

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037588.D
 Acq On : 07 Sep 2023 19:07
 Operator : JC/MD
 Sample : PB155358TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155358TB

Quant Time: Sep 08 00:49:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

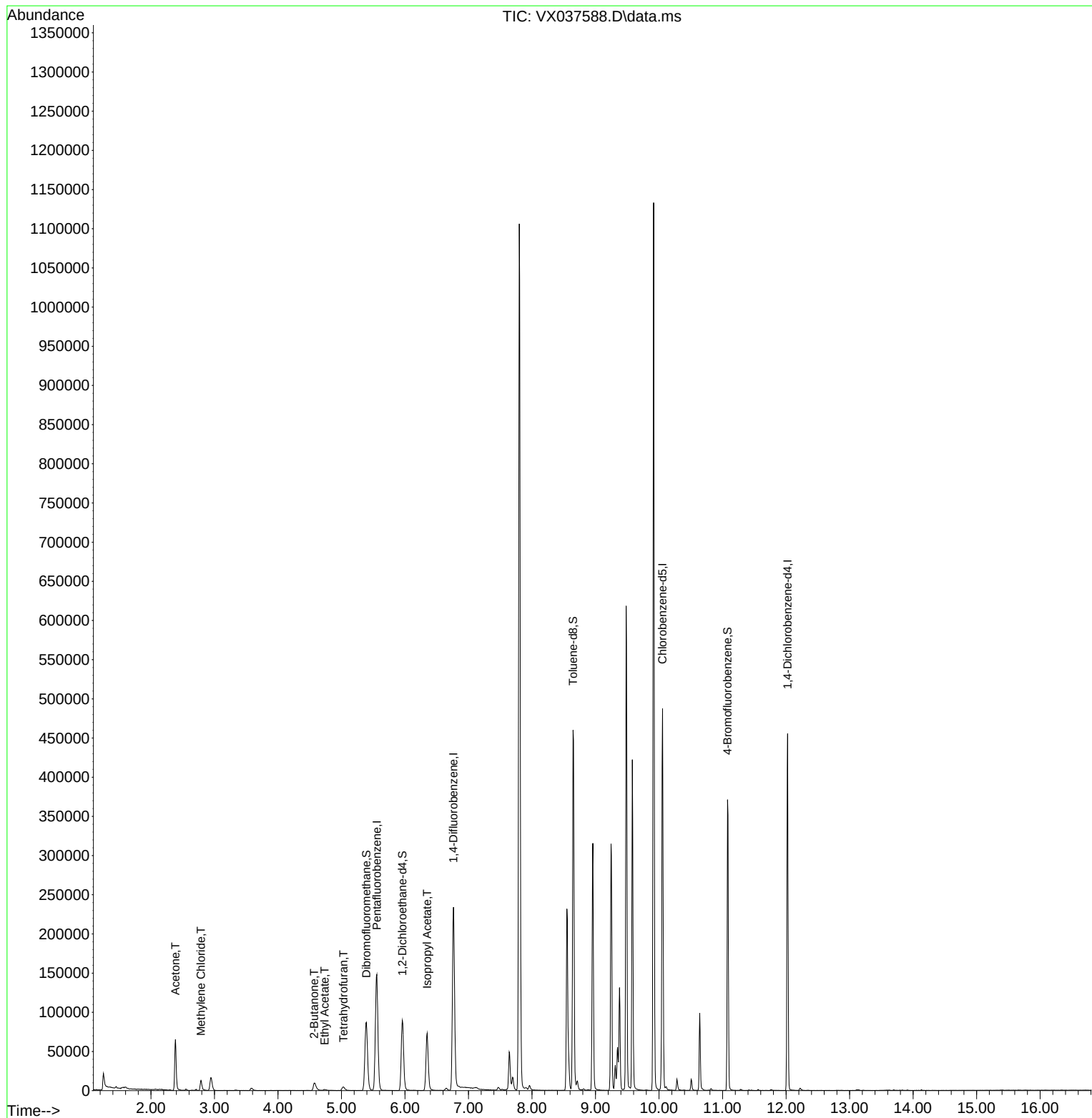
Internal Standards						
1) Pentafluorobenzene	5.556	168	142862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87639	42.551	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.100%	
35) Dibromofluoromethane	5.391	113	79414	48.729	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.460%	
50) Toluene-d8	8.647	98	287695	48.667	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.340%	
62) 4-Bromofluorobenzene	11.079	95	108632	46.761	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.520%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	67606	83.905	ug/l #	83
20) Methylene Chloride	2.788	84	7439	4.128	ug/l #	81
25) 2-Butanone	4.568	43	16543	13.636	ug/l	95
29) Tetrahydrofuran	5.032	42	4272	5.522	ug/l #	82
37) Ethyl Acetate	4.733	43	2590	1.095	ug/l #	93
43) Isopropyl Acetate	6.348	43	94842	25.258	ug/l #	90

