

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037664.D
 Acq On : 12 Sep 2023 13:22
 Operator : JC/MD
 Sample : 04297-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 713-G-DIP

Quant Time: Sep 12 13:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

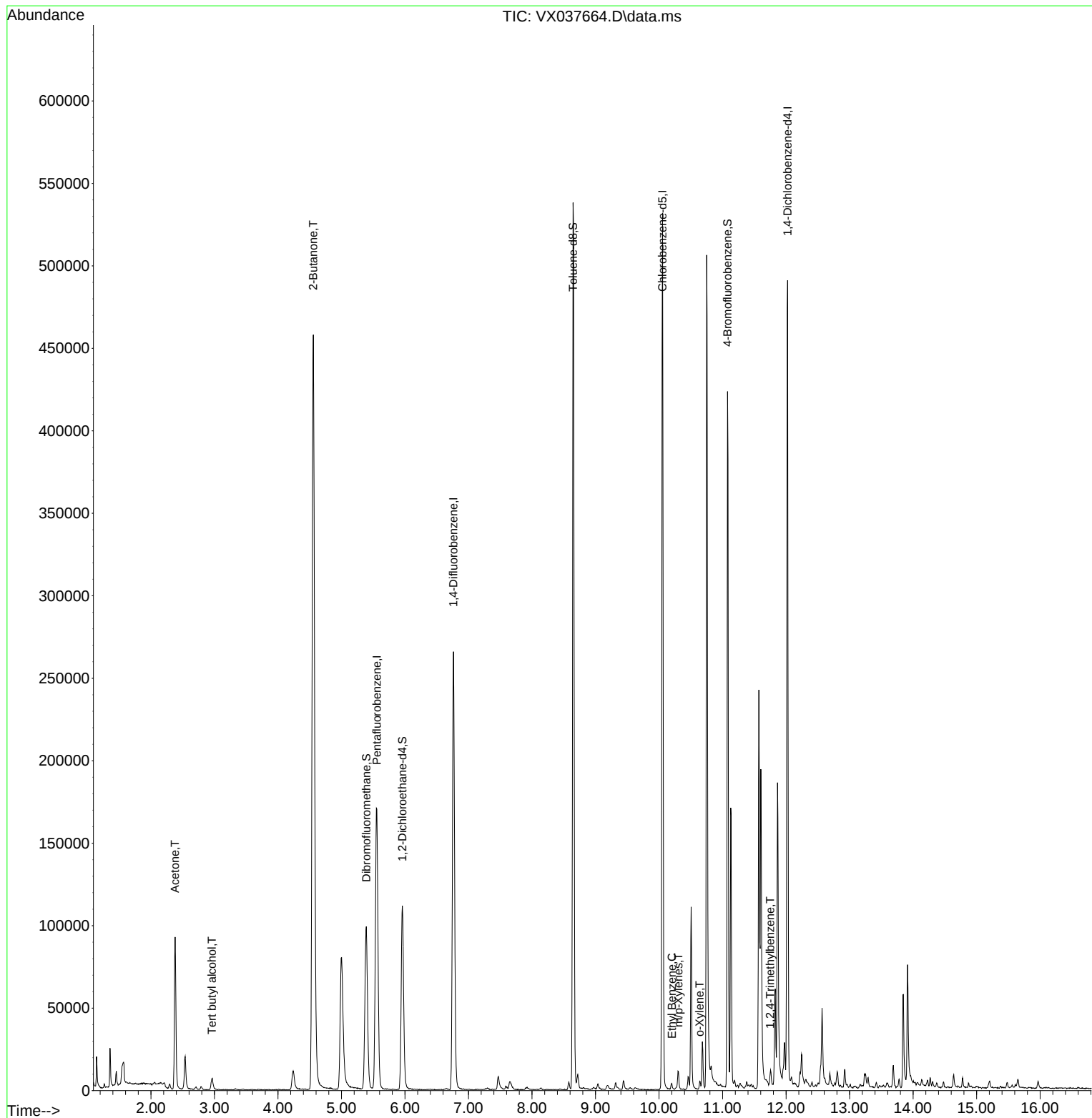
Internal Standards						
1) Pentafluorobenzene	5.556	168	160029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107385	41.475	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	82.940%	
35) Dibromofluoromethane	5.391	113	86289	45.788	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.580%	
50) Toluene-d8	8.647	98	328144	46.169	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.340%	
62) 4-Bromofluorobenzene	11.079	95	109321	42.634	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	85.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	7605	3.488	ug/l #	91
16) Acetone	2.379	43	98054	91.612	ug/l	94
25) 2-Butanone	4.556	43	787726	458.367	ug/l	93
67) Ethyl Benzene	10.201	91	2392m	0.265	ug/l	
68) m/p-Xylenes	10.305	106	2624	0.762	ug/l	90
69) o-Xylene	10.640	106	1026	0.301	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	3687	0.591	ug/l	97

