

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022689.D
 Acq On : 14 Jun 2021 13:06
 Operator : JC/MD
 Sample : M2688-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 15 06:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

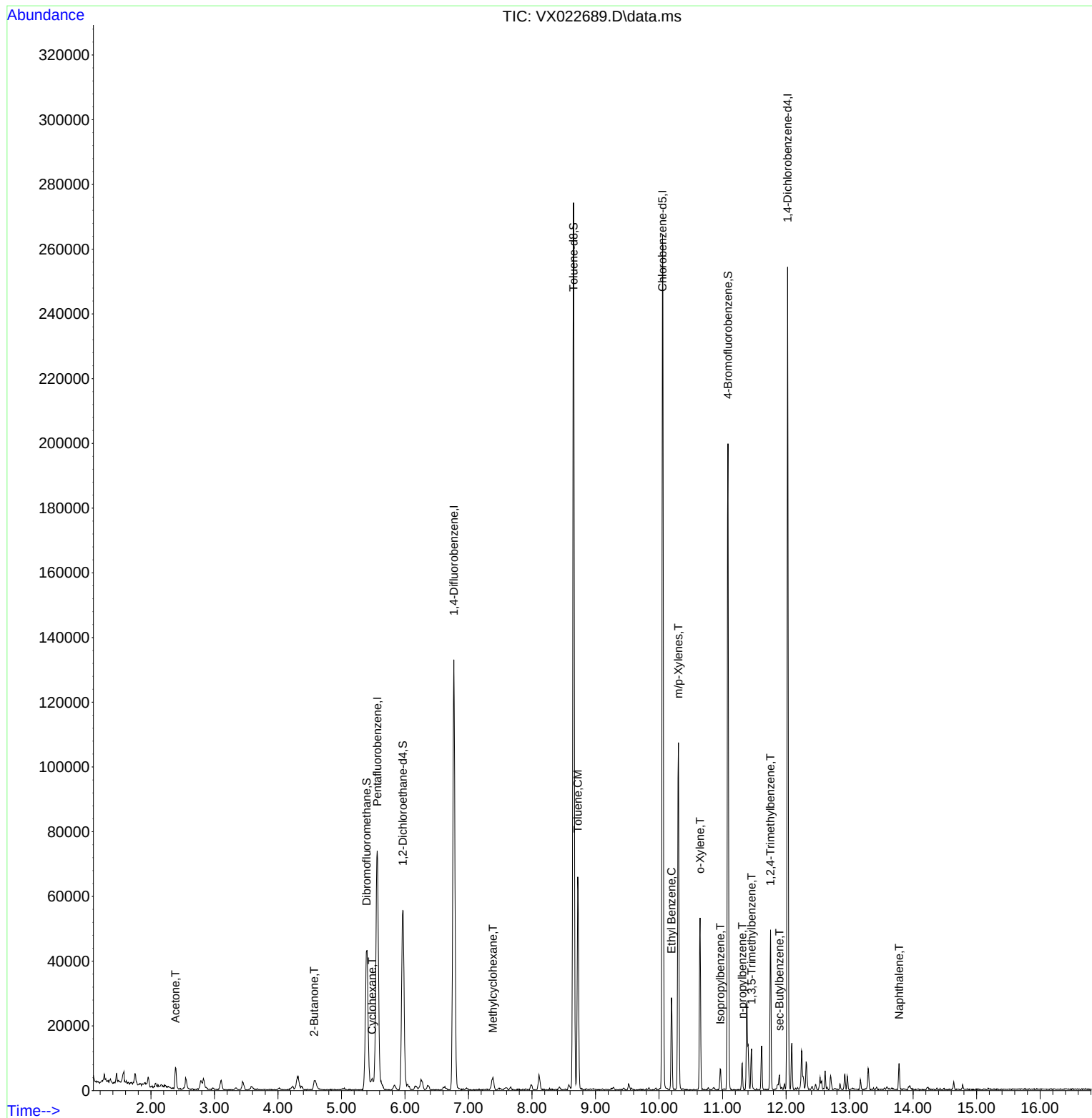
Internal Standards						
1) Pentafluorobenzene	5.562	168	61358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52789	47.837	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.397	113	38671	48.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.653	98	156356	49.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.085	95	53988	44.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.960%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	7386	14.948	ug/l	# 88
25) 2-Butanone	4.568	43	3965	4.948	ug/l	# 79
31) Cyclohexane	5.483	56	2332	1.752	ug/l	# 80
39) Methylcyclohexane	7.385	83	1551	1.183	ug/l	94
52) Toluene	8.720	92	23721	10.190	ug/l	100
67) Ethyl Benzene	10.195	91	15942	3.734	ug/l	95
68) m/p-Xylenes	10.305	106	24152	15.617	ug/l	97
69) o-Xylene	10.646	106	10829	7.227	ug/l	96
73) Isopropylbenzene	10.963	105	3418	0.954	ug/l	100
78) n-propylbenzene	11.311	91	4694	1.085	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	5389	1.805	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	19765	6.528	ug/l	96
85) sec-Butylbenzene	11.896	105	2479	0.677	ug/l	82
95) Naphthalene	13.780	128	4657	2.693	ug/l	99

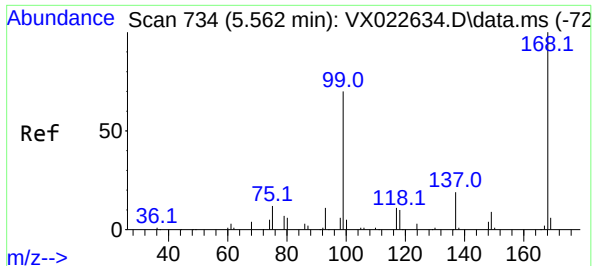
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
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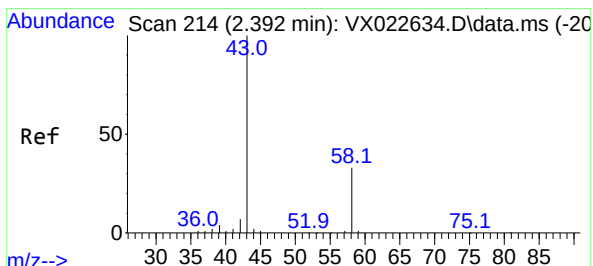
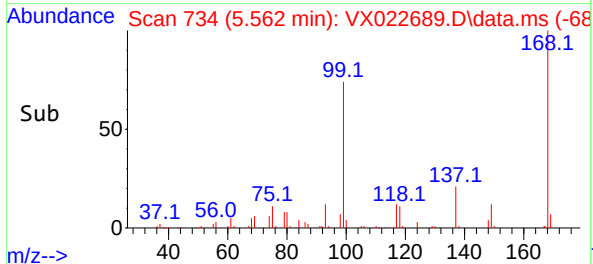
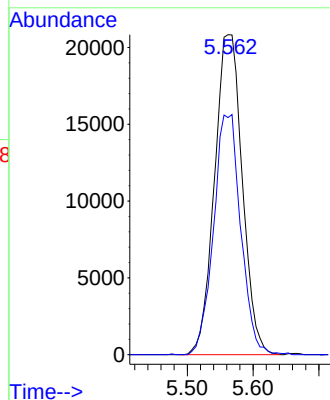
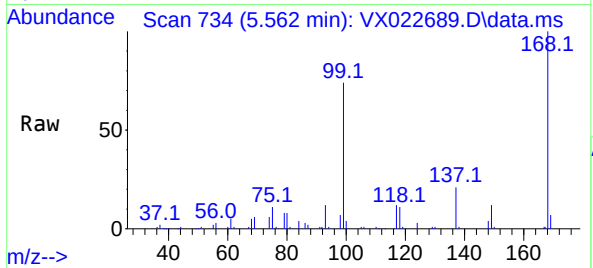