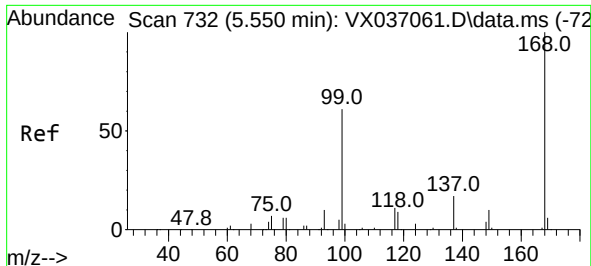
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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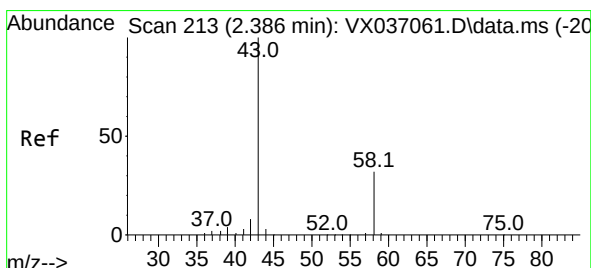
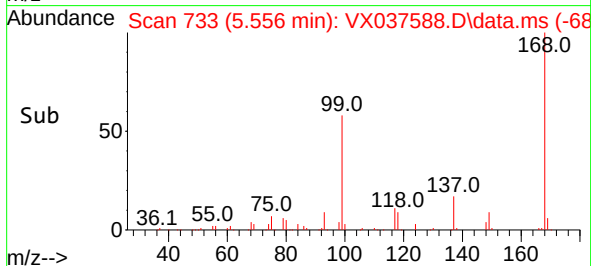
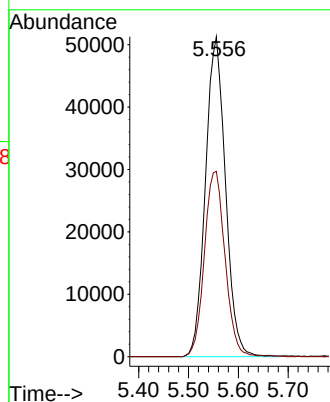
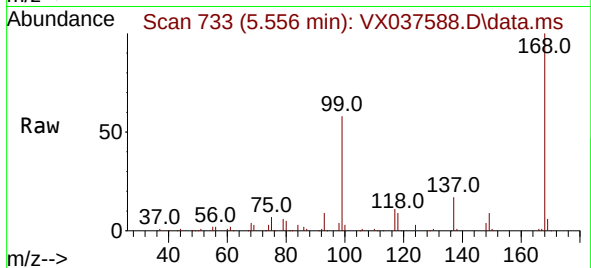




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

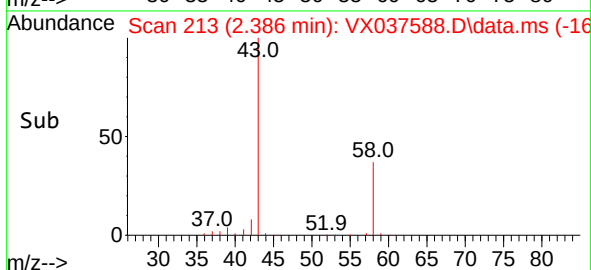
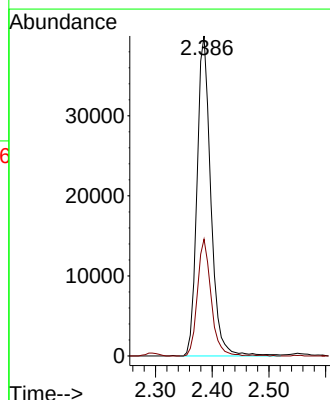
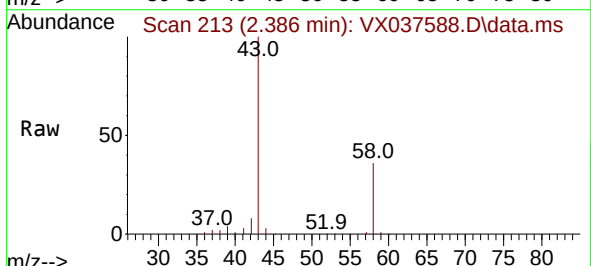
Instrument :
MSVOA_X
ClientSampleId :
PB155358TB