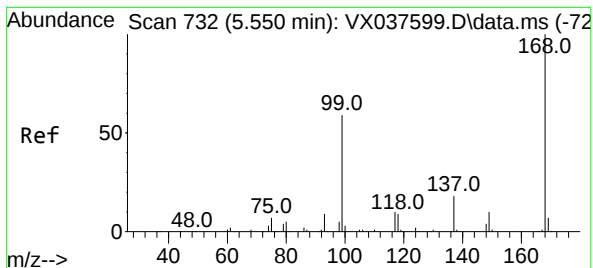
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 13:47:40 2023
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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037664.D

Acq: 12 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

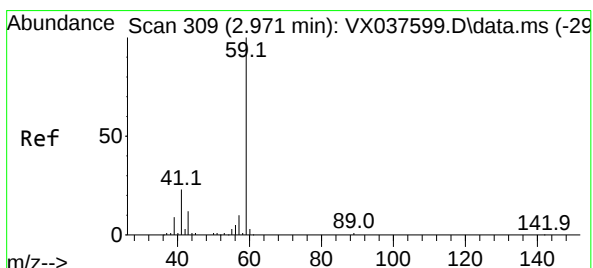
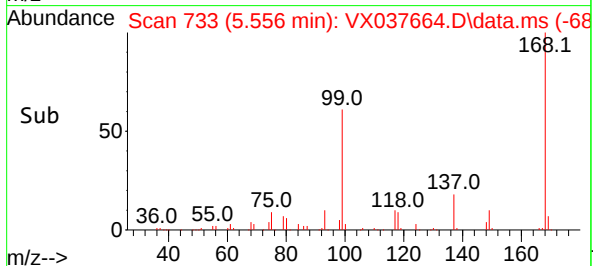
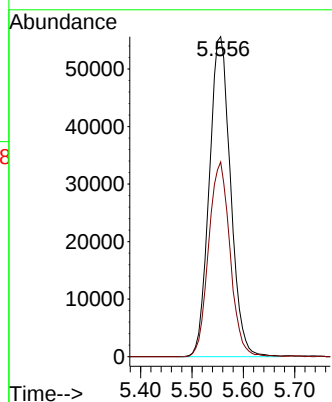
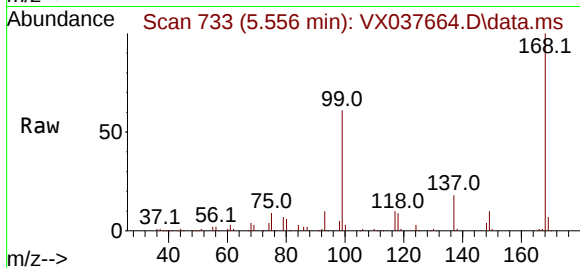
713-G-DIP

Tgt Ion:168 Resp: 160029

Ion Ratio Lower Upper

168 100

99 60.9 56.6 85.0



#11

Tert butyl alcohol

Concen: 3.488 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX037664.D

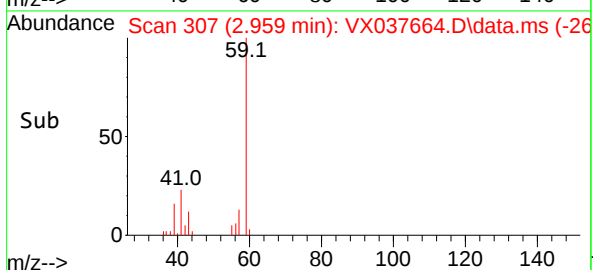
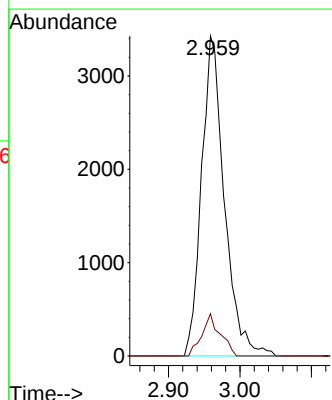
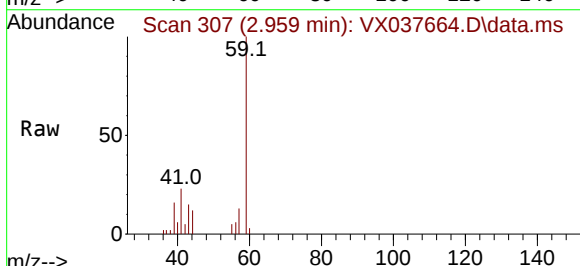
Acq: 12 Sep 2023 13:22

