

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036400.D
 Acq On : 05 Jul 2023 13:45
 Operator : JC/MD
 Sample : PB153983ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#01

Quant Time: Jul 06 04:50:26 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)

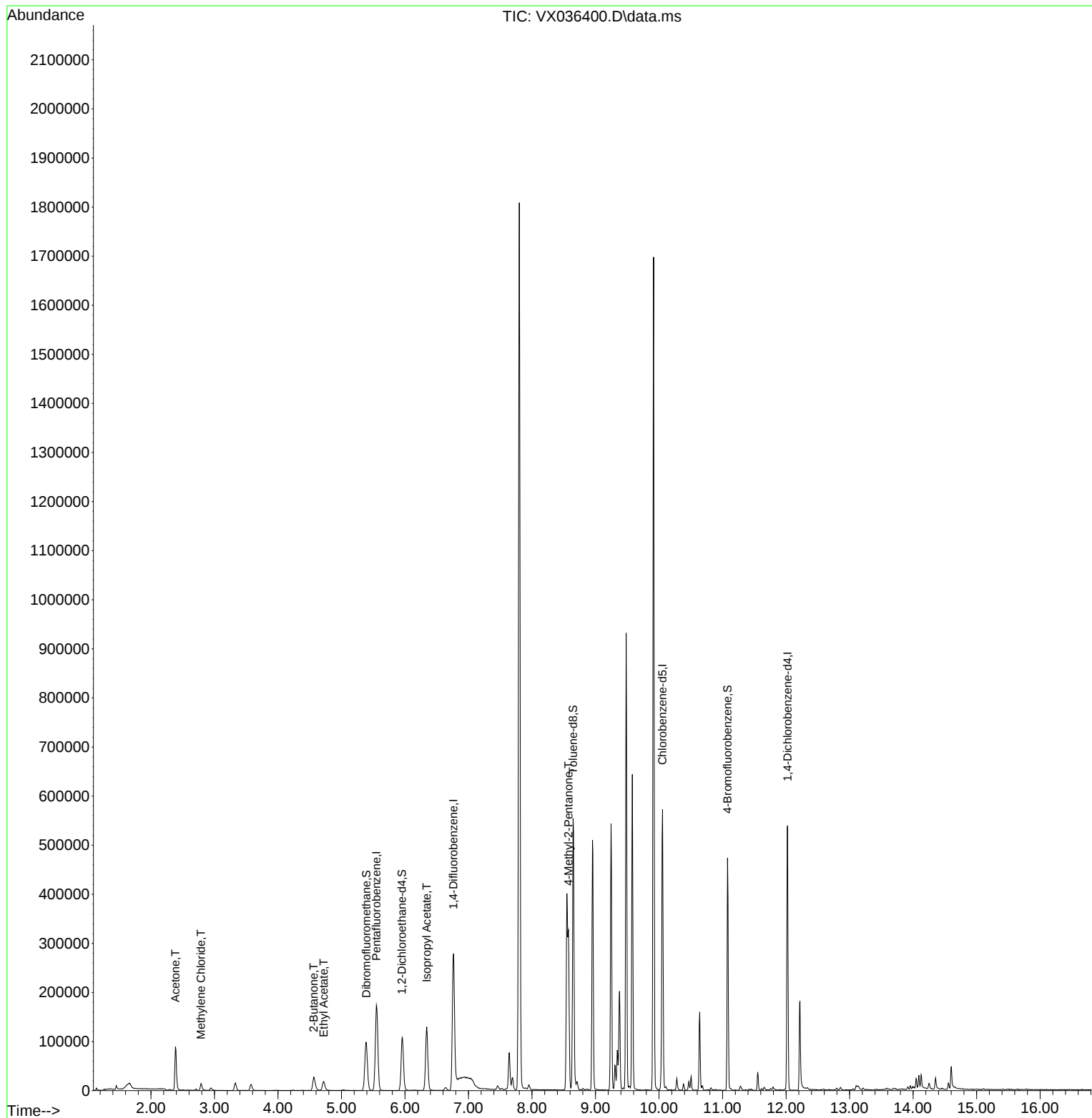
Internal Standards						
1) Pentafluorobenzene	5.550	168	164246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102763	43.648	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.300%	
35) Dibromofluoromethane	5.391	113	87730	48.170	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.340%	
50) Toluene-d8	8.647	98	329223	48.399	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.800%	
62) 4-Bromofluorobenzene	11.079	95	121823	50.844	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.680%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	100429	99.799	ug/l	92
20) Methylene Chloride	2.788	84	7231	3.337	ug/l	90
25) 2-Butanone	4.562	43	43596	30.152	ug/l	95
37) Ethyl Acetate	4.721	43	31791	11.490	ug/l	95
43) Isopropyl Acetate	6.342	43	173051	39.205	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	299785	105.416	ug/l #	80

