

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031696.D
 Acq On : 27 Sep 2022 12:27
 Operator : JC/MD
 Sample : N4809-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0923

Quant Time: Sep 28 06:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

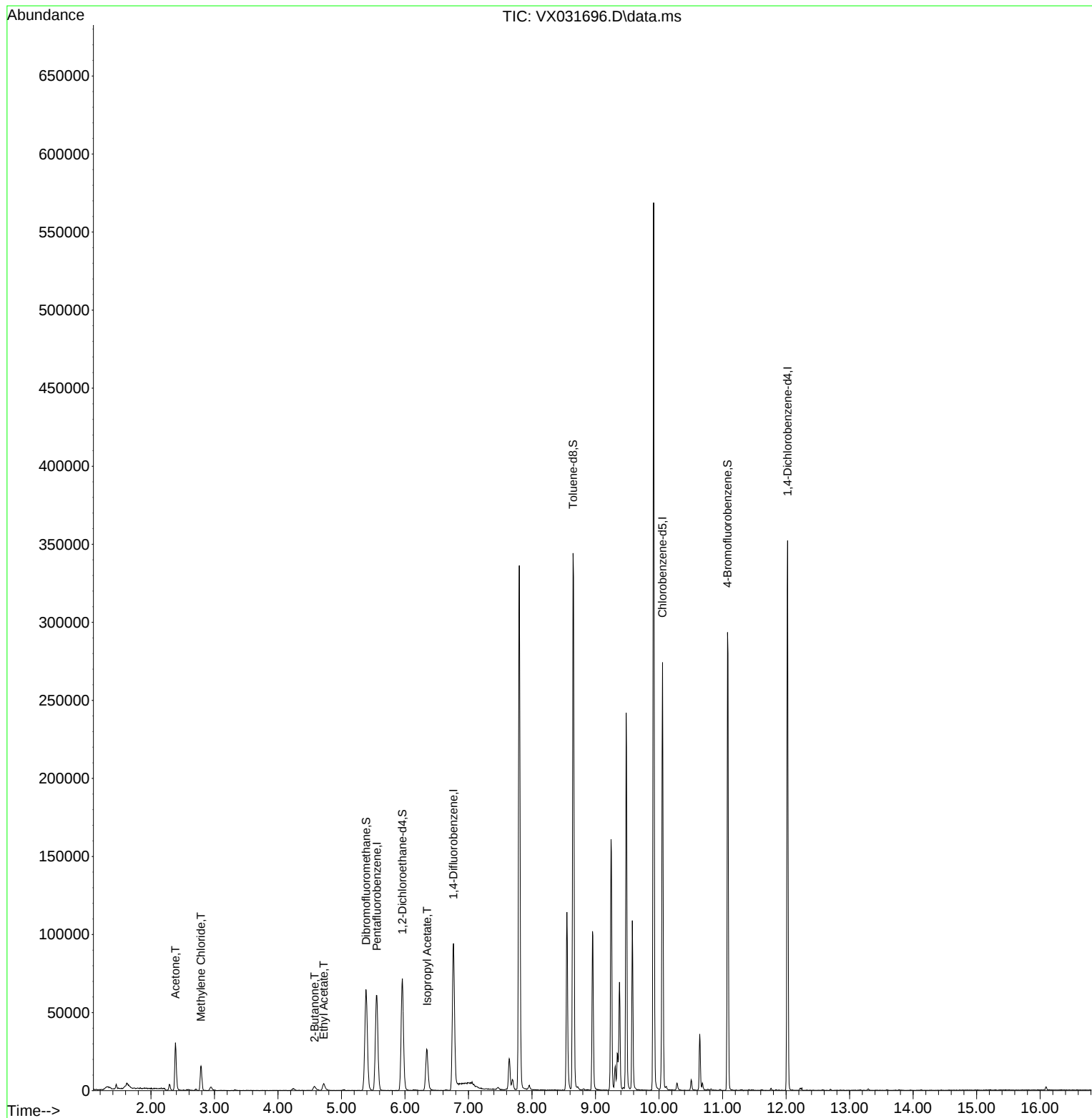
Internal Standards						
1) Pentafluorobenzene	5.556	168	57758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67368	54.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	5.385	113	53663	47.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.440%	
50) Toluene-d8	8.647	98	208988	50.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	11.079	95	71844	47.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	33028	105.363	ug/l	94
20) Methylene Chloride	2.788	84	7183	7.839	ug/l	91
25) 2-Butanone	4.574	43	3499	5.980	ug/l	95
37) Ethyl Acetate	4.721	43	7601	5.774	ug/l #	93
43) Isopropyl Acetate	6.348	43	35412	17.091	ug/l	96