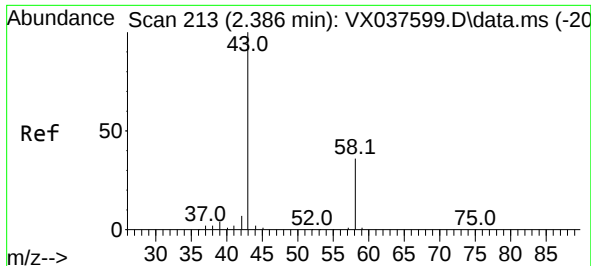
Tgt Ion: 59 Resp: 7605

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#

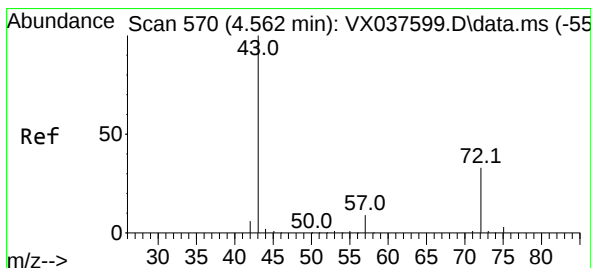
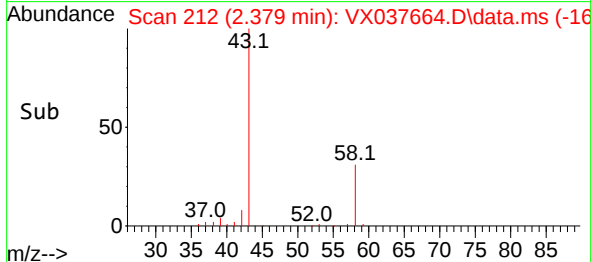
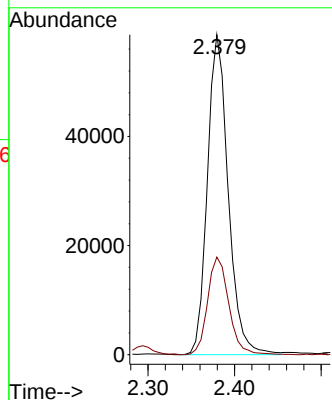
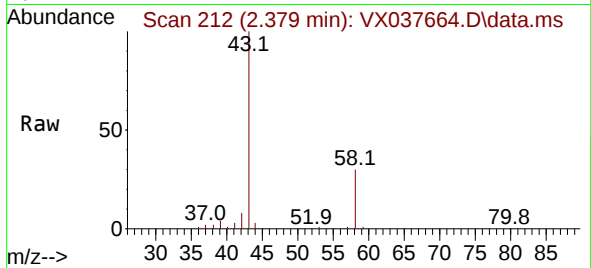




#16
Acetone
Concen: 91.612 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

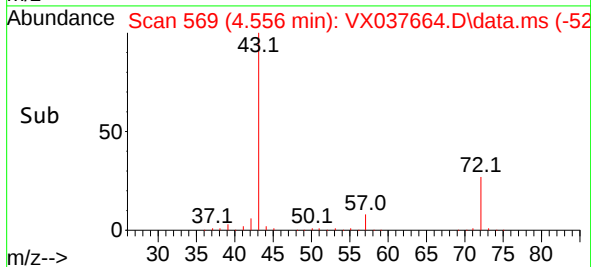
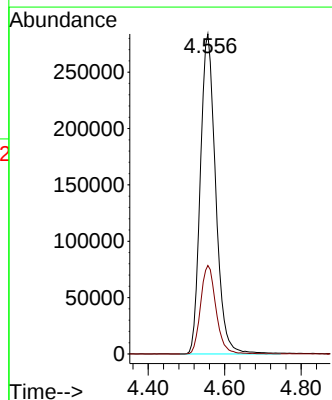
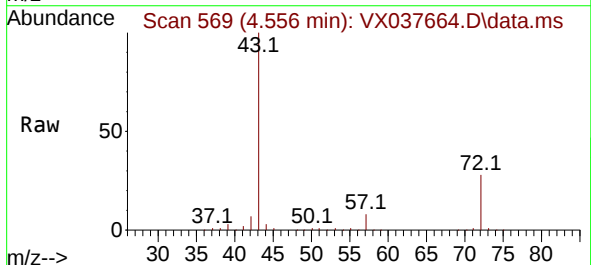
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP

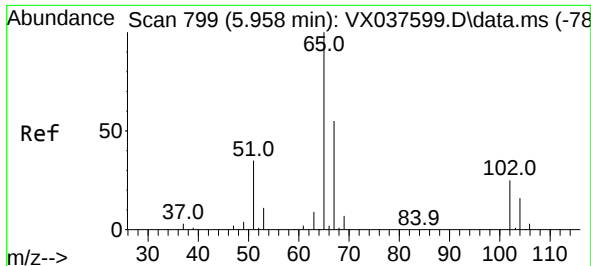
Tgt Ion: 43 Resp: 98054
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



