

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041301.D
 Acq On : 30 Apr 2024 15:54
 Operator : JC/MD
 Sample : P2263-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 60156

Quant Time: May 01 02:47:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

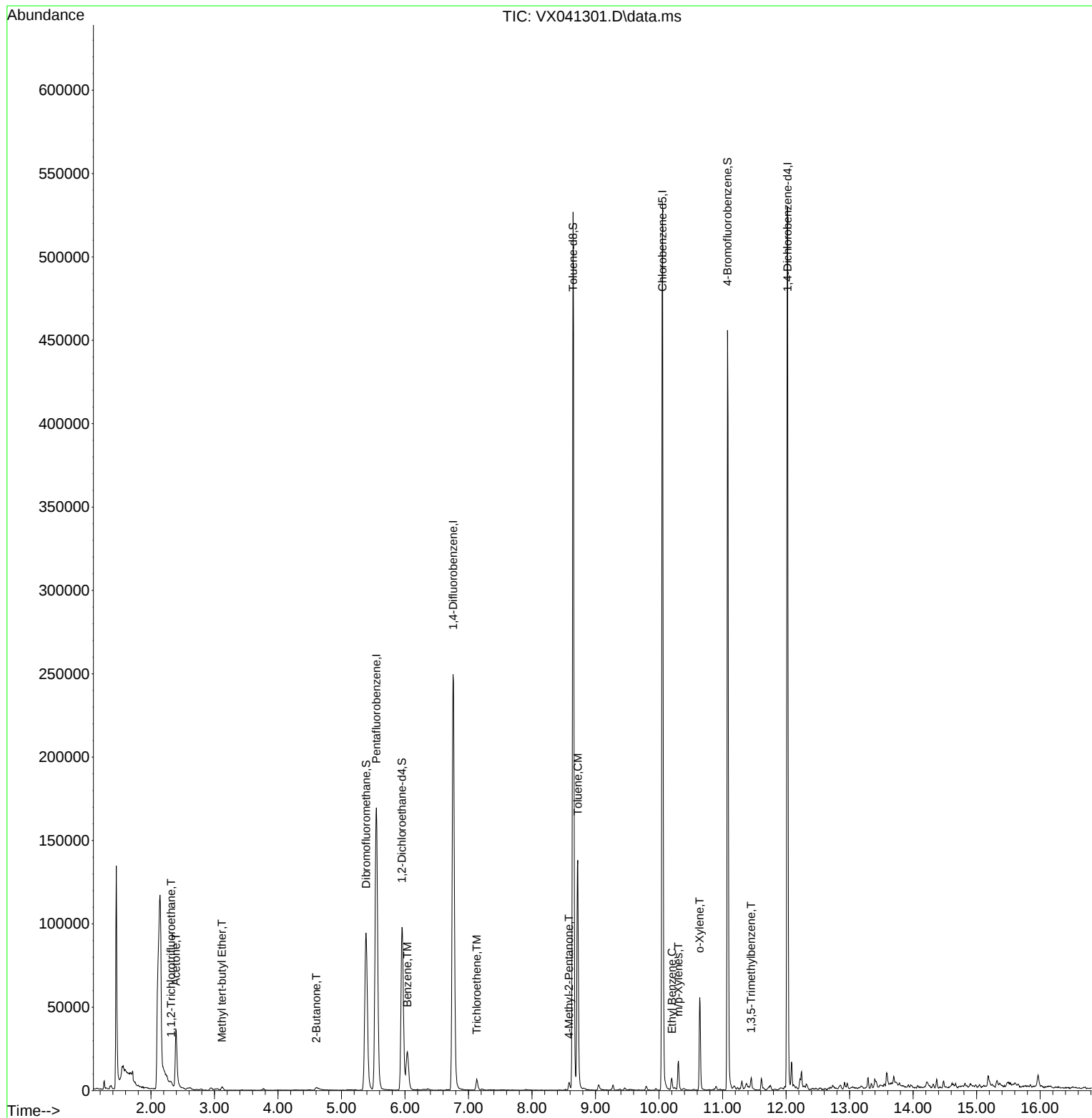
Internal Standards						
1) Pentafluorobenzene	5.550	168	186235	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	273813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98886	48.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.540%
35) Dibromofluoromethane	5.385	113	81972	44.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.647	98	312001	53.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.240%
62) 4-Bromofluorobenzene	11.079	95	113782	50.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.100%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	569	0.389	ug/l	92
16) Acetone	2.392	43	45482	47.779	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	2198	0.418	ug/l	97
25) 2-Butanone	4.605	43	3483	2.654	ug/l	# 77
40) Benzene	6.037	78	28448	4.159	ug/l	98
44) Trichloroethene	7.129	130	2885	1.597	ug/l	76
51) 4-Methyl-2-Pentanone	8.580	43	3411	1.366	ug/l	99
52) Toluene	8.720	92	55674	13.306	ug/l	97
67) Ethyl Benzene	10.201	91	4723	0.559	ug/l	98
68) m/p-Xylenes	10.305	106	4607	1.361	ug/l	88
69) o-Xylene	10.640	106	12948	3.996	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3256	0.523	ug/l	100

