

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034750.D
 Acq On : 27 Mar 2023 15:26
 Operator : JC/MD
 Sample : 02100-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB08RE

Quant Time: Mar 28 03:20:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

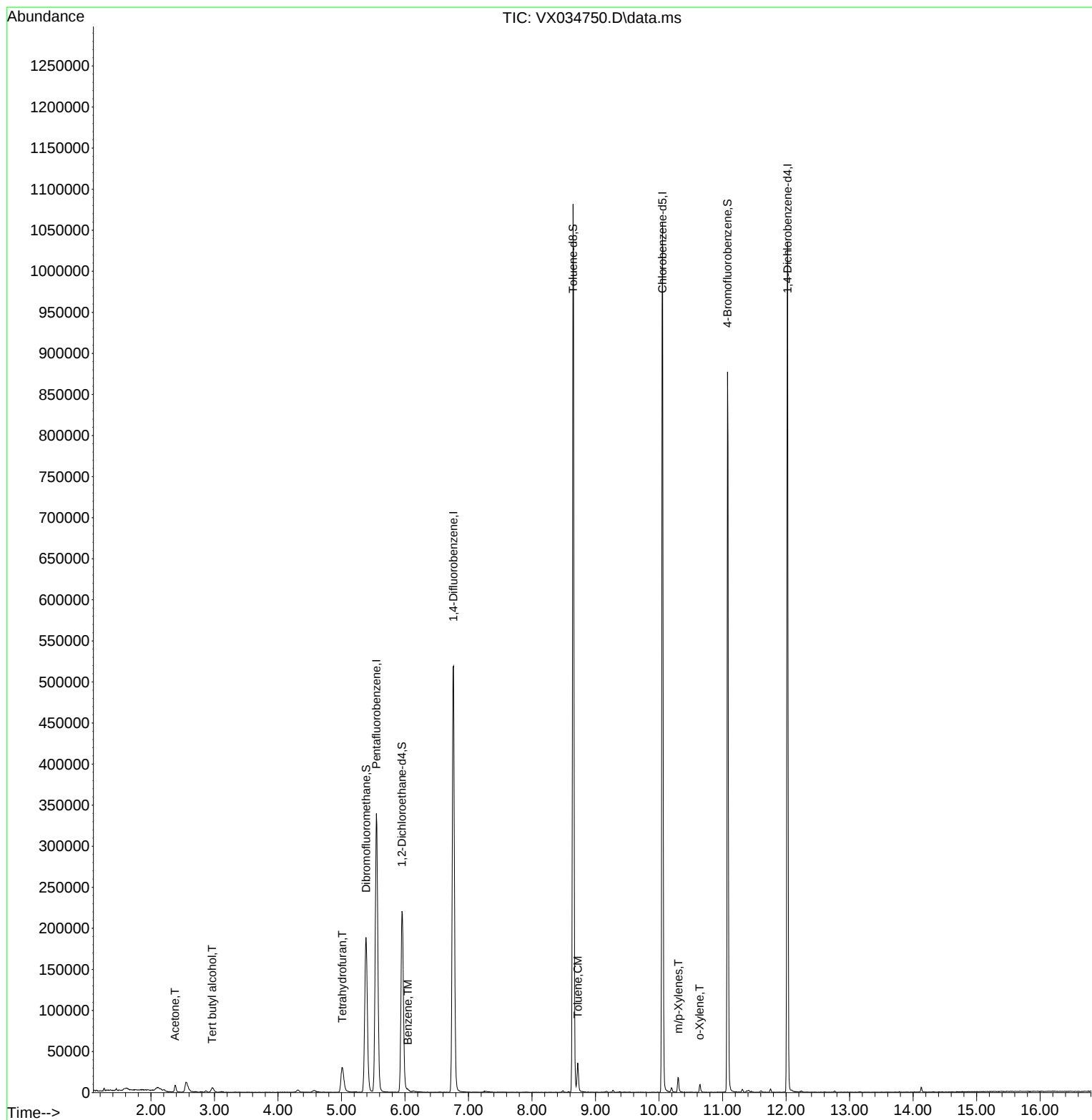
Internal Standards						
1) Pentafluorobenzene	5.550	168	306196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	518838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223164	50.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.200%	
35) Dibromofluoromethane	5.385	113	164473	48.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.020%	
50) Toluene-d8	8.647	98	620353	48.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	11.079	95	237331	45.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.900%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	8158	8.795	ug/l	98
16) Acetone	2.380	43	9685	4.616	ug/l	99
29) Tetrahydrofuran	5.013	42	30796	16.623	ug/l	100
40) Benzene	6.043	78	3231	0.210	ug/l	92
52) Toluene	8.720	92	12458	1.307	ug/l	99
68) m/p-Xylenes	10.305	106	4352	0.618	ug/l	97
69) o-Xylene	10.640	106	2344	0.332	ug/l	95

