

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038366.D
 Acq On : 18 Oct 2023 16:35
 Operator : JC/MD
 Sample : 04936-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1027

Quant Time: Oct 19 01:42:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

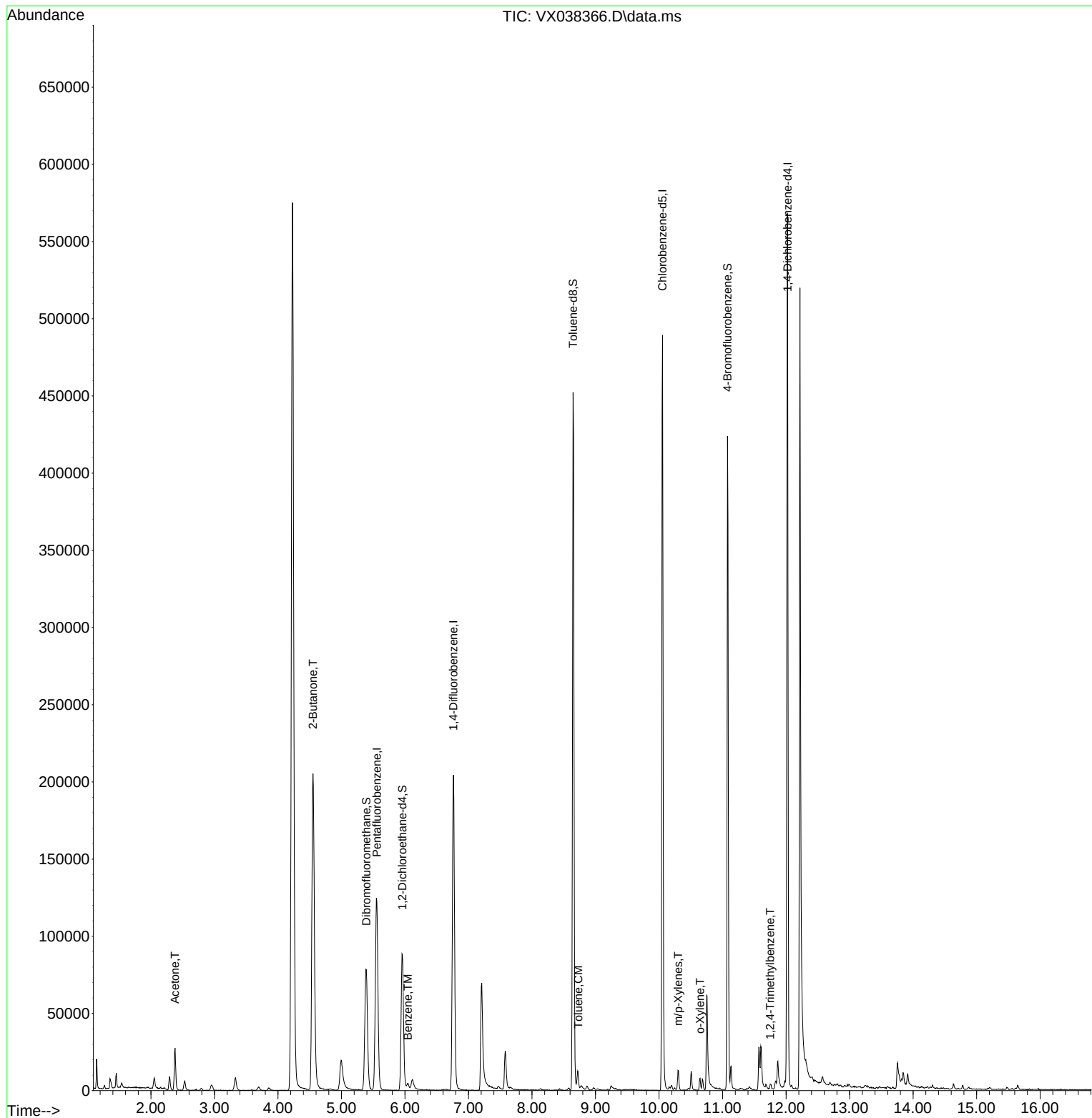
Internal Standards						
1) Pentafluorobenzene	5.556	168	118605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84293	44.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.380%
35) Dibromofluoromethane	5.391	113	68612	44.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.780%
50) Toluene-d8	8.647	98	268833	46.025	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	105297	47.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	28189	35.406	ug/l	93
25) 2-Butanone	4.550	43	351298	273.468	ug/l	91
40) Benzene	6.044	78	5069	0.860	ug/l	91
52) Toluene	8.726	92	3986	1.038	ug/l	99
68) m/p-Xylenes	10.299	106	2891	0.902	ug/l	95
69) o-Xylene	10.646	106	1771	0.566	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1925	0.280	ug/l	91

