

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038674.D
 Acq On : 09 Nov 2023 12:46
 Operator : JC/MD
 Sample : 05287-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50188

Quant Time: Nov 10 03:37:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

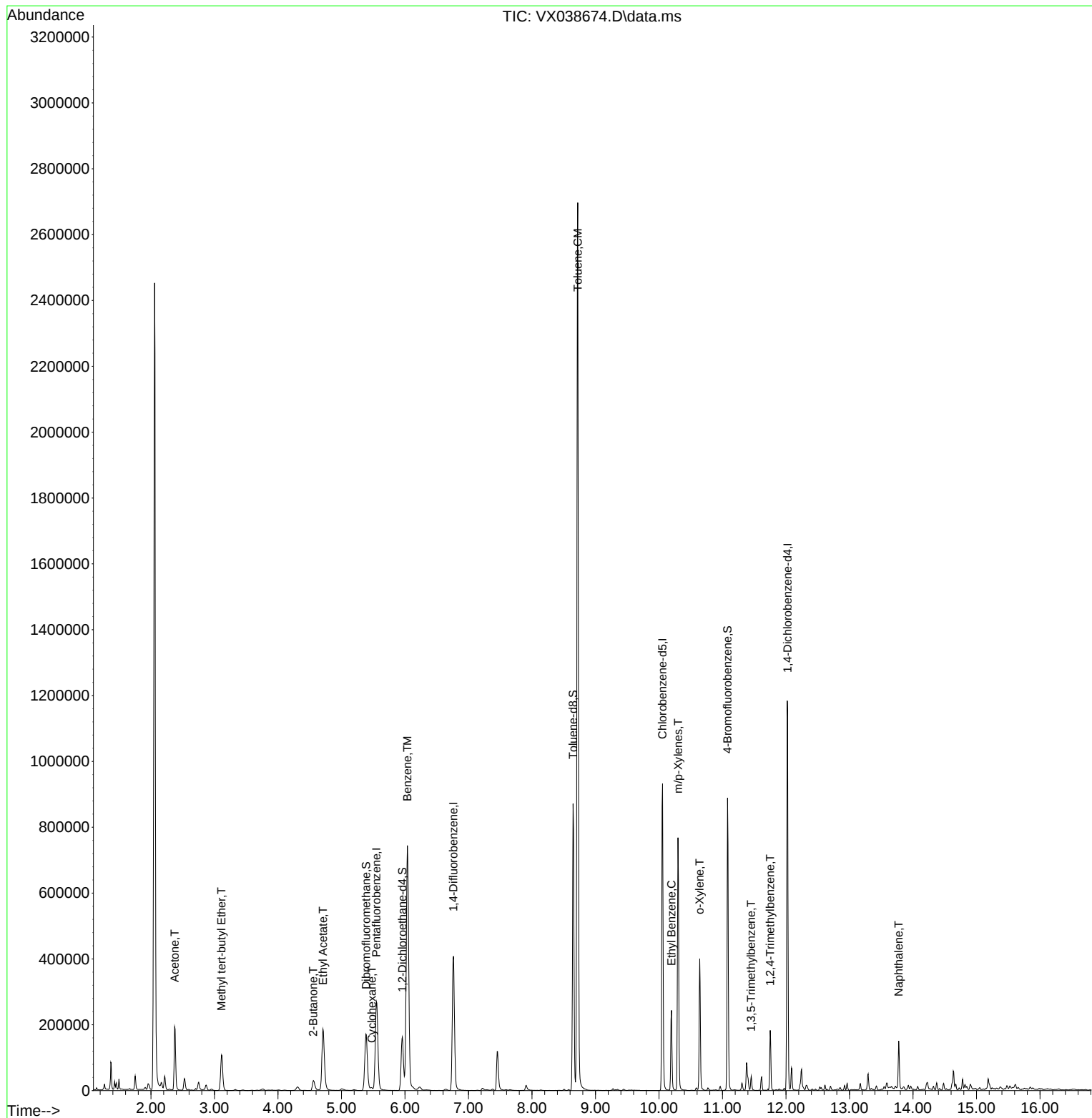
Internal Standards						
1) Pentafluorobenzene	5.550	168	283339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160842	45.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.385	113	151478	45.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.000%
50) Toluene-d8	8.647	98	549779	46.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	11.079	95	234609	50.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	198450	133.583	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	122640	14.503	ug/l	97
25) 2-Butanone	4.556	43	52545	24.416	ug/l	# 89
31) Cyclohexane	5.477	56	4907	1.257	ug/l	# 74
37) Ethyl Acetate	4.709	43	306785	72.664	ug/l	# 92
40) Benzene	6.038	78	950080	79.768	ug/l	100
52) Toluene	8.720	92	1080333	138.462	ug/l	98
67) Ethyl Benzene	10.195	91	146393	9.072	ug/l	95
68) m/p-Xylenes	10.299	106	186870	29.177	ug/l	98
69) o-Xylene	10.640	106	89429	14.358	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	18342	1.277	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	81714	5.737	ug/l	93
95) Naphthalene	13.774	128	96384	5.224	ug/l	100

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

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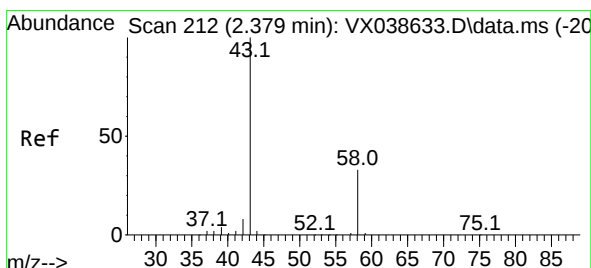
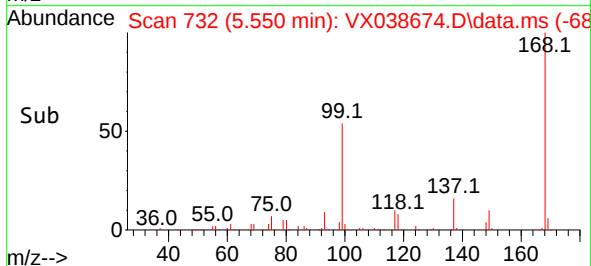
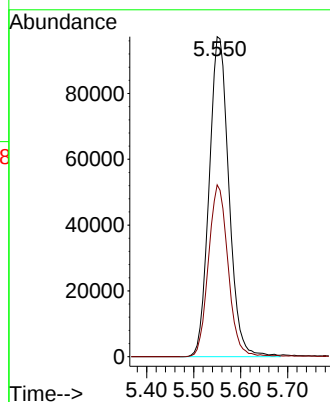
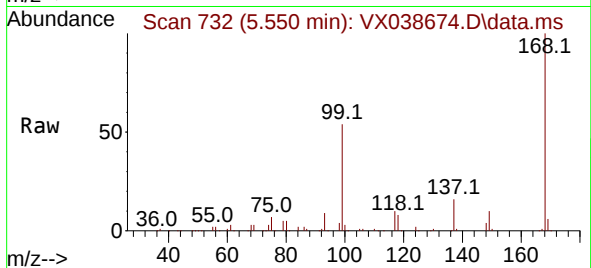