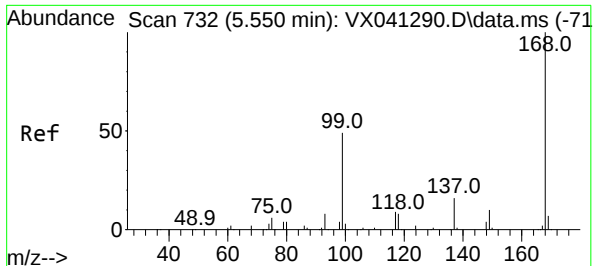
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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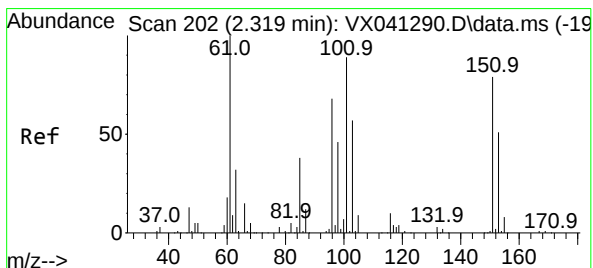
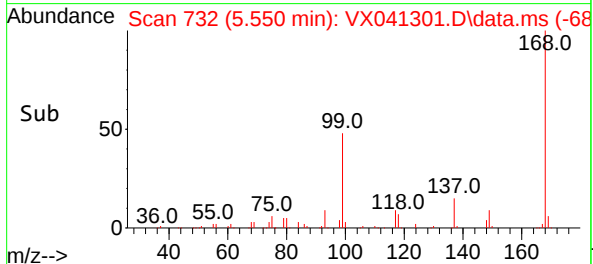
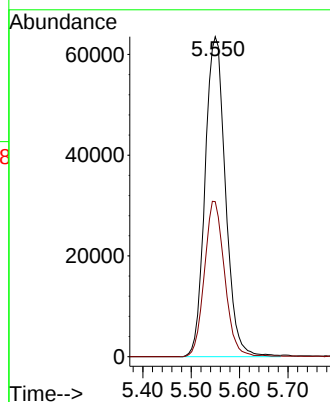
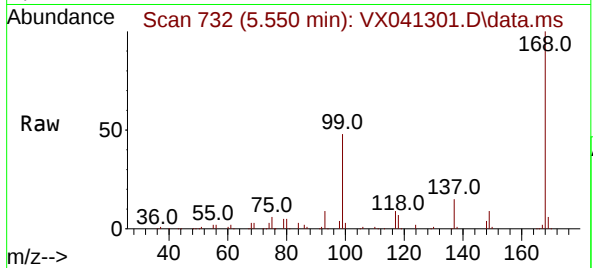




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

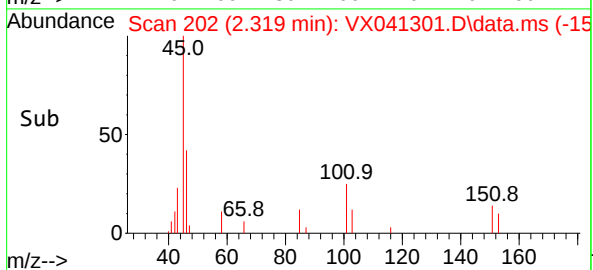
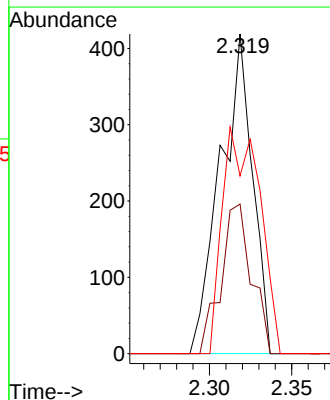
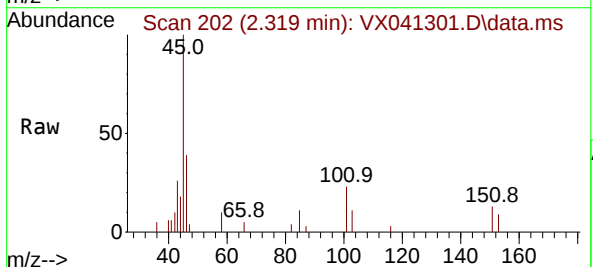
Instrument :
MSVOA_X
ClientSampleId :
60156

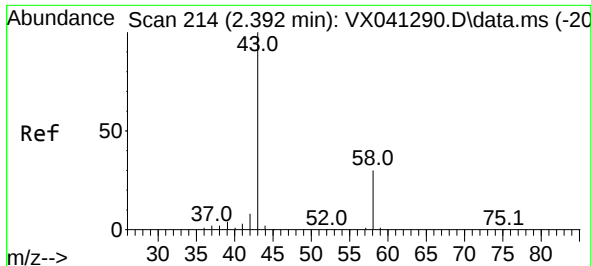
Tgt Ion:168 Resp: 186235
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.389 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion:101 Resp: 569
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 82.8 58.6 87.8

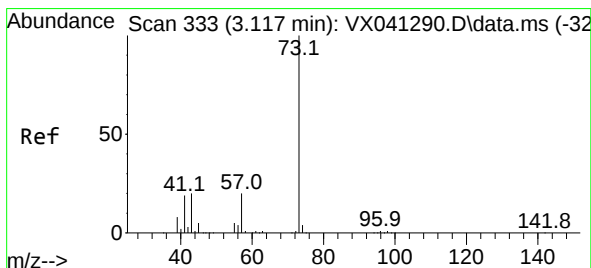
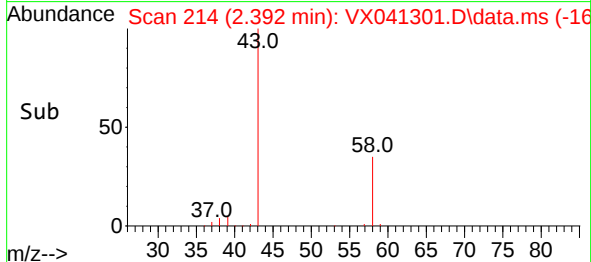
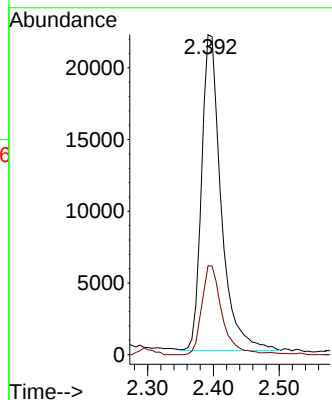
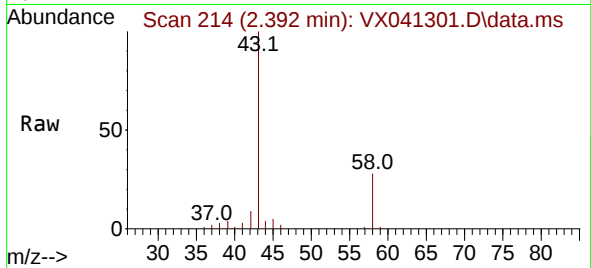