#25
2-Butanone
Concen: 458.367 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

Tgt Ion: 43 Resp: 787726
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 41.475 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037664.D

Acq: 12 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

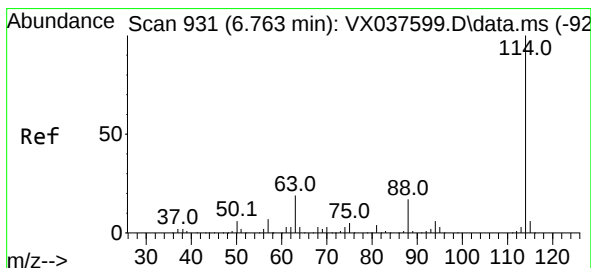
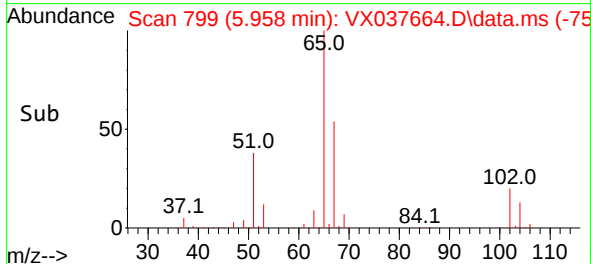
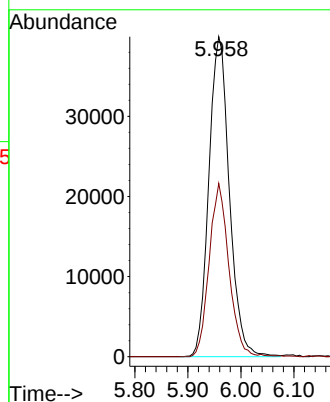
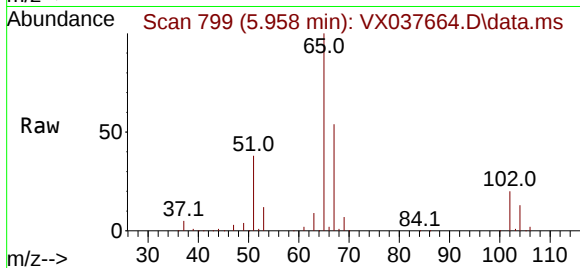
713-G-DIP

Tgt Ion: 65 Resp: 107385

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037664.D

Acq: 12 Sep 2023 13:22

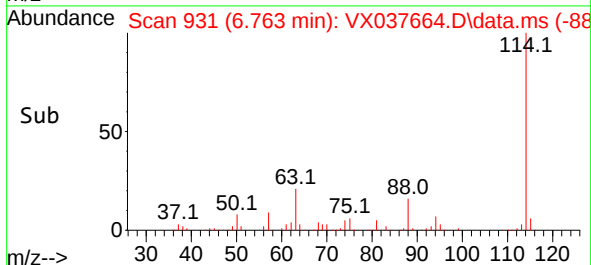
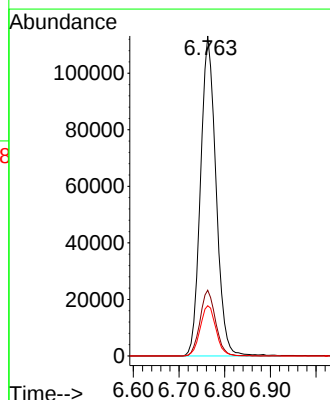
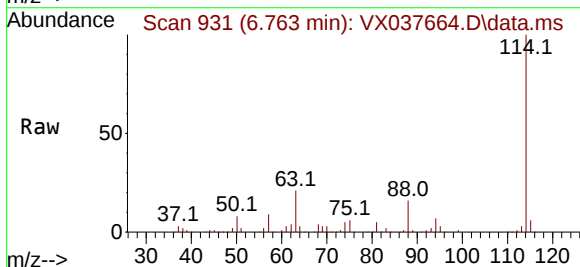
Tgt Ion: 114 Resp: 265875

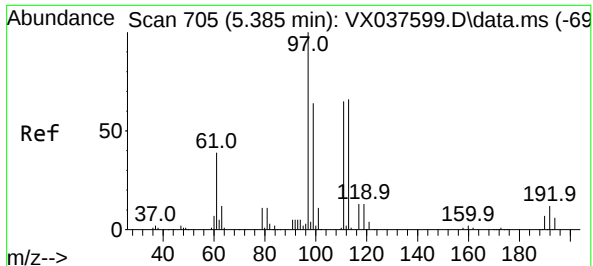
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.788 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037664.D