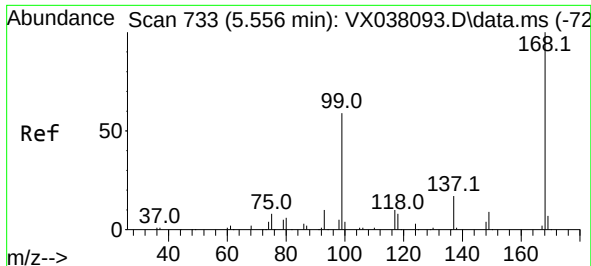
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 05 15:27:13 2023
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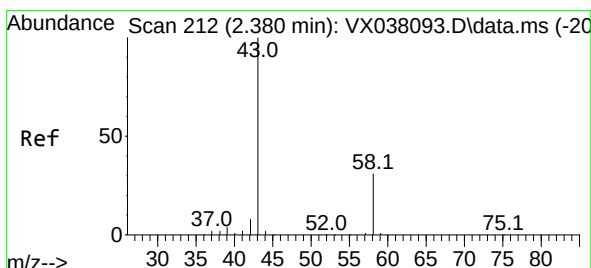
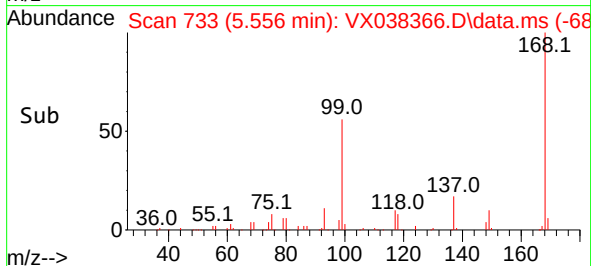
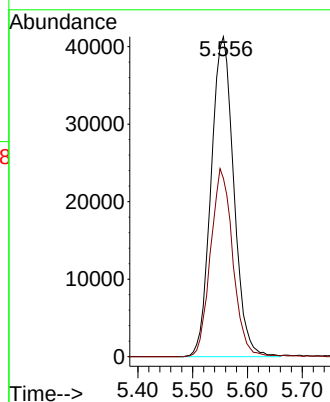
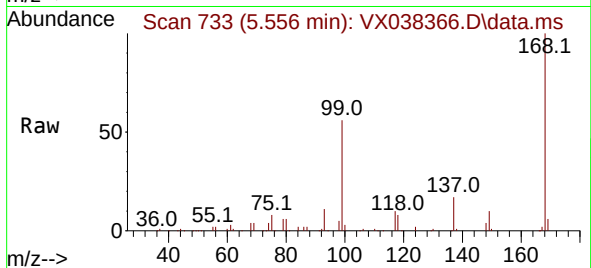




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

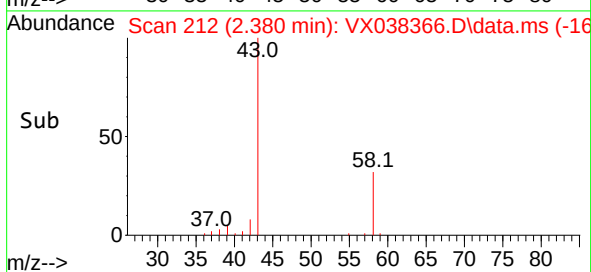
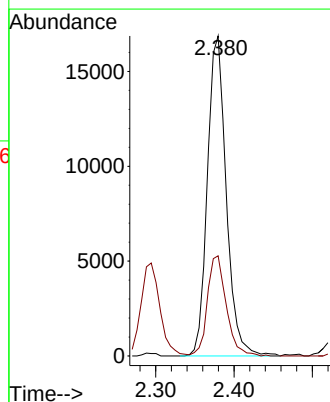
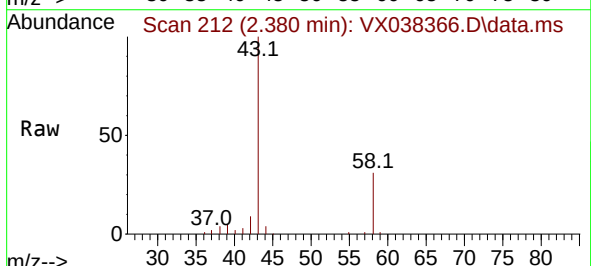
Instrument :
MSVOA_X
ClientSampleId :
1027