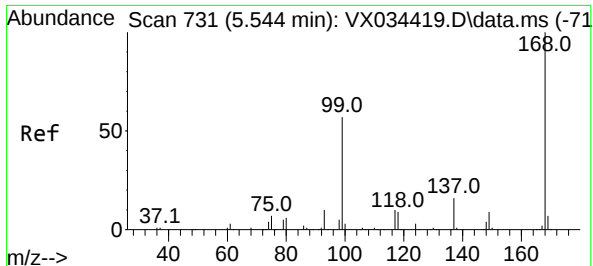
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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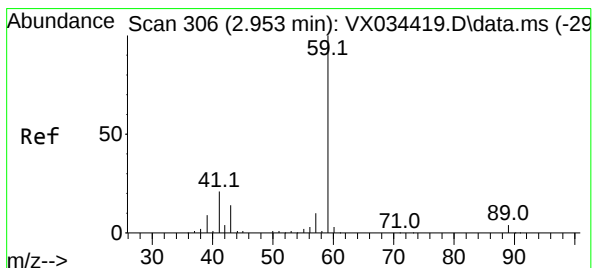
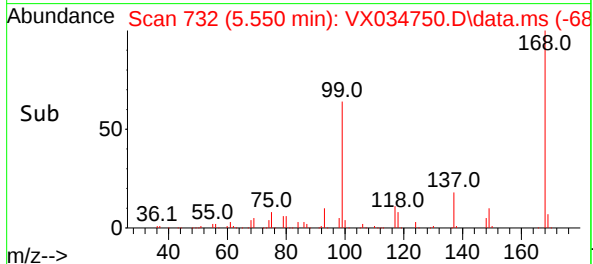
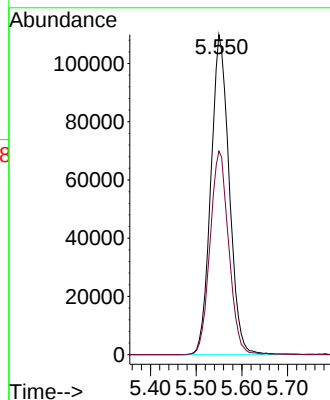
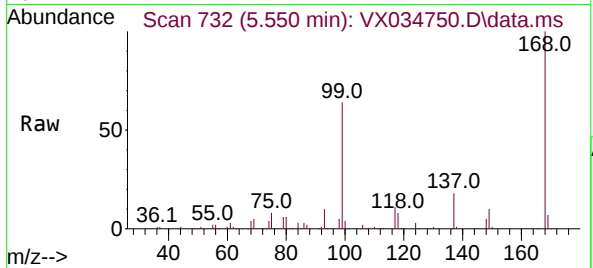




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

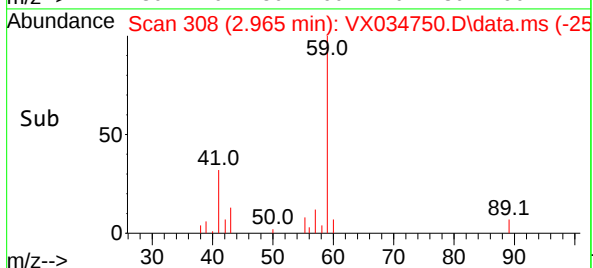
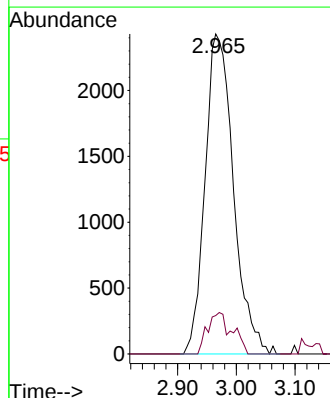
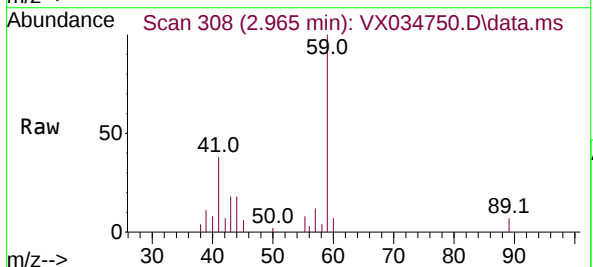
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