#16
Acetone
Concen: 47.779 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

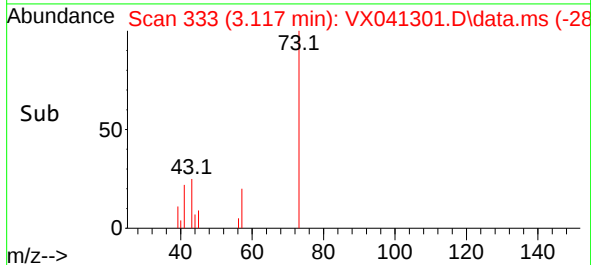
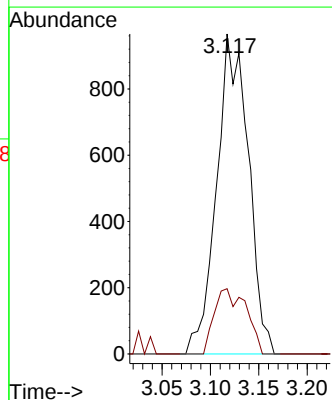
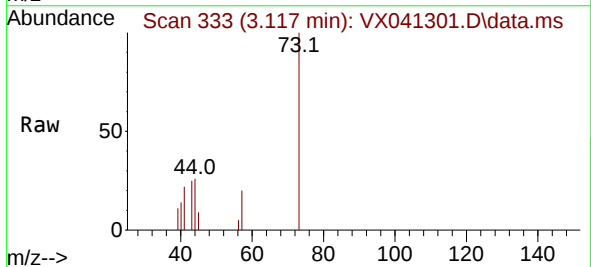
Instrument :
MSVOA_X
ClientSampleId :
60156

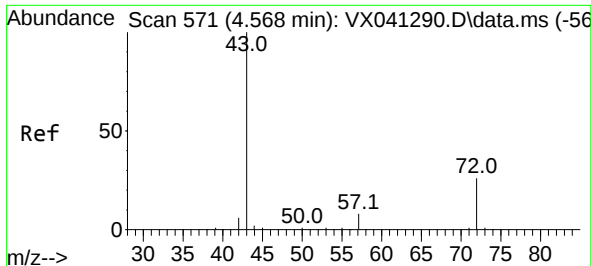
Tgt Ion: 43 Resp: 45482
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.418 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 73 Resp: 2198
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

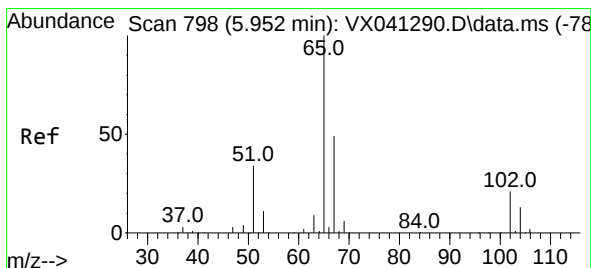
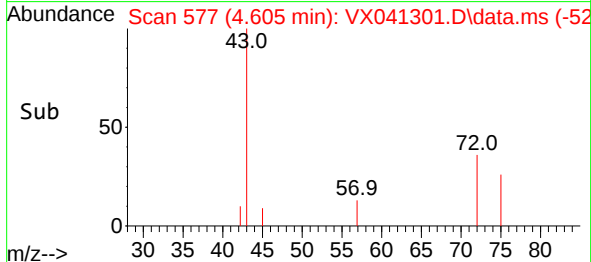
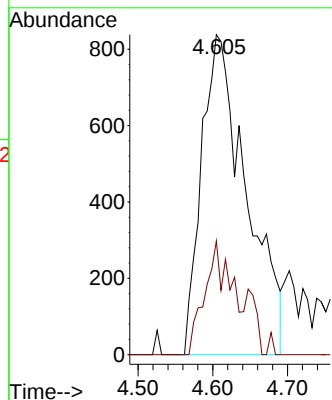
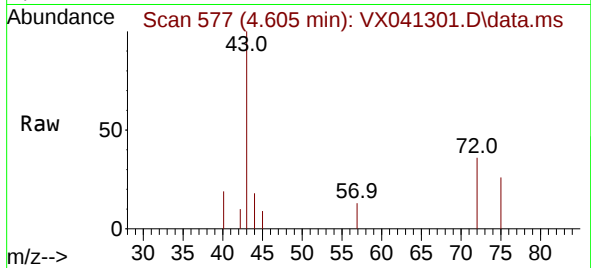




#25
2-Butanone
Concen: 2.654 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

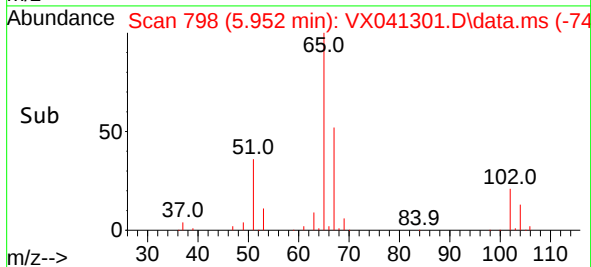
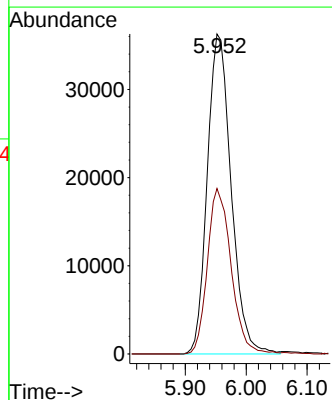
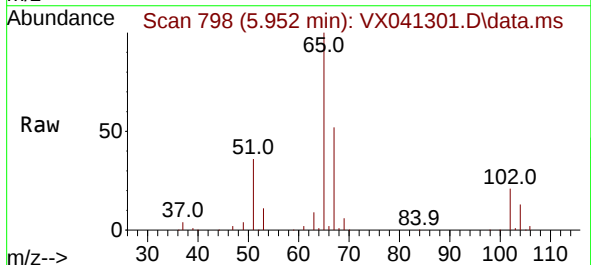
Instrument :
MSVOA_X
ClientSampleId :
60156

