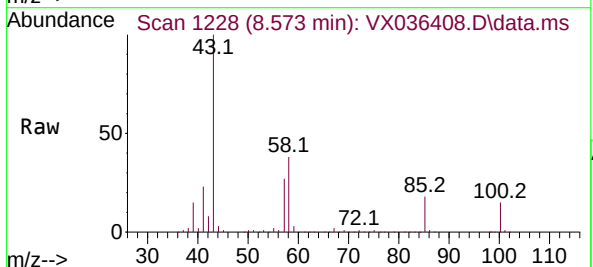
Instrument :
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PB153983ZHE#09

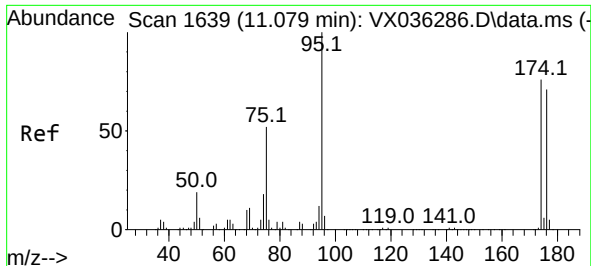
Tgt Ion: 98 Resp: 340176
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 181.125 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036408.D
Acq: 05 Jul 2023 16:54

Tgt Ion: 43 Resp: 529506
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6





#62

4-Bromofluorobenzene

Concen: 50.031 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036408.D

Acq: 05 Jul 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#09

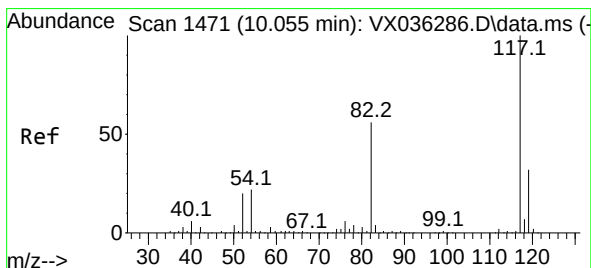
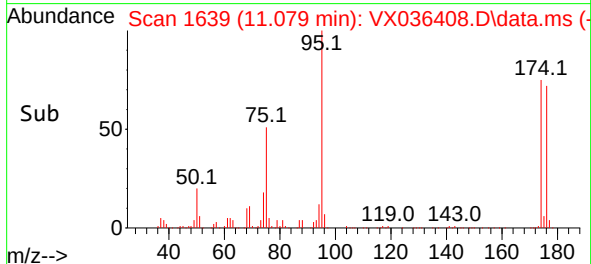
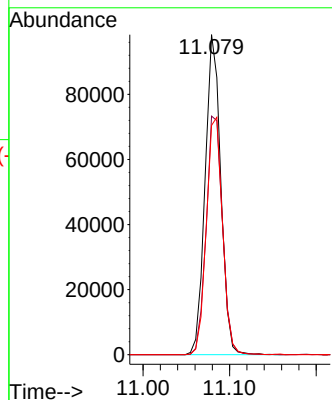
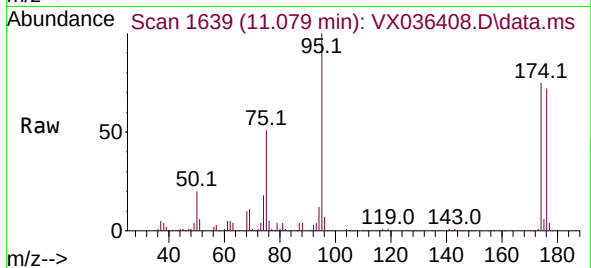
Tgt Ion: 95 Resp: 123230

Ion Ratio Lower Upper

95 100

174 77.7 0.0 135.6

176 76.8 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: VX036408.D

Acq: 05 Jul 2023 16:54

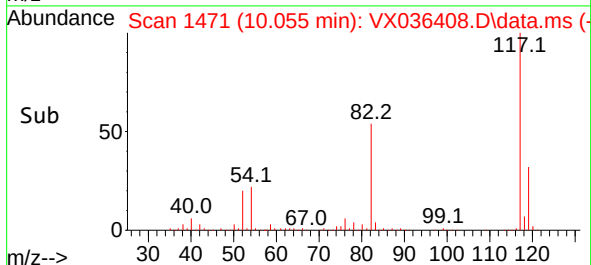
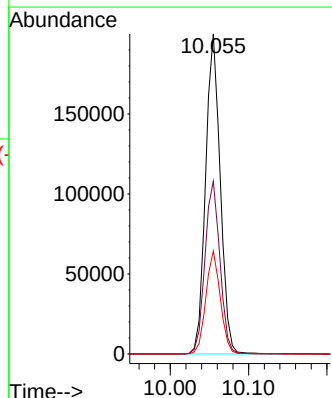
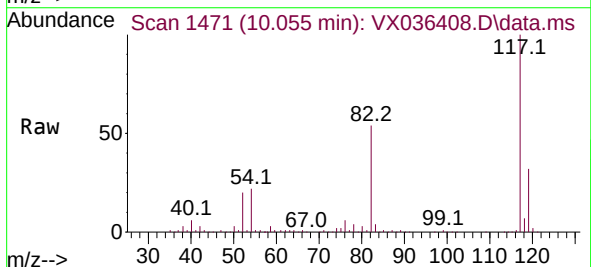
Tgt Ion: 117 Resp: 259102

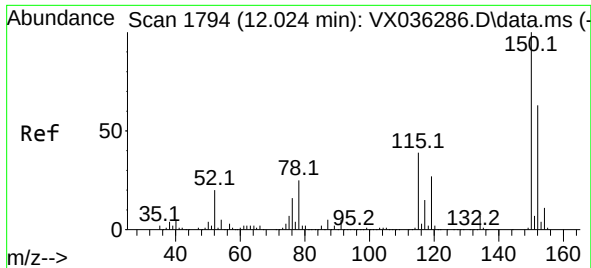
Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036408.D

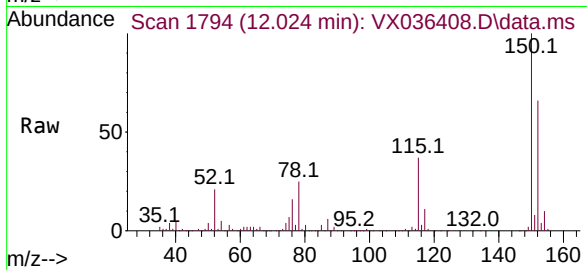
Acq: 05 Jul 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#09



Tgt Ion:152 Resp: 119533

Ion Ratio Lower Upper

152 100

115 58.7 43.3 129.9

150 156.3 0.0 345.0