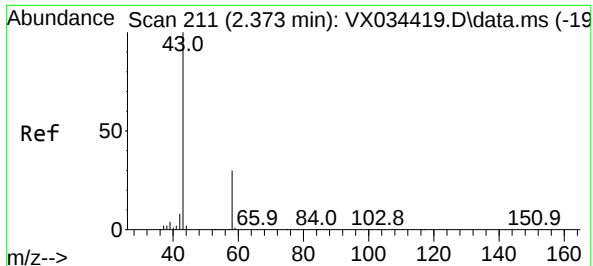
Tgt Ion:168 Resp: 306196
Ion Ratio Lower Upper
168 100
99 63.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 8.795 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.012 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 59 Resp: 8158
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1

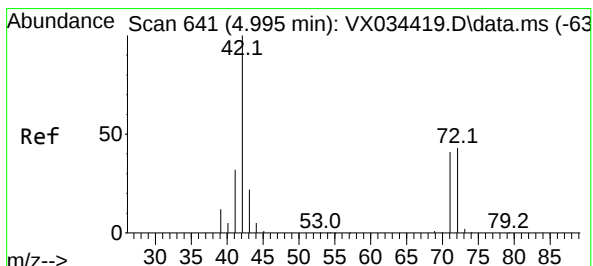
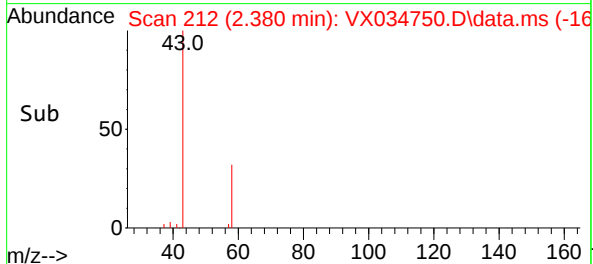
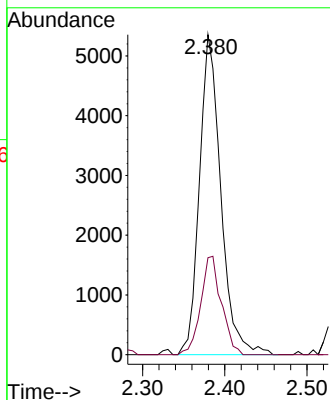
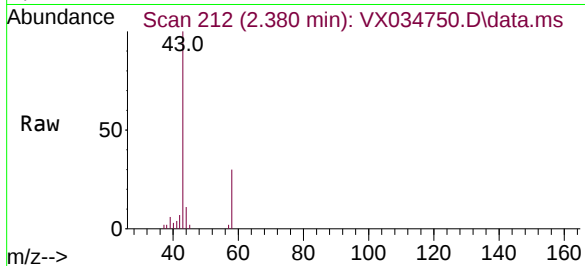




#16
Acetone
Concen: 4.616 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

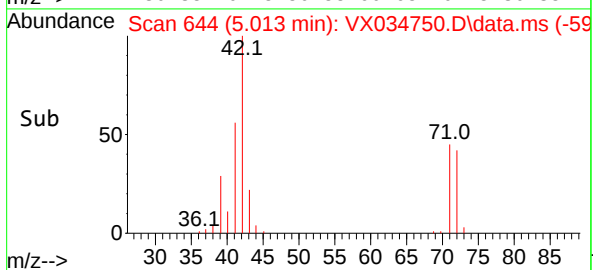
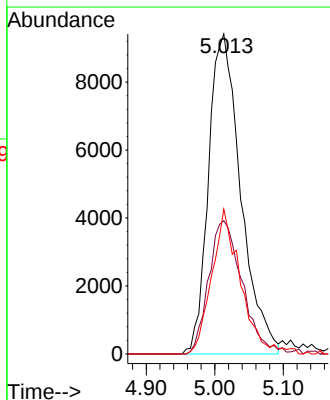
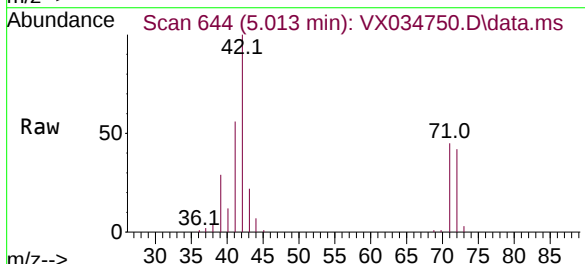
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

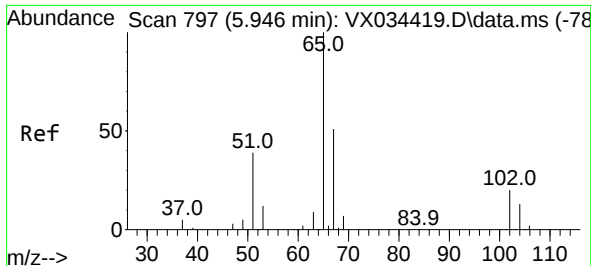
Tgt Ion: 43 Resp: 9685
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1