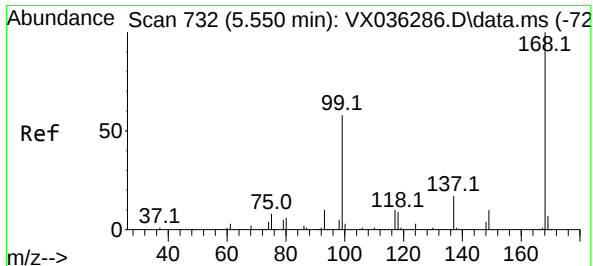
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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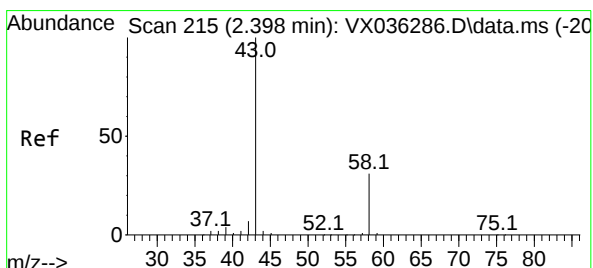
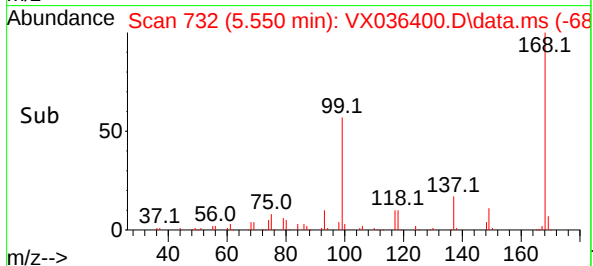
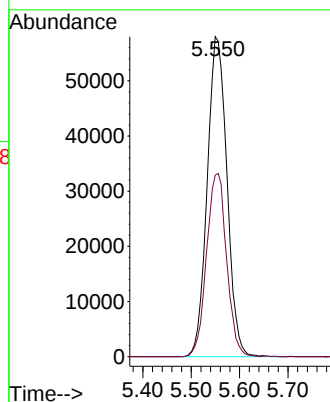
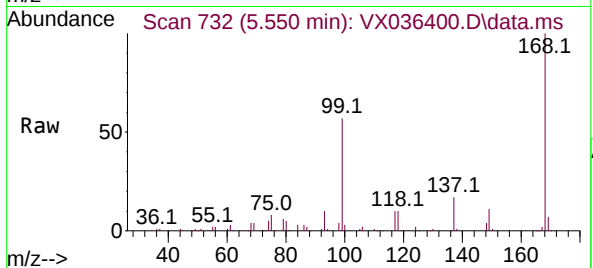




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

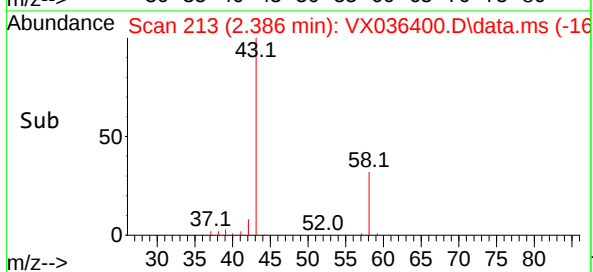
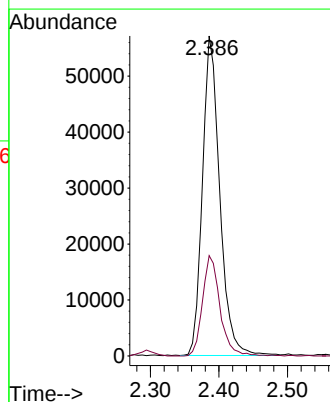
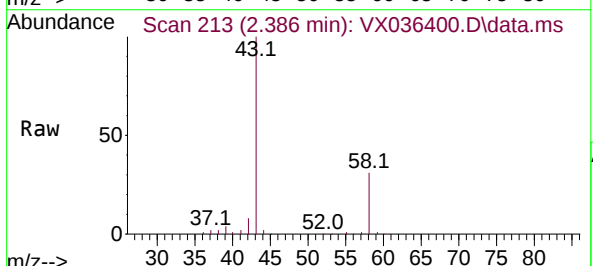
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