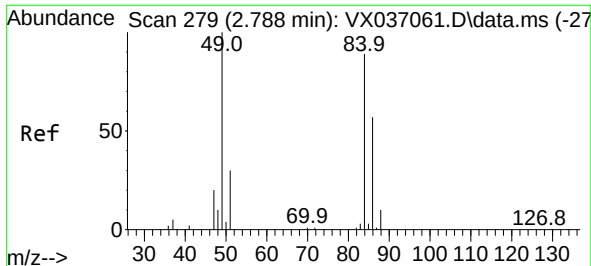
Tgt Ion:168 Resp: 142862
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#16
Acetone
Concen: 83.905 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 43 Resp: 67606
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#

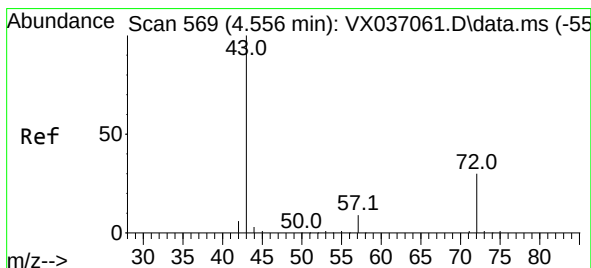
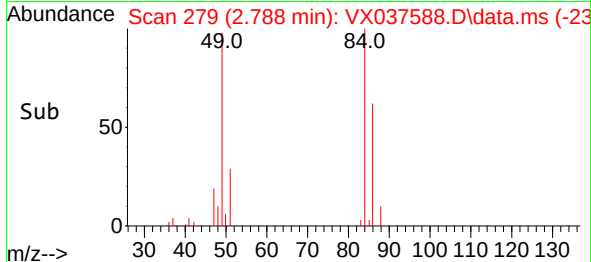
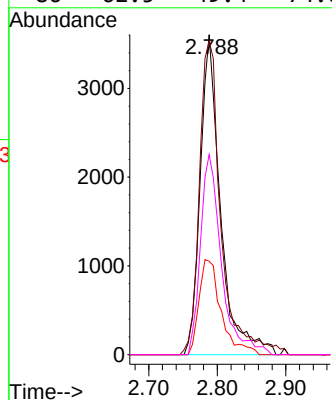
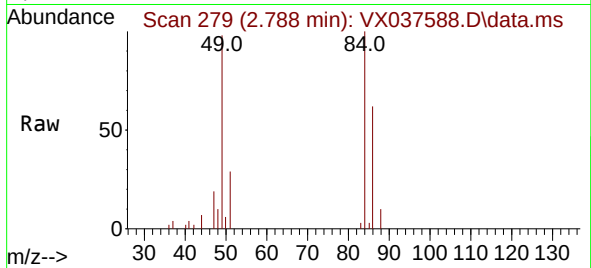




#20
Methylene Chloride
Concen: 4.128 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

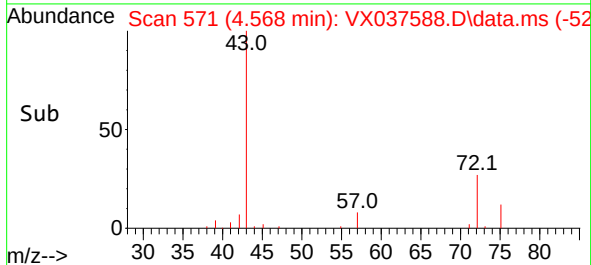
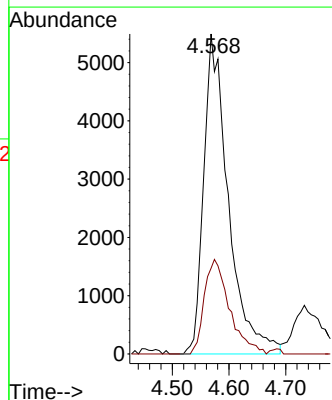
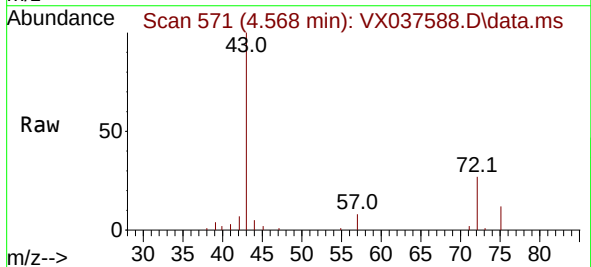
Instrument :
MSVOA_X
ClientSampleId :
PB155358TB