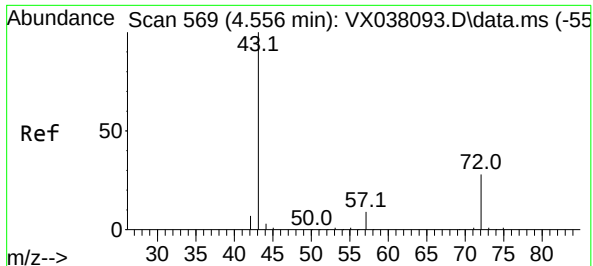
Tgt Ion:168 Resp: 118605
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 35.406 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion: 43 Resp: 28189
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9

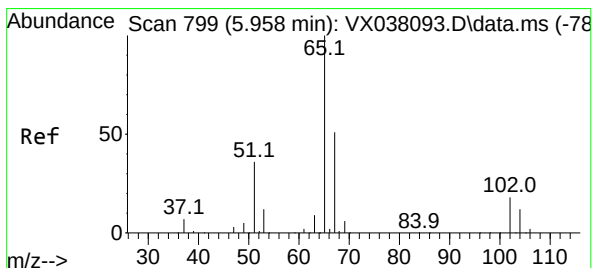
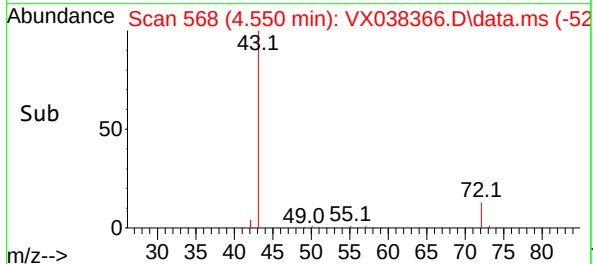
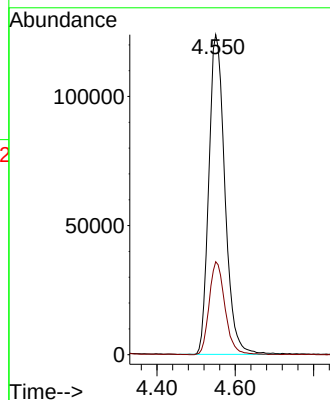
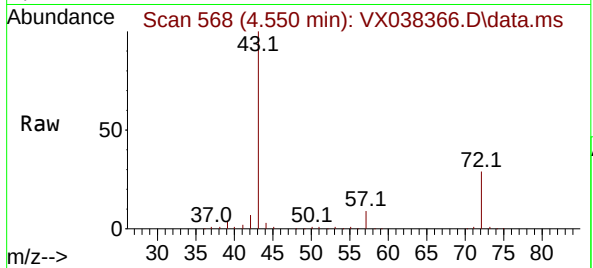




#25
2-Butanone
Concen: 273.468 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

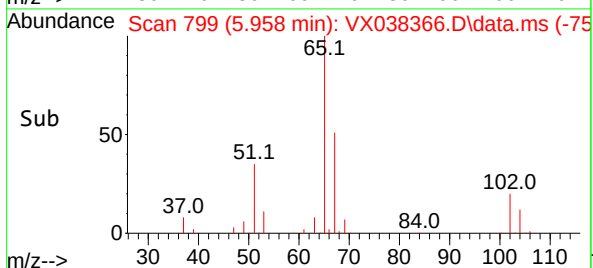
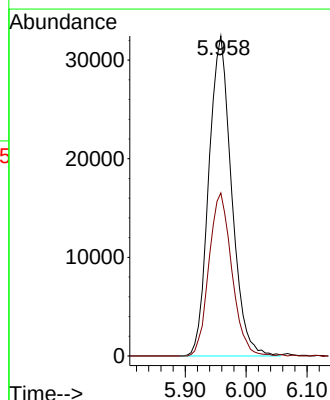
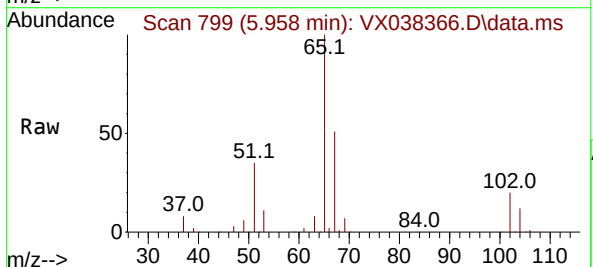
Instrument :
MSVOA_X
ClientSampleId :
1027

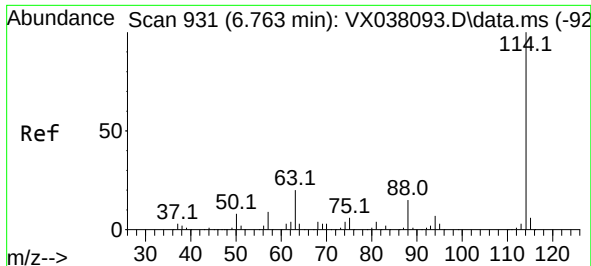
Tgt Ion: 43 Resp: 351298
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.186 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion: 65 Resp: 84293
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