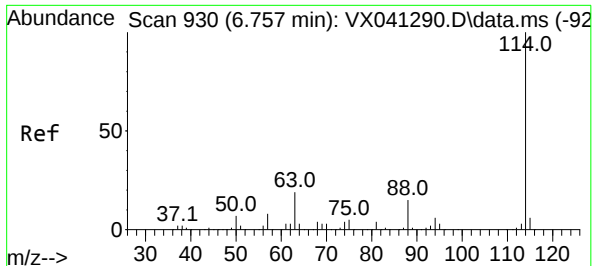
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
72 35.6 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 48.774 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 65 Resp: 98886
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

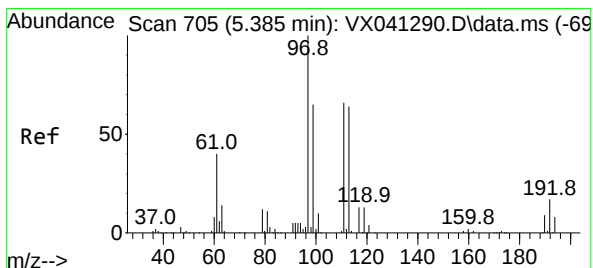
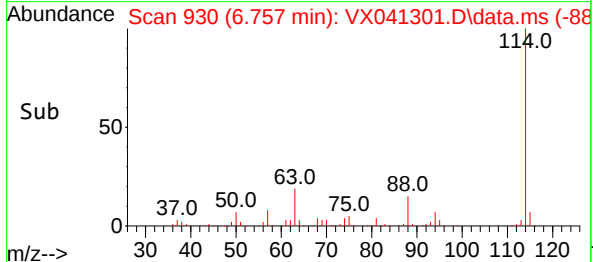
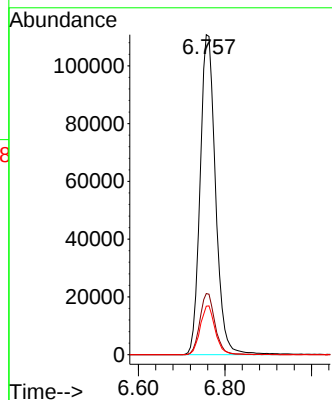
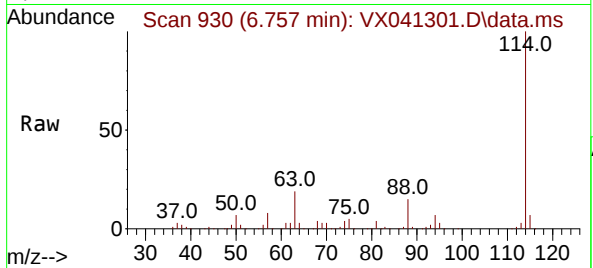




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

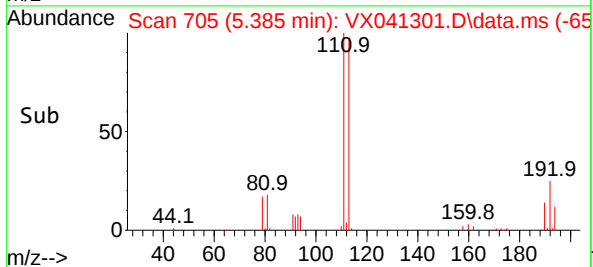
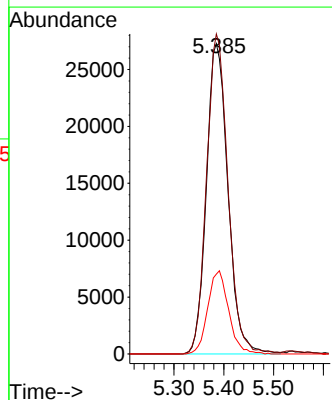
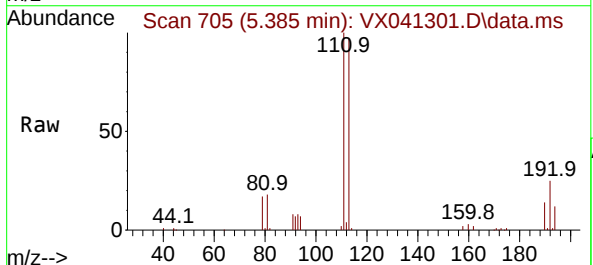
Instrument :
MSVOA_X
ClientSampleId :
60156

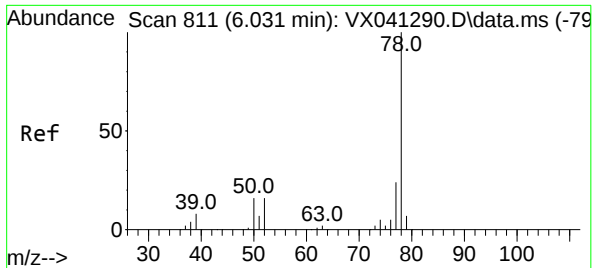
Tgt Ion:114 Resp: 273813
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.177 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion:113 Resp: 81972
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.9 13.3 19.9#