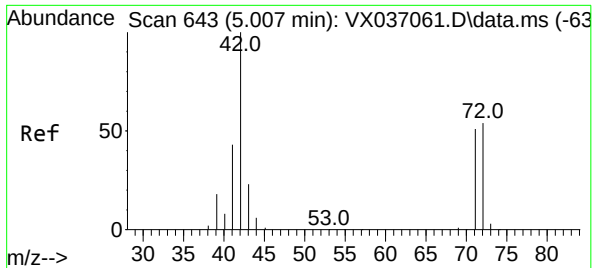
Tgt Ion:	84	Resp:	7439
Ion	Ratio	Lower	Upper
84	100		
49	98.1	103.6	155.4#
51	29.2	33.8	50.6#
86	62.5	49.4	74.0



#25
2-Butanone
Concen: 13.636 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion:	43	Resp:	16543
Ion	Ratio	Lower	Upper
43	100		
72	26.8	19.4	29.2





#29

Tetrahydrofuran

Concen: 5.522 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX037588.D

Acq: 07 Sep 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

PB155358TB

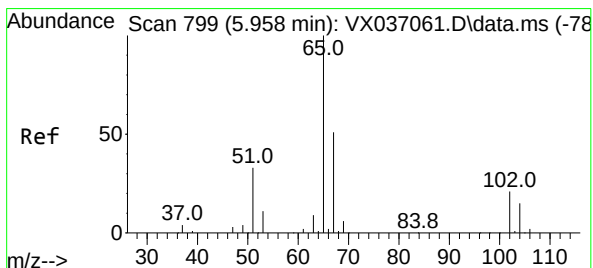
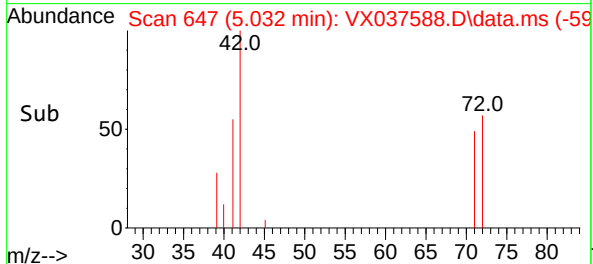
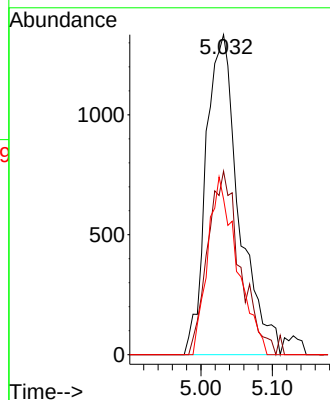
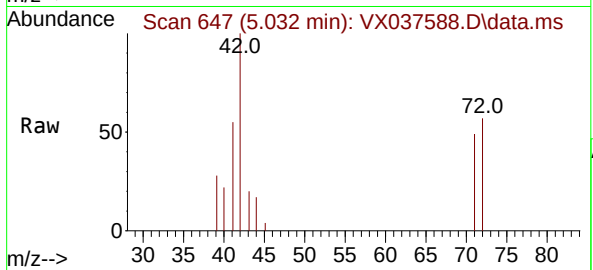
Tgt Ion: 42 Resp: 4272

Ion Ratio Lower Upper

42 100

72 56.4 34.2 51.4#

71 49.5 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 42.551 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037588.D