Acq: 12 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

713-G-DIP

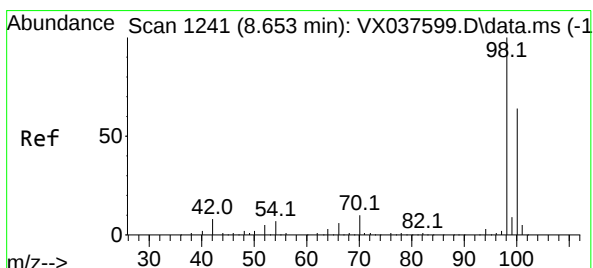
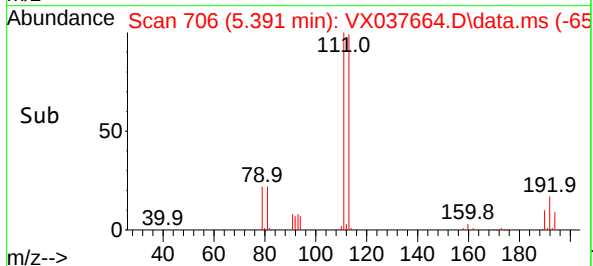
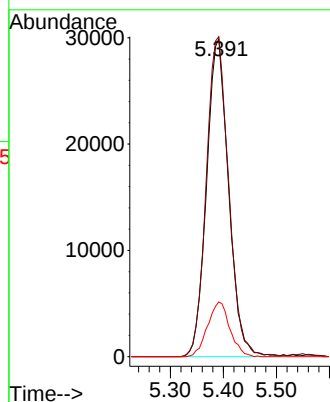
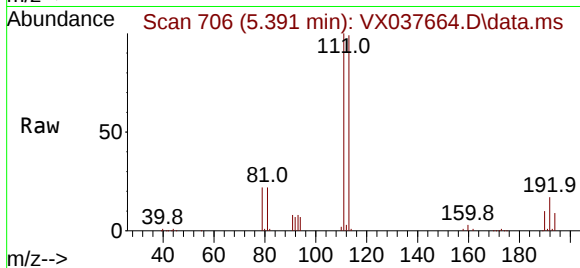
Tgt Ion:113 Resp: 86289

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 17.4 13.3 19.9



#50

Toluene-d8

Concen: 46.169 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037664.D

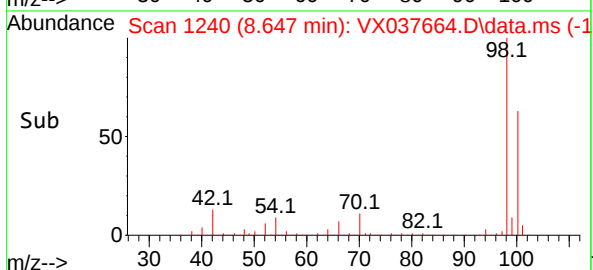
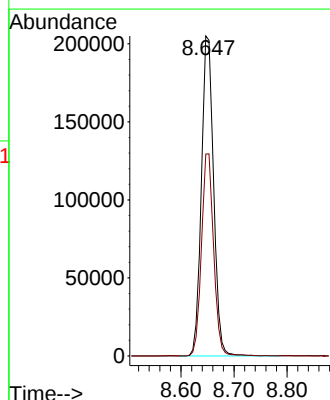
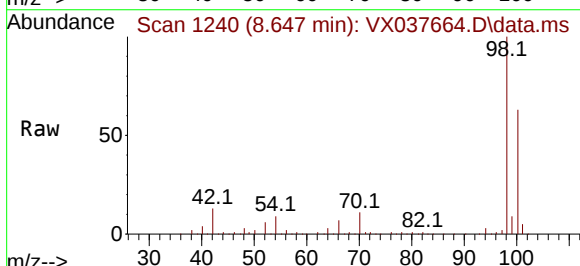
Acq: 12 Sep 2023 13:22