#29
Tetrahydrofuran
Concen: 16.623 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 42 Resp: 30796
Ion Ratio Lower Upper
42 100
72 43.2 34.5 51.7
71 40.6 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 50.098 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034750.D

Acq: 27 Mar 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

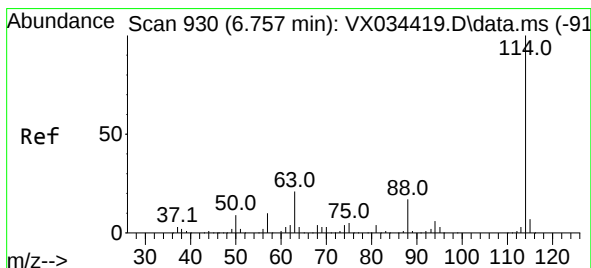
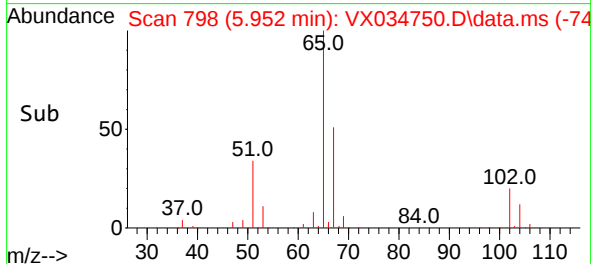
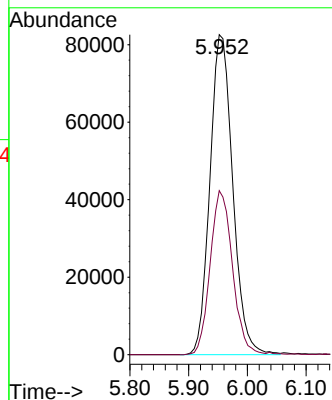
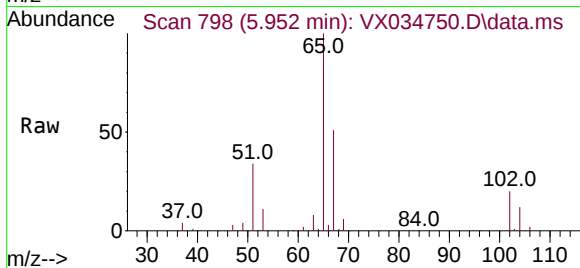
TB08RE

Tgt Ion: 65 Resp: 223164

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034750.D

Acq: 27 Mar 2023 15:26

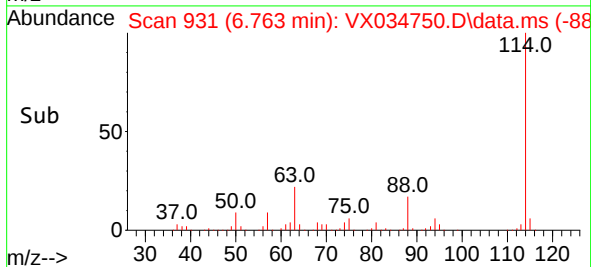
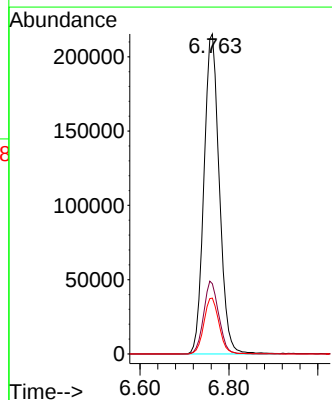
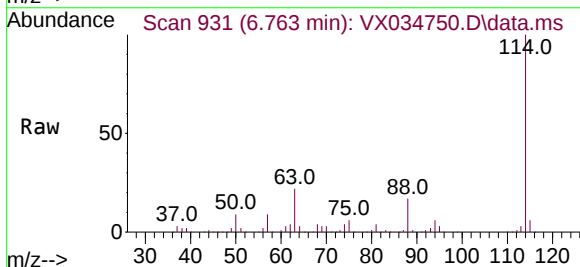
Tgt Ion: 114 Resp: 518838

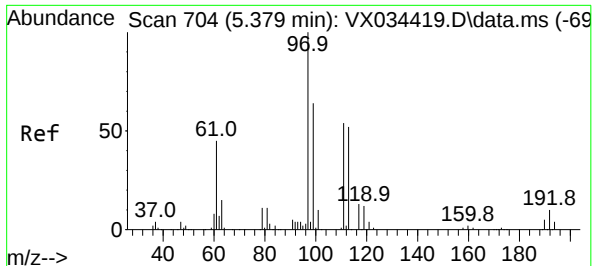
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.013 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034750.D