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

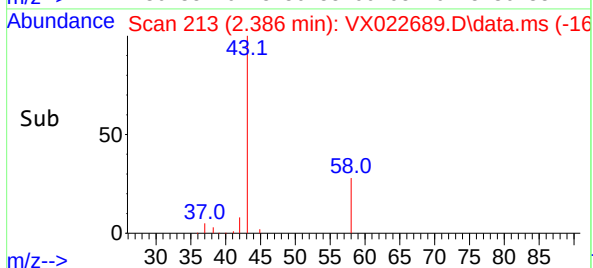
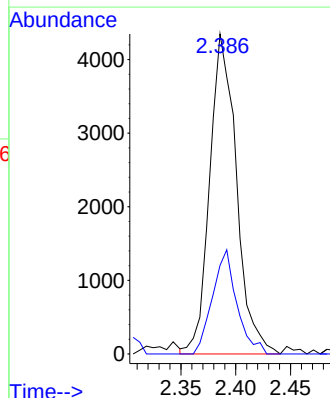
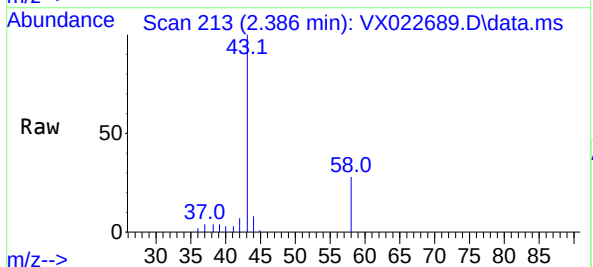
Instrument :
MSVOA_X
ClientSampleId :
MW-1

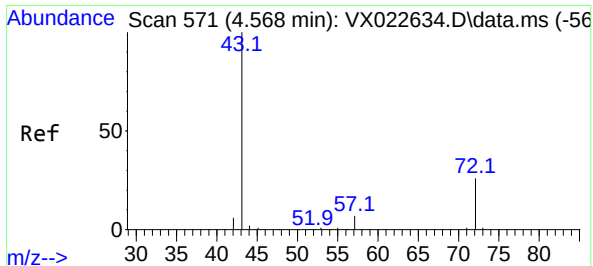
Tgt Ion:168 Resp: 61358
Ion Ratio Lower Upper
168 100
99 74.1 45.8 68.6#



#16
Acetone
Concen: 14.948 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 43 Resp: 7386
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

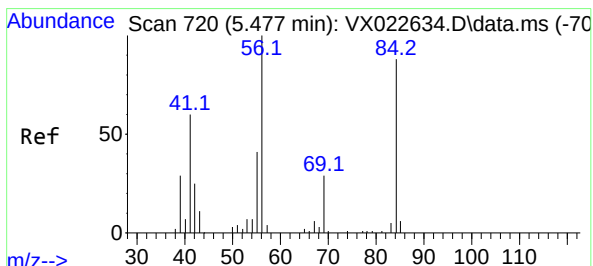
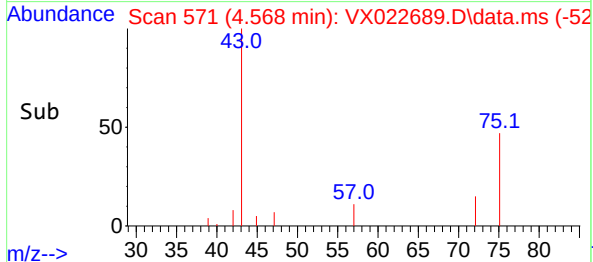
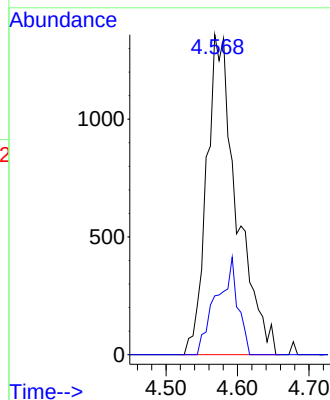
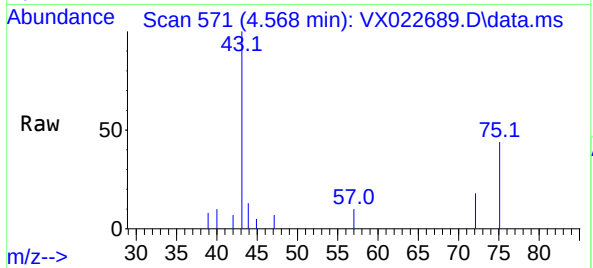




#25
2-Butanone
Concen: 4.948 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

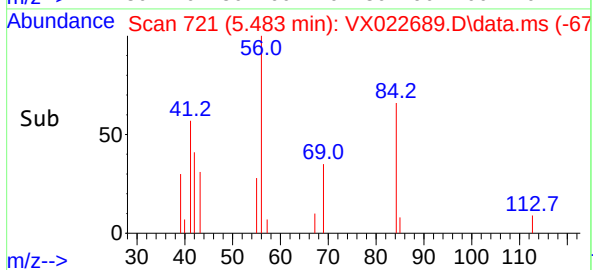
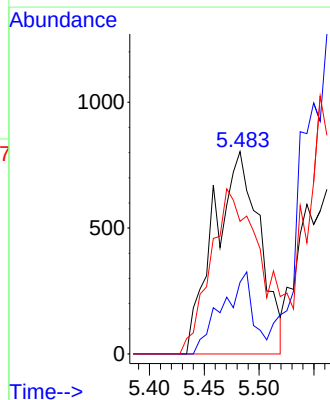
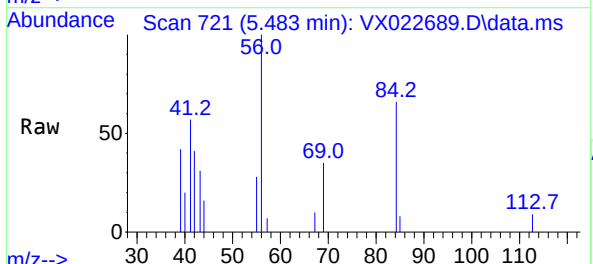
Instrument :
MSVOA_X
ClientSampled :
MW-1