#40

Benzene

Concen: 4.159 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

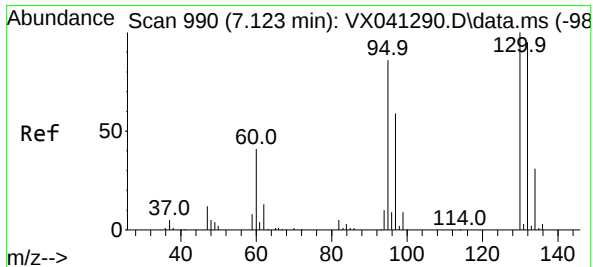
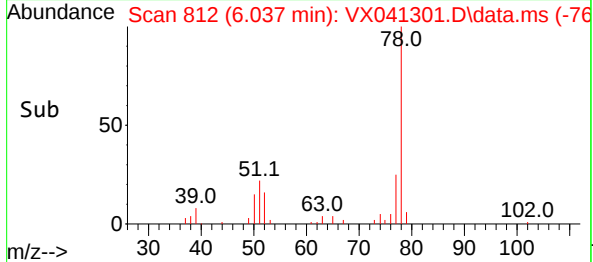
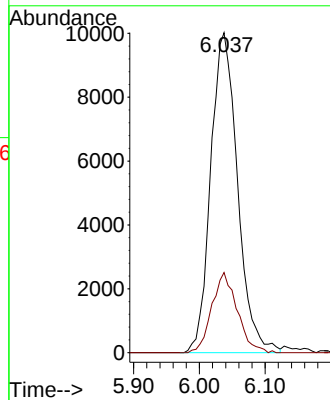
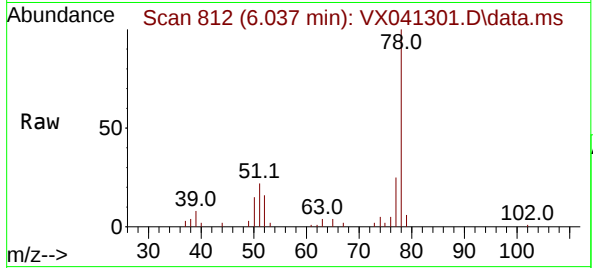
60156

Tgt Ion: 78 Resp: 28448

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9



#44

Trichloroethene

Concen: 1.597 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX041301.D

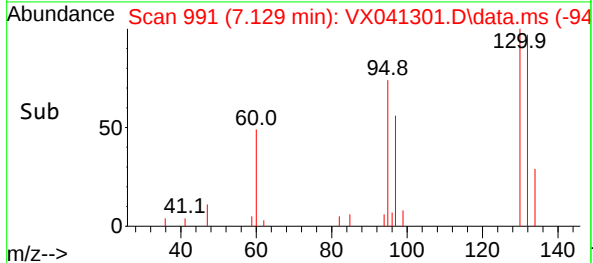
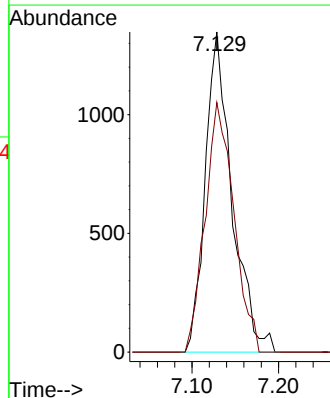
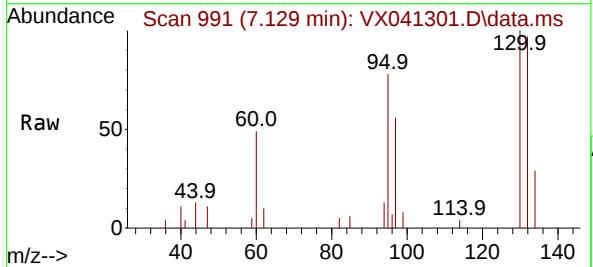
Acq: 30 Apr 2024 15:54

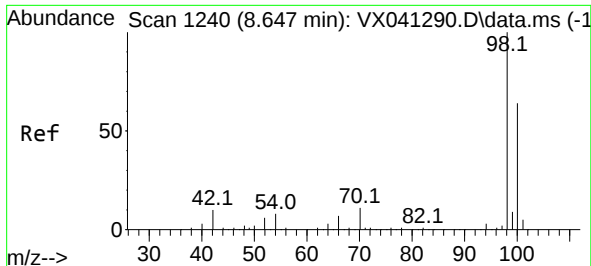
Tgt Ion:130 Resp: 2885

Ion Ratio Lower Upper

130 100

95 78.0 0.0 204.4

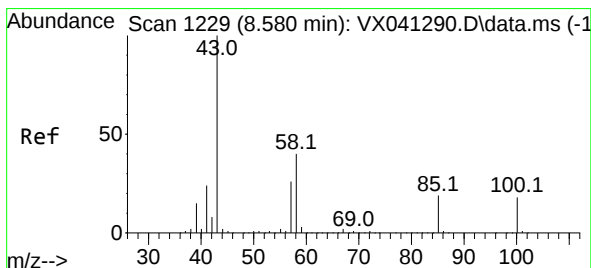
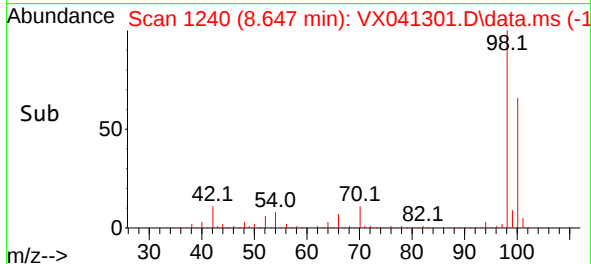
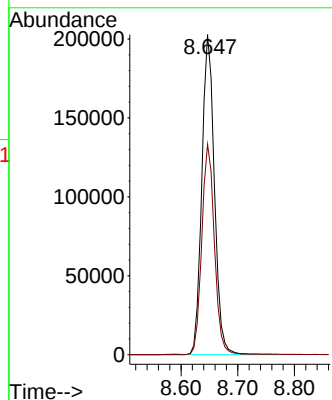
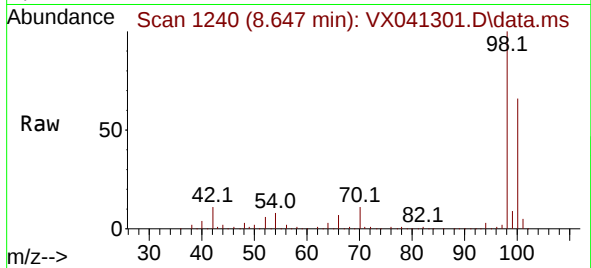




