

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021993.D
 Acq On : 14 May 2021 14:18
 Operator : JC/MD
 Sample : M2383-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-01

Quant Time: May 15 01:04:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

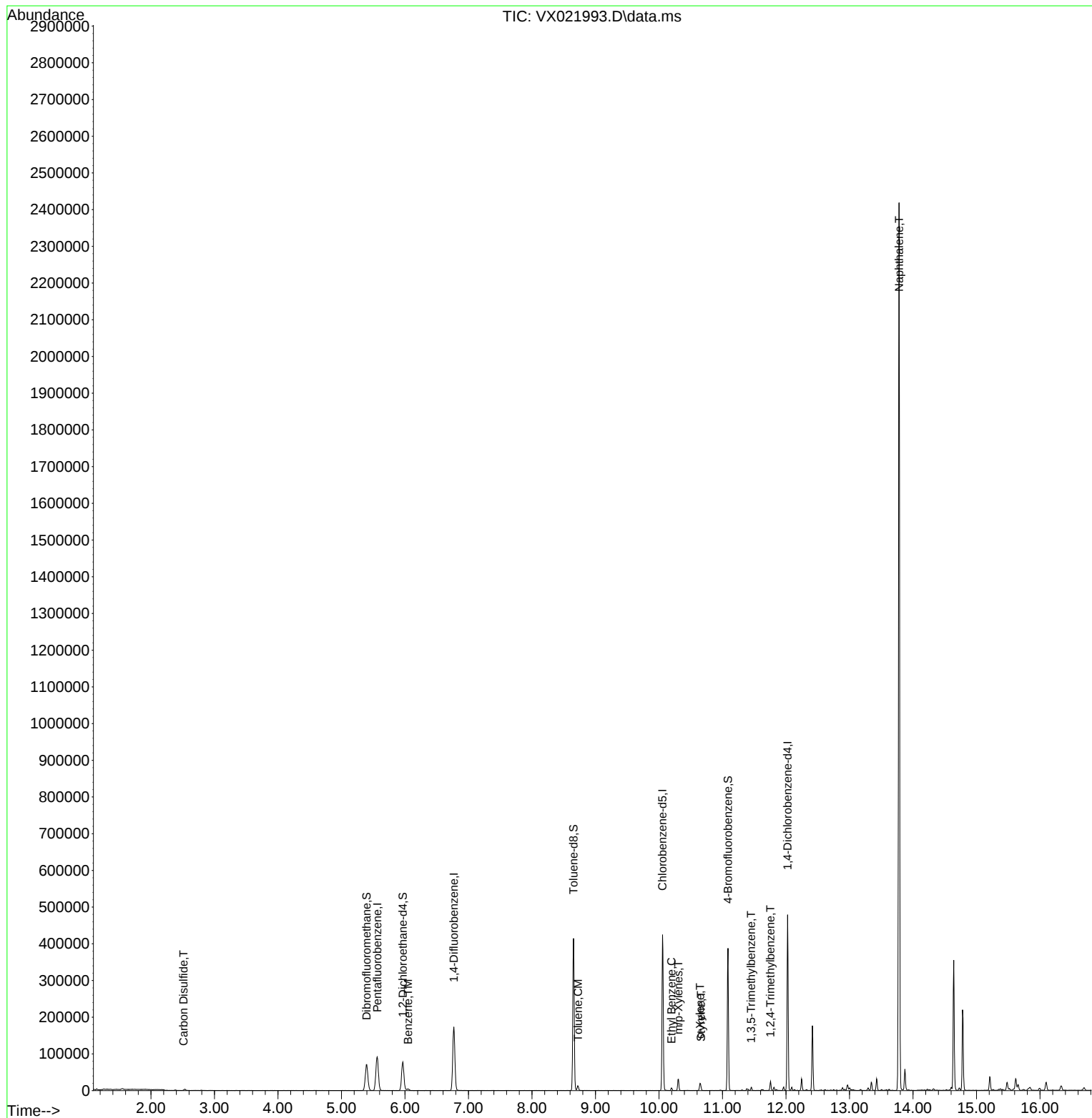
Internal Standards						
1) Pentafluorobenzene	5.562	168	81537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69722	51.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.92%
35) Dibromofluoromethane	5.398	113	60634	50.00	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.00%
50) Toluene-d8	8.653	98	240016	51.87	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.74%
62) 4-Bromofluorobenzene	11.086	95	106112	58.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.20%
Target Compounds						
17) Carbon Disulfide	2.514	76	1096	0.36	ug/l	Qvalue # 91
40) Benzene	6.050	78	4640	0.82	ug/l	# 85
52) Toluene	8.726	92	4894	1.36	ug/l	96
67) Ethyl Benzene	10.195	91	4190	0.52	ug/l	95
68) m/p-Xylenes	10.305	106	7548	2.47	ug/l	97
69) o-Xylene	10.647	106	3968	1.30	ug/l	92
70) Styrene	10.659	104	3190	0.63	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	3907	0.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	9930	1.48	ug/l	99
95) Naphthalene	13.780	128	1398934	180.86	ug/l	100