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

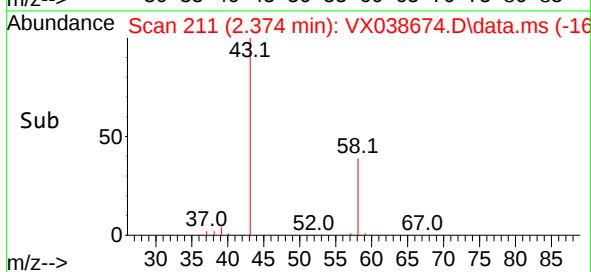
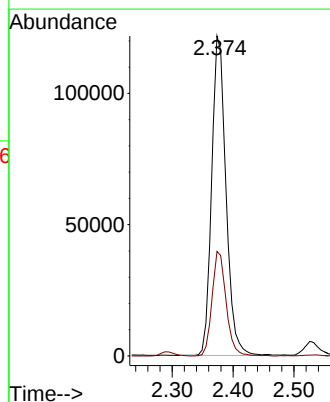
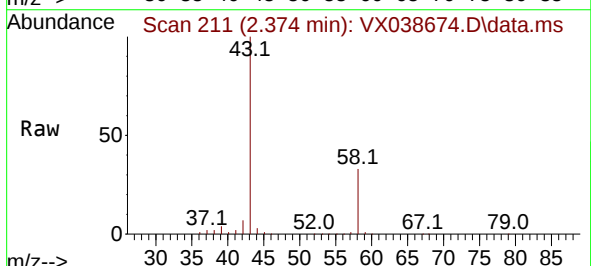
Instrument :
MSVOA_X
ClientSampleId :
50188

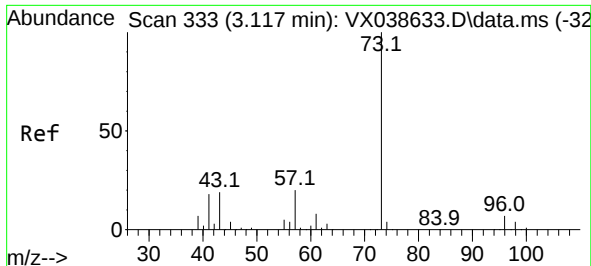
Tgt Ion:168 Resp: 283339
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#16
Acetone
Concen: 133.583 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 43 Resp: 198450
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9

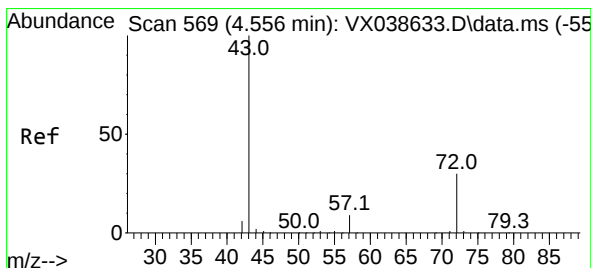
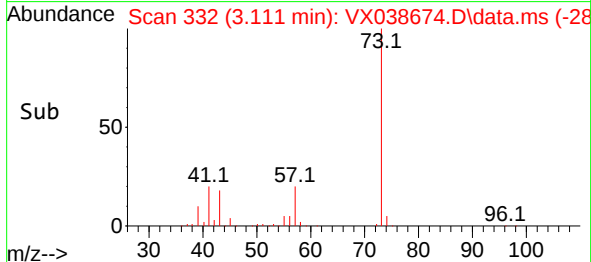
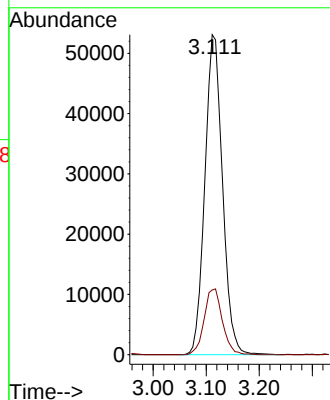
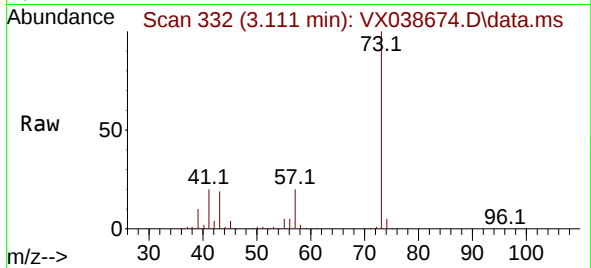




#19
Methyl tert-butyl Ether
Concen: 14.503 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

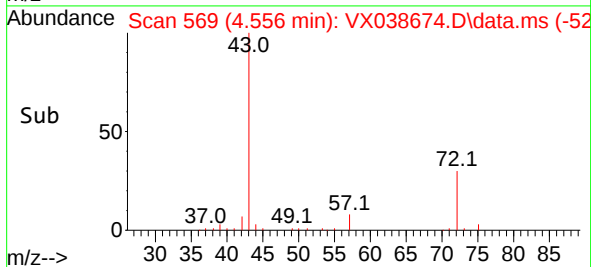
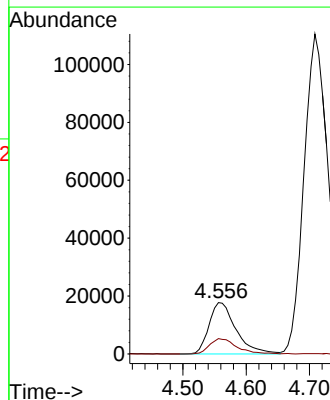
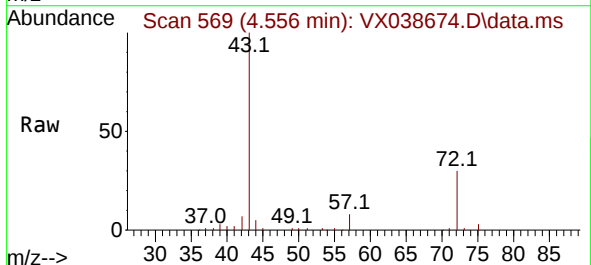
Instrument :
MSVOA_X
ClientSampleId :
50188