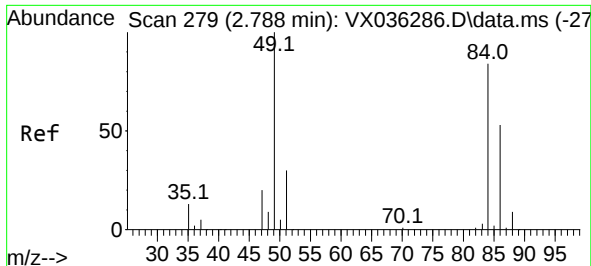
Tgt Ion:168 Resp: 164246
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#16
Acetone
Concen: 99.799 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

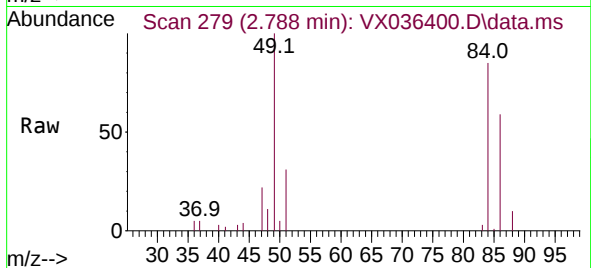
Tgt Ion: 43 Resp: 100429
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



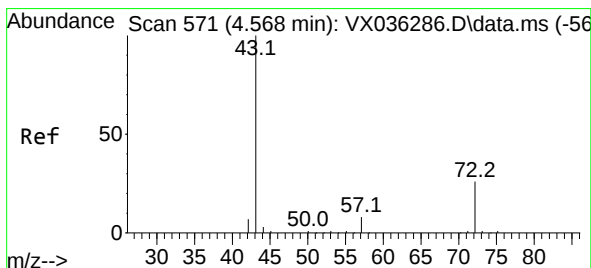
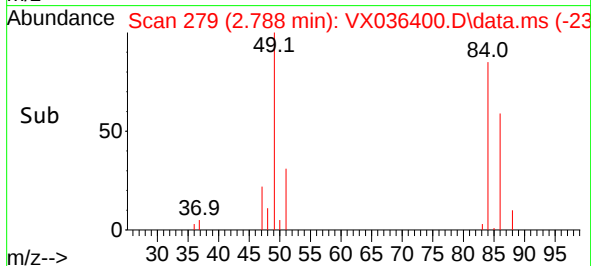
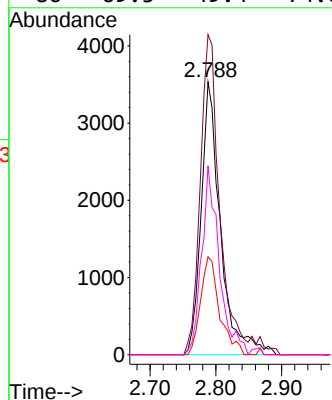


#20
Methylene Chloride
Concen: 3.337 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

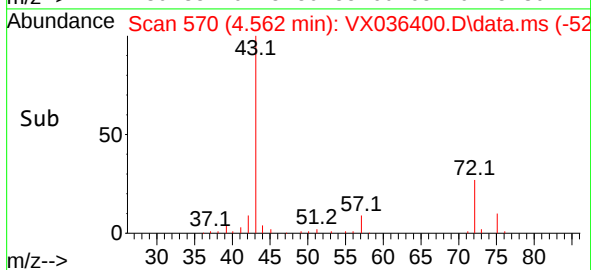
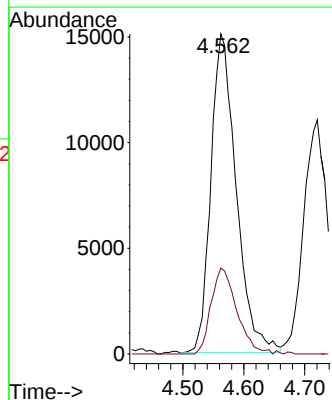
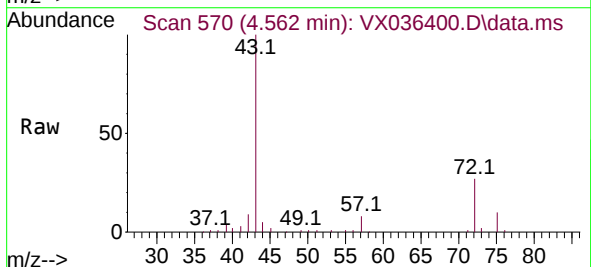