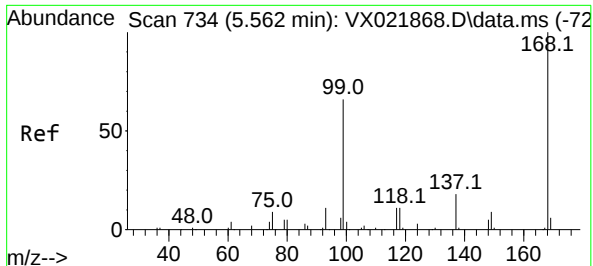
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
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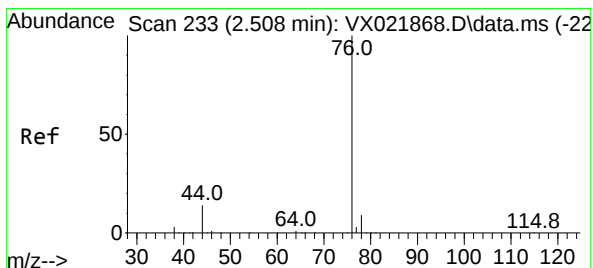
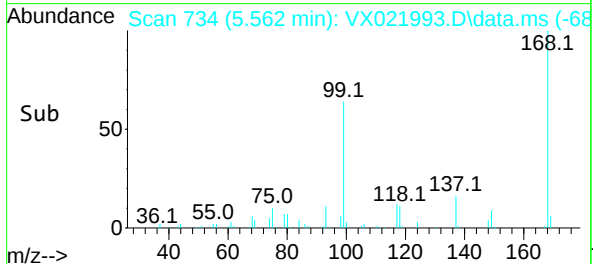
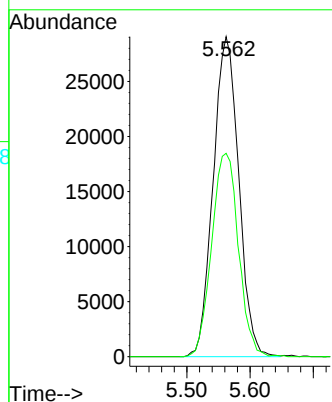
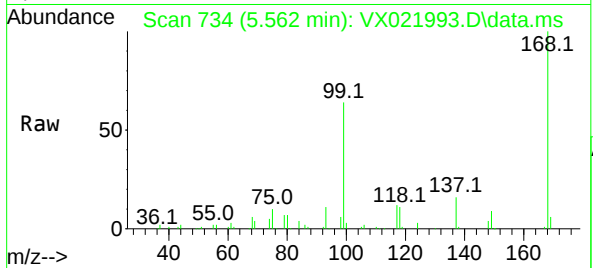




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

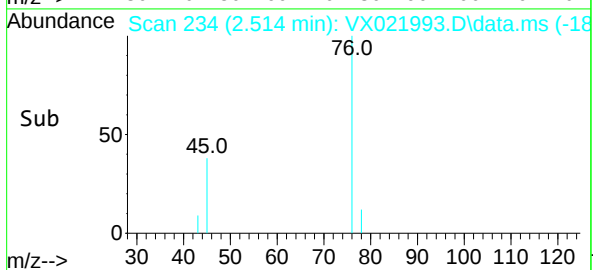
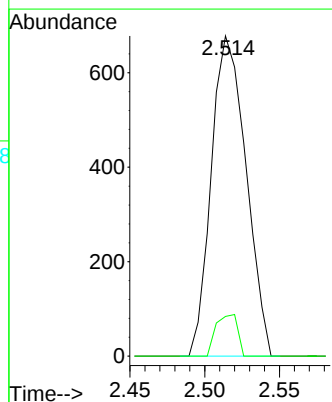
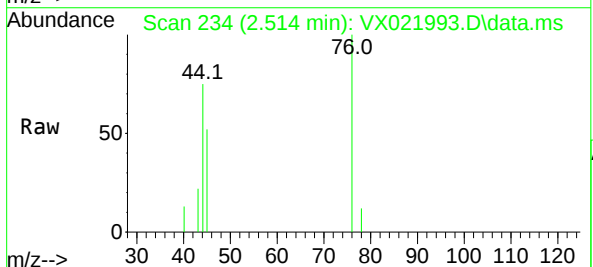
Instrument :
MSVOA_X
ClientSampled :
KTW-01