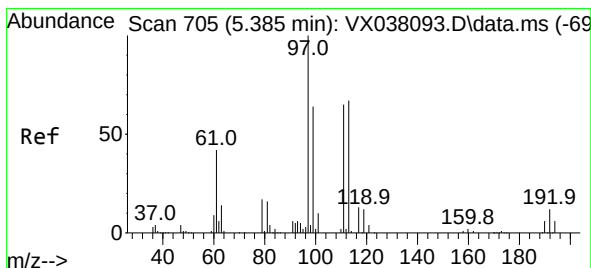
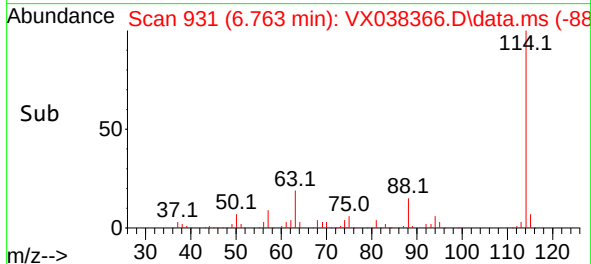
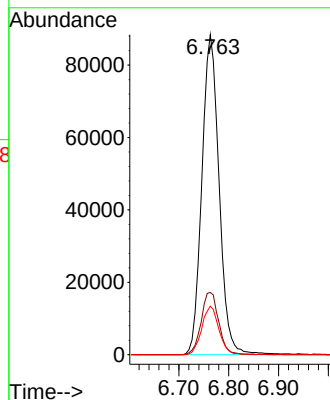
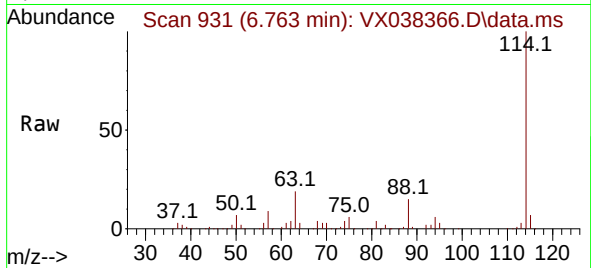




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

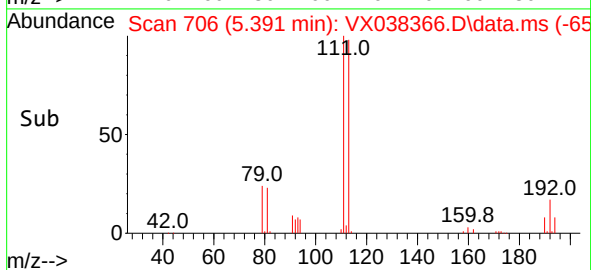
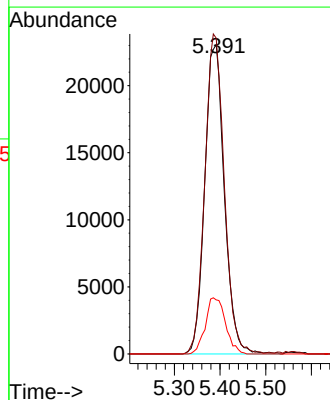
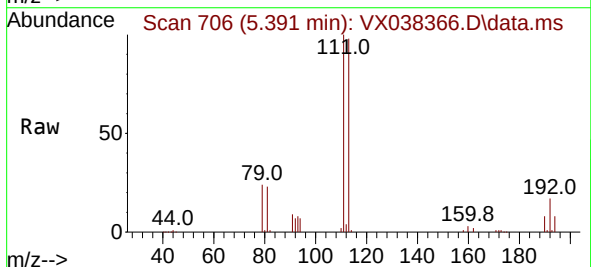
Instrument :
MSVOA_X
ClientSampleId :
1027

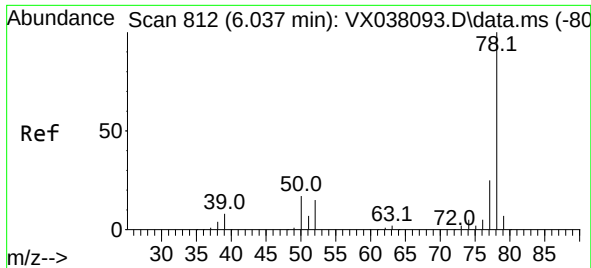
Tgt Ion:114 Resp: 212133
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.887 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion:113 Resp: 68612
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.6 13.3 19.9





