

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035793.D
 Acq On : 22 May 2023 18:32
 Operator : JC/MD
 Sample : PB152922TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB152922TB

Quant Time: May 23 06:15:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

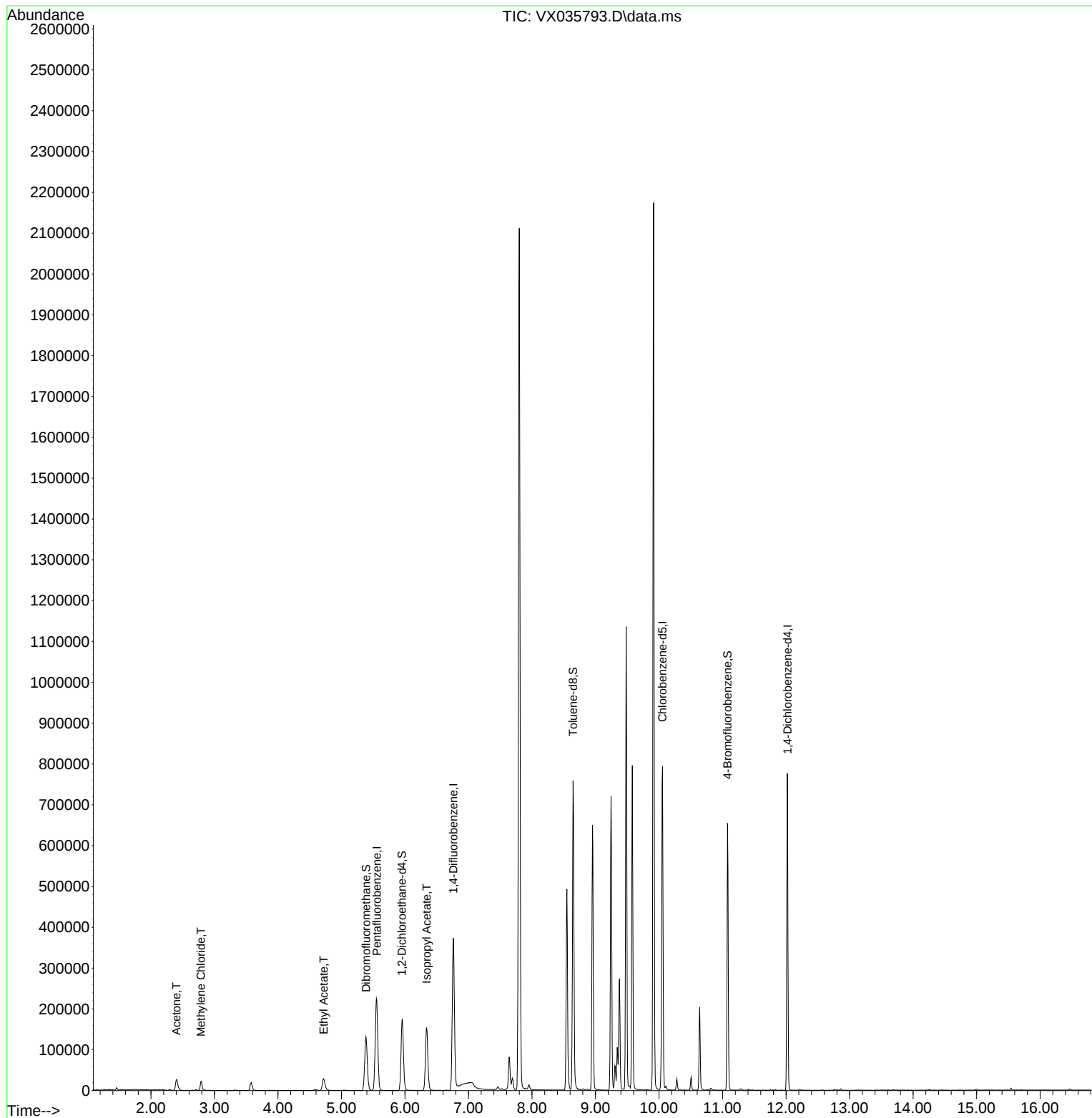
Internal Standards						
1) Pentafluorobenzene	5.556	168	192060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175042	52.243	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	104.480%	
35) Dibromofluoromethane	5.385	113	113039	47.844	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.680%	
50) Toluene-d8	8.647	98	417143	47.792	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.580%	
62) 4-Bromofluorobenzene	11.079	95	171079	48.680	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.360%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	45573	31.647	ug/l	91
20) Methylene Chloride	2.788	84	11069	4.241	ug/l	94
37) Ethyl Acetate	4.721	43	54119	13.913	ug/l	99
43) Isopropyl Acetate	6.342	43	221418	32.643	ug/l	97