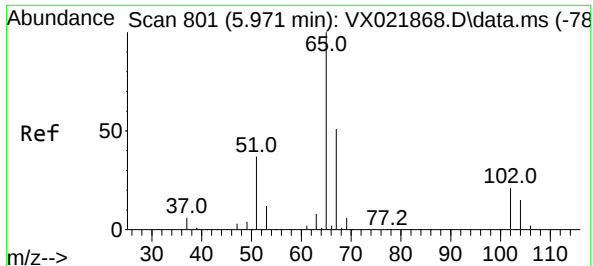
Tgt Ion:168 Resp: 81537
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 76 Resp: 1096
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#





#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

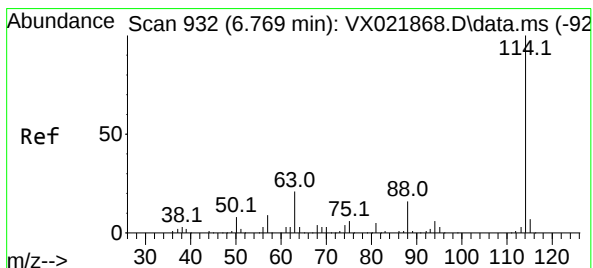
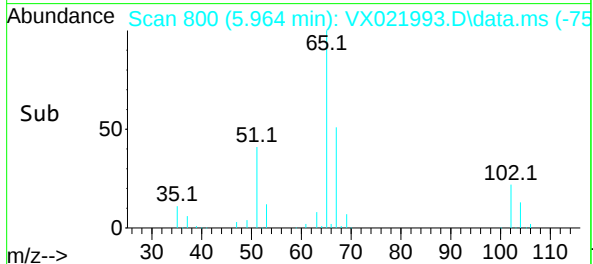
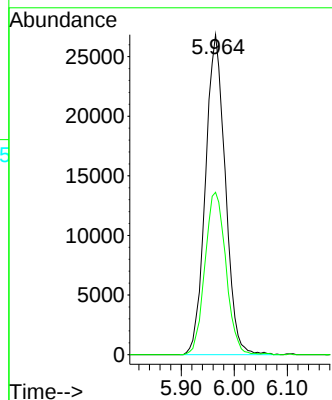
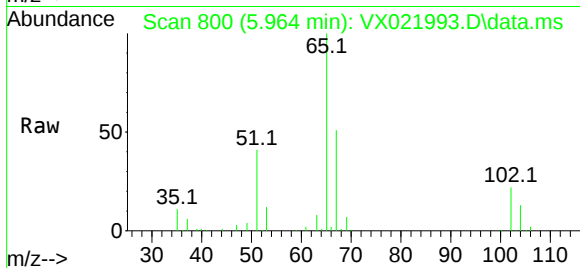
Lab File: VX021993.D

Acq: 14 May 2021 14:18

Tgt Ion: 65 Resp: 69722

Ion Ratio Lower Upper

65	100		
67	53.6	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

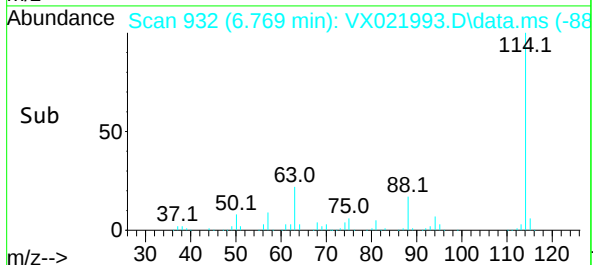
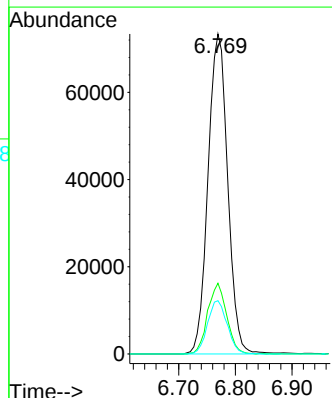
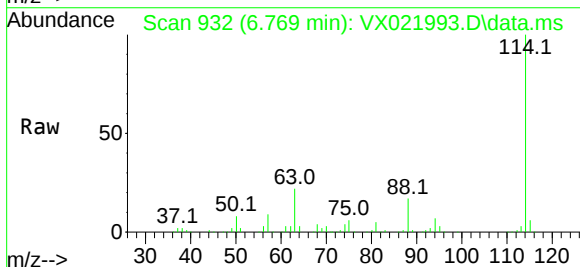
Lab File: VX021993.D