#40

Benzene

Concen: 0.860 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX038366.D

Acq: 18 Oct 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

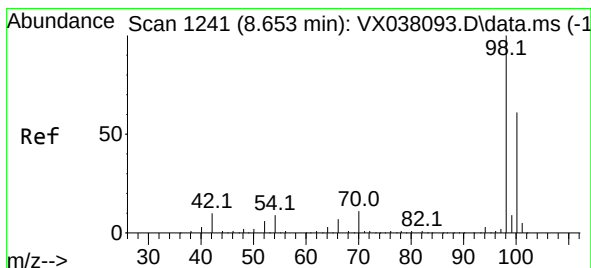
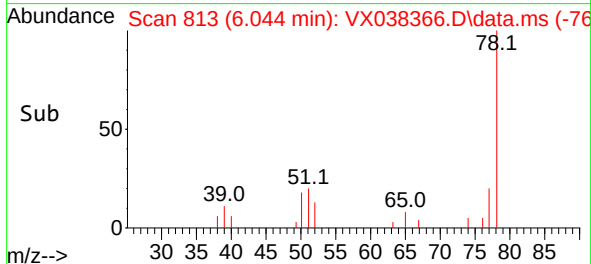
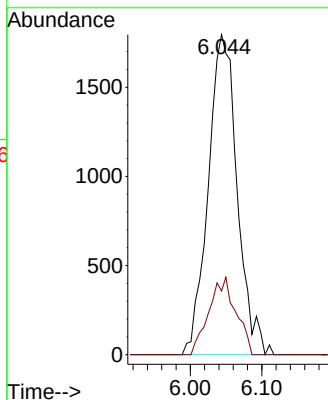
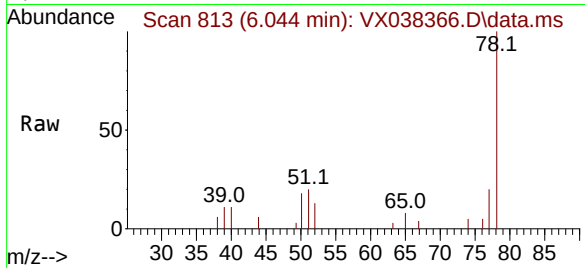
1027

Tgt Ion: 78 Resp: 5069

Ion Ratio Lower Upper

78 100

77 19.9 19.3 28.9



#50

Toluene-d8

Concen: 46.025 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038366.D

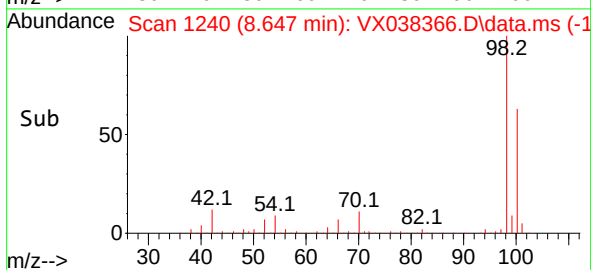
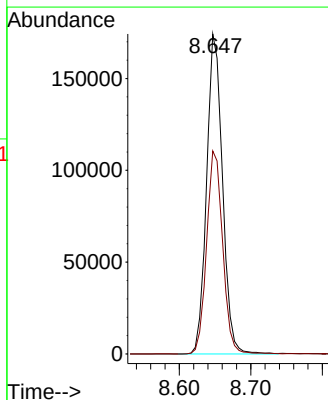
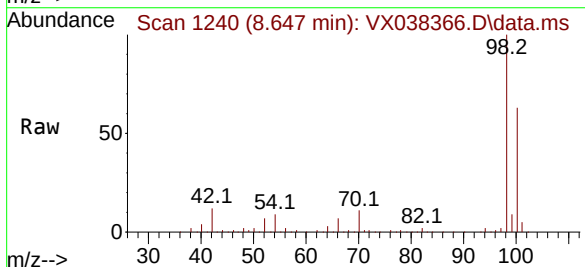
Acq: 18 Oct 2023 16:35