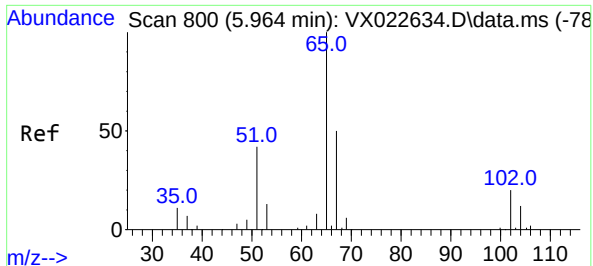
Tgt Ion: 43 Resp: 3965
Ion Ratio Lower Upper
43 100
72 18.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.752 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 56 Resp: 2332
Ion Ratio Lower Upper
56 100
69 35.4 25.3 37.9
84 65.5 71.4 107.0#



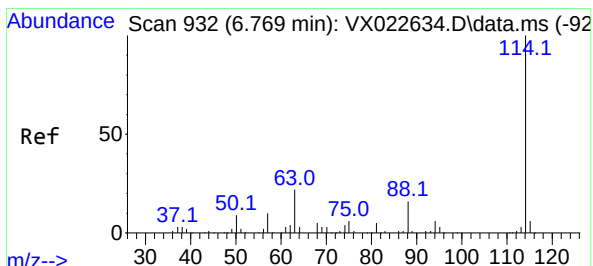
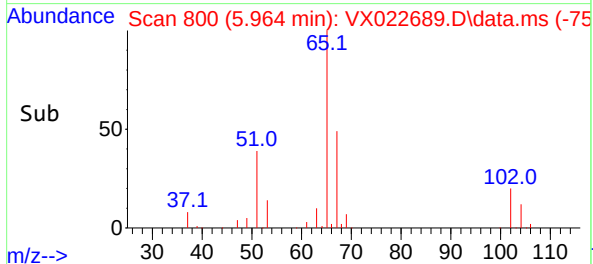
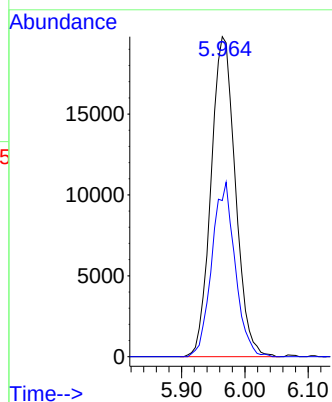
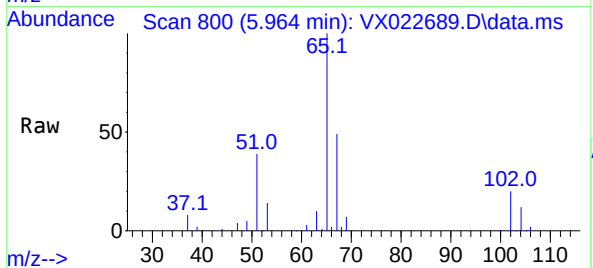


#33

1,2-Dichloroethane-d4
Concen: 47.837 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Instrument :
MSVOA_X
ClientSampled :
MW-1

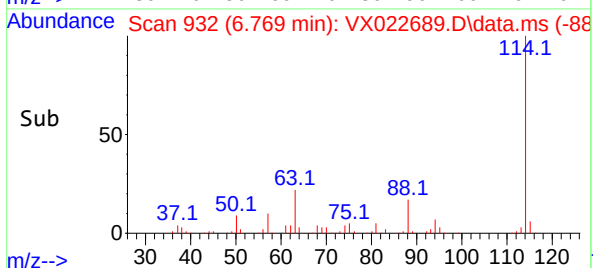
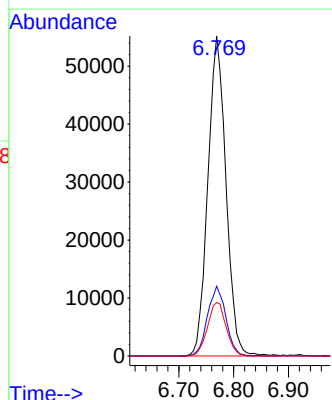
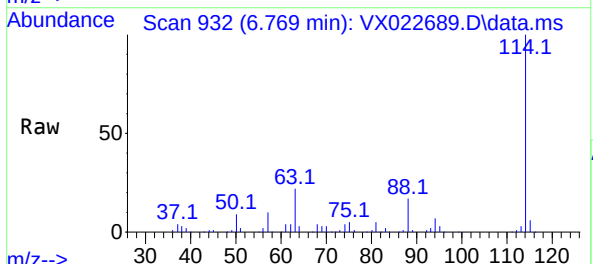
Tgt Ion: 65 Resp: 52789
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

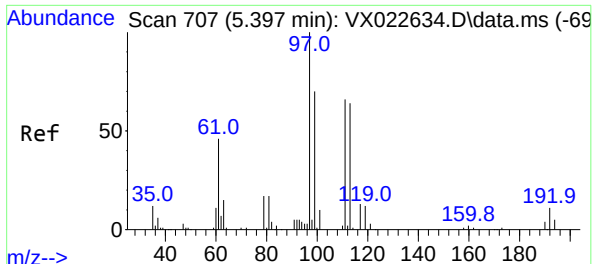


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 114 Resp: 126176
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.7 0.0 32.8