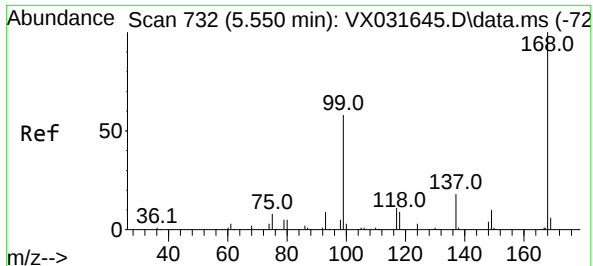
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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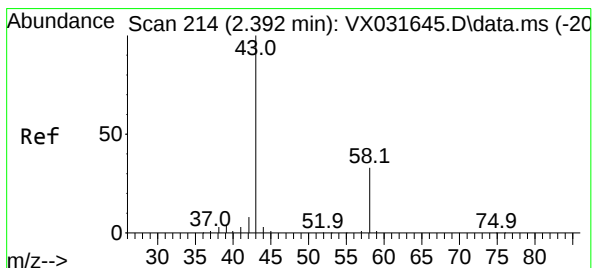
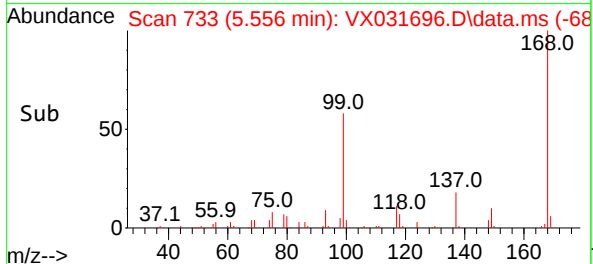
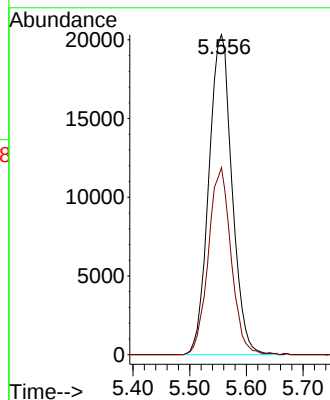
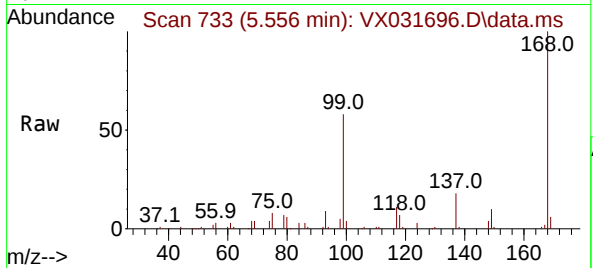




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

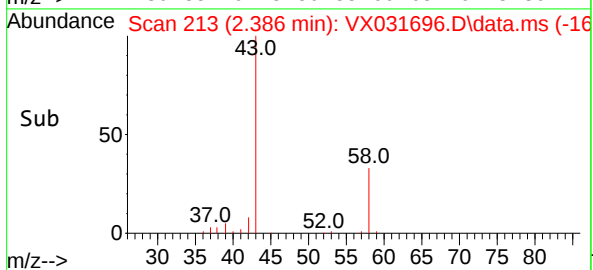
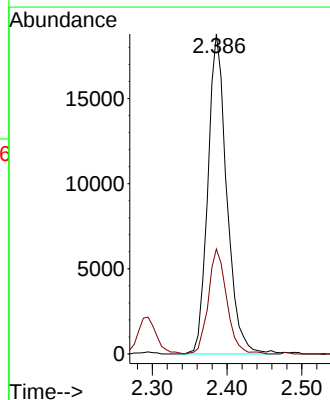
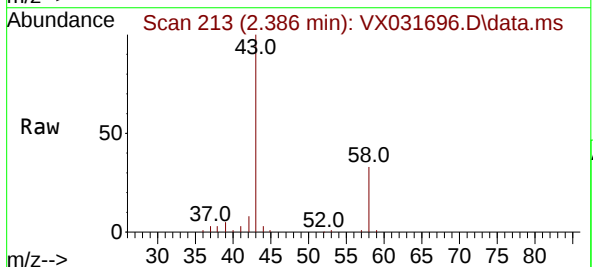
Instrument :
MSVOA_X
ClientSampleId :
TP2-0923