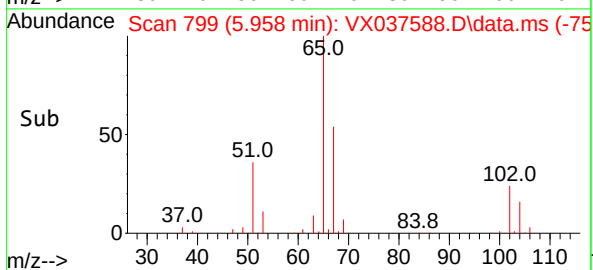
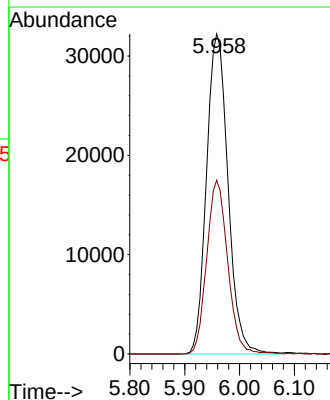
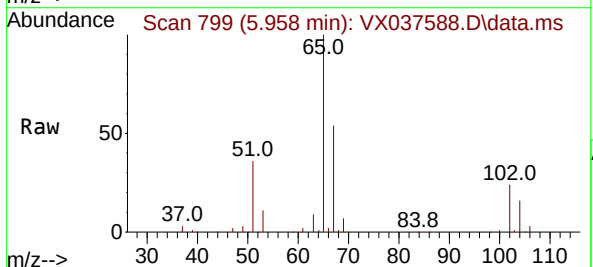
Acq: 07 Sep 2023 19:07

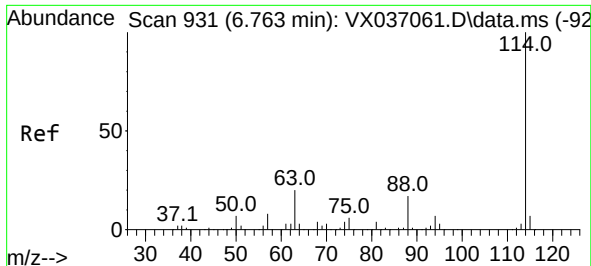
Tgt Ion: 65 Resp: 87639

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2

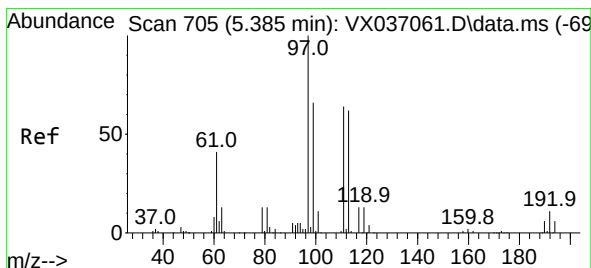
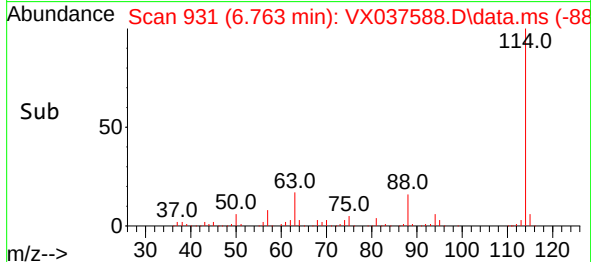
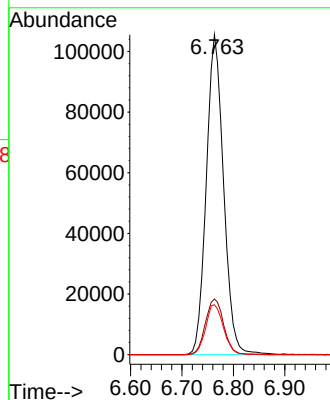
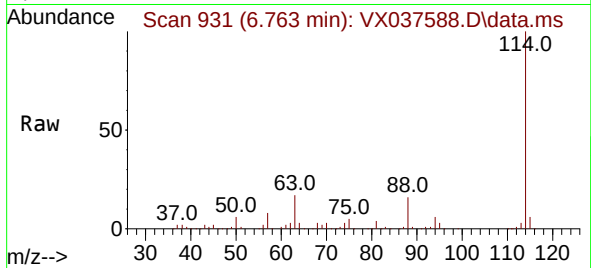