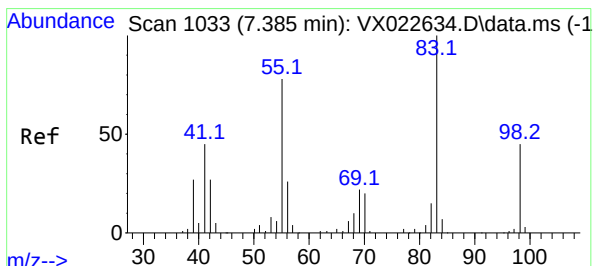
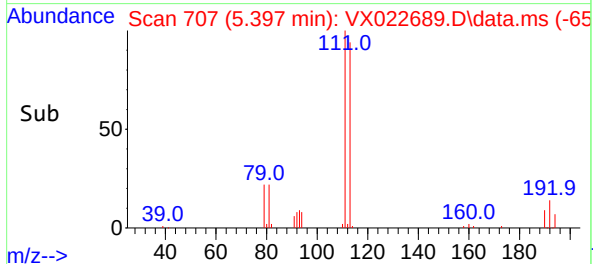
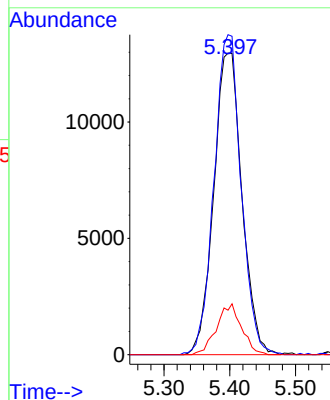
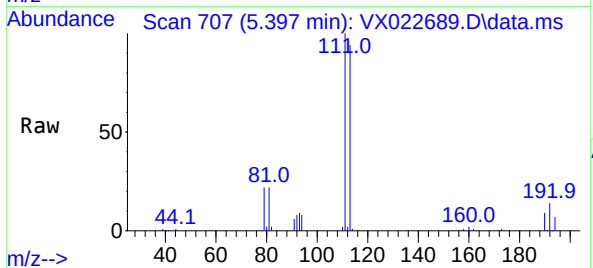




#35
Dibromofluoromethane
Concen: 48.037 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

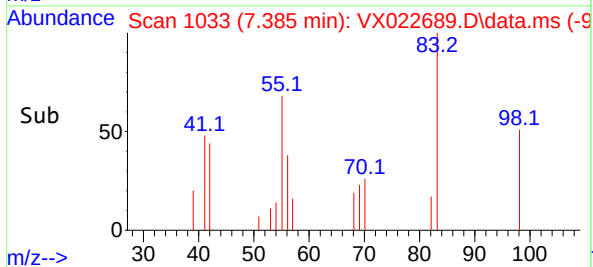
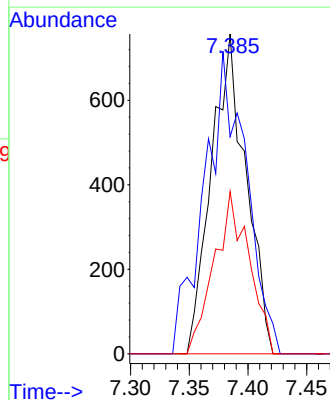
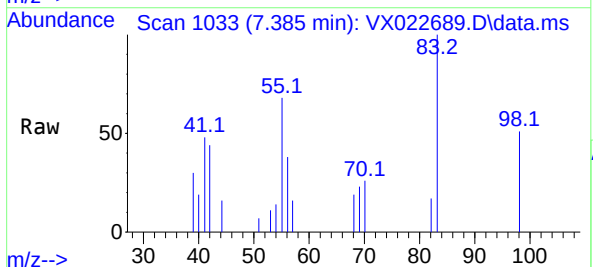
Instrument :
MSVOA_X
ClientSampled :
MW-1

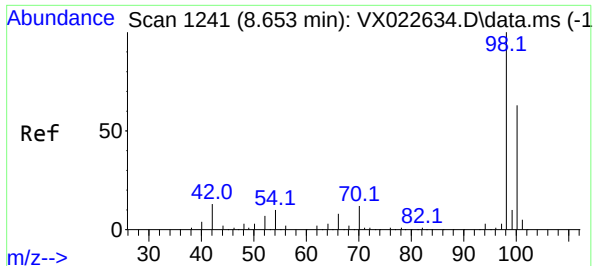
Tgt Ion:113 Resp: 38671
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 14.9 16.7 25.1#



#39
Methylcyclohexane
Concen: 1.183 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 83 Resp: 1551
Ion Ratio Lower Upper
83 100
55 67.9 58.9 88.3
98 50.7 38.1 57.1





#50

Toluene-d8

Concen: 49.270 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022689.D

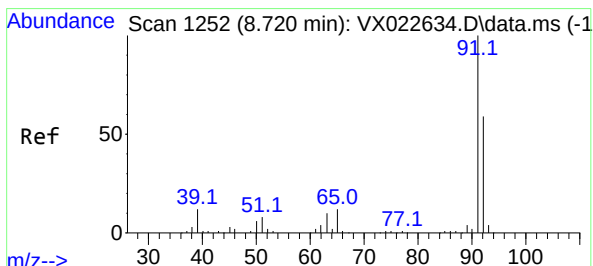
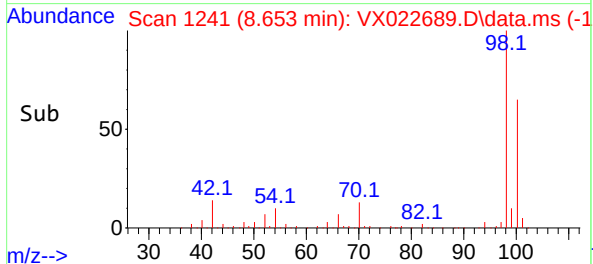
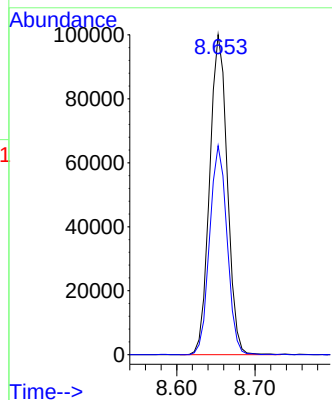
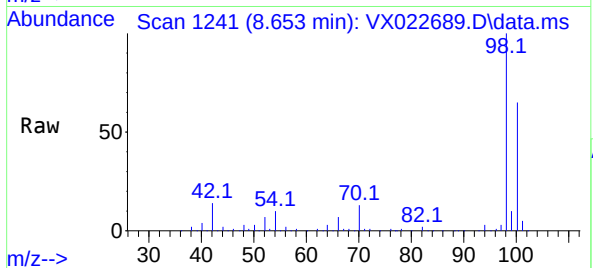
Acq: 14 Jun 2021 13:06