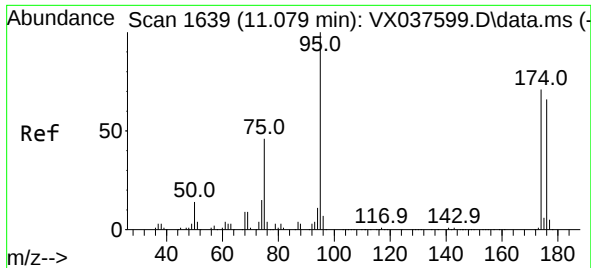
Tgt Ion: 98 Resp: 328144

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

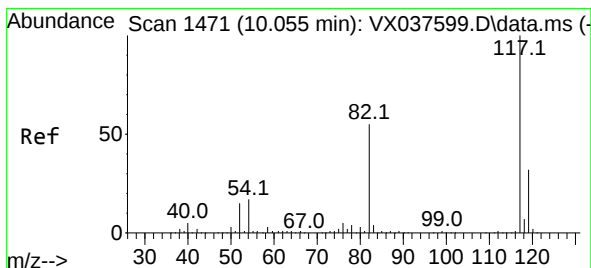
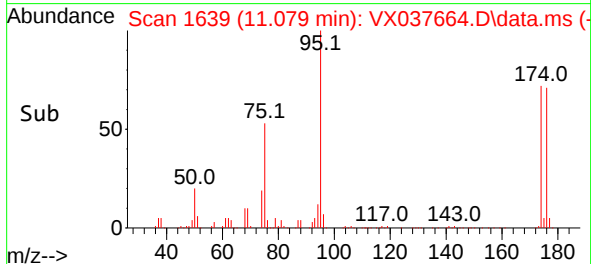
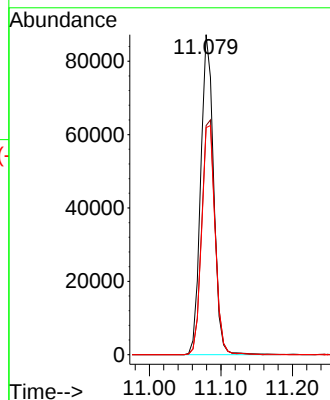
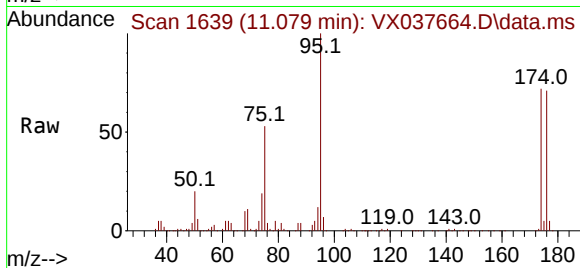




#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

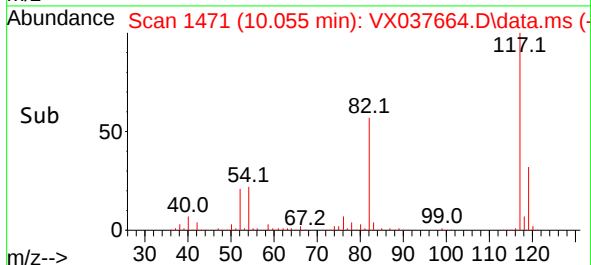
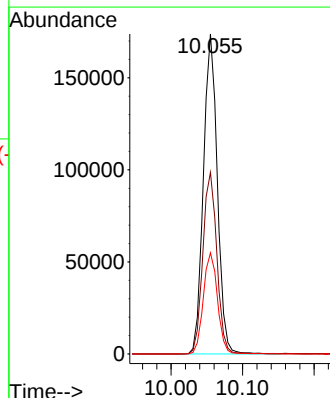
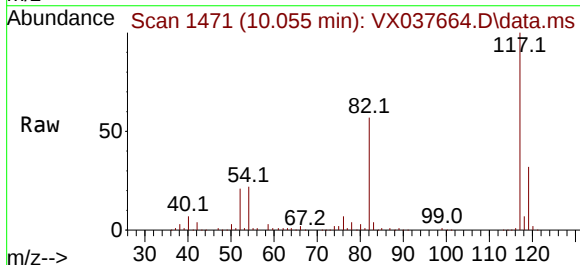
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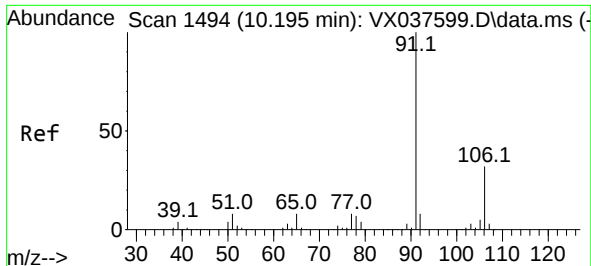
Tgt Ion: 95 Resp: 109321
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 74.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

Tgt Ion: 117 Resp: 235618
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 31.6 25.5 38.3