#50
Toluene-d8
Concen: 53.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

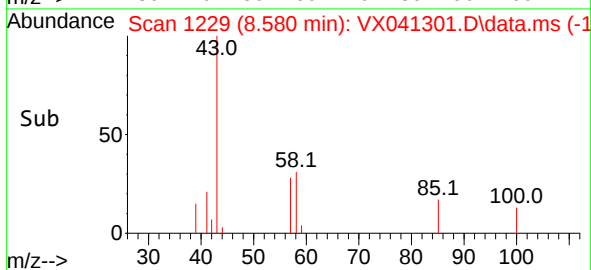
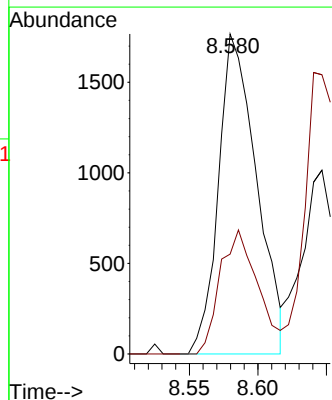
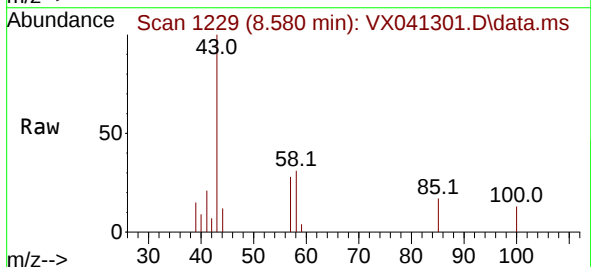
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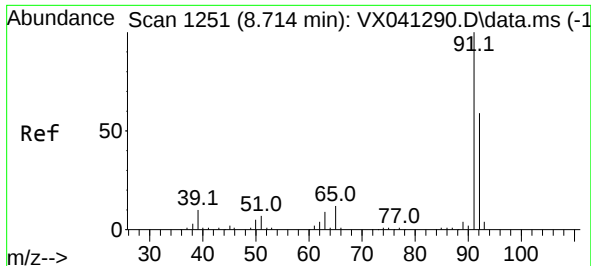
Tgt Ion: 98 Resp: 312001
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.366 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 43 Resp: 3411
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

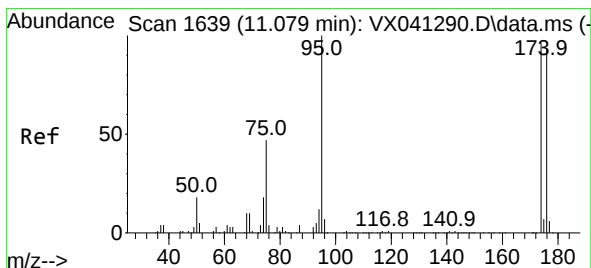
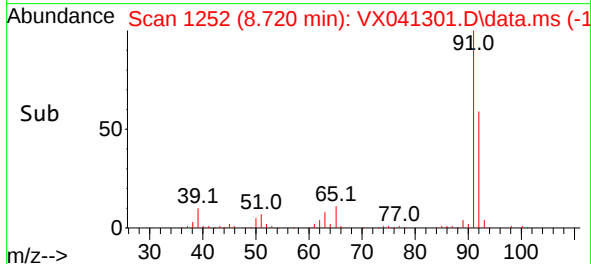
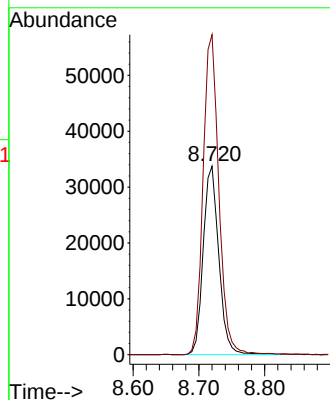
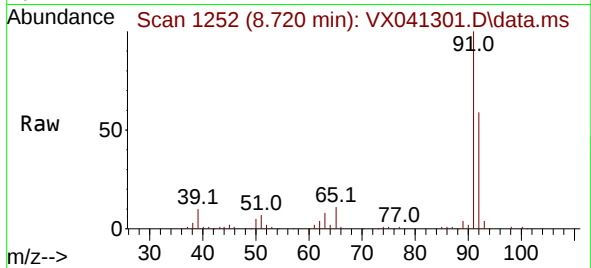




#52
Toluene
Concen: 13.306 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

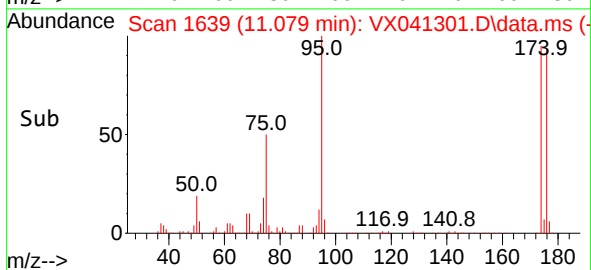
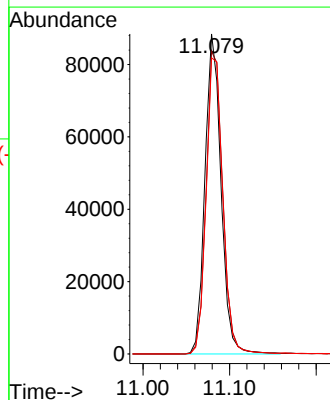
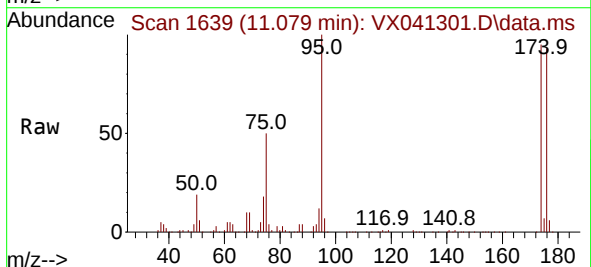
Instrument :
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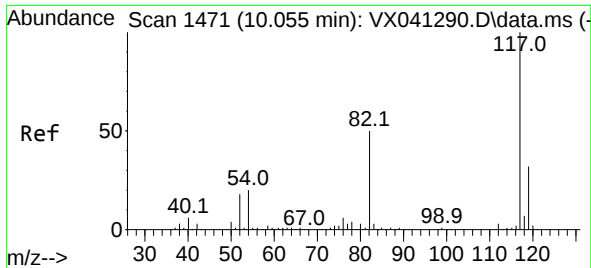
Tgt Ion: 92 Resp: 55674
Ion Ratio Lower Upper
92 100
91 171.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 95 Resp: 113782
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 96.3 0.0 131.0