Tgt Ion: 98 Resp: 156356

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#52

Toluene

Concen: 10.190 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX022689.D

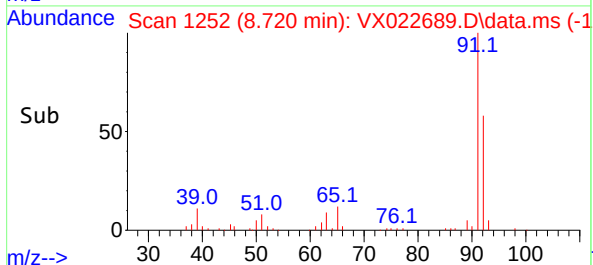
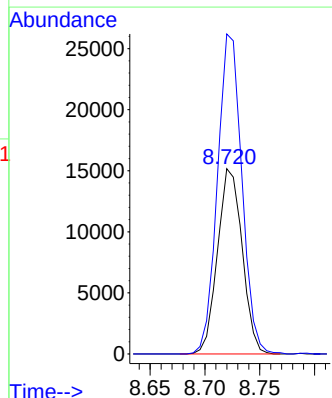
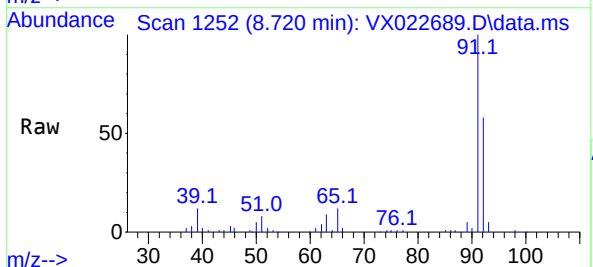
Acq: 14 Jun 2021 13:06

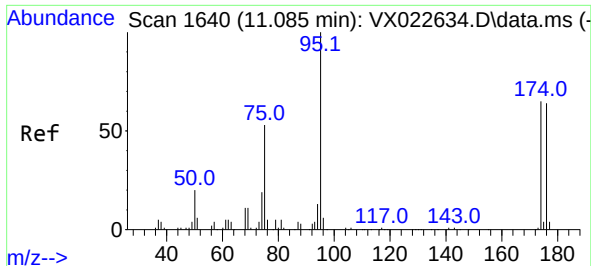
Tgt Ion: 92 Resp: 23721

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7

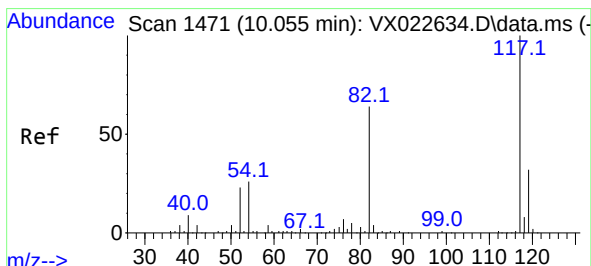
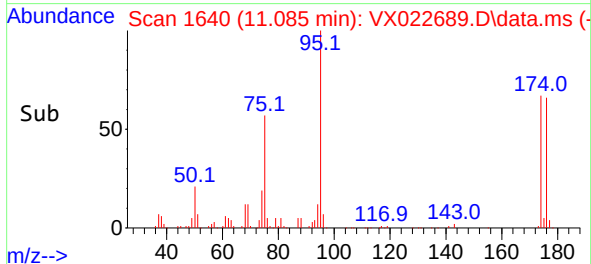
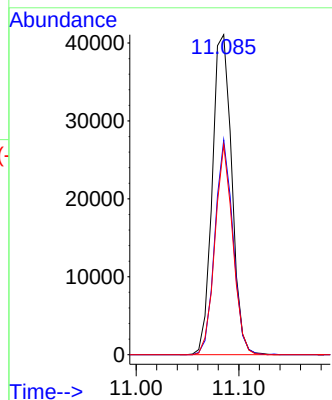
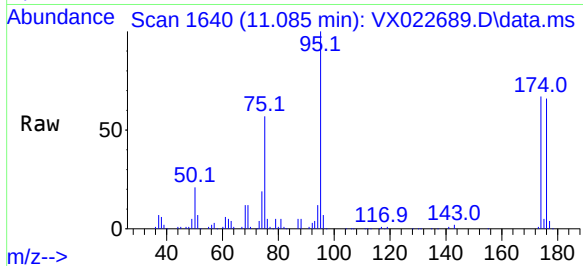




#62
4-Bromofluorobenzene
Concen: 44.982 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

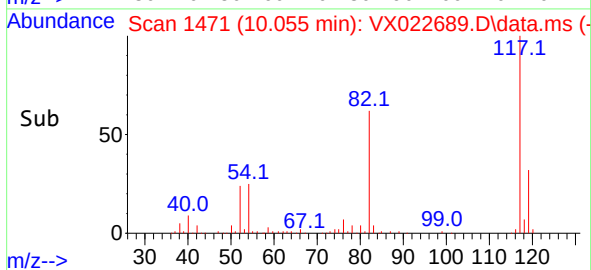
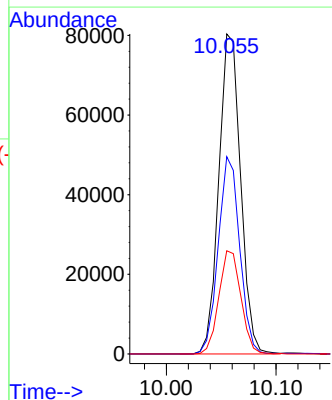
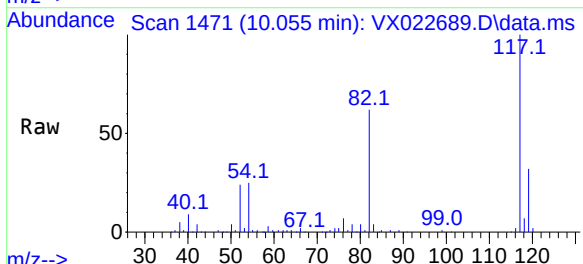
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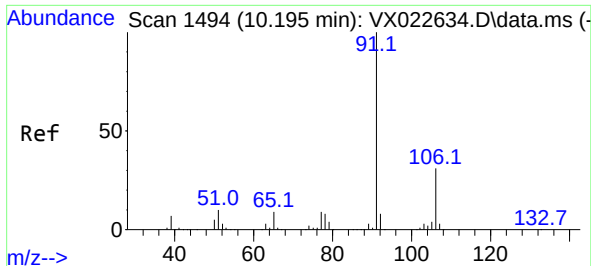
Tgt Ion: 95 Resp: 53988
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 60.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 117 Resp: 111280
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.3 26.6 39.8