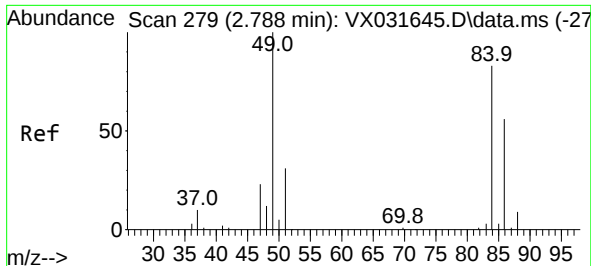
Tgt Ion:168 Resp: 57758
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#16
Acetone
Concen: 105.363 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

Tgt Ion: 43 Resp: 33028
Ion Ratio Lower Upper
43 100
58 32.8 23.8 35.8

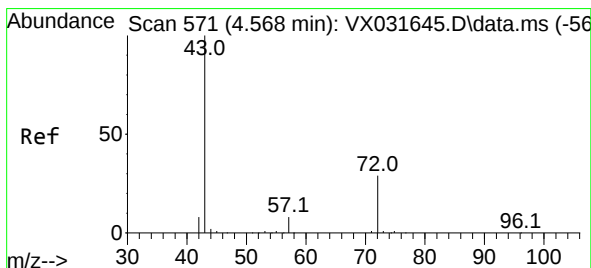
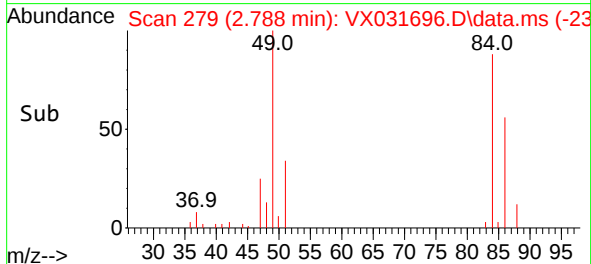
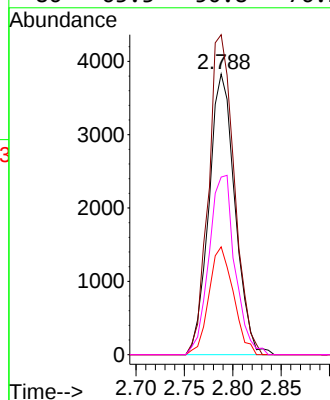
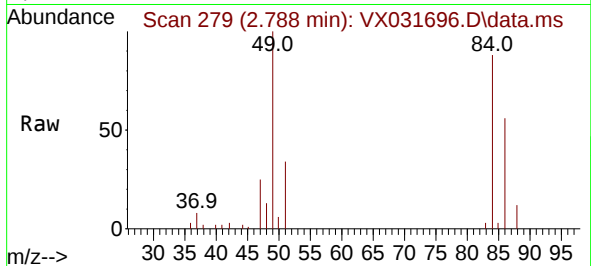




#20
Methylene Chloride
Concen: 7.839 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