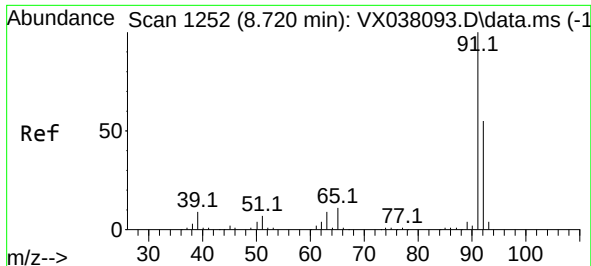
Tgt Ion: 98 Resp: 268833

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

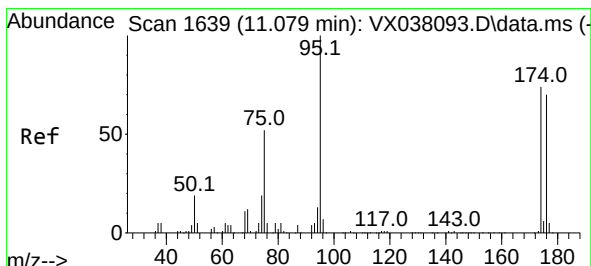
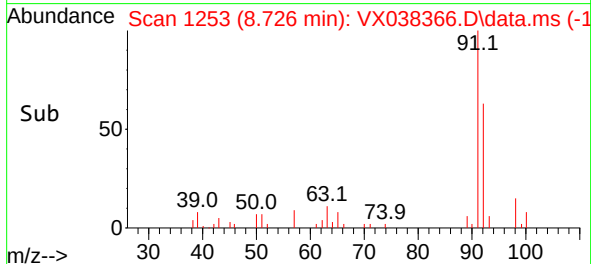
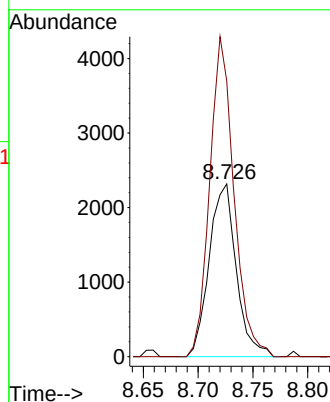
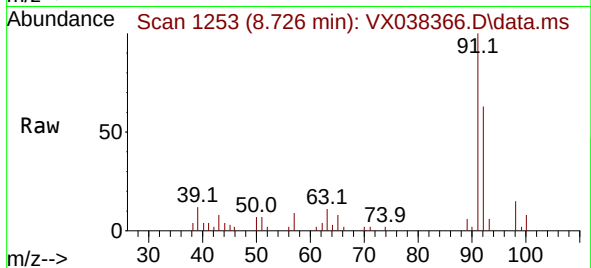




#52
Toluene
Concen: 1.038 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

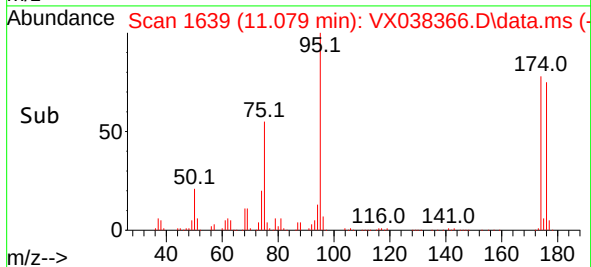
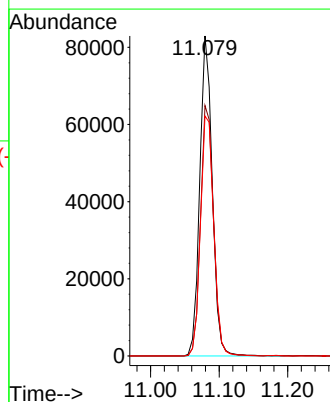
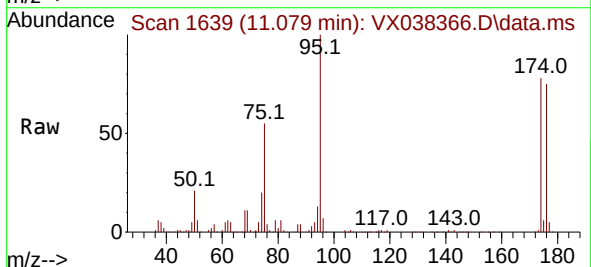
Instrument :
MSVOA_X
ClientSampleId :
1027

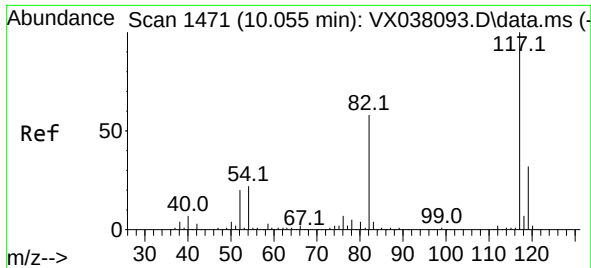
Tgt Ion: 92 Resp: 3986
Ion Ratio Lower Upper
92 100
91 165.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion: 95 Resp: 105297
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 79.8 0.0 131.0