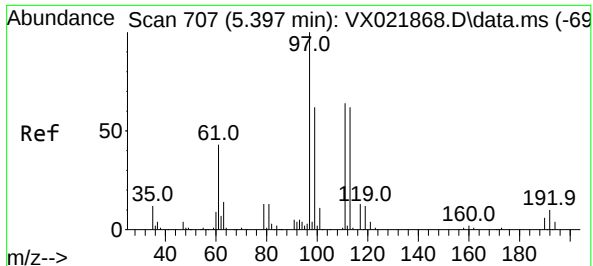
Acq: 14 May 2021 14:18

Tgt Ion: 114 Resp: 176943

Ion Ratio Lower Upper

114	100		
63	22.1	0.0	40.8
88	16.7	0.0	32.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.398 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX021993.D

Acq: 14 May 2021 14:18

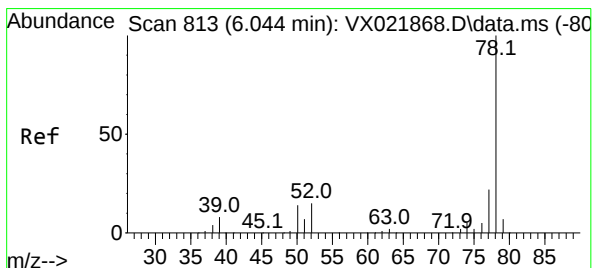
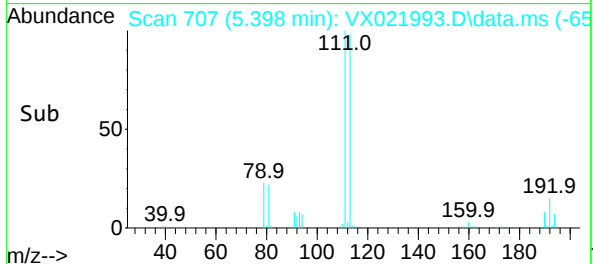
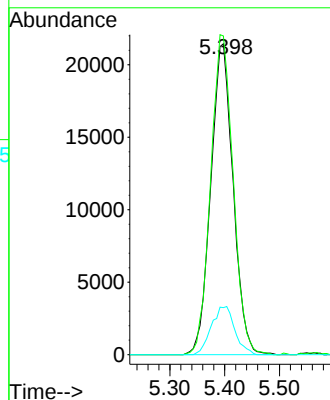
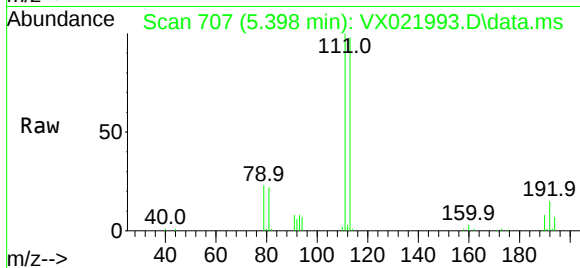
Tgt Ion:113 Resp: 60634

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 16.3 16.7 25.1#



#40

Benzene

Concen: 0.82 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX021993.D

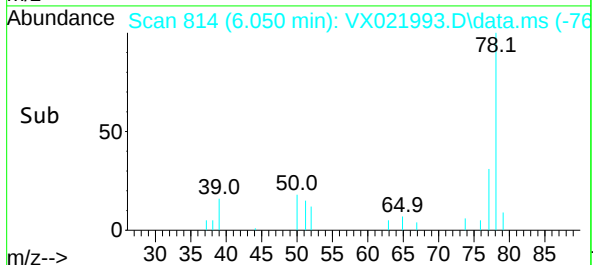
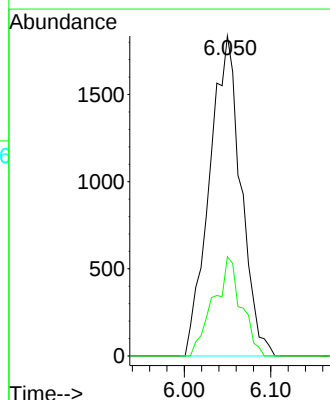
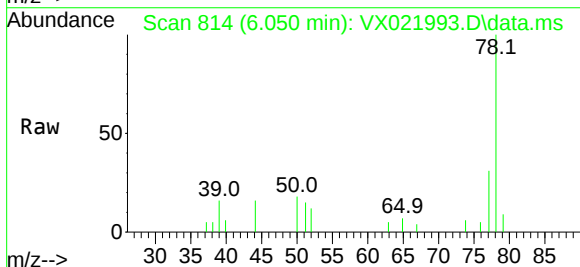
Acq: 14 May 2021 14:18