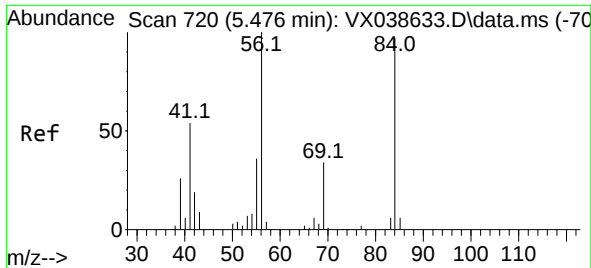
Tgt Ion: 73 Resp: 122640
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#25
2-Butanone
Concen: 24.416 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 43 Resp: 52545
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2#

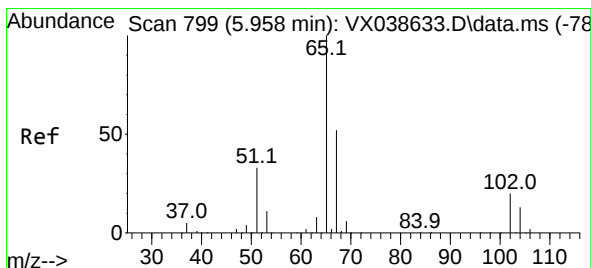
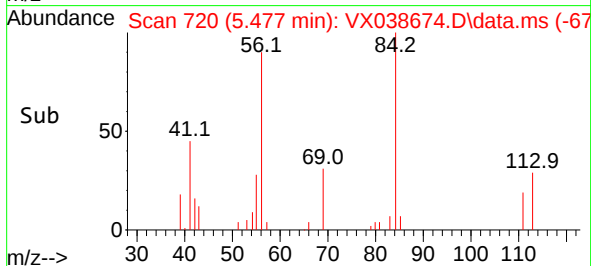
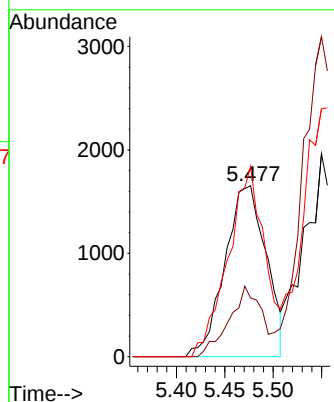
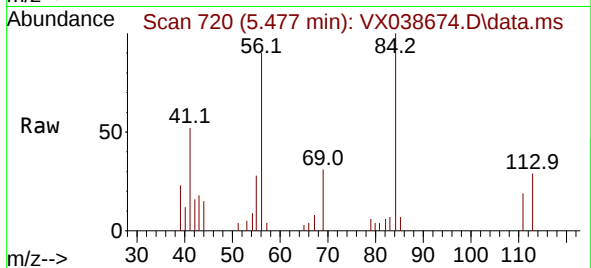




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

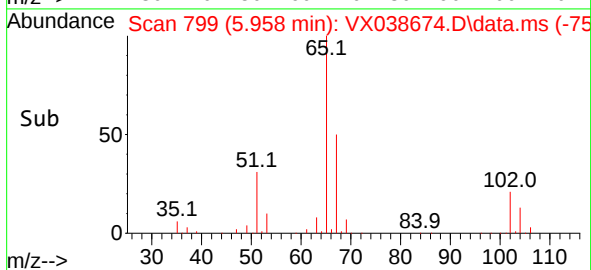
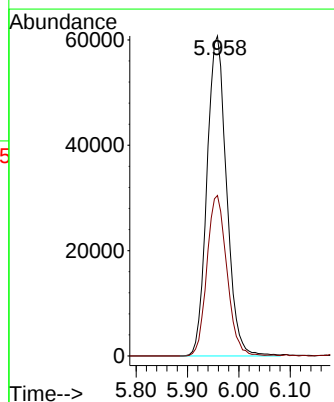
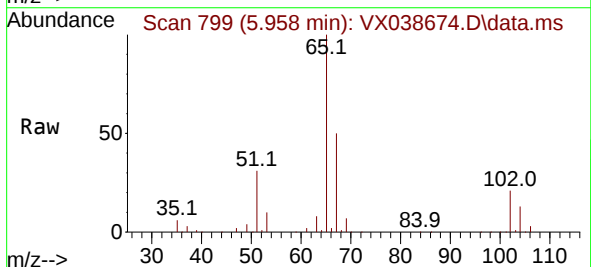
Instrument :
MSVOA_X
ClientSampleId :
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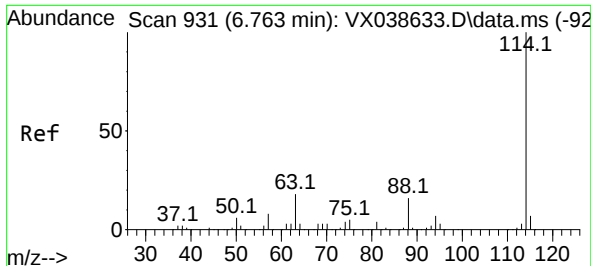
Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 111.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 65 Resp: 160842
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