#67

Ethyl Benzene

Concen: 0.265 ug/l m

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX037664.D

Acq: 12 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

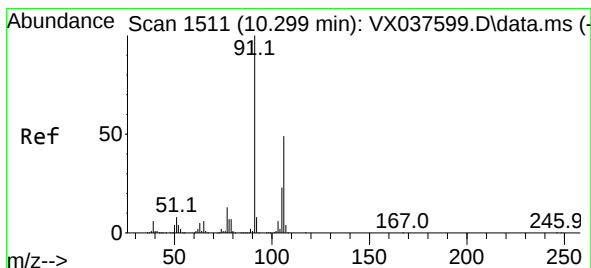
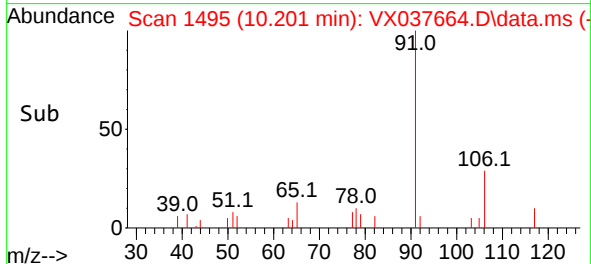
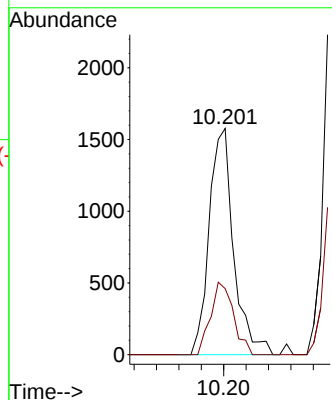
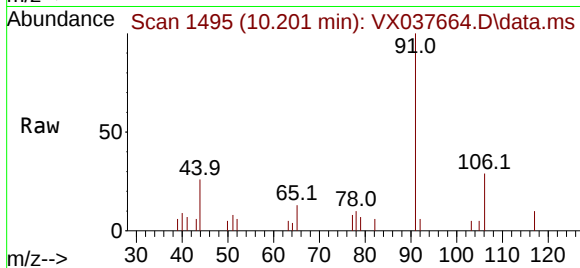
713-G-DIP

Tgt Ion: 91 Resp: 2392

Ion Ratio Lower Upper

91 100

106 29.2 24.9 37.3



#68

m/p-Xylenes

Concen: 0.762 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037664.D

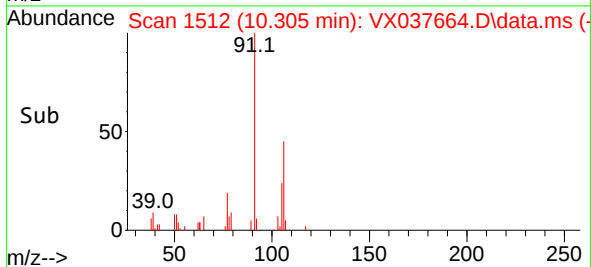
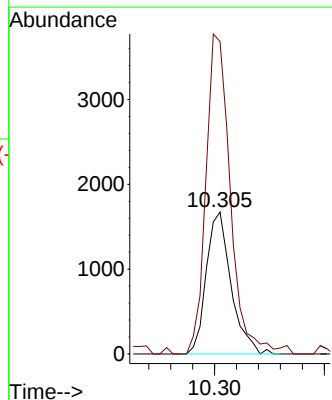
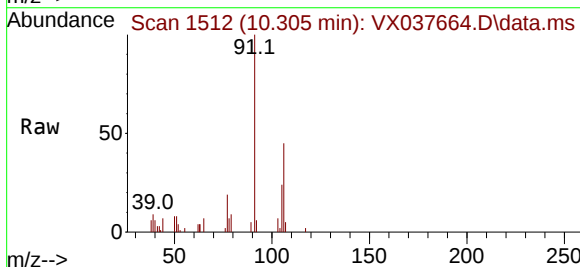
Acq: 12 Sep 2023 13:22