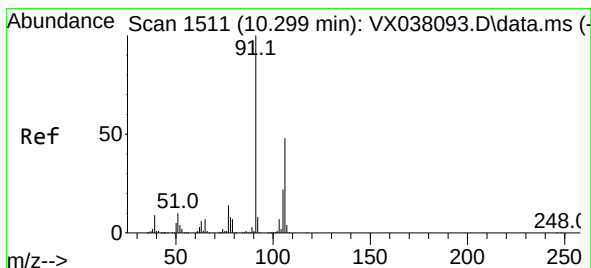
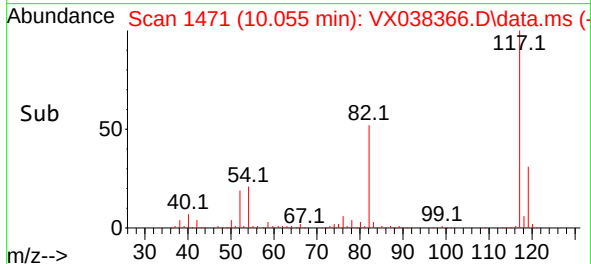
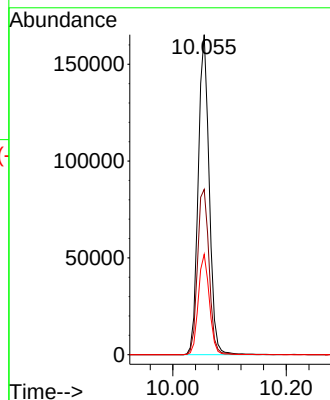
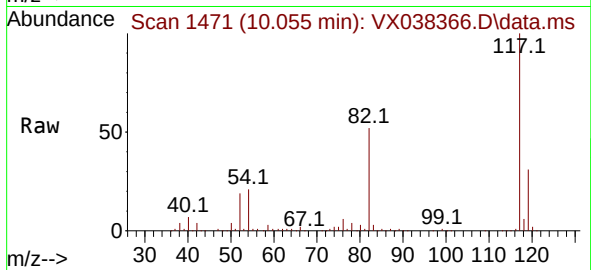




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

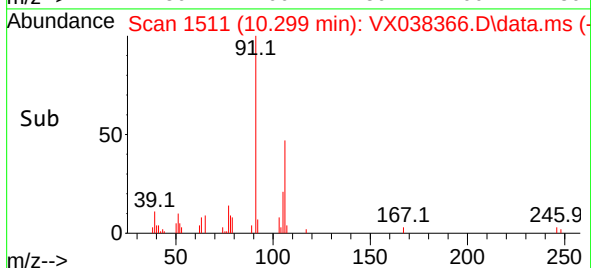
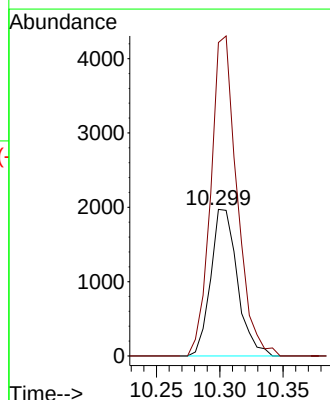
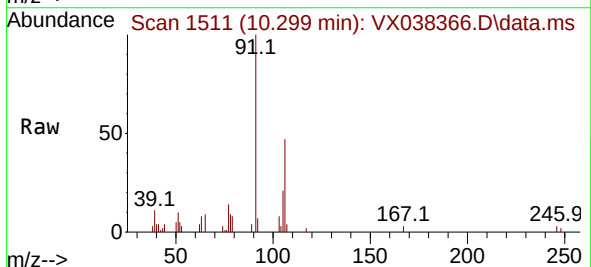
Instrument :
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ClientSampleId :
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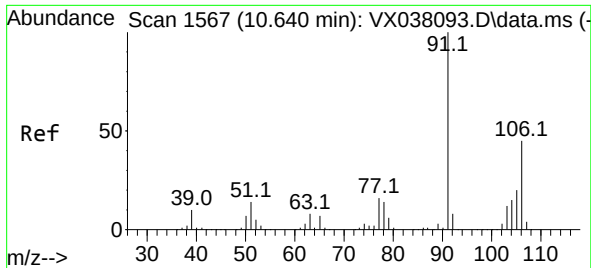
Tgt Ion:117 Resp: 221838
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.902 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion:106 Resp: 2891
Ion Ratio Lower Upper
106 100
91 214.7 165.5 248.3