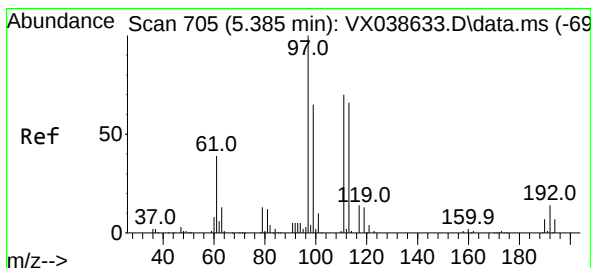
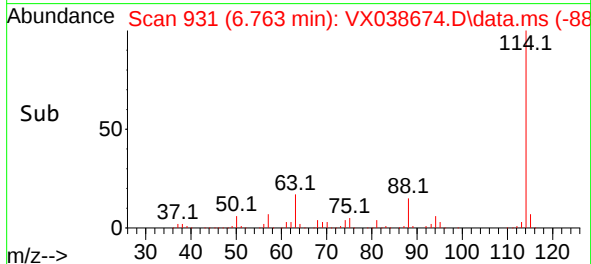
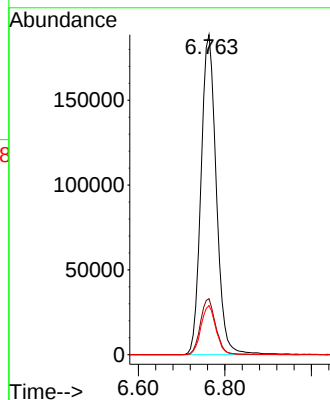
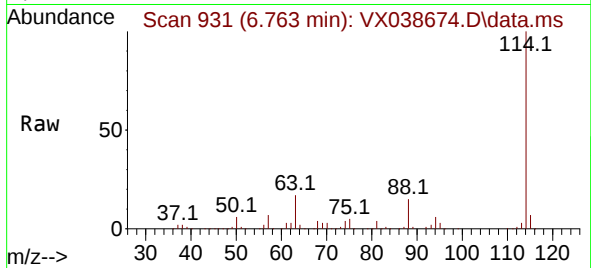




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

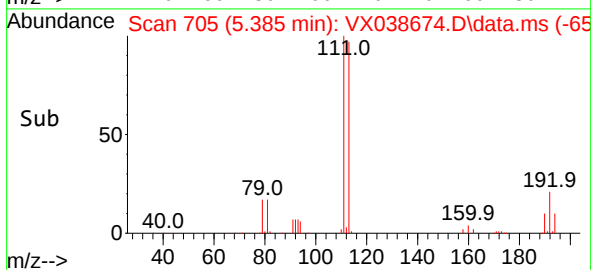
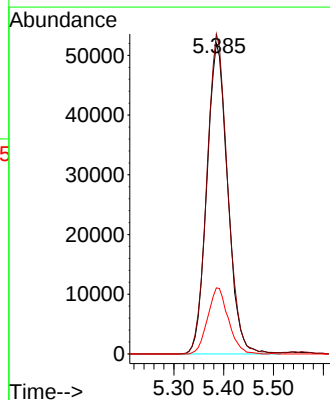
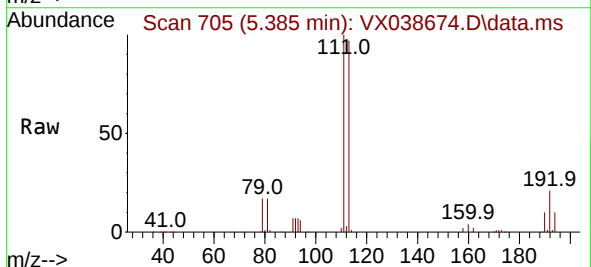
Instrument :
MSVOA_X
ClientSampleId :
50188

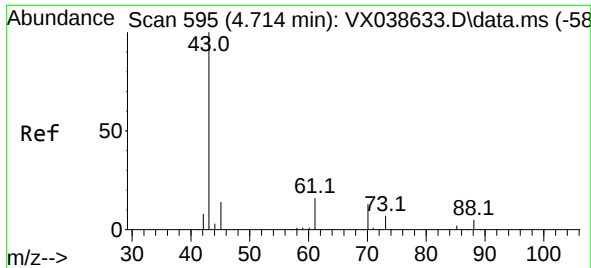
Tgt Ion:114 Resp: 462207
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.503 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion:113 Resp: 151478
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.0 13.3 19.9#

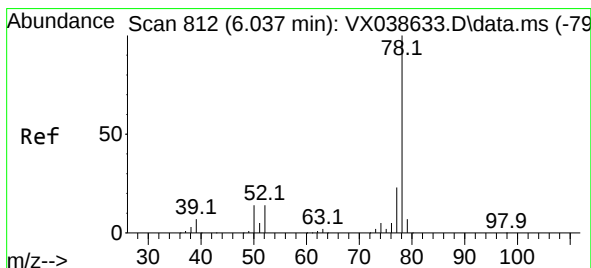
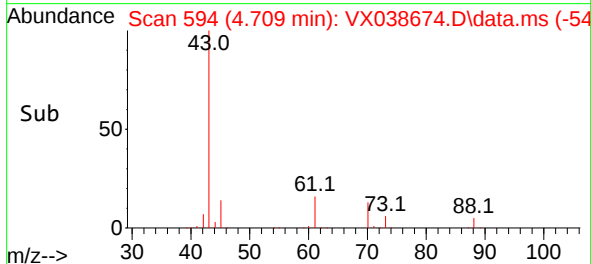
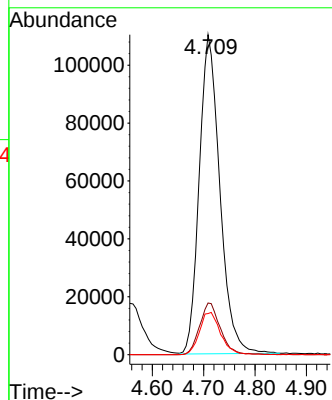
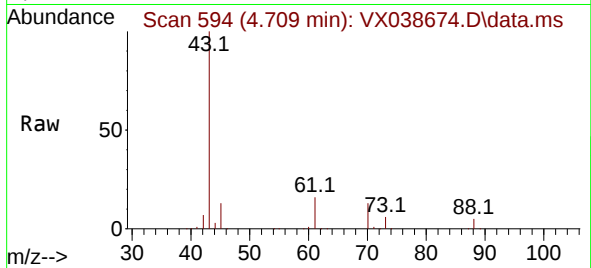




#37
Ethyl Acetate
Concen: 72.664 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