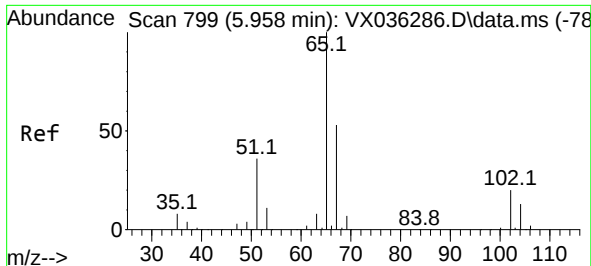
Tgt Ion: 84	Resp: 7231
Ion Ratio	Lower Upper
84 100	
49 117.4	103.6 155.4
51 35.9	33.8 50.6
86 69.3	49.4 74.0



#25
2-Butanone
Concen: 30.152 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 43	Resp: 43596
Ion Ratio	Lower Upper
43 100	
72 26.9	19.4 29.2

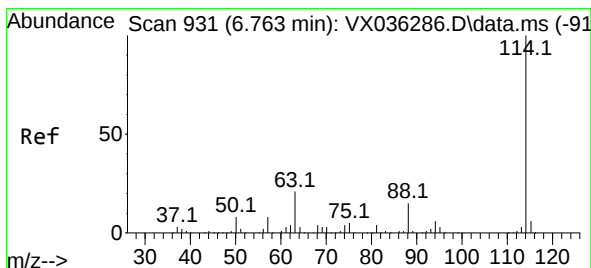
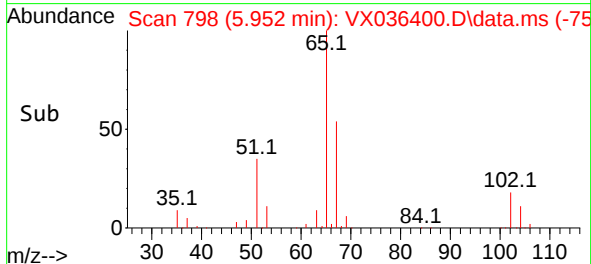
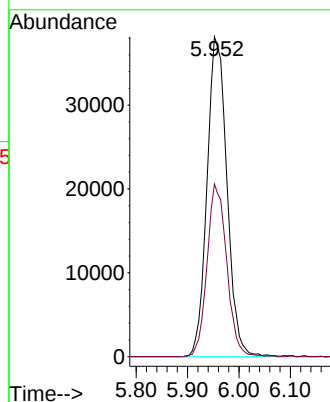
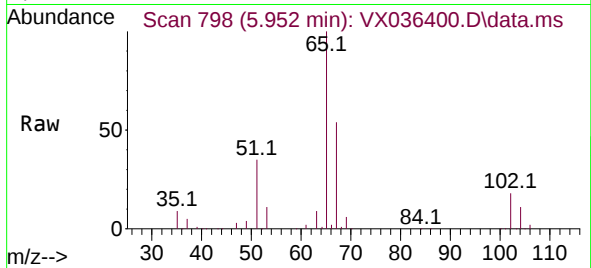




#33
 1,2-Dichloroethane-d4
 Concen: 43.648 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