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

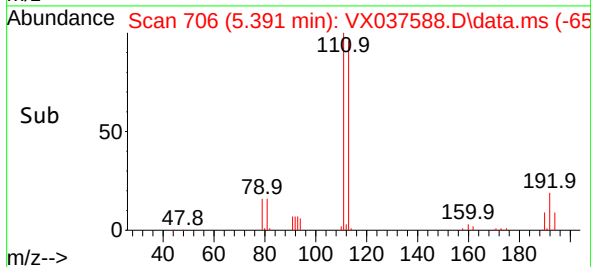
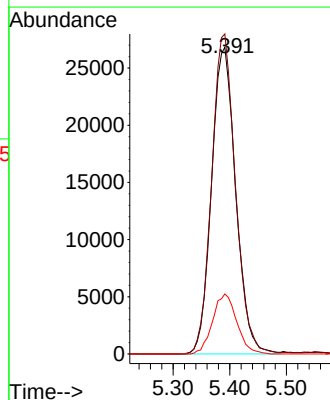
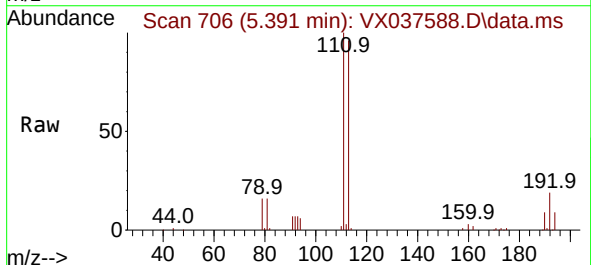
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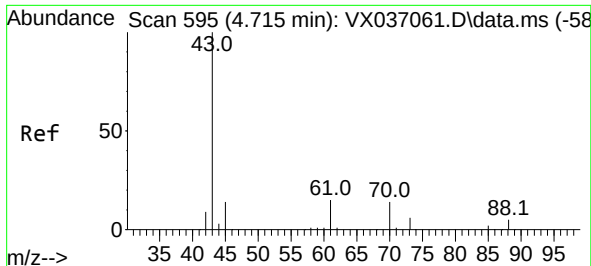
Tgt Ion:114 Resp: 246076
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion:113 Resp: 79414
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.5 13.3 19.9

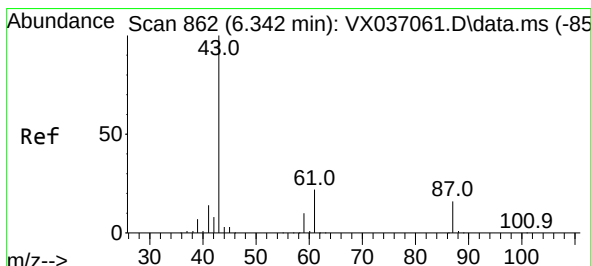
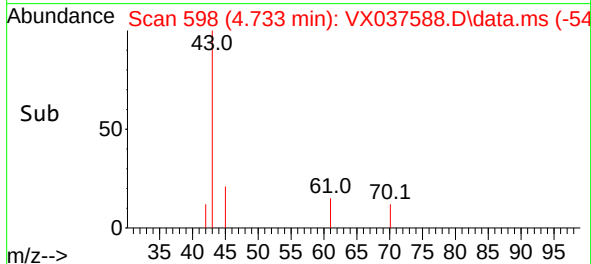
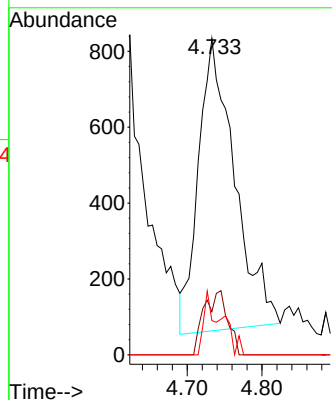
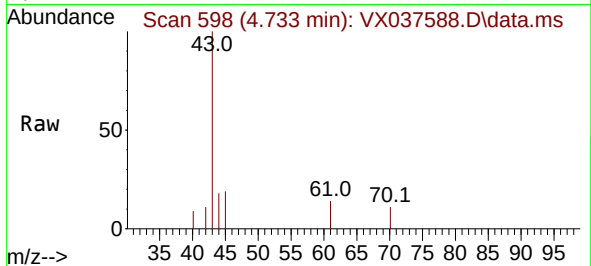