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

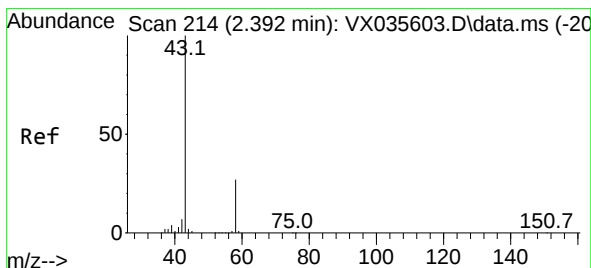
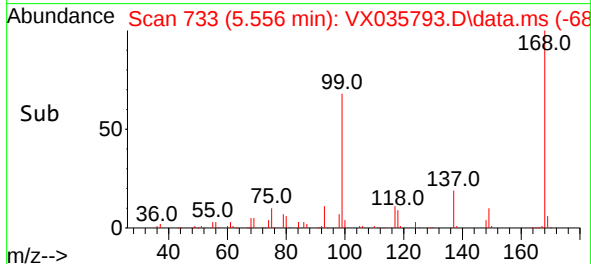
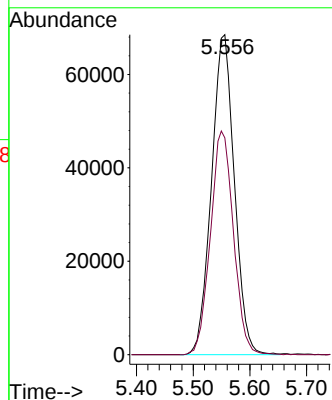
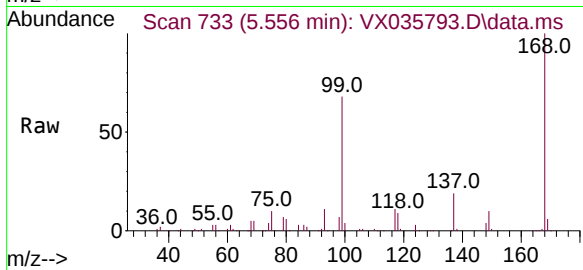
PB152922TB

Tgt Ion:168 Resp: 192060

Ion Ratio Lower Upper

168 100

99 67.7 45.7 68.5



#16

Acetone

Concen: 31.647 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX035793.D

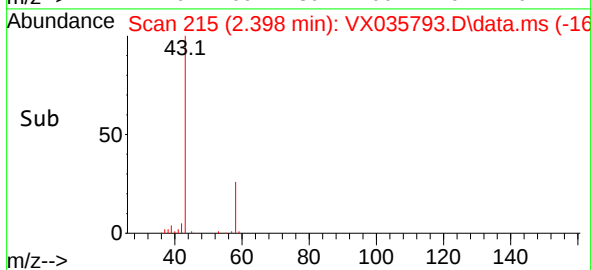
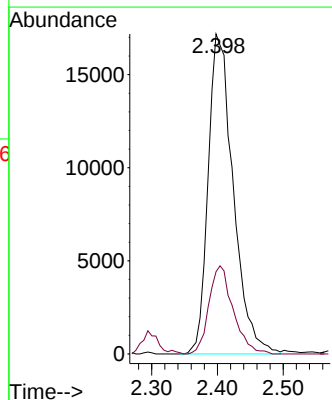
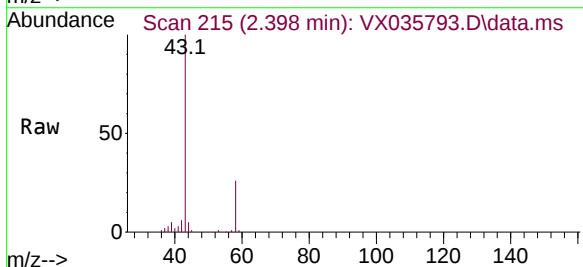
Acq: 22 May 2023 18:32