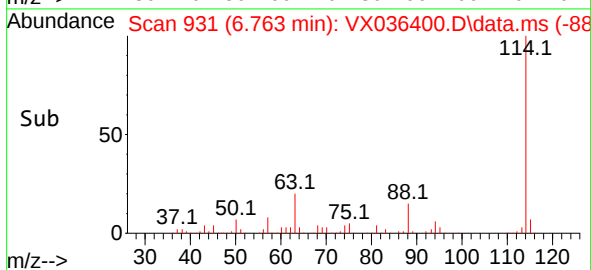
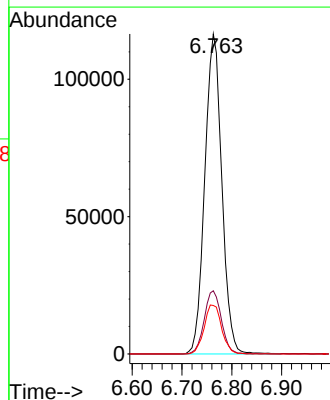
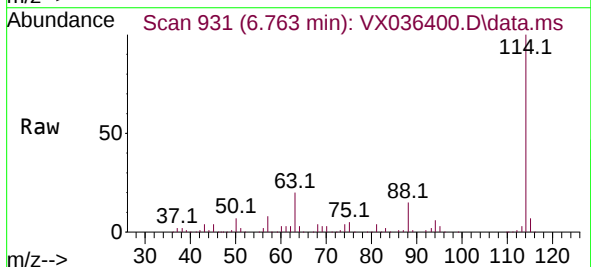
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#01

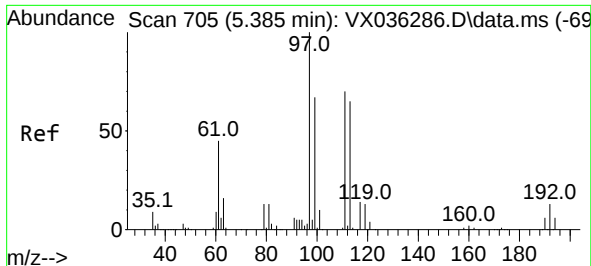
Tgt Ion: 65 Resp: 102763
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

Tgt Ion: 114 Resp: 276209
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.170 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036400.D

Acq: 05 Jul 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#01

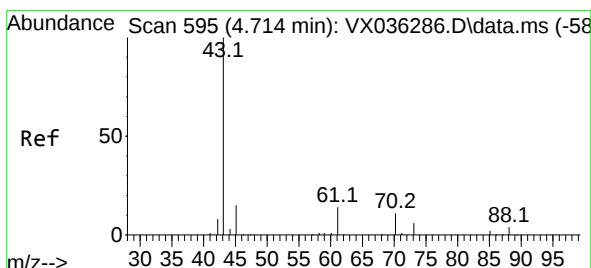
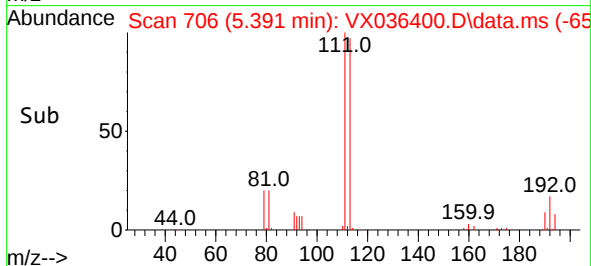
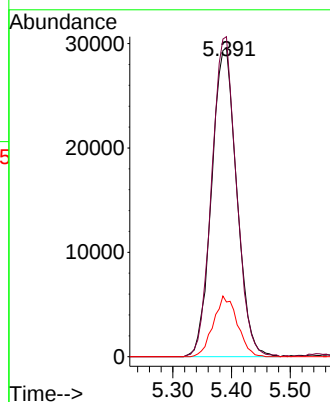
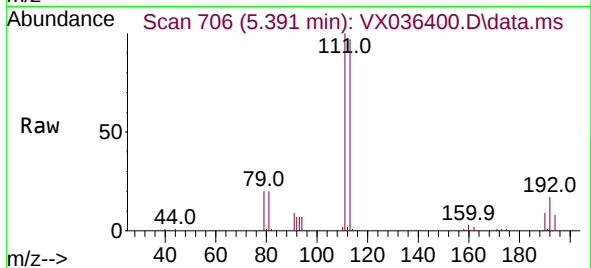
Tgt Ion:113 Resp: 87730