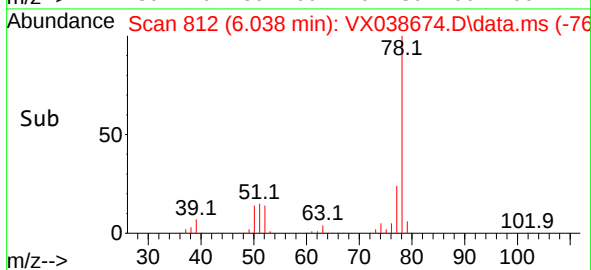
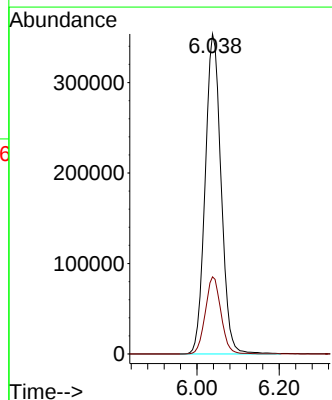
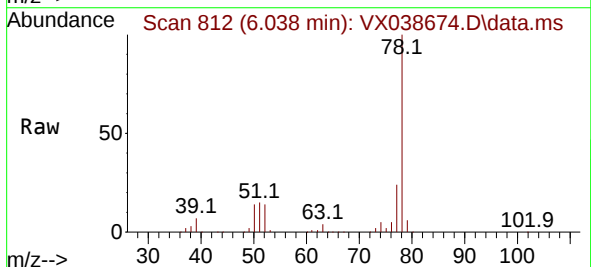
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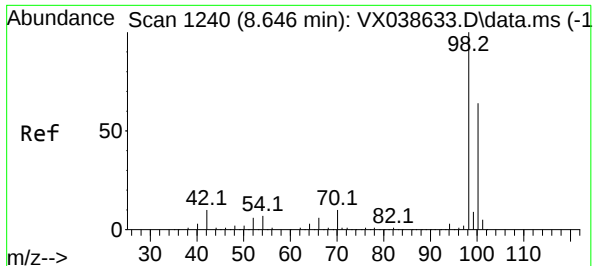
Tgt Ion: 43 Resp: 306785
Ion Ratio Lower Upper
43 100
61 16.3 10.6 16.0#
70 13.7 8.3 12.5#



#40
Benzene
Concen: 79.768 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 78 Resp: 950080
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#50

Toluene-d8

Concen: 46.152 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

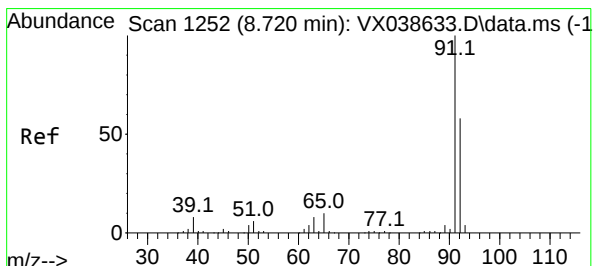
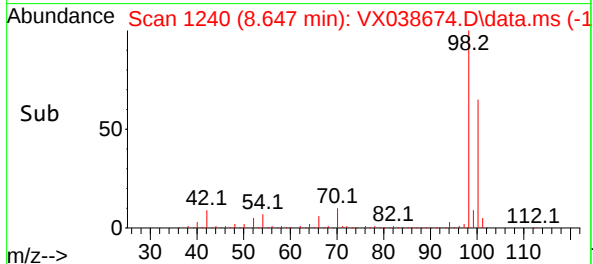
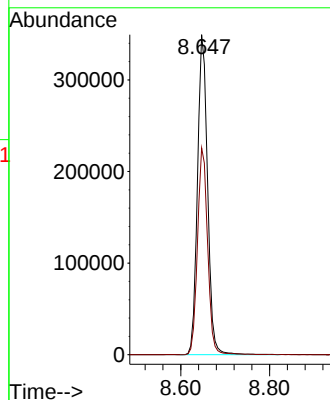
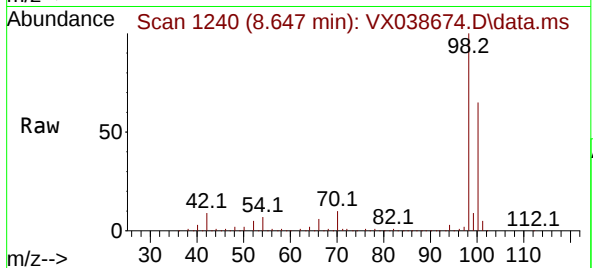
50188

Tgt Ion: 98 Resp: 549779

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#52

Toluene

Concen: 138.462 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038674.D

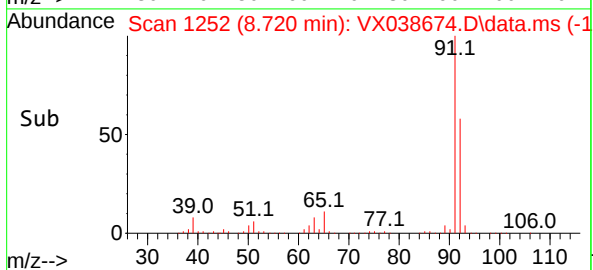
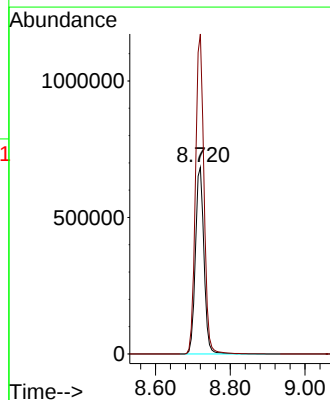
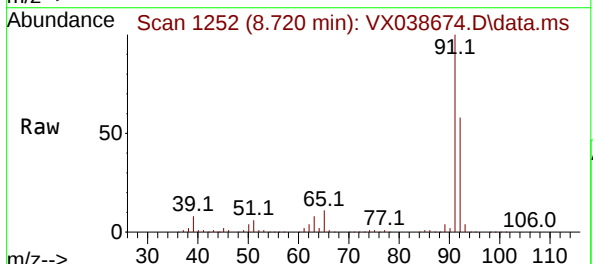
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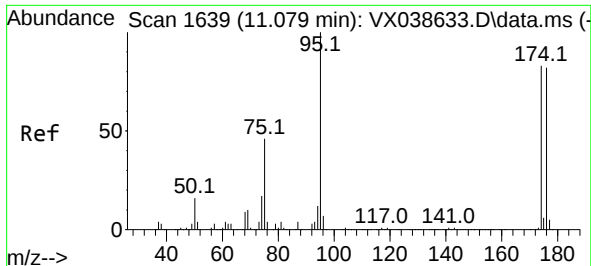
Tgt Ion: 92 Resp: 1080333