Tgt Ion: 78 Resp: 4640

Ion Ratio Lower Upper

78 100

77 31.0 18.9 28.3#

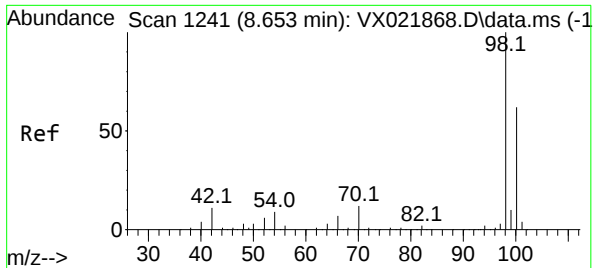


Instrument :

MSVOA_X

ClientSampleId :

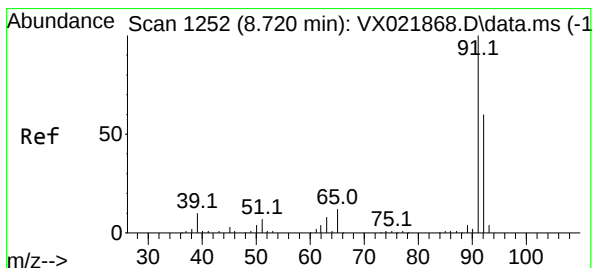
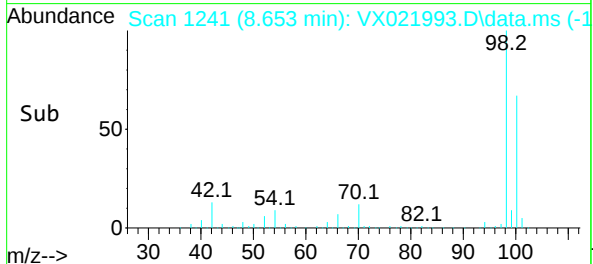
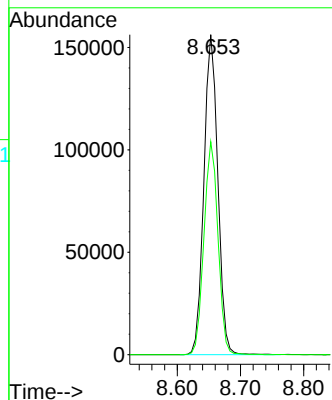
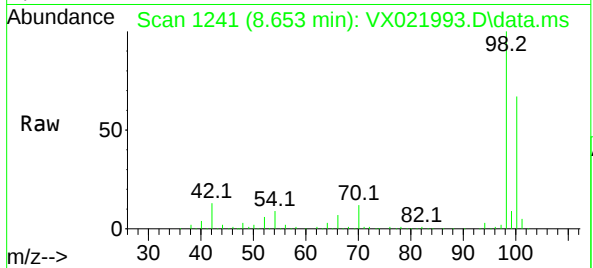
KTW-01



#50
Toluene-d8
Concen: 51.87 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

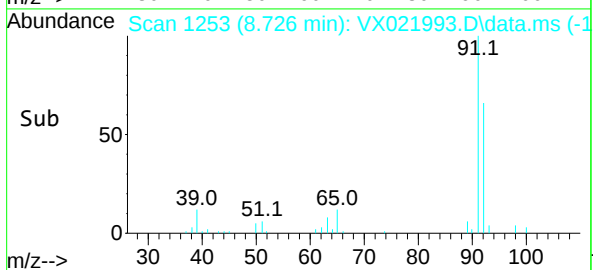
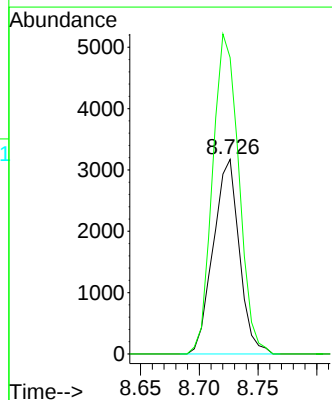
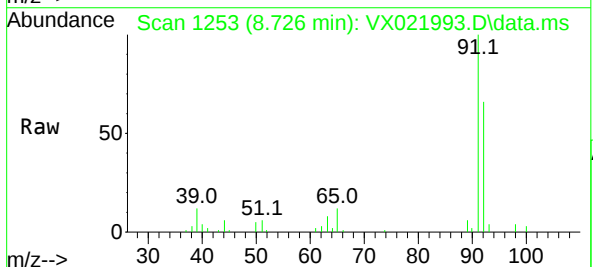
Instrument :
MSVOA_X
ClientSampleId :
KTW-01