#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

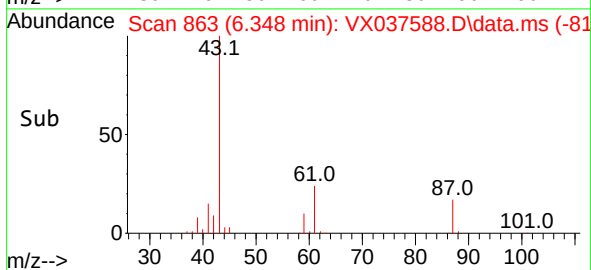
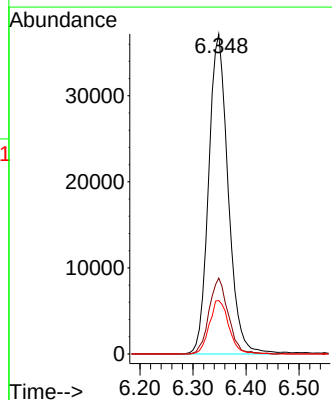
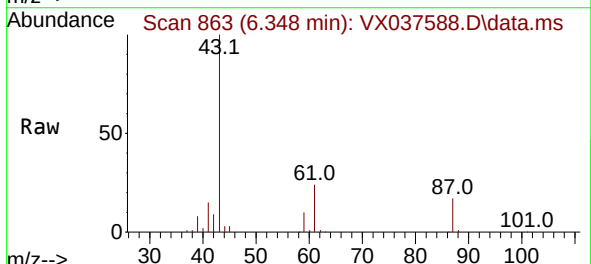
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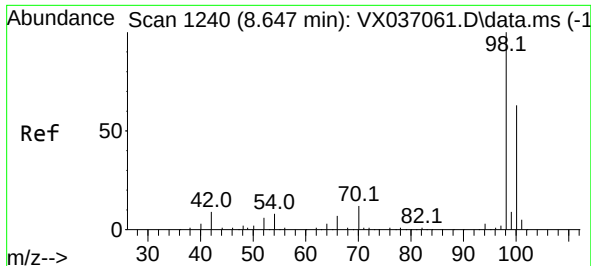
Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 5.9 8.3 12.5#



#43
Isopropyl Acetate
Concen: 25.258 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 43 Resp: 94842
Ion Ratio Lower Upper
43 100
61 23.4 15.2 22.8#
87 16.7 9.8 14.6#

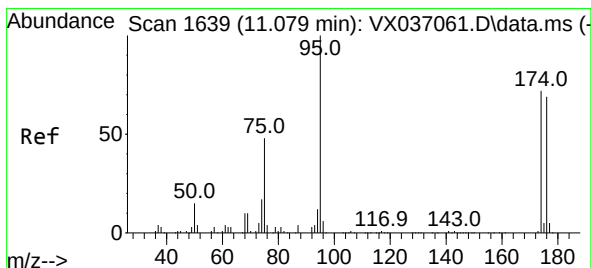
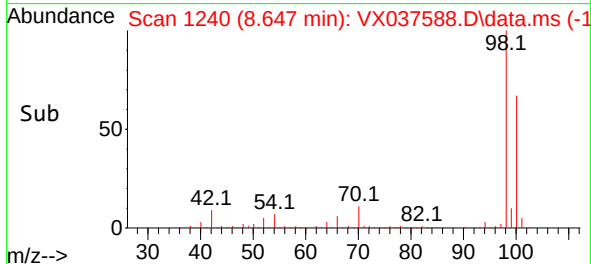
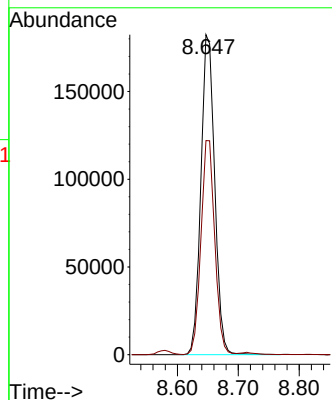
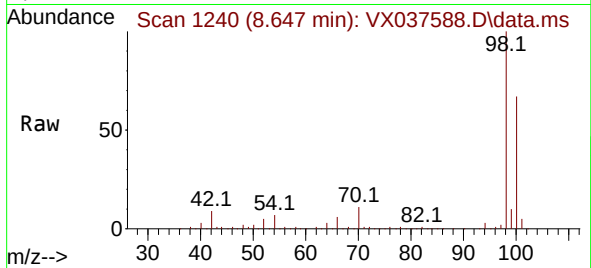




#50
Toluene-d8
Concen: 48.667 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