Tgt Ion: 43 Resp: 45573

Ion Ratio Lower Upper

43 100

58 25.7 24.7 37.1

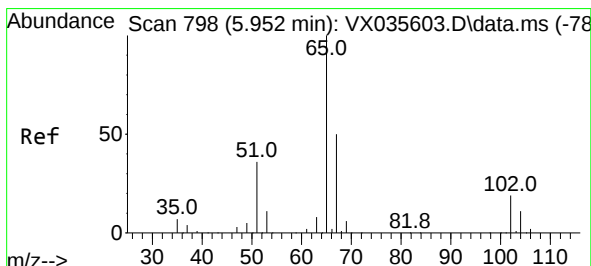
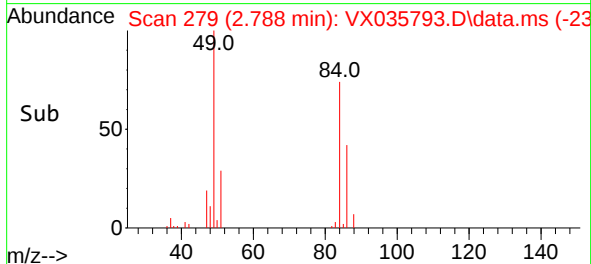
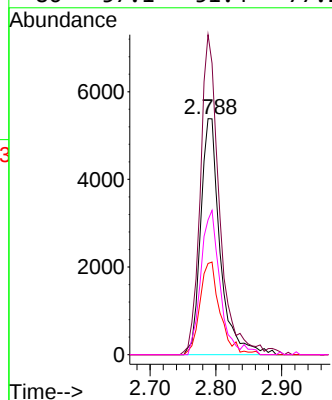
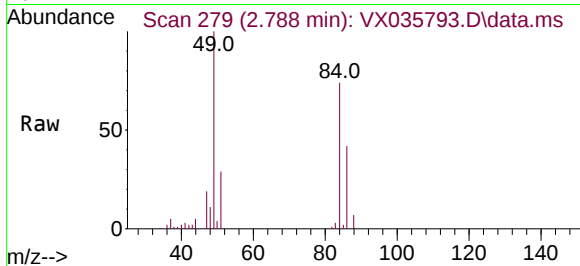




#20
Methylene Chloride
Concen: 4.241 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

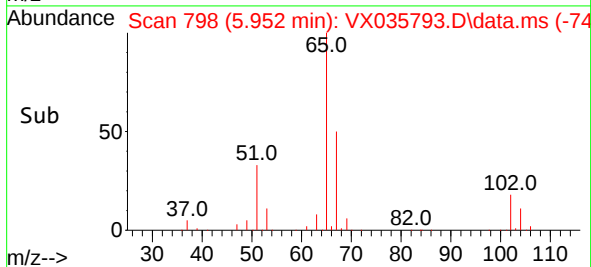
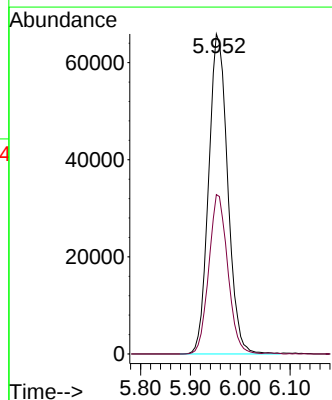
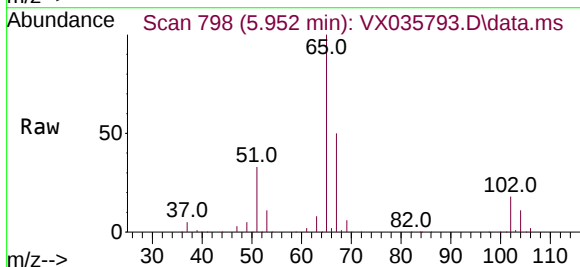
Instrument :
MSVOA_X
ClientSampleId :
PB152922TB