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 18.7 13.3 19.9



#37

Ethyl Acetate

Concen: 11.490 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036400.D

Acq: 05 Jul 2023 13:45

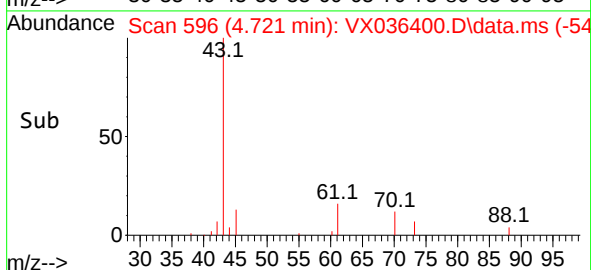
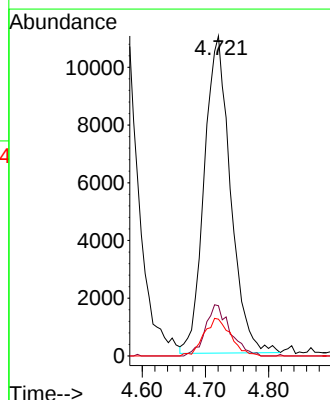
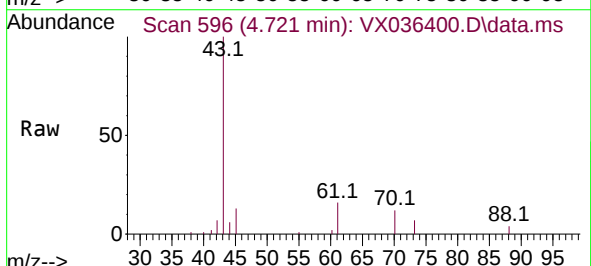
Tgt Ion: 43 Resp: 31791

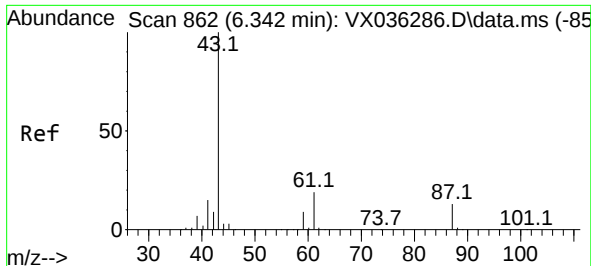
Ion Ratio Lower Upper

43 100

61 15.2 10.6 16.0

70 12.0 8.3 12.5

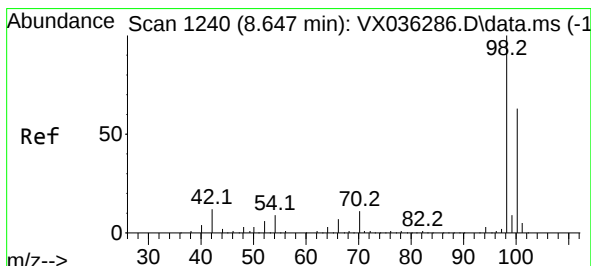
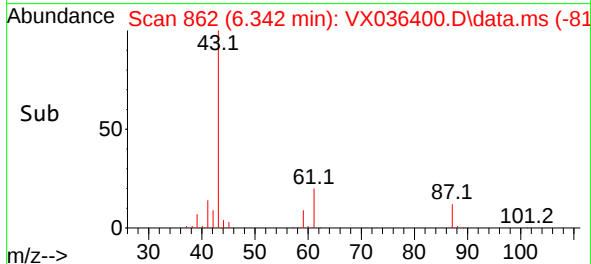
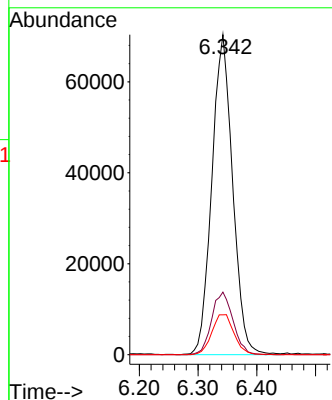
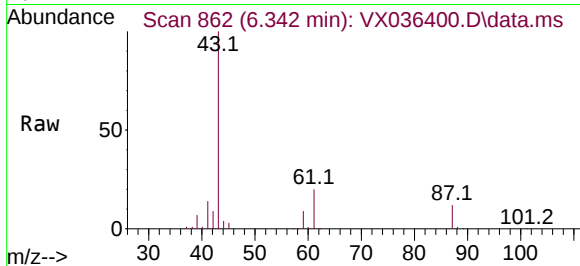




#43
Isopropyl Acetate
Concen: 39.205 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