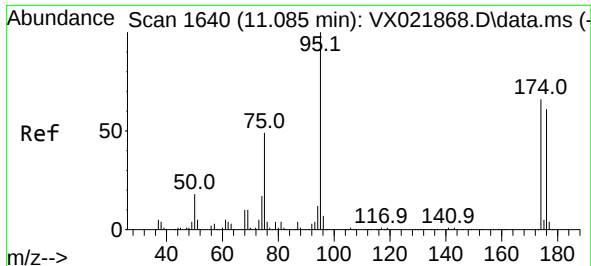
Tgt Ion: 98 Resp: 240016
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#52
Toluene
Concen: 1.36 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 92 Resp: 4894
Ion Ratio Lower Upper
92 100
91 165.5 137.1 205.7

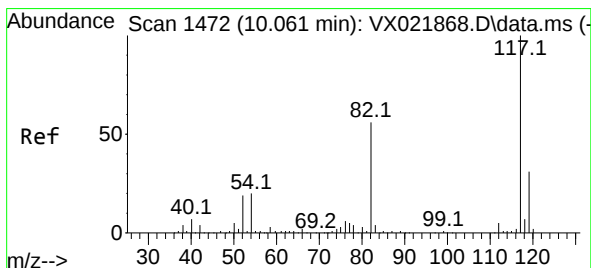
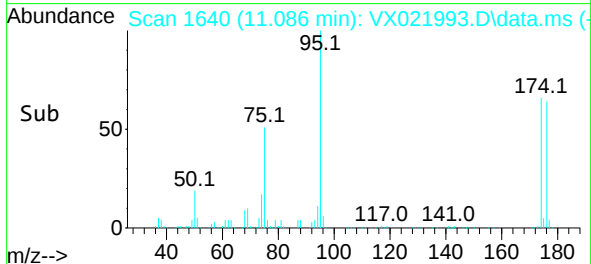
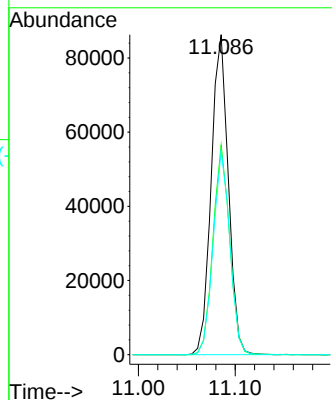
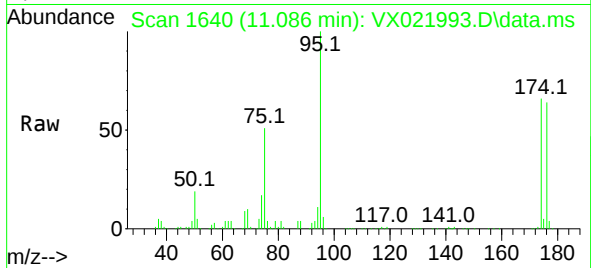




#62
4-Bromofluorobenzene
Concen: 58.10 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