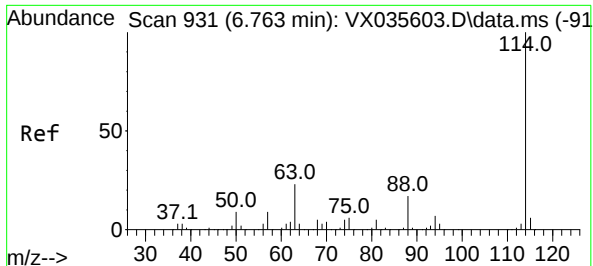
Tgt Ion:	84	Resp:	11069
Ion	Ratio	Lower	Upper
84	100		
49	135.6	103.8	155.8
51	38.7	31.8	47.8
86	57.1	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 52.243 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

Tgt Ion:	65	Resp:	175042
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	104.0

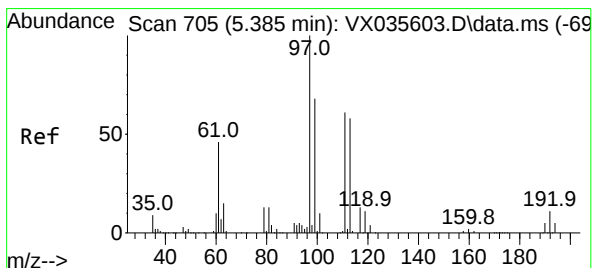
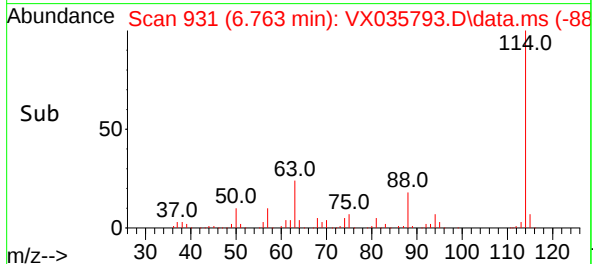
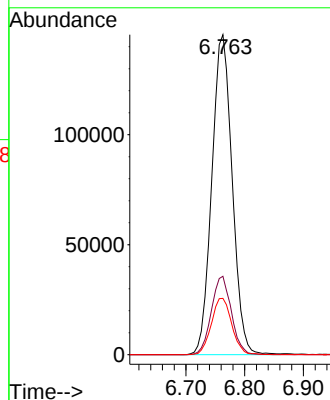
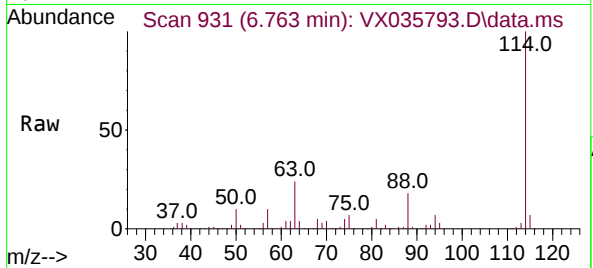




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

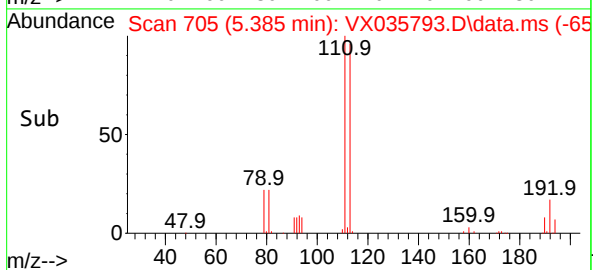
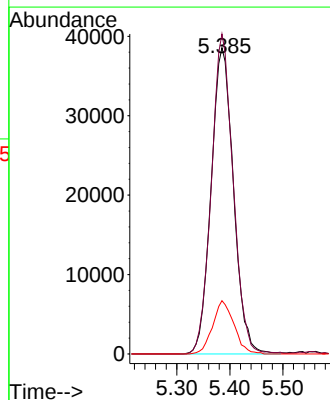
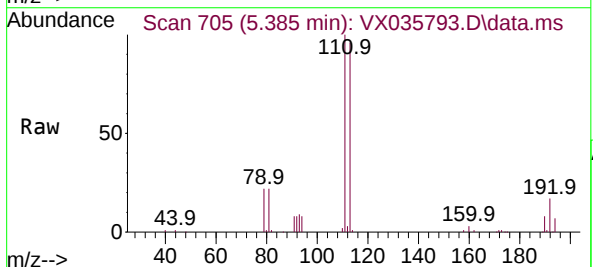
Instrument :
MSVOA_X
ClientSampleId :
PB152922TB