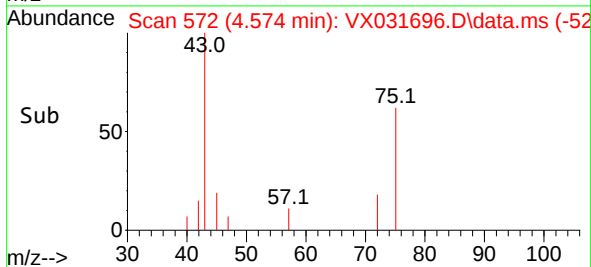
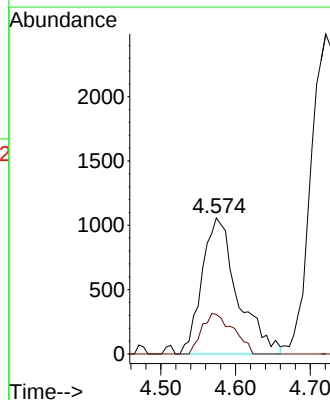
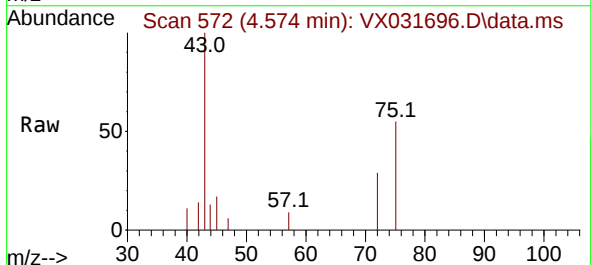
Instrument :
MSVOA_X
ClientSampleId :
TP2-0923

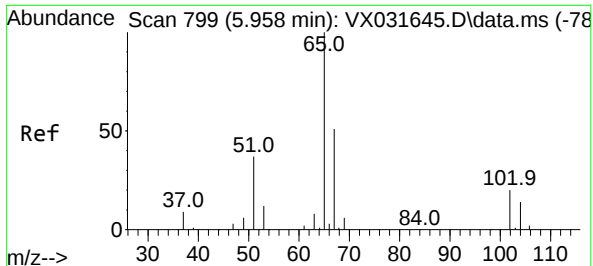
Tgt Ion: 84	Resp: 7183
Ion Ratio	Lower Upper
84 100	
49 114.0	105.9 158.9
51 38.4	32.2 48.2
86 63.3	50.8 76.2



#25
2-Butanone
Concen: 5.980 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

Tgt Ion: 43	Resp: 3499		
Ion Ratio	Lower	Upper	
43 100			
72 29.0	21.1	31.7	





#33

1,2-Dichloroethane-d4

Concen: 54.956 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031696.D

Acq: 27 Sep 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

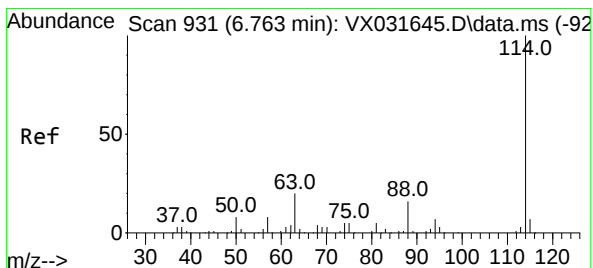
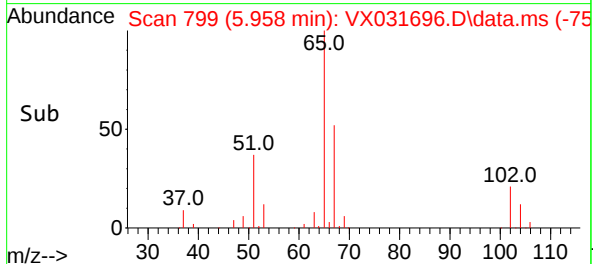
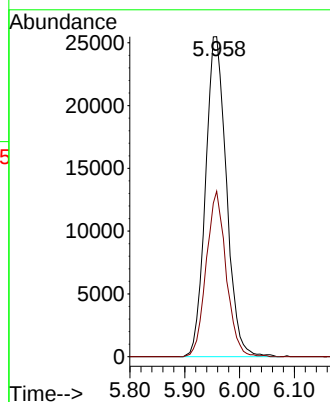
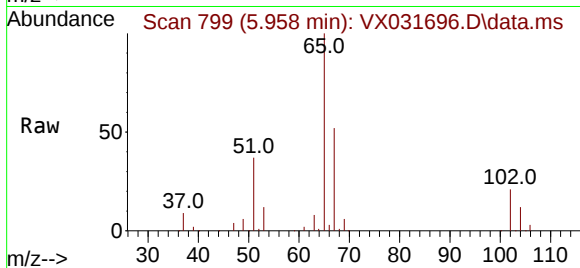
TP2-0923