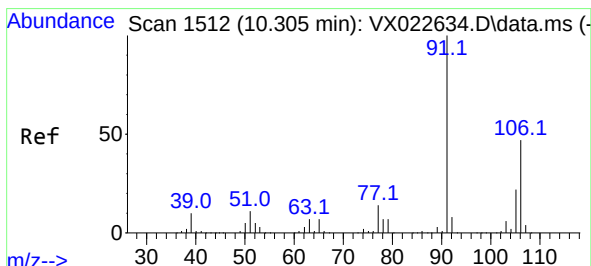
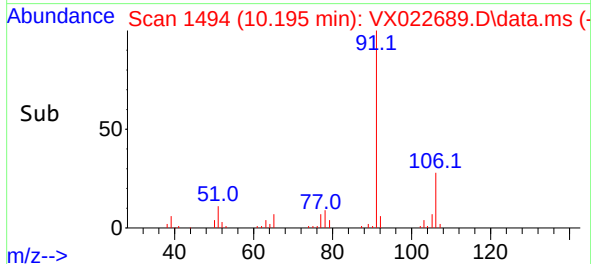
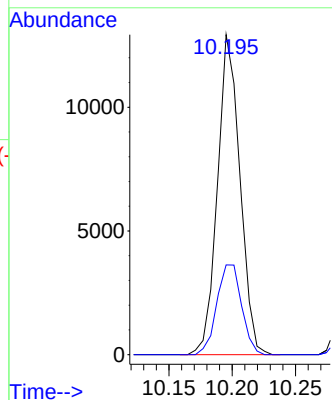
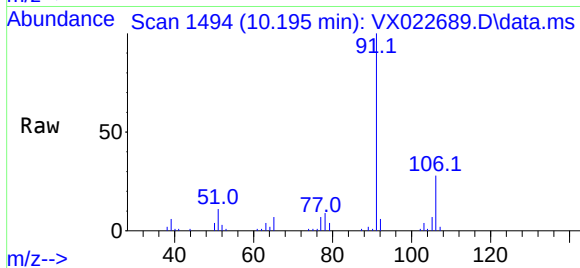




#67
Ethyl Benzene
Concen: 3.734 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

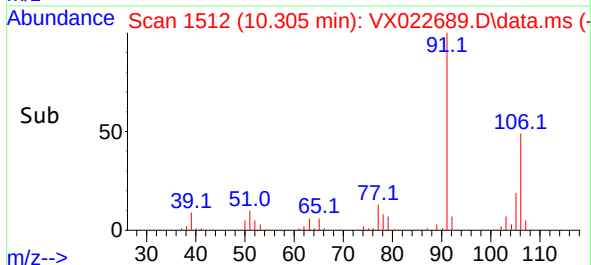
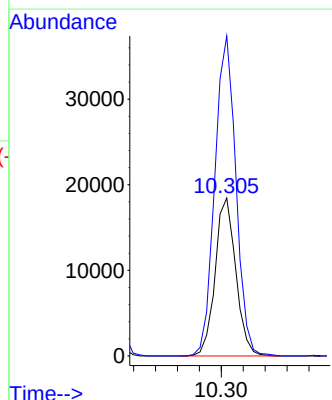
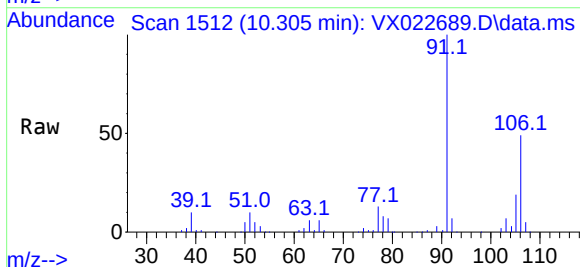
Instrument :
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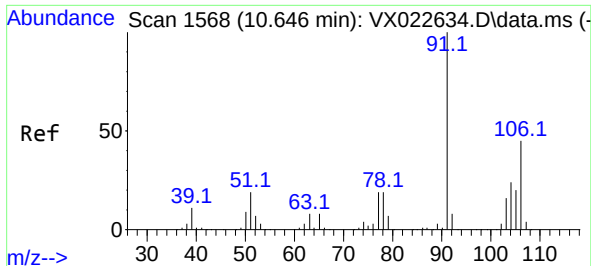
Tgt Ion: 91 Resp: 15942
Ion Ratio Lower Upper
91 100
106 28.0 24.6 37.0



#68
m/p-Xylenes
Concen: 15.617 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 106 Resp: 24152
Ion Ratio Lower Upper
106 100
91 207.4 162.8 244.2

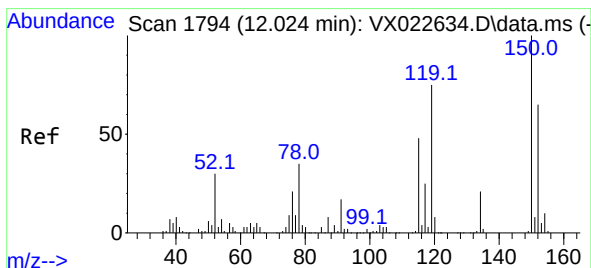
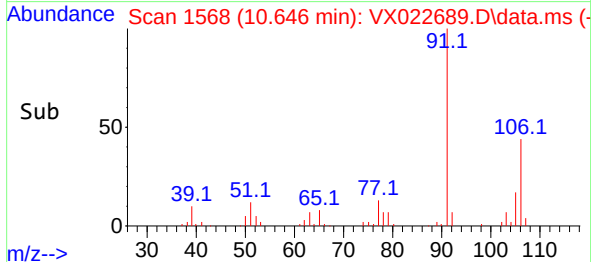
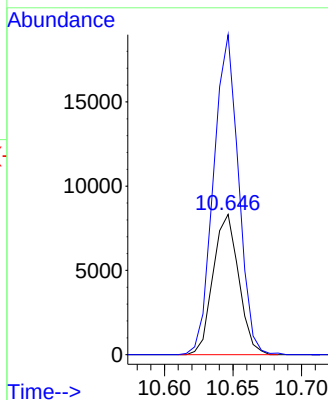
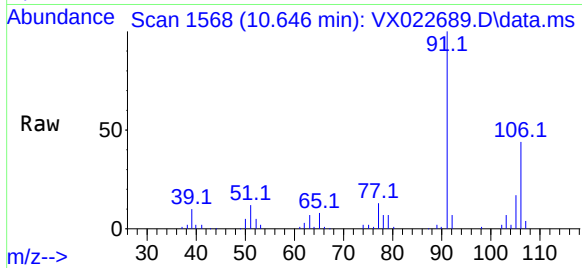