Acq: 27 Mar 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

TB08RE

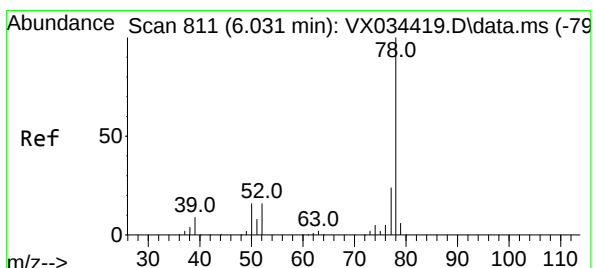
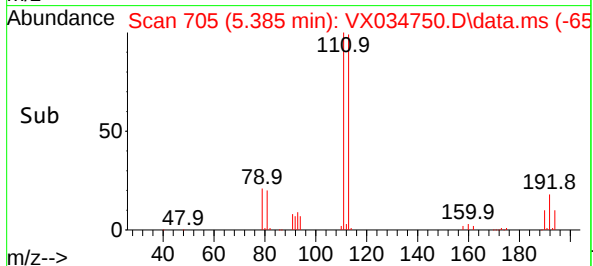
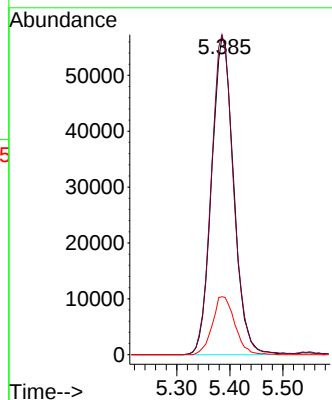
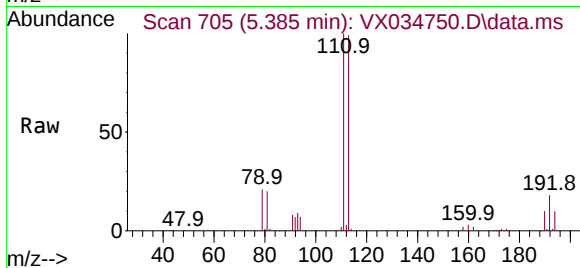
Tgt Ion:113 Resp: 164473

Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 18.5 15.4 23.2



#40

Benzene

Concen: 0.210 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX034750.D

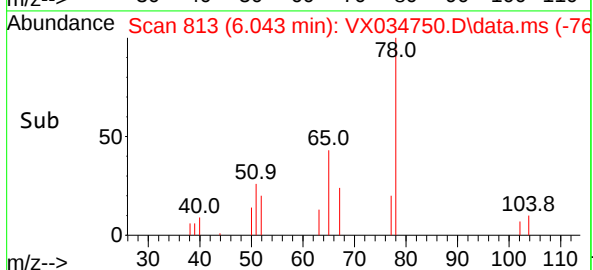
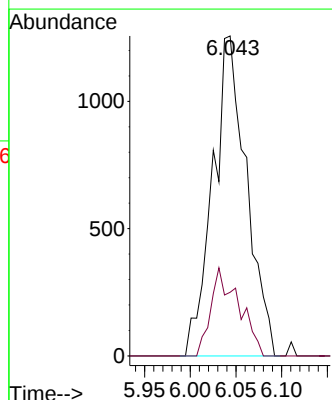
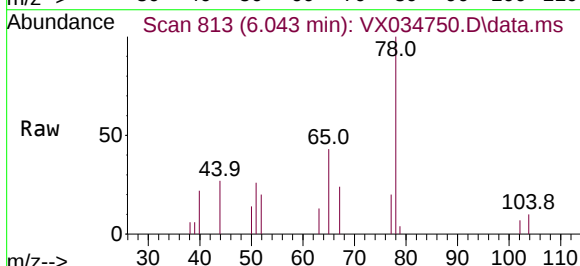
Acq: 27 Mar 2023 15:26