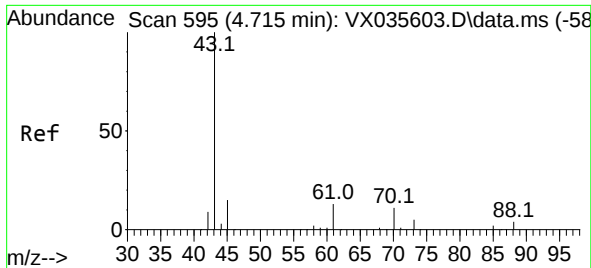
Tgt Ion:114 Resp: 350339
Ion Ratio Lower Upper
114 100
63 24.5 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

Tgt Ion:113 Resp: 113039
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 16.5 15.4 23.2





#37

Ethyl Acetate

Concen: 13.913 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035793.D

Acq: 22 May 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

PB152922TB

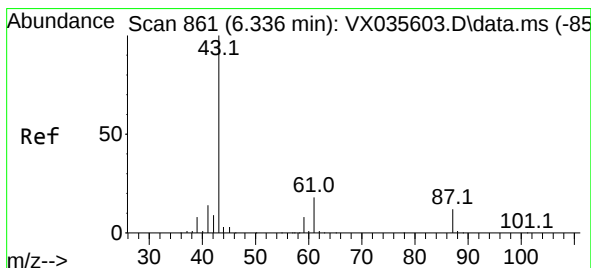
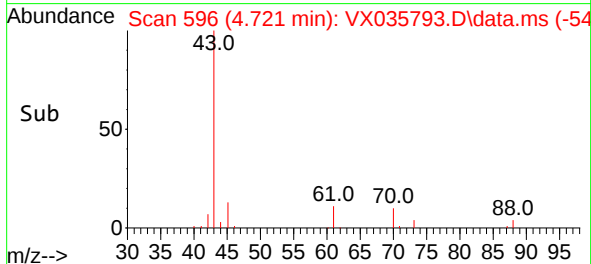
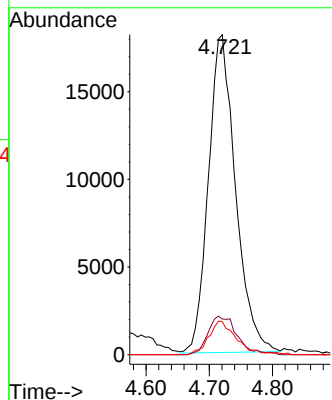
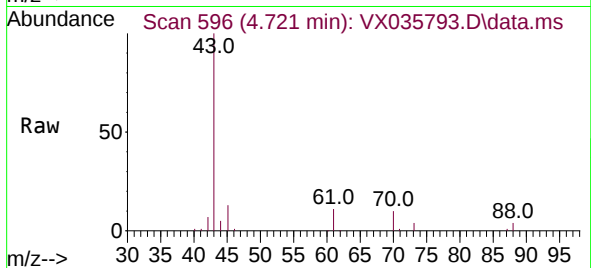
Tgt Ion: 43 Resp: 54119