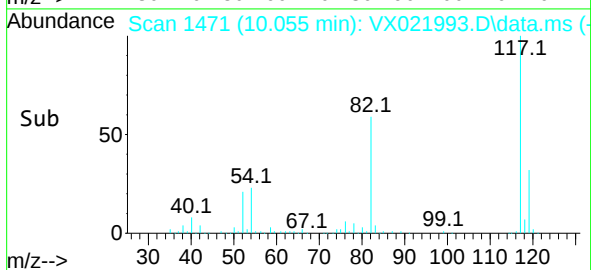
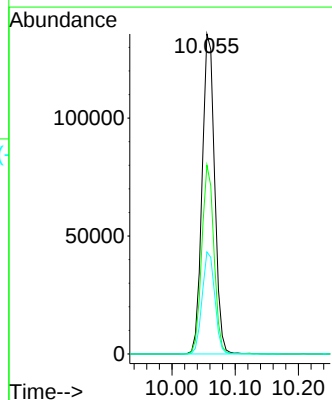
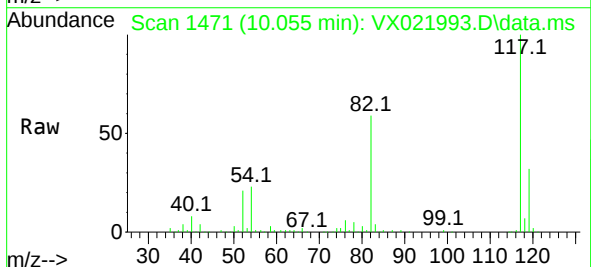
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ClientSampleId :
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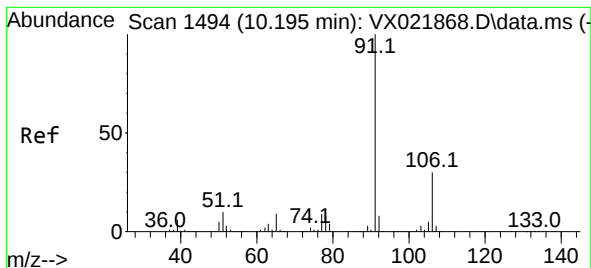
Tgt Ion: 95 Resp: 106112
Ion Ratio Lower Upper
95 100
174 63.8 0.0 154.6
176 62.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 117 Resp: 186895
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.9 26.6 39.8

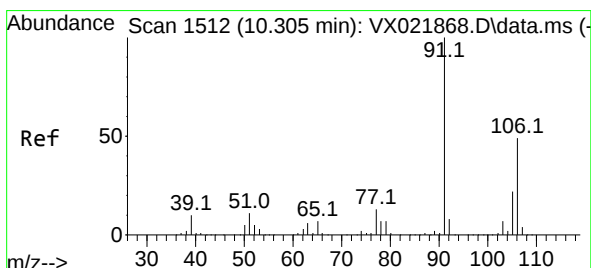
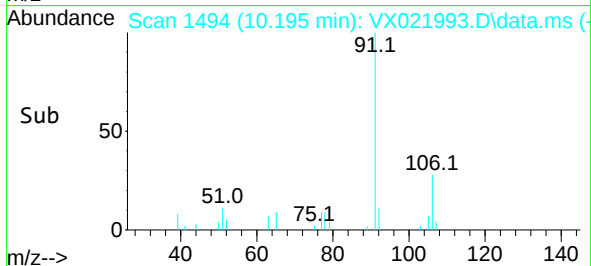
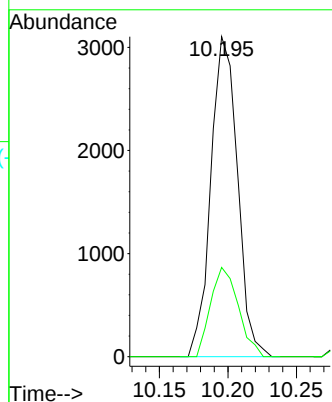
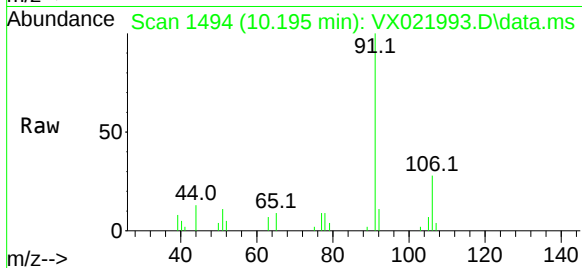