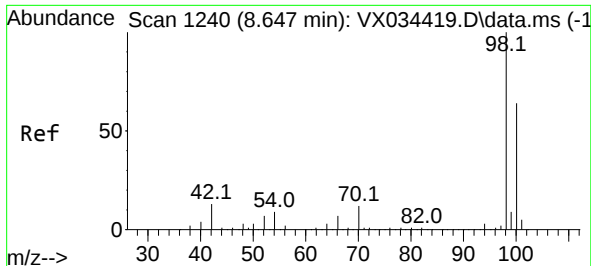
Tgt Ion: 78 Resp: 3231

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.4

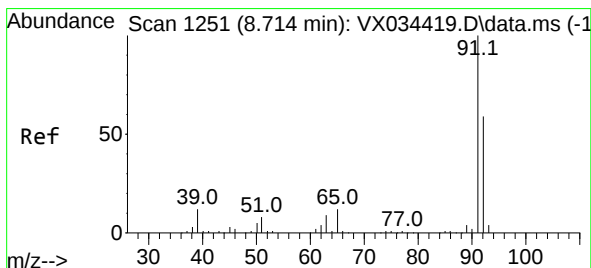
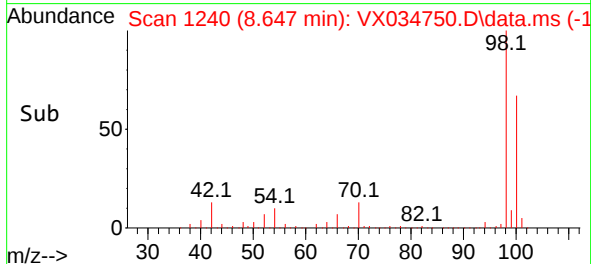
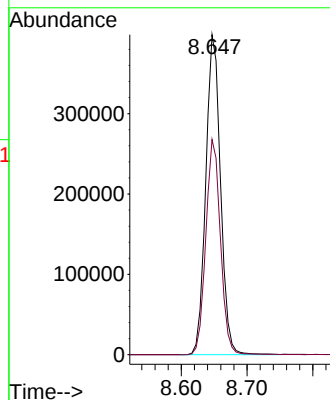
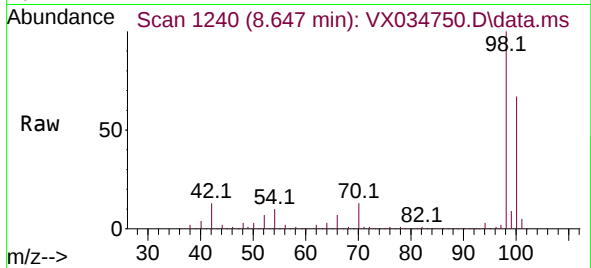




#50
Toluene-d8
Concen: 48.510 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

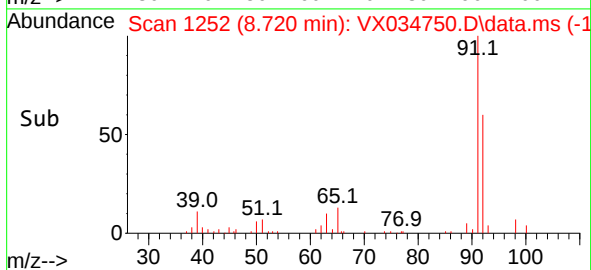
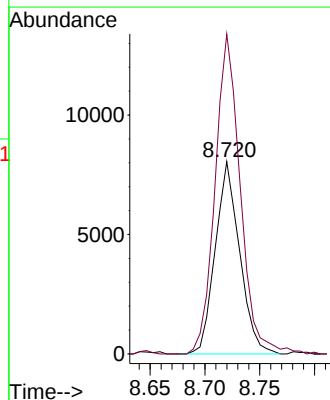
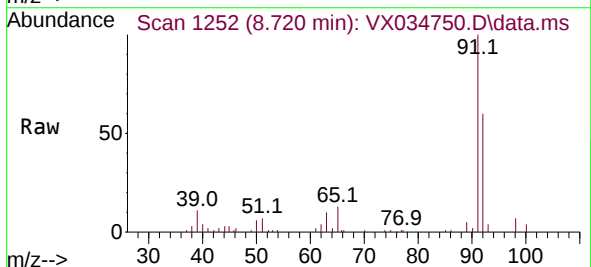
Instrument :
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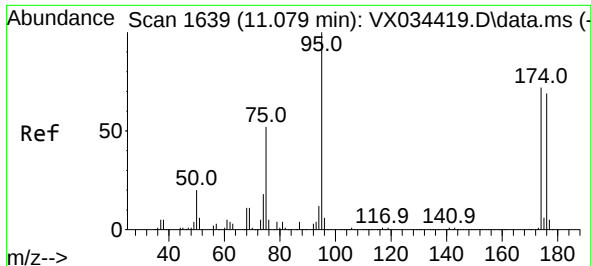
Tgt Ion: 98 Resp: 620353
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#52
Toluene
Concen: 1.307 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 92 Resp: 12458
Ion Ratio Lower Upper
92 100
91 172.4 136.8 205.2