Tgt Ion: 65 Resp: 67368

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031696.D

Acq: 27 Sep 2022 12:27

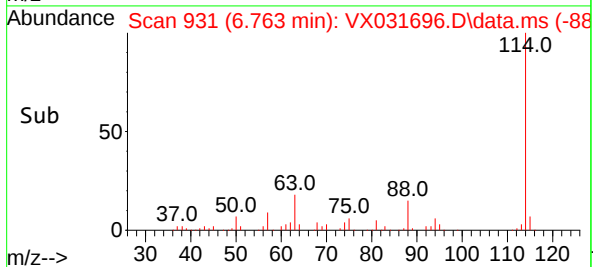
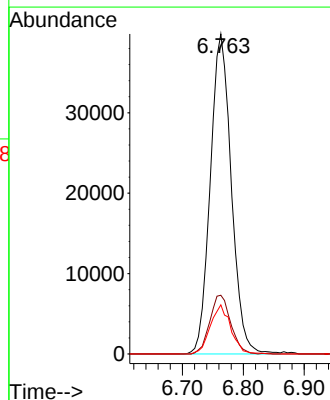
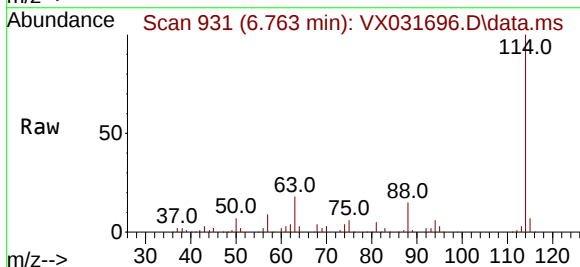
Tgt Ion: 114 Resp: 95382

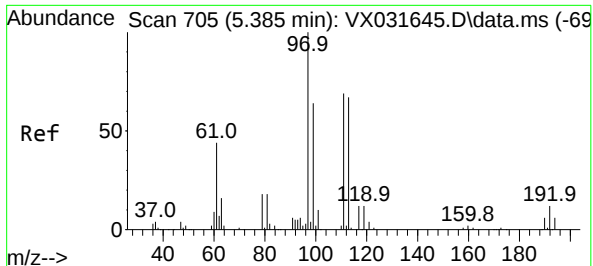
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.218 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031696.D

Acq: 27 Sep 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

TP2-0923

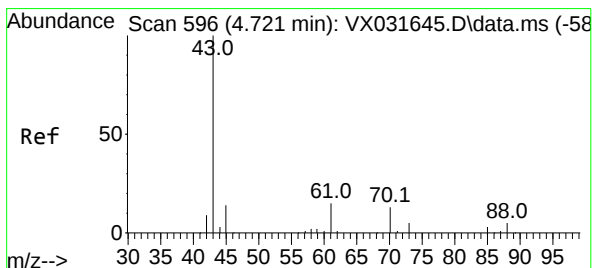
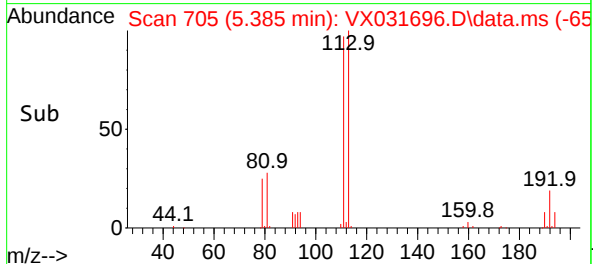
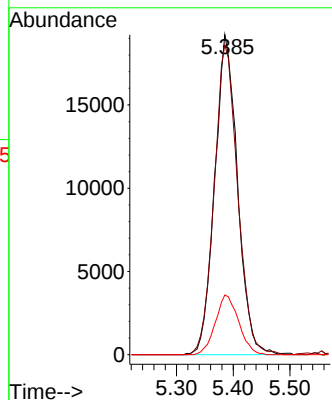
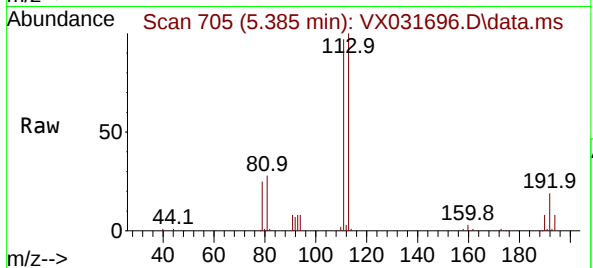
Tgt Ion:113 Resp: 53663