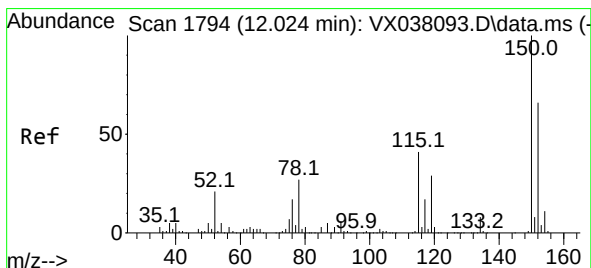
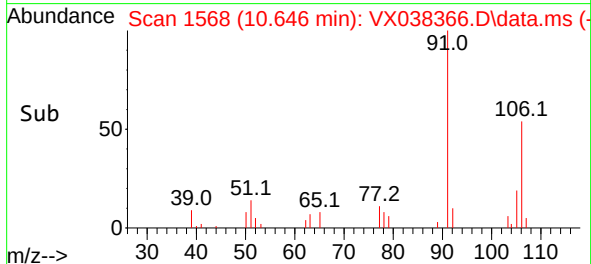
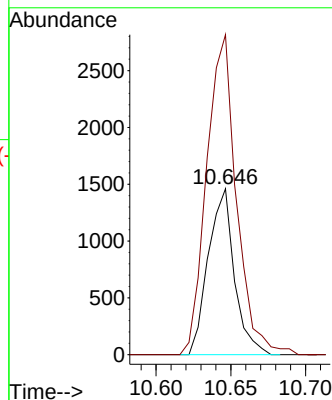
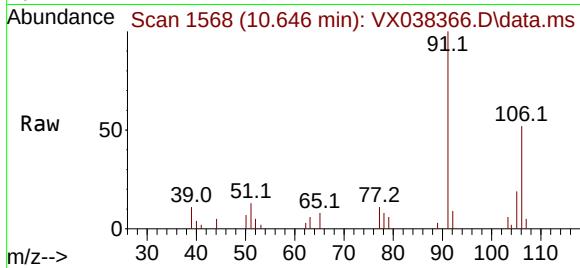




#69
o-Xylene
Concen: 0.566 ug/l
RT: 10.646 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

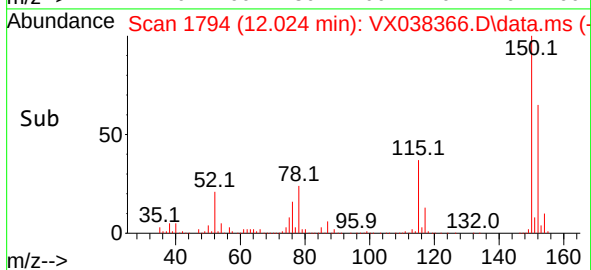
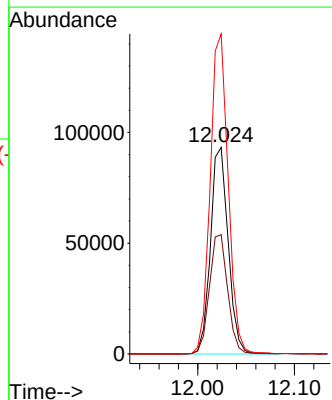
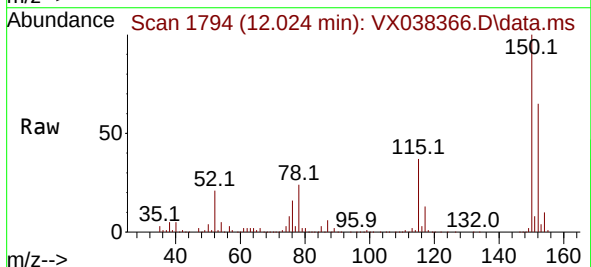
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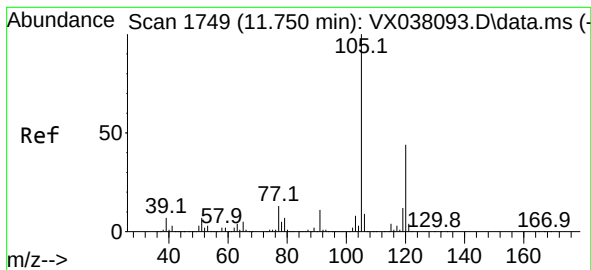
Tgt Ion:106 Resp: 1771
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038366.D
Acq: 18 Oct 2023 16:35

Tgt Ion:152 Resp: 118970
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.1 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.280 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038366.D

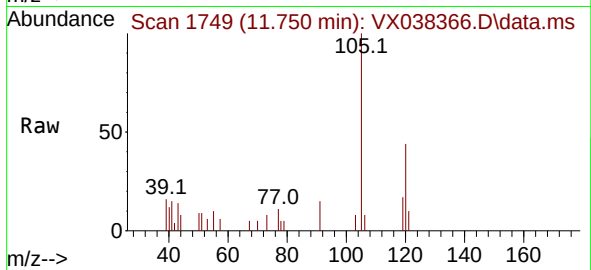
Acq: 18 Oct 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

1027



Tgt Ion:105 Resp: 1925

Ion Ratio Lower Upper

105 100

120 36.9 21.2 63.6