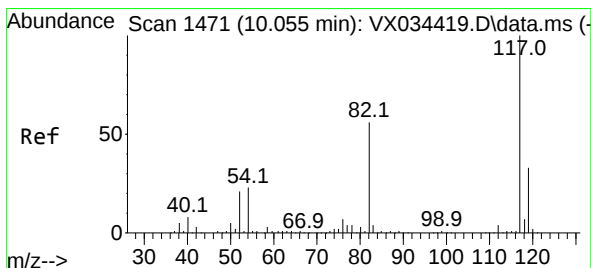
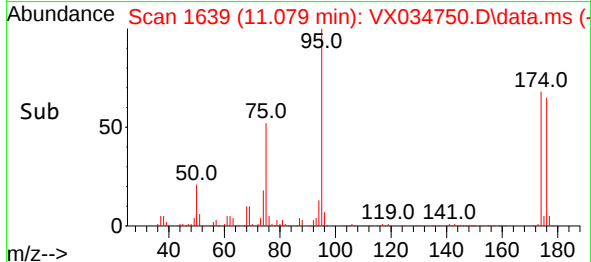
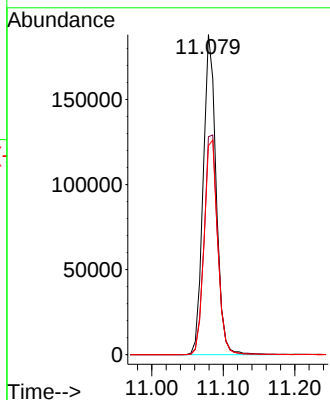
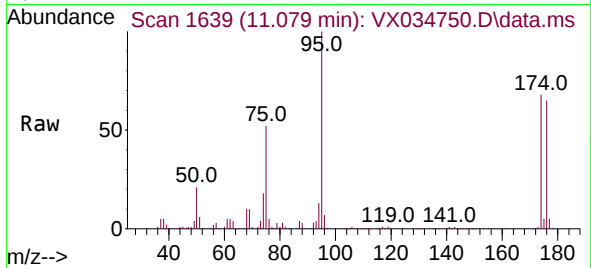




#62
4-Bromofluorobenzene
Concen: 45.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

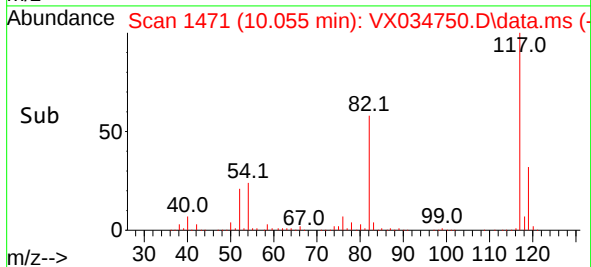
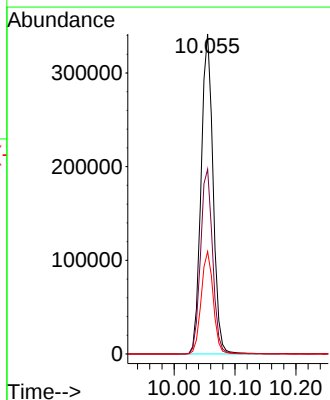
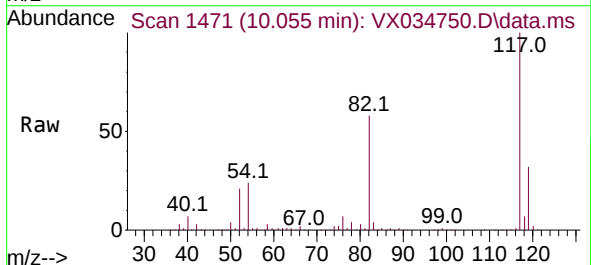
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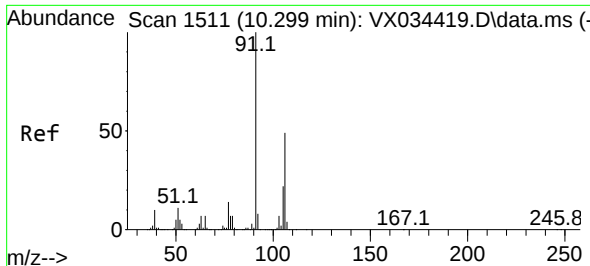
Tgt Ion: 95 Resp: 237331
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 117 Resp: 466706
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.0 26.0 39.0