Ion Ratio Lower Upper

92 100

91 170.8 134.2 201.2

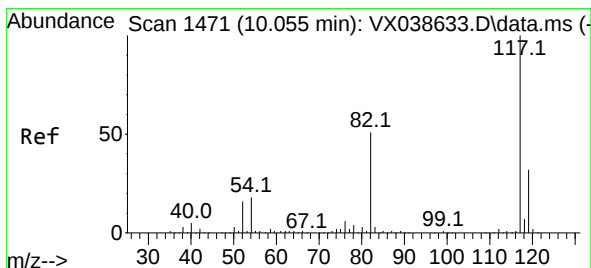
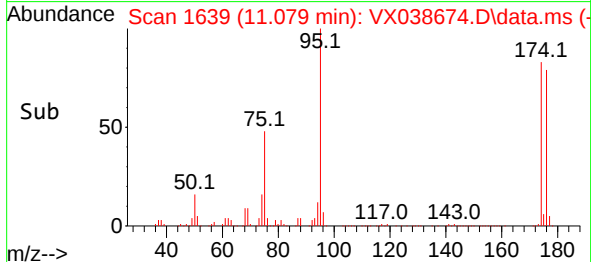
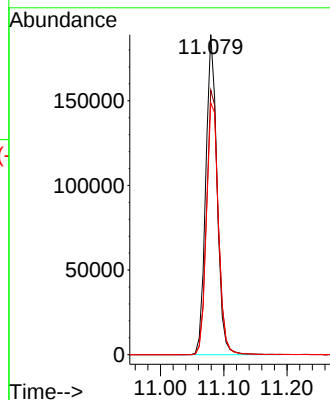
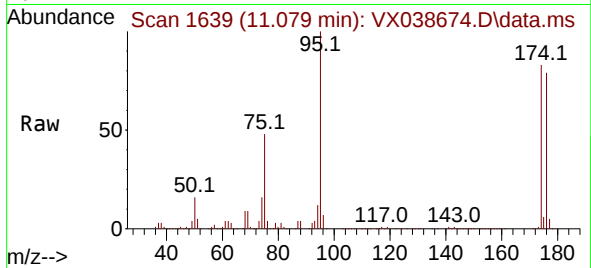




#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

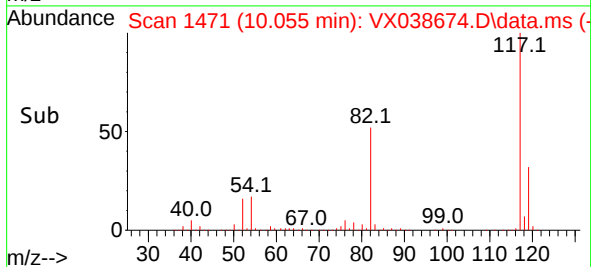
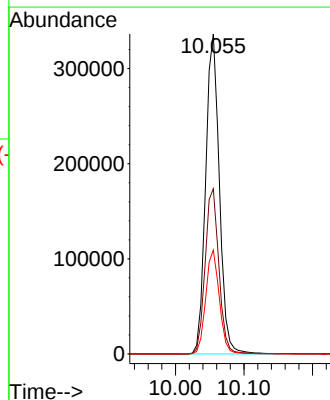
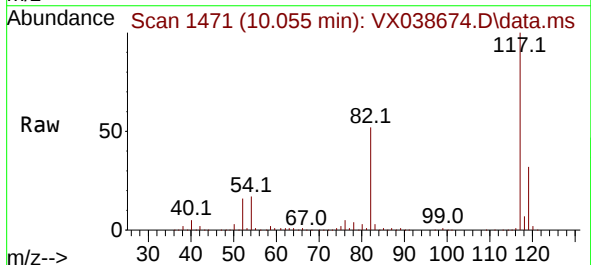
Instrument :
MSVOA_X
ClientSampleId :
50188

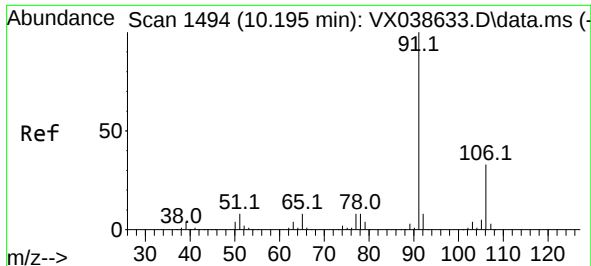
Tgt Ion: 95 Resp: 234609
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 83.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 117 Resp: 468653
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 9.072 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

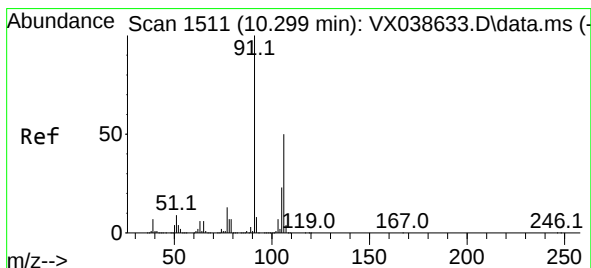
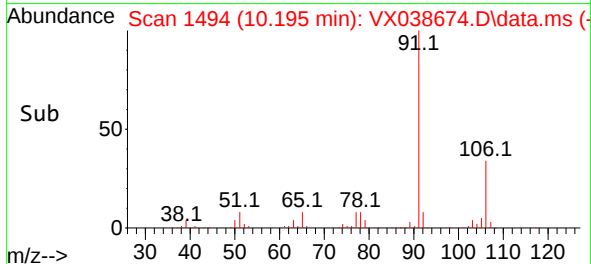
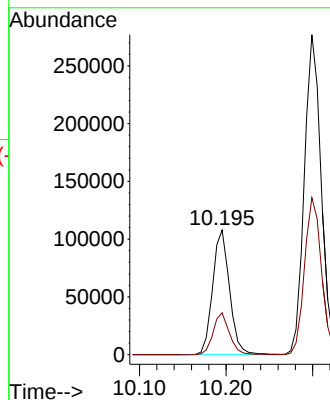
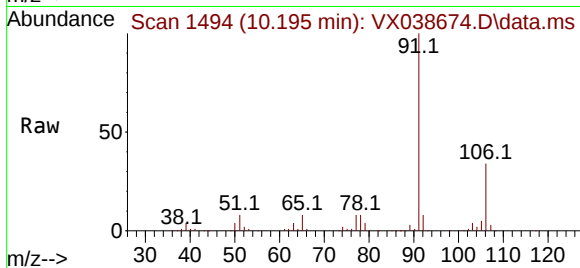
50188