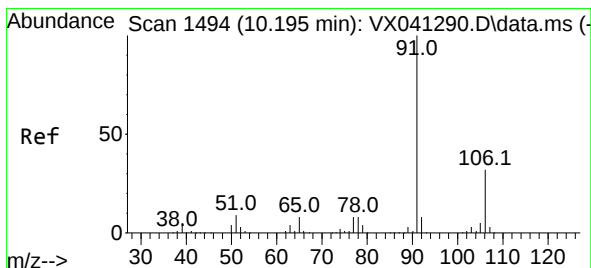
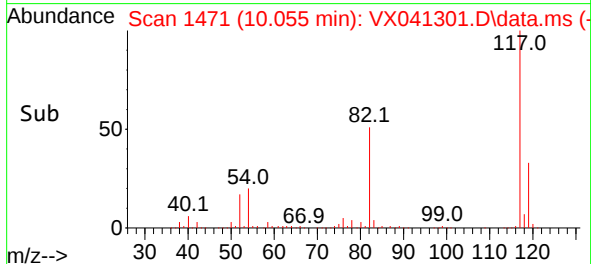
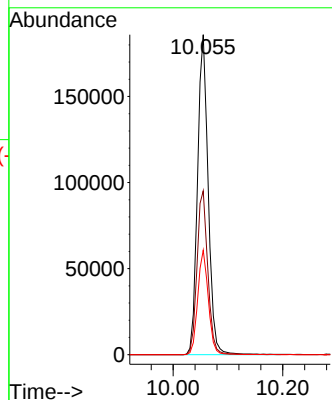
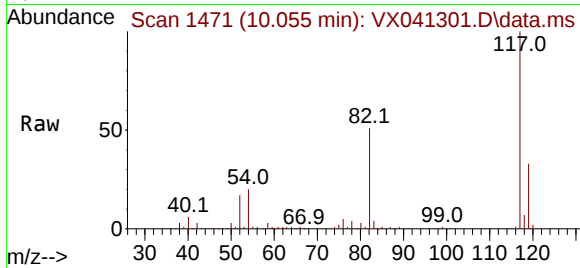




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

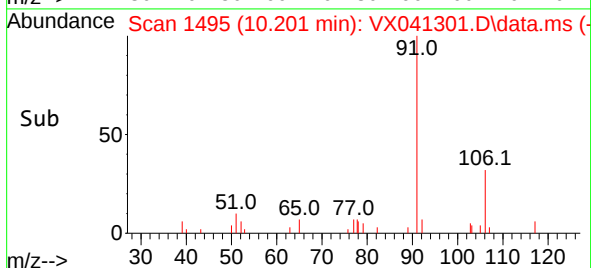
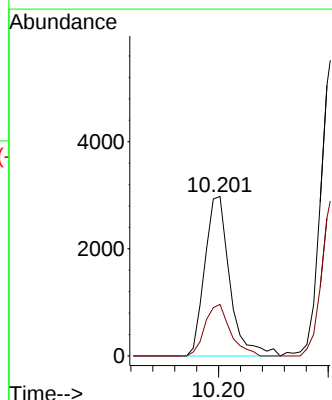
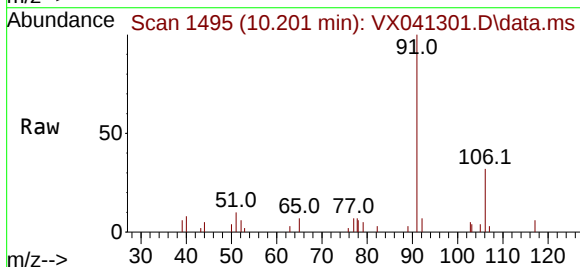
Instrument :
MSVOA_X
ClientSampleId :
60156

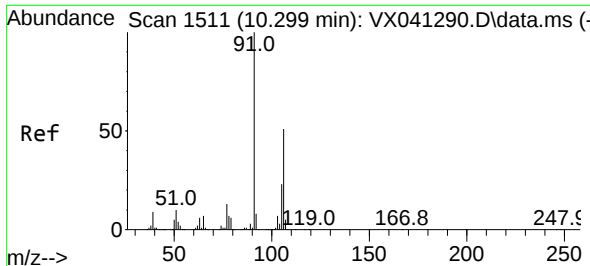
Tgt Ion:117 Resp: 252333
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.7 25.5 38.3



#67
Ethyl Benzene
Concen: 0.559 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion: 91 Resp: 4723
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