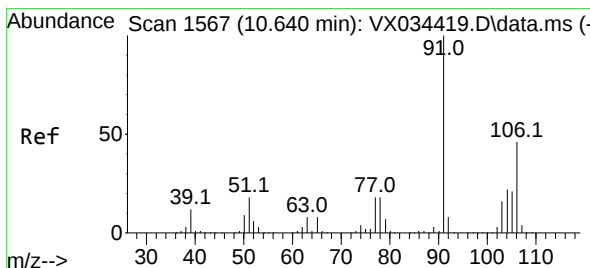
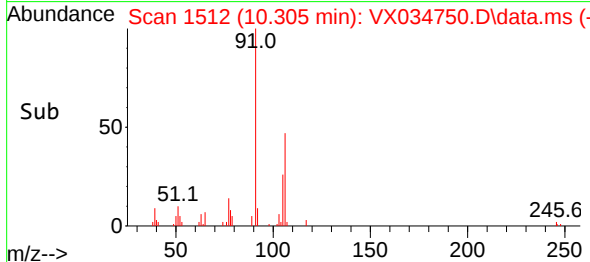
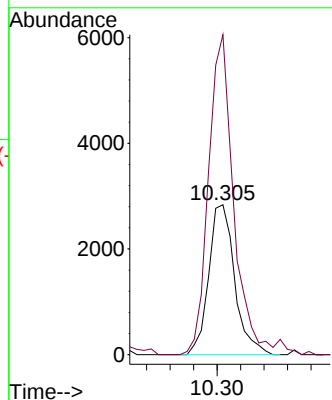
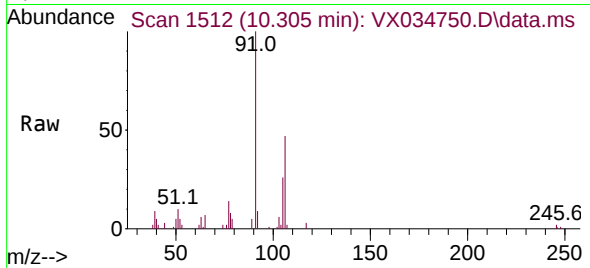




#68
m/p-Xylenes
Concen: 0.618 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

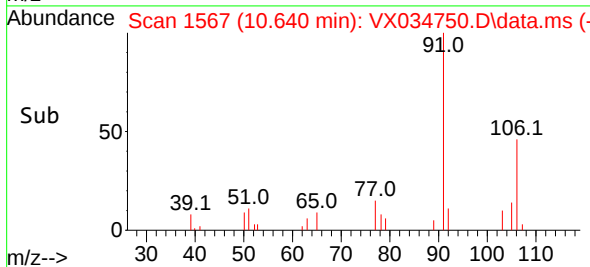
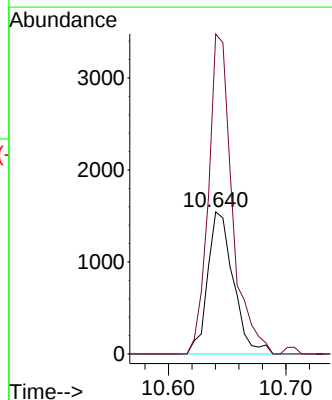
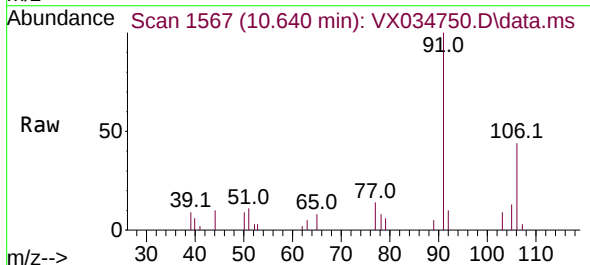
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

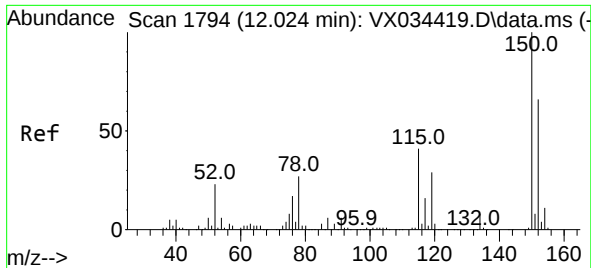
Tgt Ion:106 Resp: 4352
Ion Ratio Lower Upper
106 100
91 209.5 164.0 246.0



#69
o-Xylene
Concen: 0.332 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion:106 Resp: 2344
Ion Ratio Lower Upper
106 100
91 208.3 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034750.D

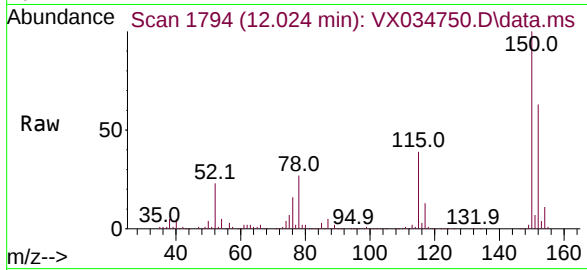
Acq: 27 Mar 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

TB08RE



Tgt Ion:152 Resp: 210359

Ion Ratio Lower Upper

152 100

115 62.5 45.0 135.0

150 155.8 0.0 352.4