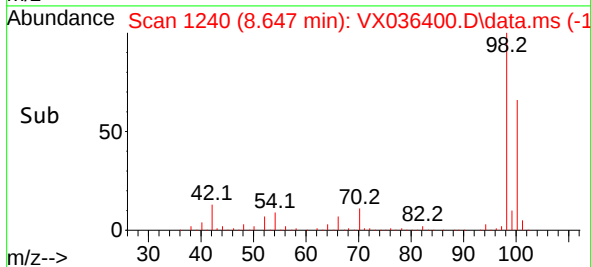
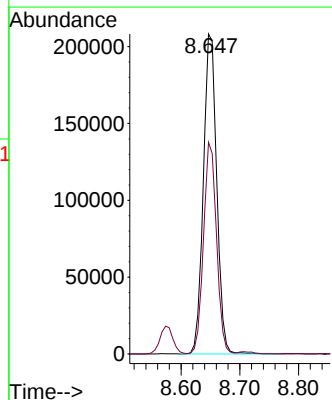
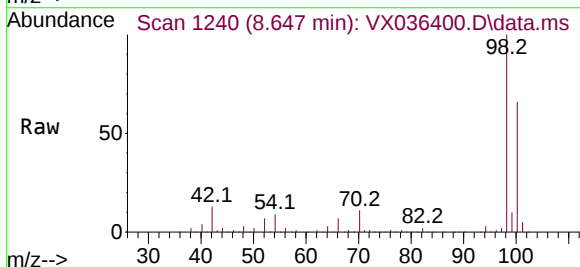
Instrument :
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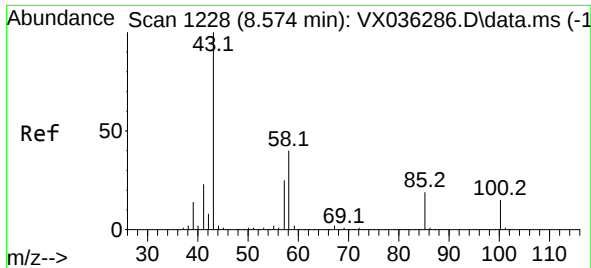
Tgt Ion: 43 Resp: 173051
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 48.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 98 Resp: 329223
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

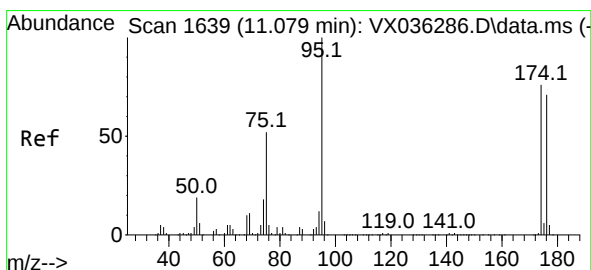
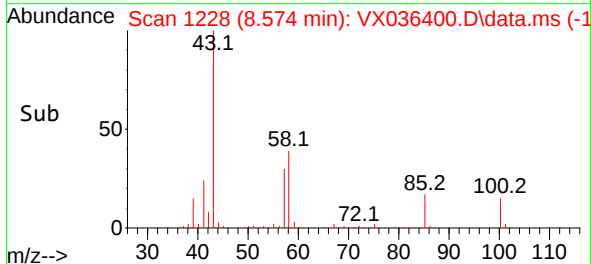
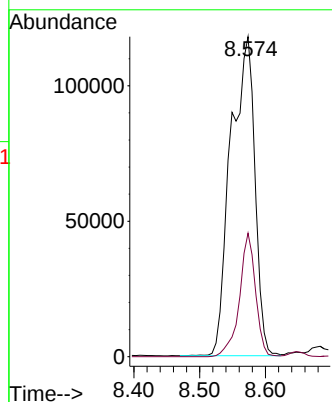
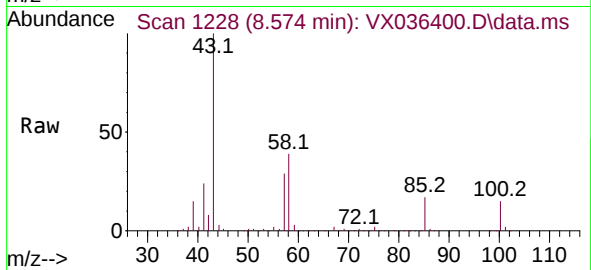




#51
4-Methyl-2-Pentanone
Concen: 105.416 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