Ion Ratio Lower Upper

113 100

111 99.6 82.4 123.6

192 19.0 14.1 21.1



#37

Ethyl Acetate

Concen: 5.774 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031696.D

Acq: 27 Sep 2022 12:27

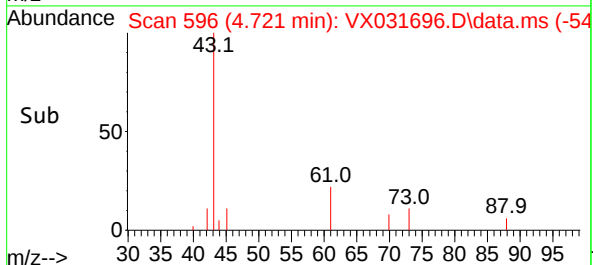
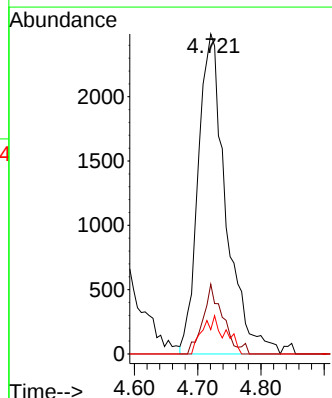
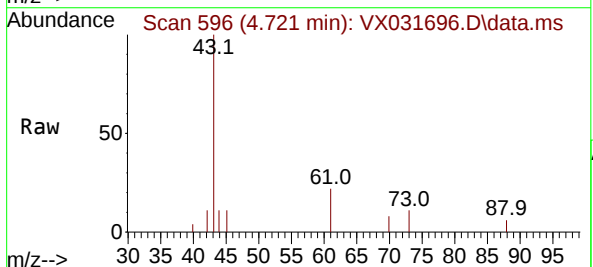
Tgt Ion: 43 Resp: 7601

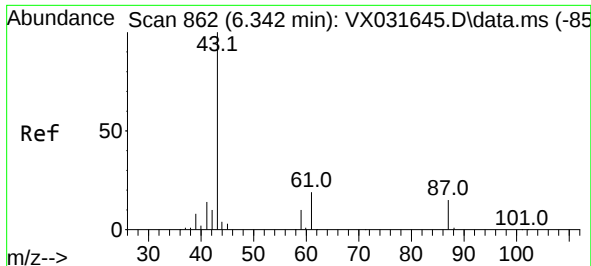
Ion Ratio Lower Upper

43 100

61 15.7 11.1 16.7

70 7.2 8.6 13.0#

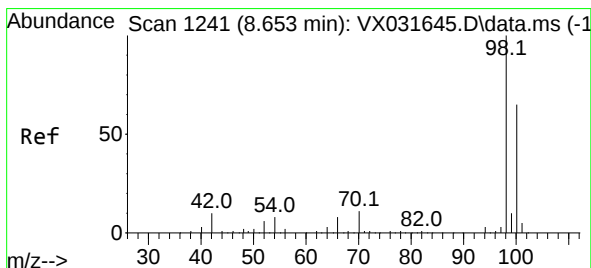
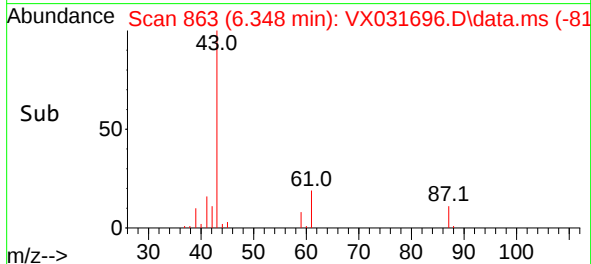
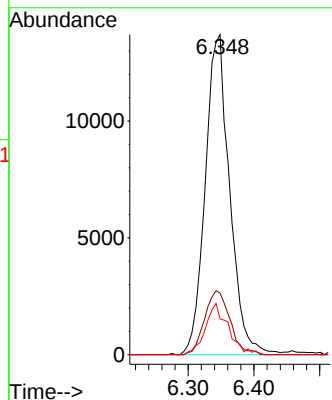
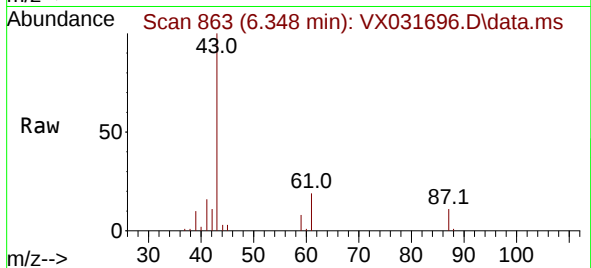