#69
o-Xylene
Concen: 7.227 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

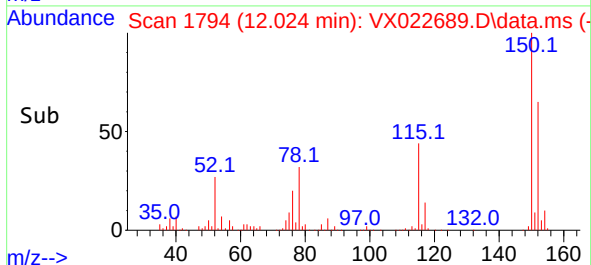
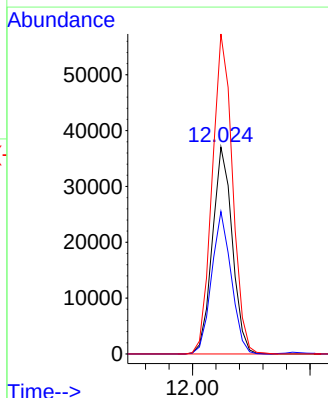
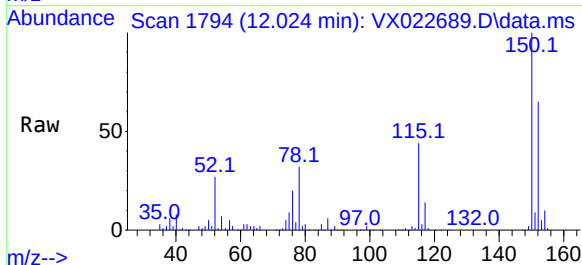
Instrument :
MSVOA_X
ClientSampled :
MW-1

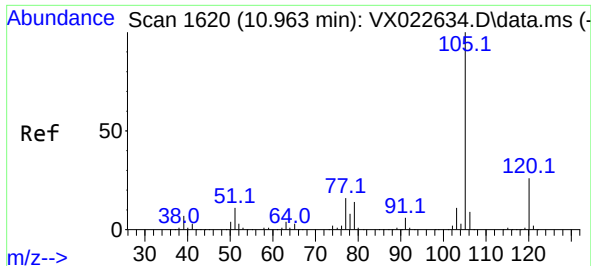
Tgt Ion:106 Resp: 10829
Ion Ratio Lower Upper
106 100
91 222.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion:152 Resp: 43640
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 157.9 0.0 349.0

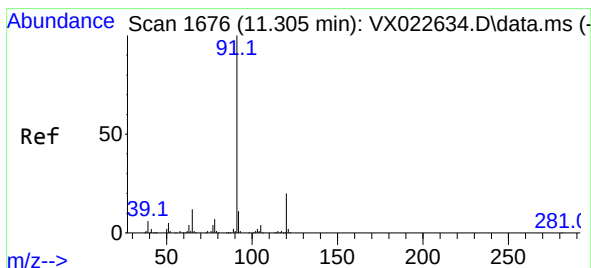
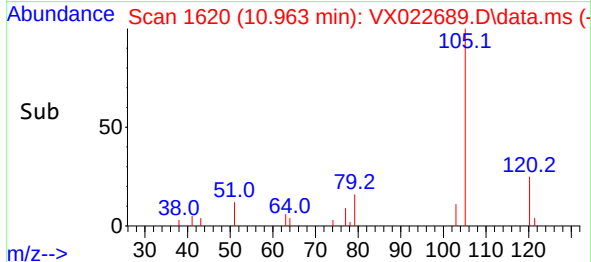
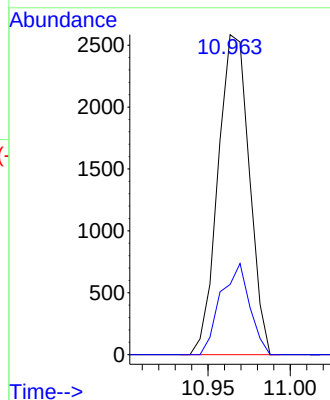
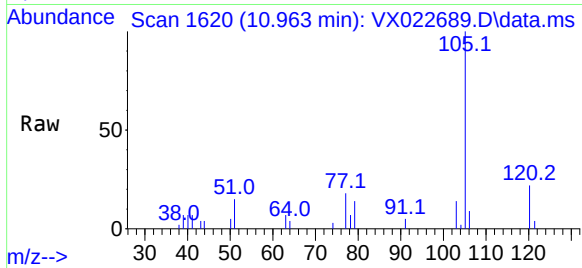




#73
Isopropylbenzene
Concen: 0.954 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

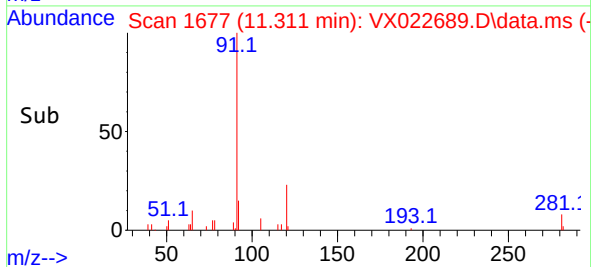
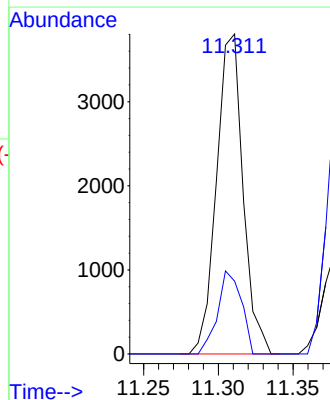
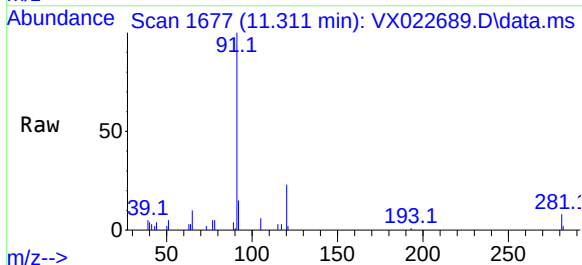
Instrument :
MSVOA_X
ClientSampled :
MW-1

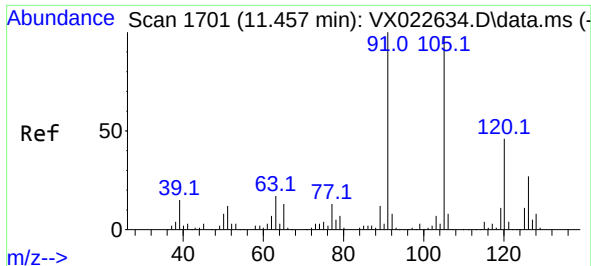
Tgt Ion:105 Resp: 3418
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#78
n-propylbenzene
Concen: 1.085 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion: 91 Resp: 4694
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5