Tgt Ion: 91 Resp: 146393

Ion Ratio Lower Upper

91 100

106 33.6 24.9 37.3



#68

m/p-Xylenes

Concen: 29.177 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038674.D

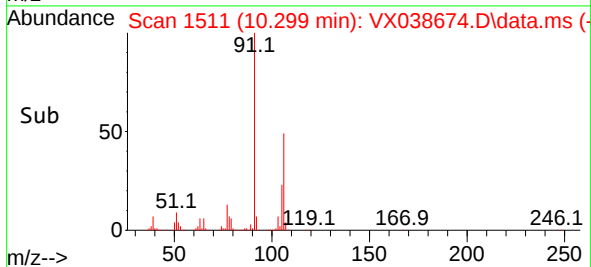
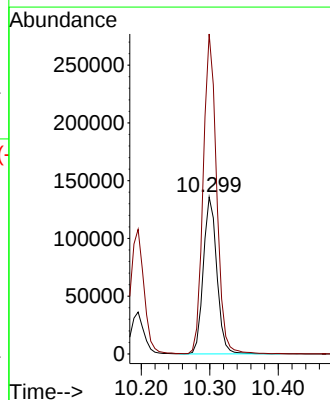
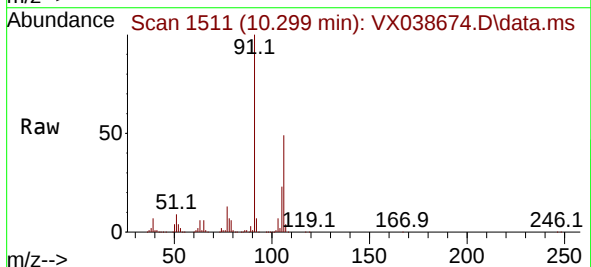
Acq: 09 Nov 2023 12:46

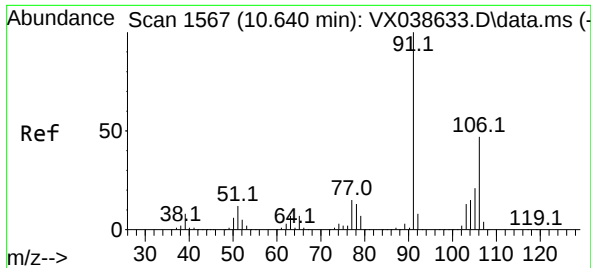
Tgt Ion: 106 Resp: 186870

Ion Ratio Lower Upper

106 100

91 203.1 165.5 248.3

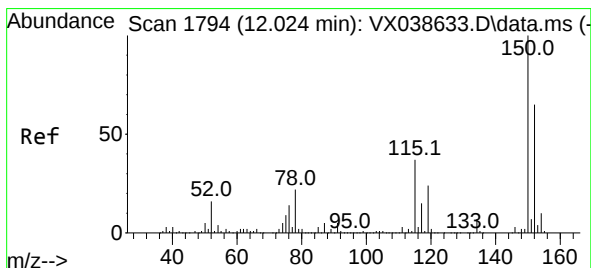
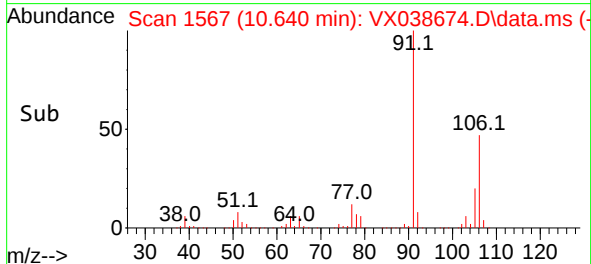
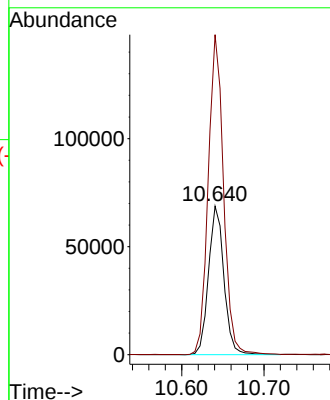
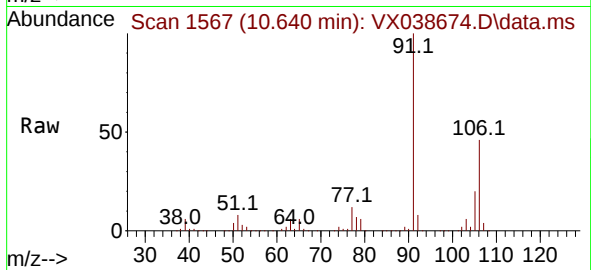




#69
o-Xylene
Concen: 14.358 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

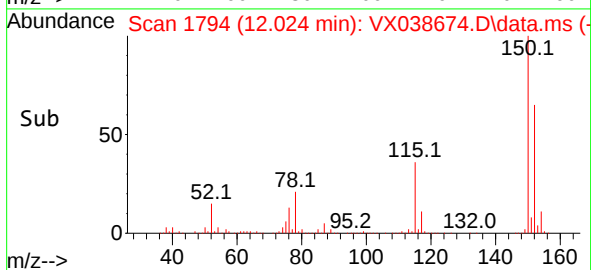
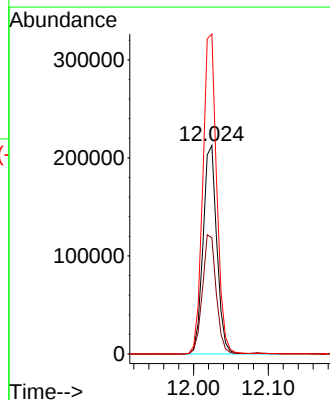
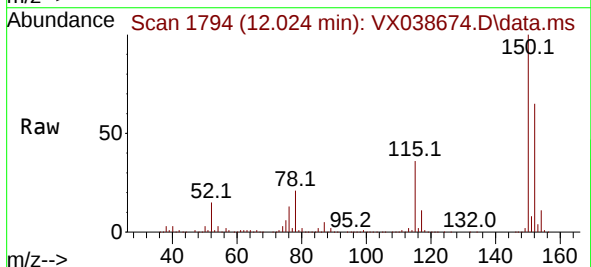
Instrument :
MSVOA_X
ClientSampleId :
50188