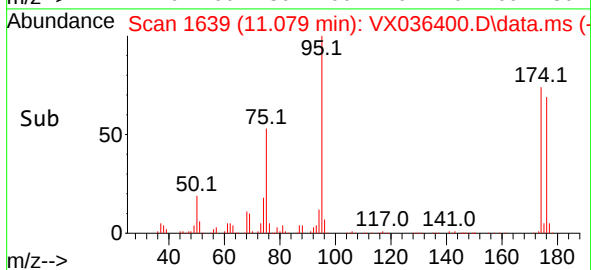
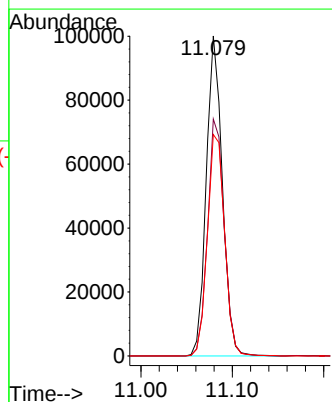
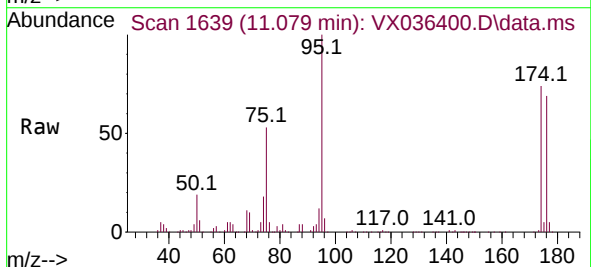
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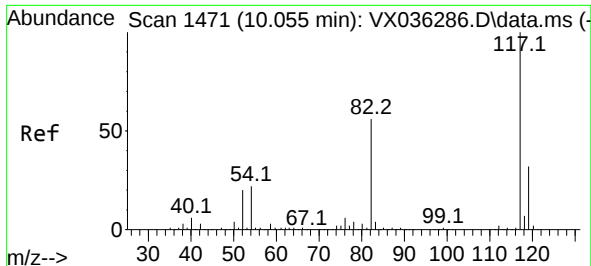
Tgt Ion: 43 Resp: 299785
Ion Ratio Lower Upper
43 100
58 25.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 95 Resp: 121823
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 74.3 0.0 131.0

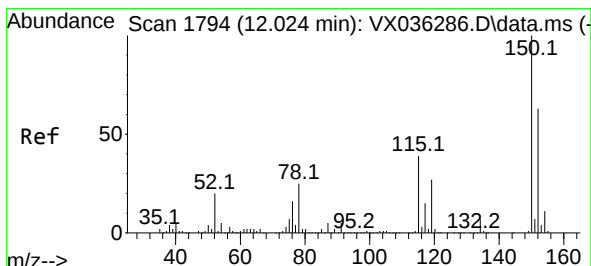
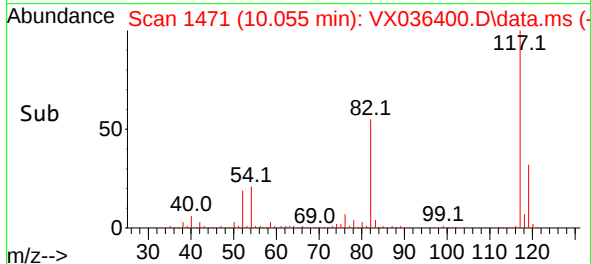
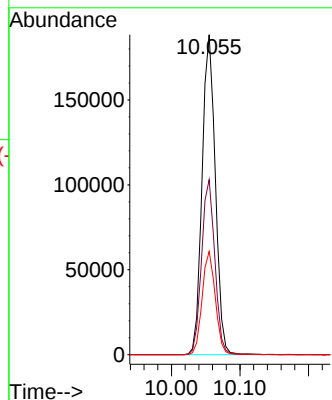
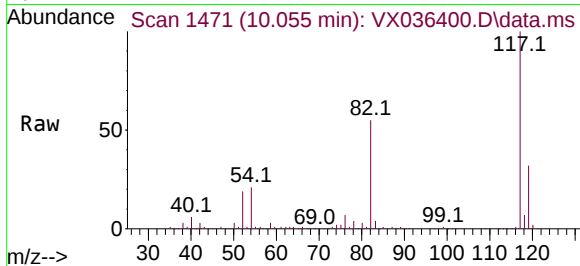




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

Tgt Ion:117 Resp: 254006
Ion Ratio Lower Upper
117 100
82 54.7 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# 1794
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion:152 Resp: 116244
Ion Ratio Lower Upper
152 100
115 58.9 43.3 129.9
150 156.2 0.0 345.0