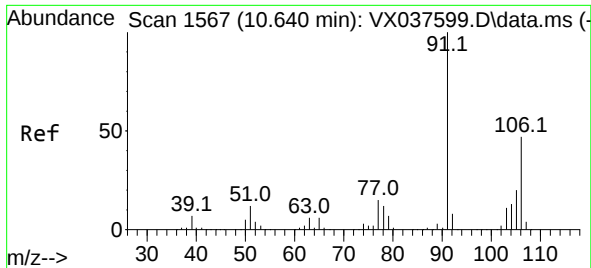
Tgt Ion: 106 Resp: 2624

Ion Ratio Lower Upper

106 100

91 223.0 165.5 248.3

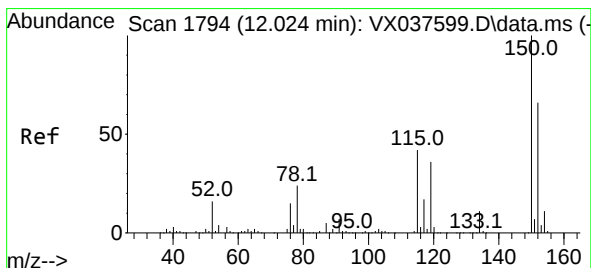
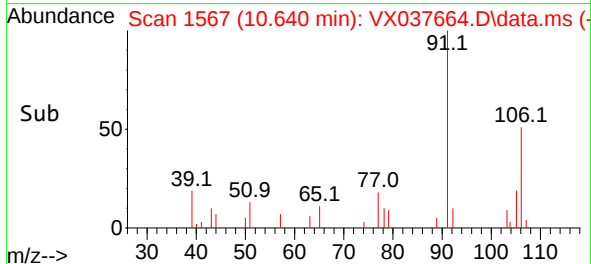
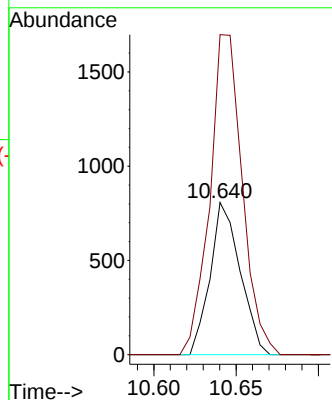
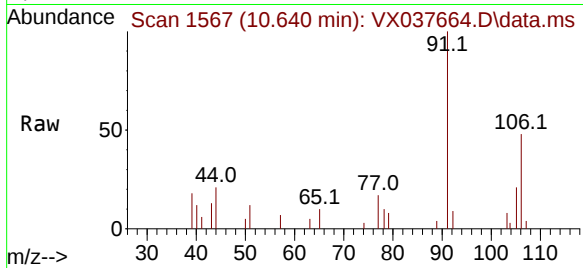




#69
o-Xylene
Concen: 0.301 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

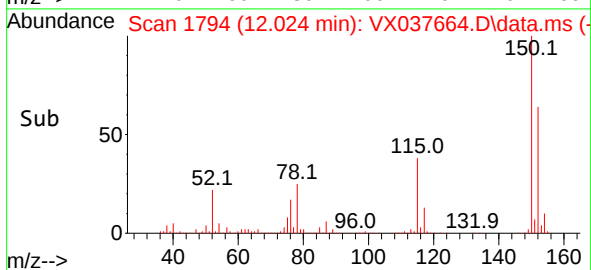
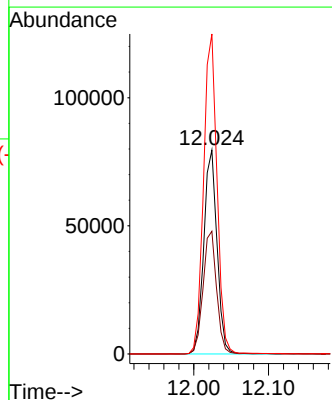
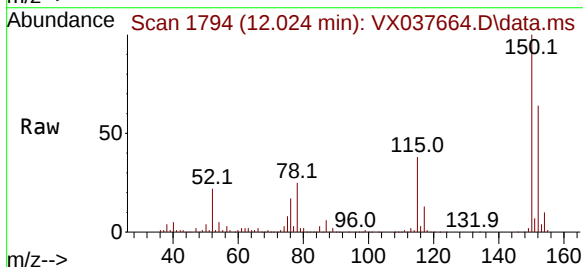
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP

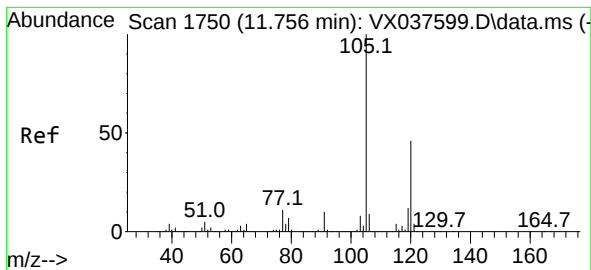
Tgt Ion:106 Resp: 1026
Ion Ratio Lower Upper
106 100
91 227.7 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037664.D
Acq: 12 Sep 2023 13:22

Tgt Ion:152 Resp: 97741
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 159.6 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.591 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037664.D

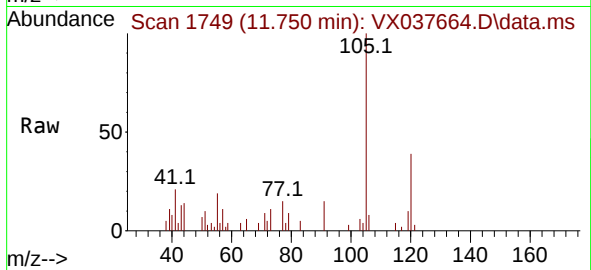
Acq: 12 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

713-G-DIP



Tgt Ion:105 Resp: 3687

Ion Ratio Lower Upper

105 100

120 40.6 21.2 63.6