#43
Isopropyl Acetate
Concen: 17.091 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

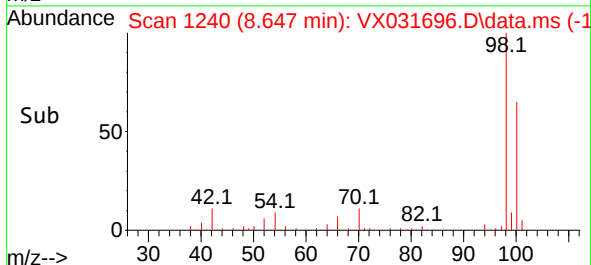
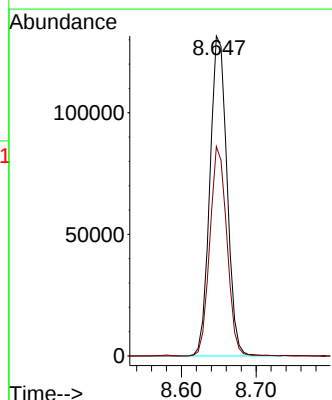
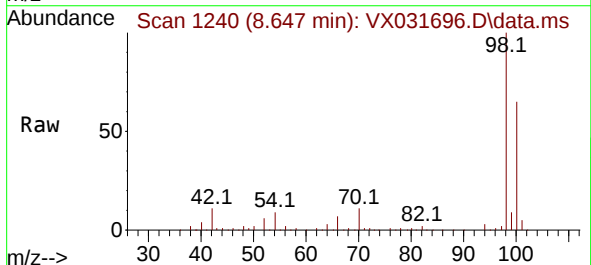
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TP2-0923

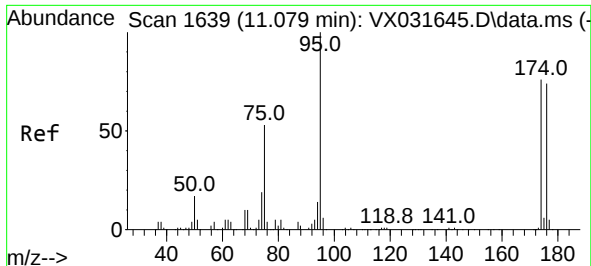
Tgt Ion: 43 Resp: 35412
Ion Ratio Lower Upper
43 100
61 20.7 15.3 22.9
87 14.9 10.6 15.8



#50
Toluene-d8
Concen: 50.722 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

Tgt Ion: 98 Resp: 208988
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

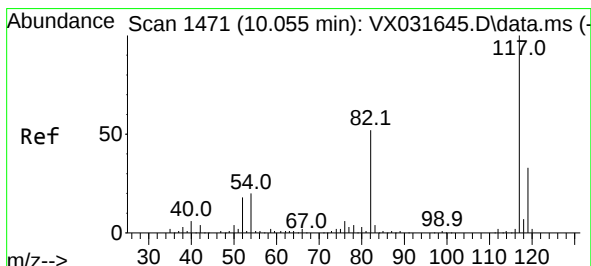
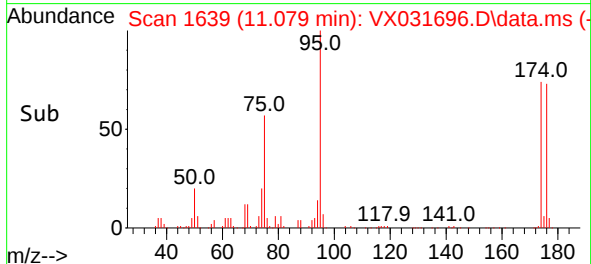
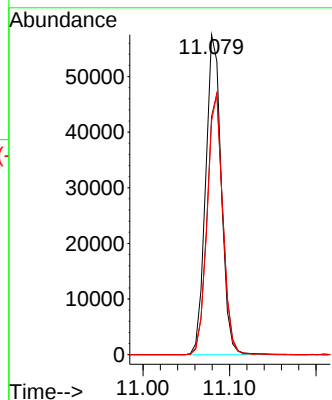
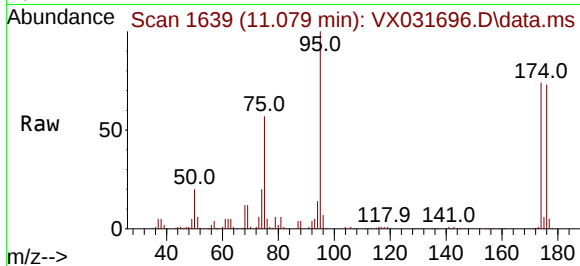