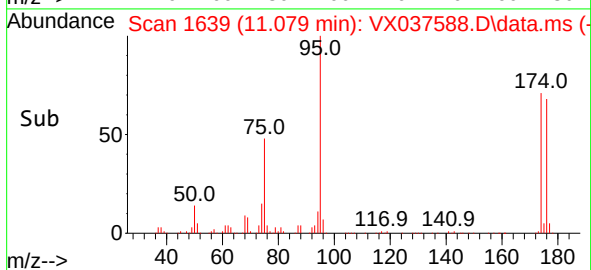
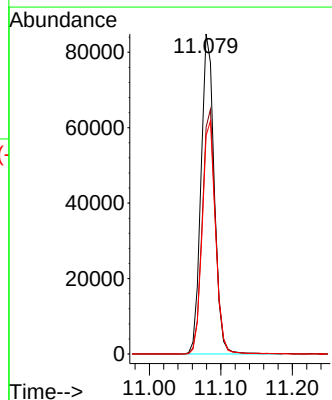
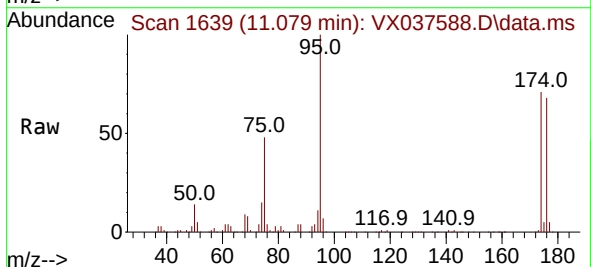
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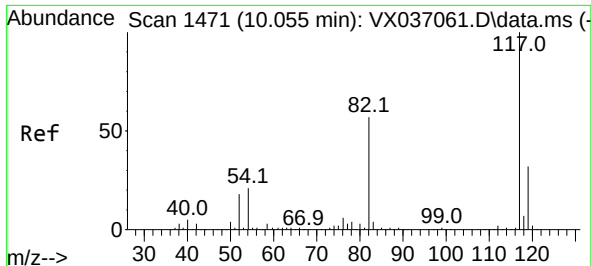
Tgt Ion: 98 Resp: 287695
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 95 Resp: 108632
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 73.4 0.0 131.0

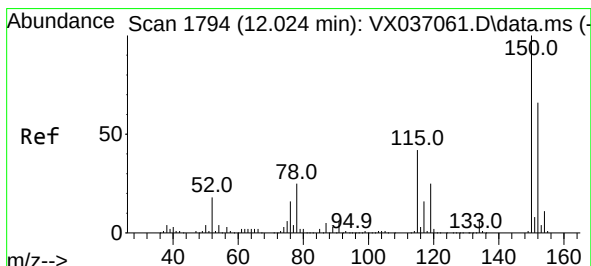
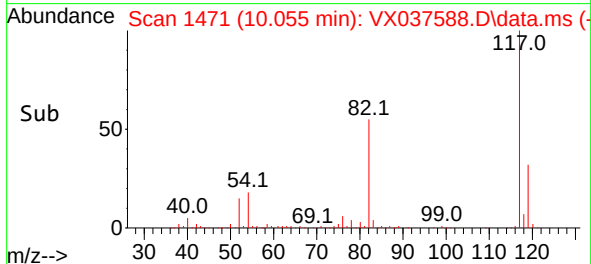
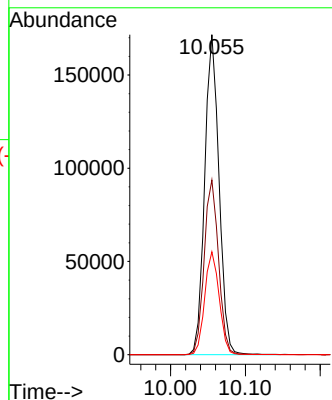
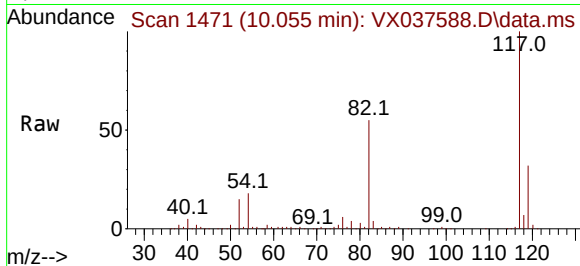




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :
PB155358TB

Tgt Ion:117 Resp: 228397
Ion Ratio Lower Upper
117 100
82 54.6 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: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion:152 Resp: 99214
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 154.3 0.0 345.0