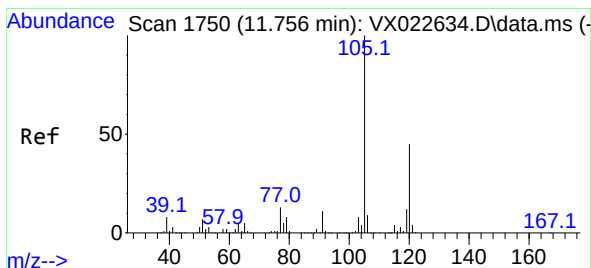
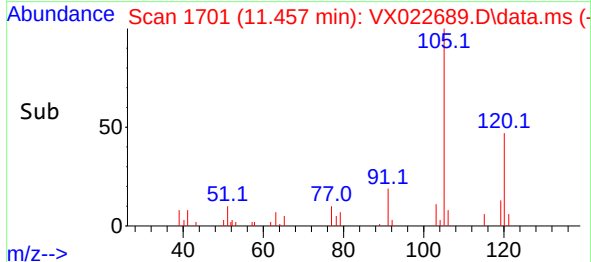
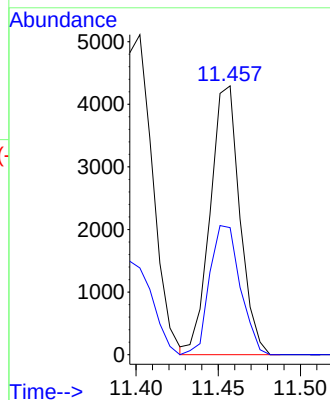
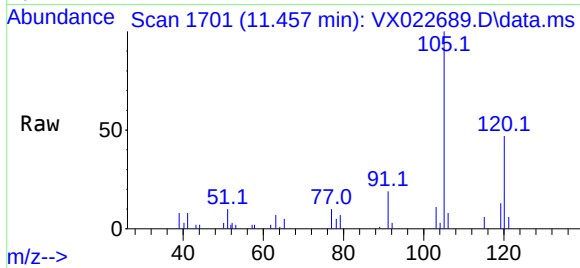




#80
1,3,5-Trimethylbenzene
Concen: 1.805 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

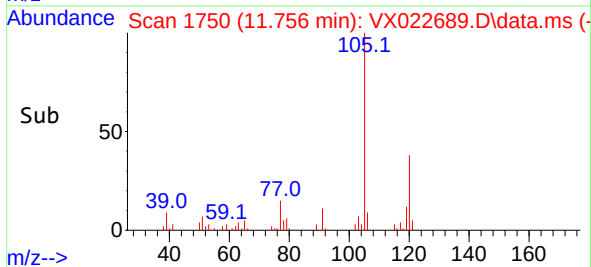
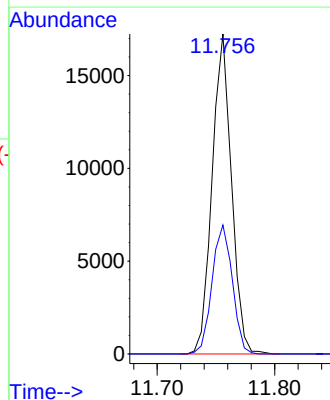
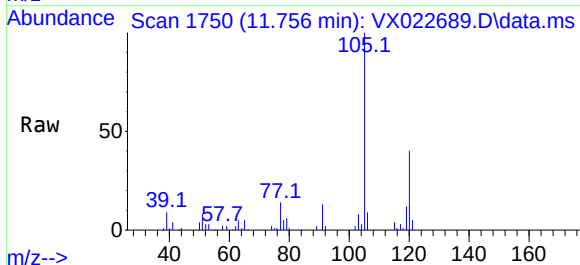
Instrument :
MSVOA_X
ClientSampled :
MW-1

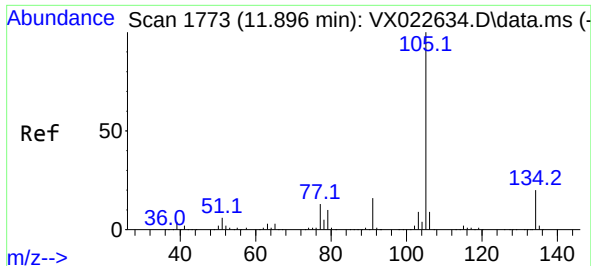
Tgt Ion:105 Resp: 5389
Ion Ratio Lower Upper
105 100
120 49.7 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 6.528 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion:105 Resp: 19765
Ion Ratio Lower Upper
105 100
120 42.1 22.4 67.3

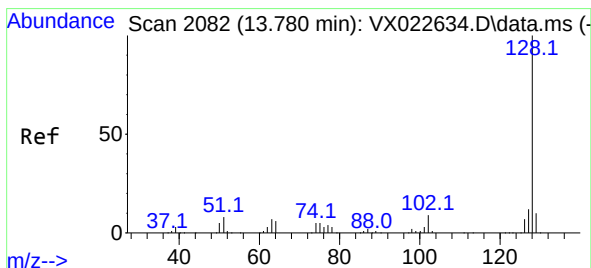
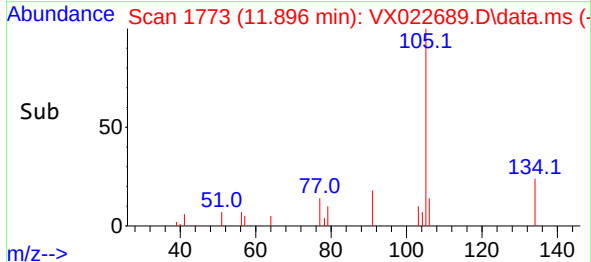
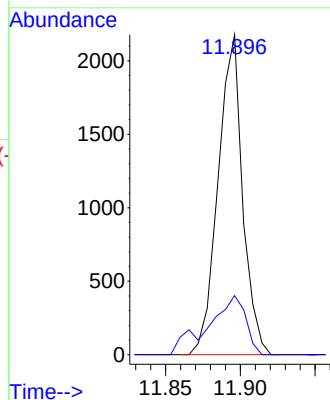
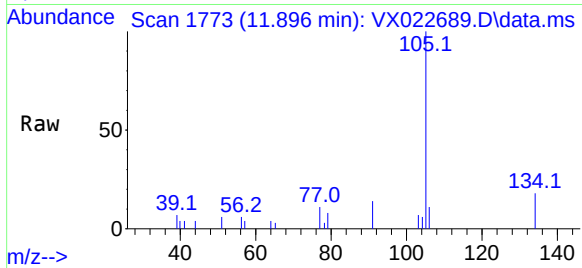




#85
sec-Butylbenzene
Concen: 0.677 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion:105 Resp: 2479
Ion Ratio Lower Upper
105 100
134 28.3 10.0 29.8



#95
Naphthalene
Concen: 2.693 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022689.D
Acq: 14 Jun 2021 13:06

Tgt Ion:128 Resp: 4657
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.6 8.8 13.2