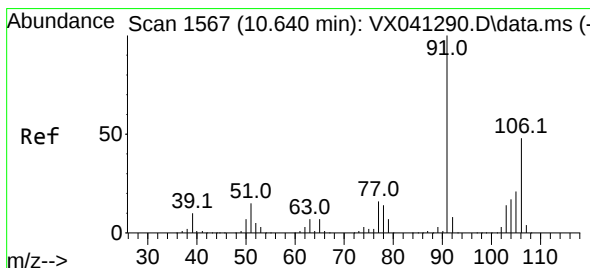
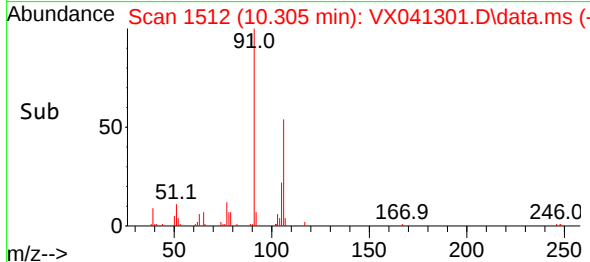
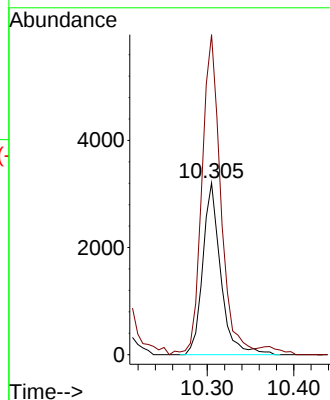
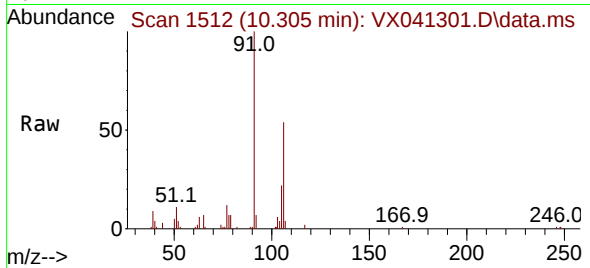




#68
m/p-Xylenes
Concen: 1.361 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

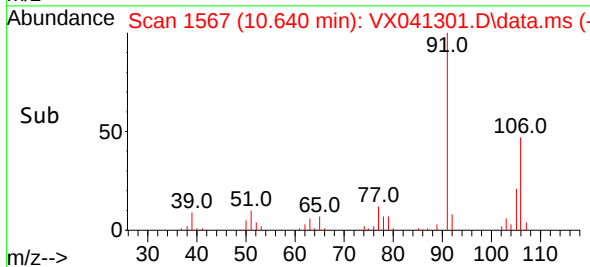
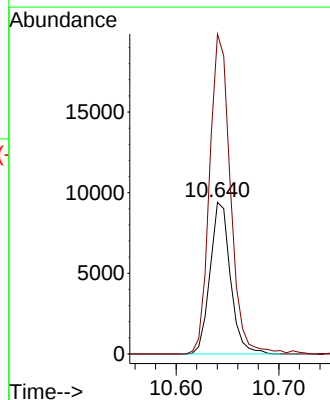
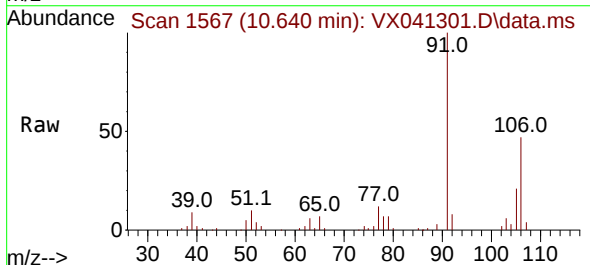
Instrument :
MSVOA_X
ClientSampleId :
60156

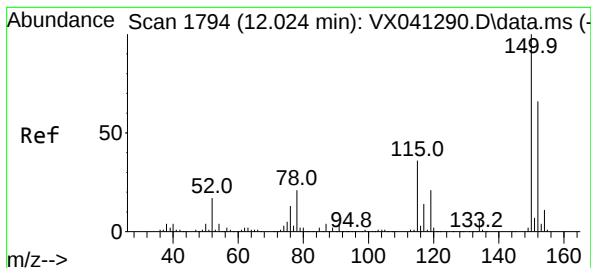
Tgt Ion:106 Resp: 4607
Ion Ratio Lower Upper
106 100
91 188.5 165.5 248.3



#69
o-Xylene
Concen: 3.996 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041301.D
Acq: 30 Apr 2024 15:54

Tgt Ion:106 Resp: 12948
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

60156

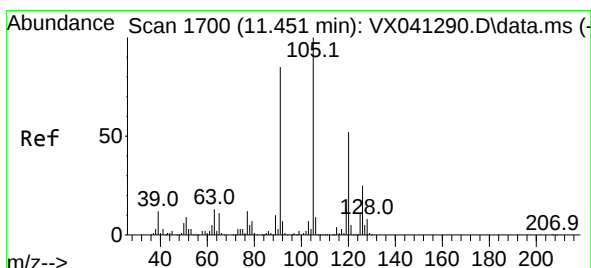
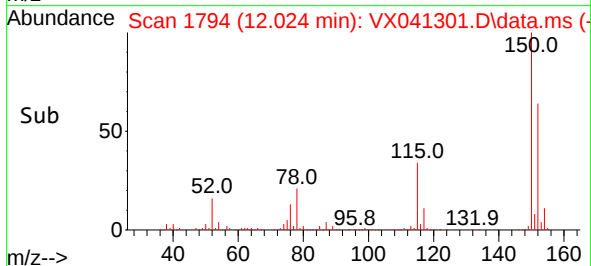
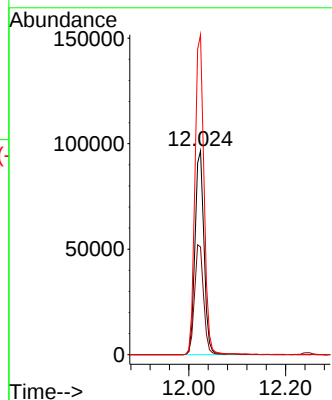
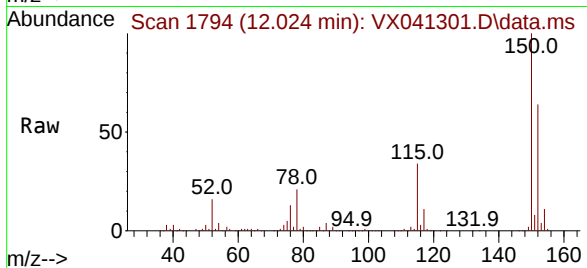
Tgt Ion:152 Resp: 125120

Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 157.3 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 0.523 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041301.D

Acq: 30 Apr 2024 15:54

Tgt Ion:105 Resp: 3256

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3