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.4

70 10.8 8.2 12.4



#43

Isopropyl Acetate

Concen: 32.643 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035793.D

Acq: 22 May 2023 18:32

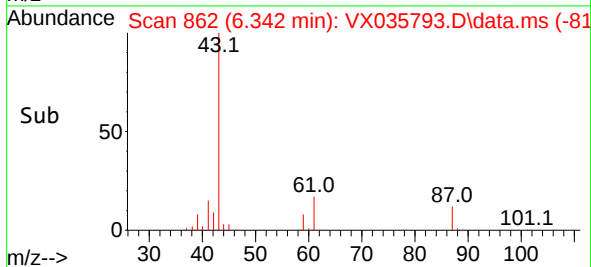
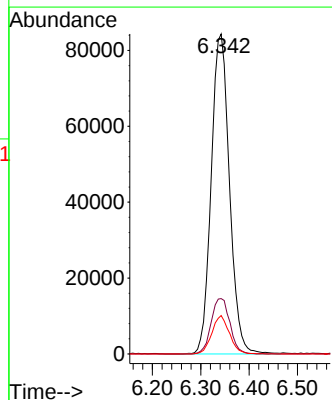
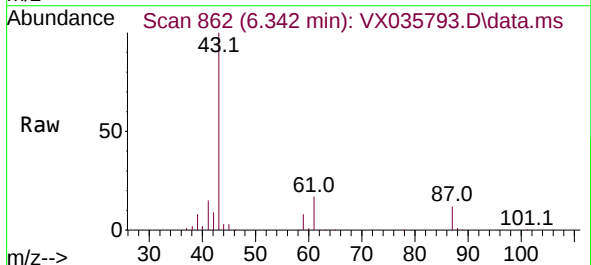
Tgt Ion: 43 Resp: 221418

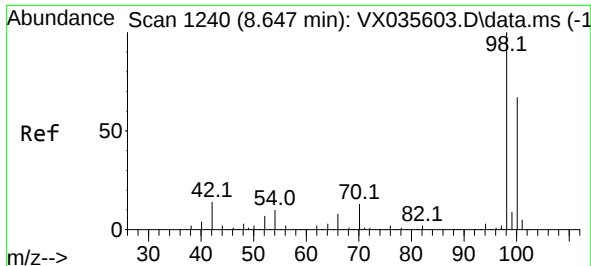
Ion Ratio Lower Upper

43 100

61 17.7 15.2 22.8

87 11.5 9.8 14.8

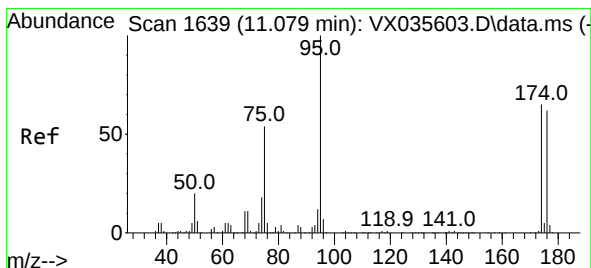
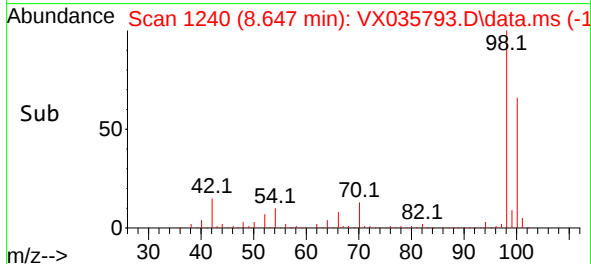
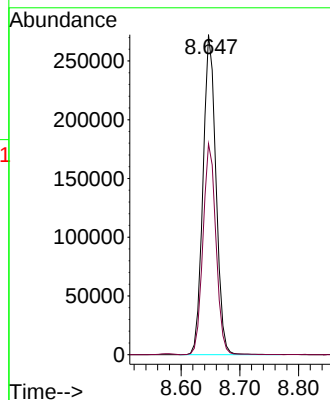
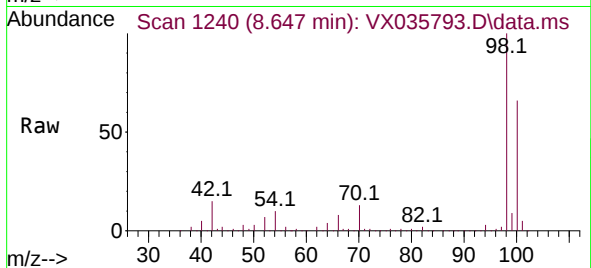




#50
Toluene-d8
Concen: 47.792 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