#62
4-Bromofluorobenzene
Concen: 47.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

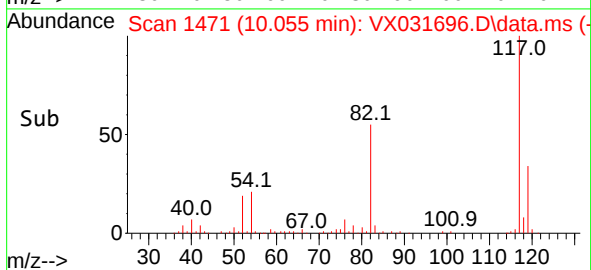
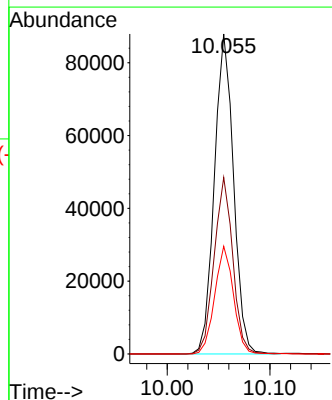
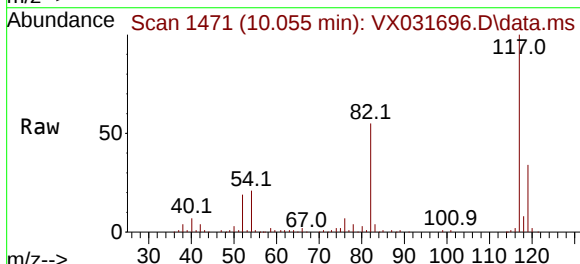
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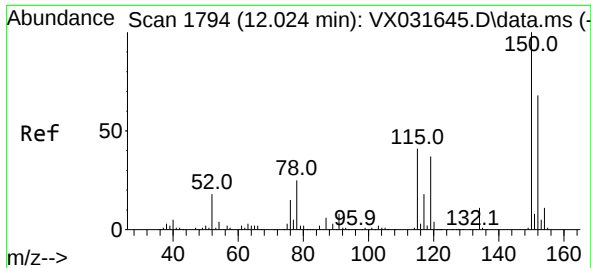
Tgt Ion: 95 Resp: 71844
Ion Ratio Lower Upper
95 100
174 82.5 0.0 153.2
176 80.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031696.D
Acq: 27 Sep 2022 12:27

Tgt Ion: 117 Resp: 113676
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 33.6 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031696.D

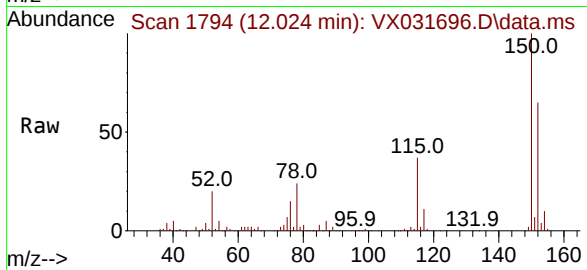
Acq: 27 Sep 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

TP2-0923



Tgt Ion:152 Resp: 71068

Ion Ratio Lower Upper

152 100

115 58.3 43.4 130.1

150 156.8 0.0 346.8