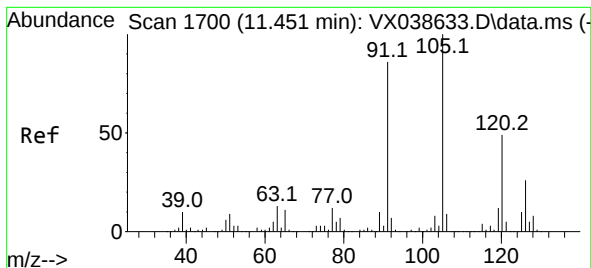
Tgt Ion:106 Resp: 89429
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion:152 Resp: 271997
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.9
150 155.0 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.277 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

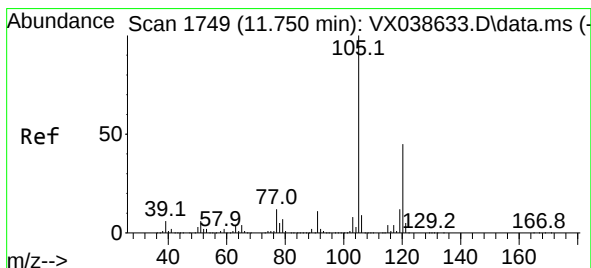
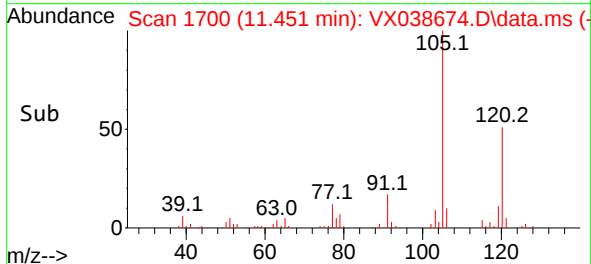
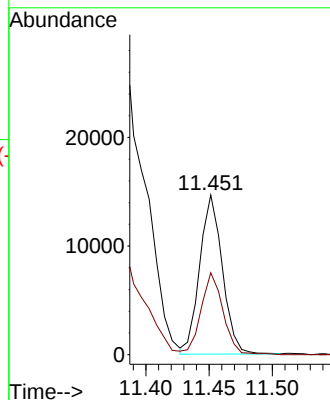
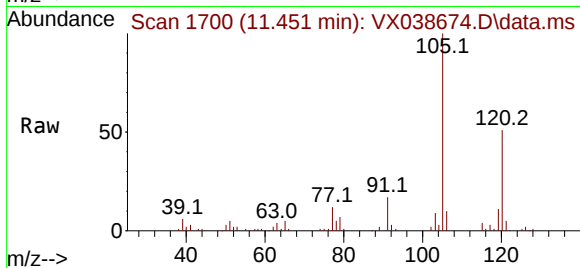
50188

Tgt Ion:105 Resp: 18342

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.737 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038674.D

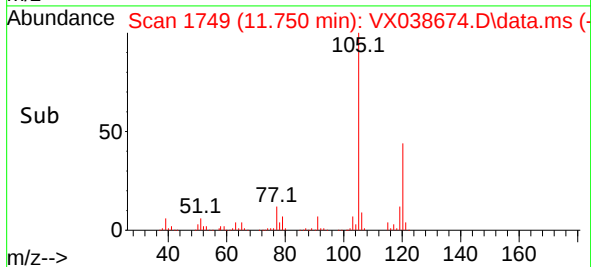
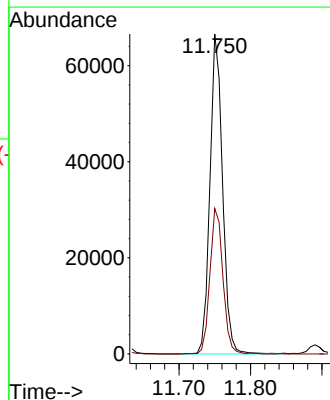
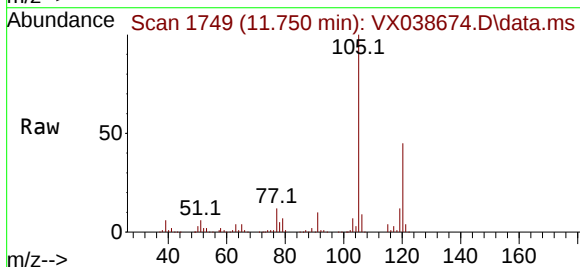
Acq: 09 Nov 2023 12:46

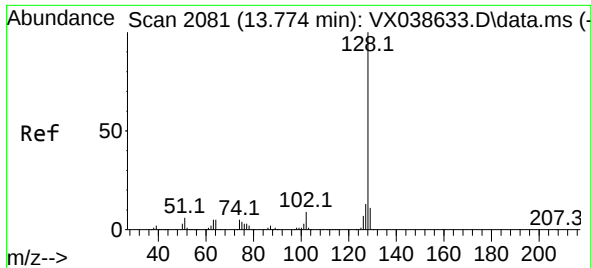
Tgt Ion:105 Resp: 81714

Ion Ratio Lower Upper

105 100

120 46.9 21.2 63.6





#95

Naphthalene

Concen: 5.224 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038674.D

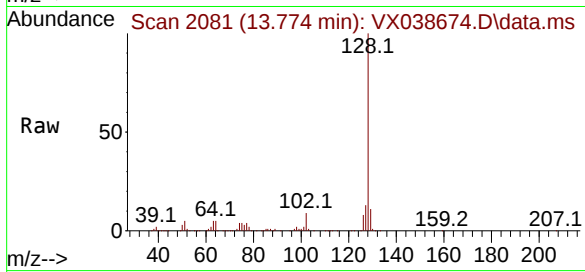
Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188



Tgt Ion:128 Resp: 96384

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.8 13.2