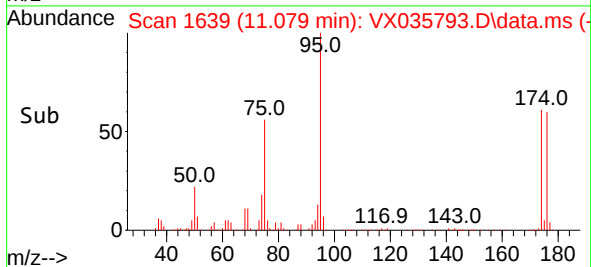
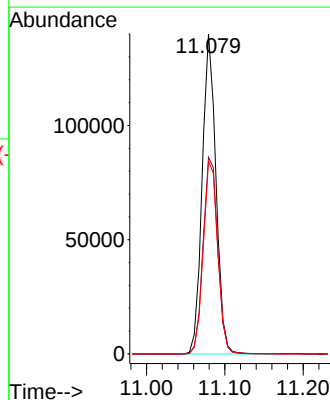
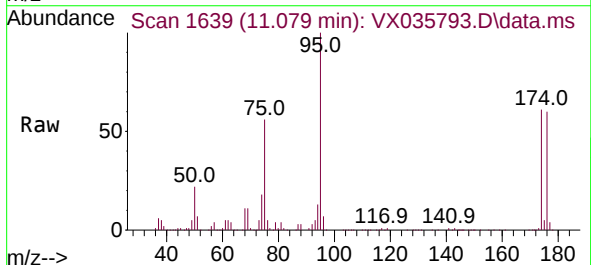
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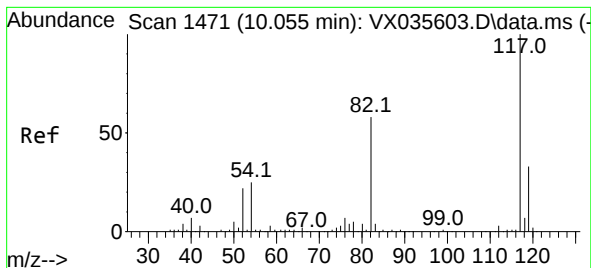
Tgt Ion: 98 Resp: 417143
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

Tgt Ion: 95 Resp: 171079
Ion Ratio Lower Upper
95 100
174 65.1 0.0 147.4
176 63.3 0.0 140.6

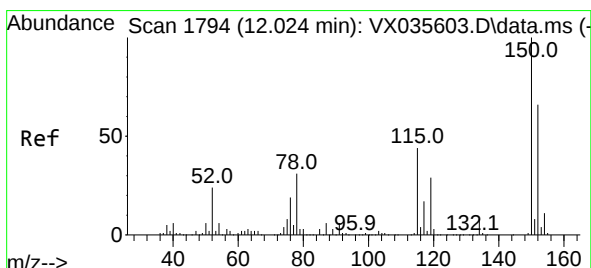
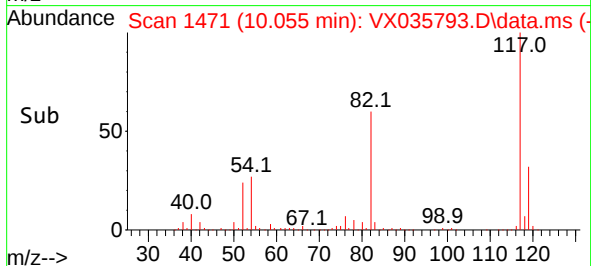
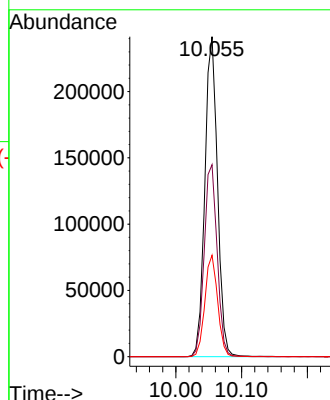
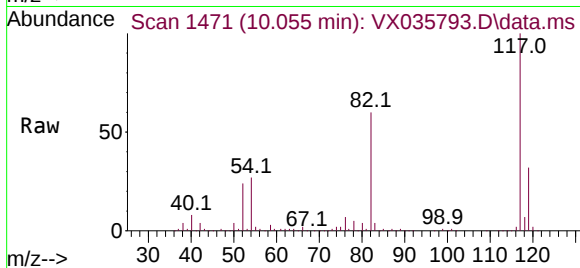




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 322272
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035793.D
Acq: 22 May 2023 18:32

Tgt Ion:152 Resp: 142981
Ion Ratio Lower Upper
152 100
115 66.3 45.0 135.0
150 158.5 0.0 352.4