#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

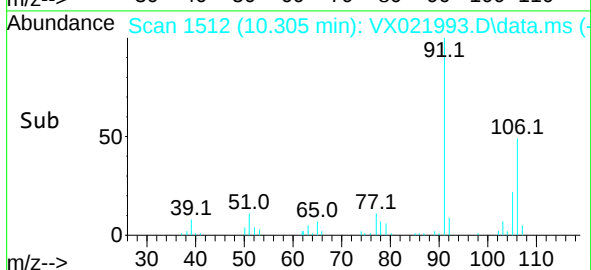
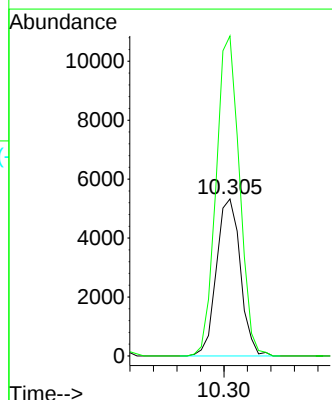
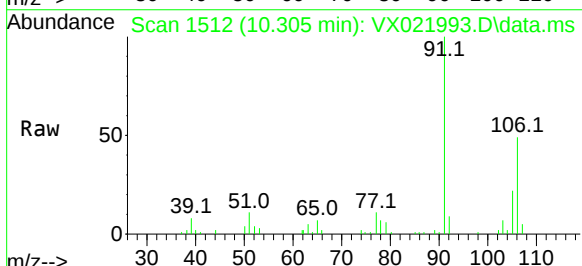
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ClientSampled :
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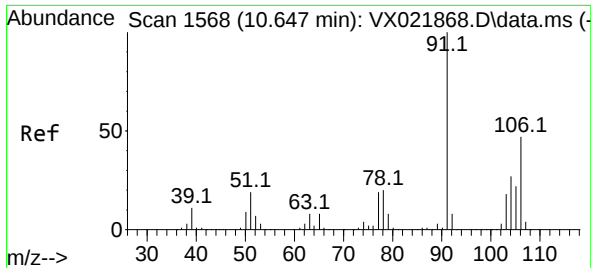
Tgt Ion: 91 Resp: 4190
Ion Ratio Lower Upper
91 100
106 27.9 24.6 37.0



#68
m/p-Xylenes
Concen: 2.47 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 106 Resp: 7548
Ion Ratio Lower Upper
106 100
91 199.2 162.8 244.2

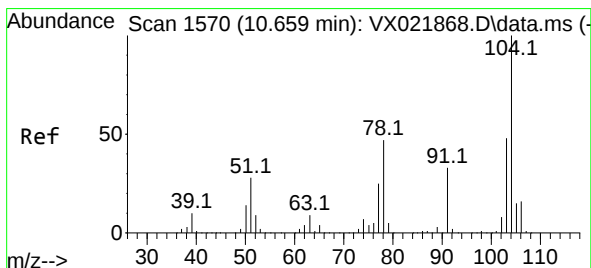
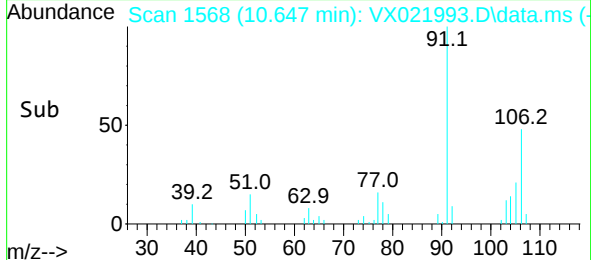
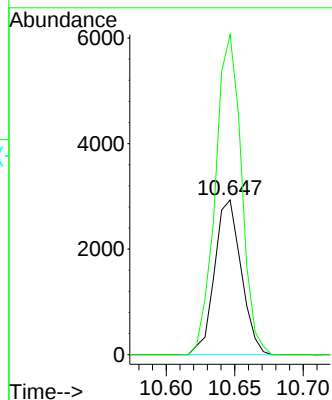
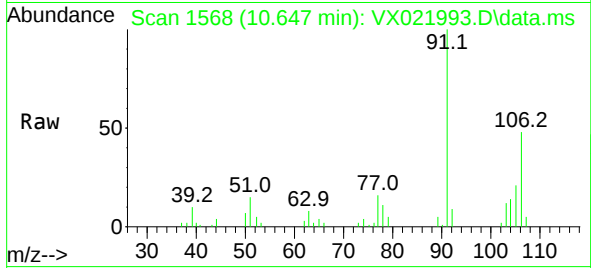




#69
o-Xylene
Concen: 1.30 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

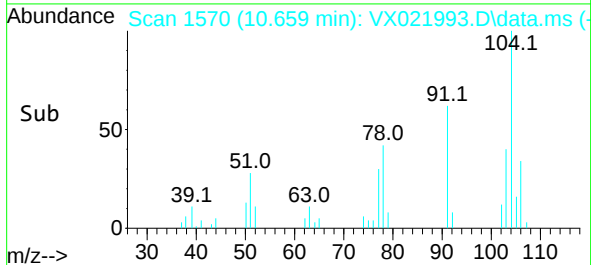
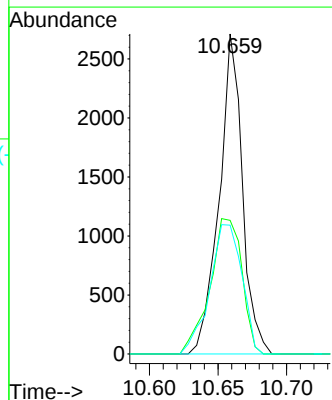
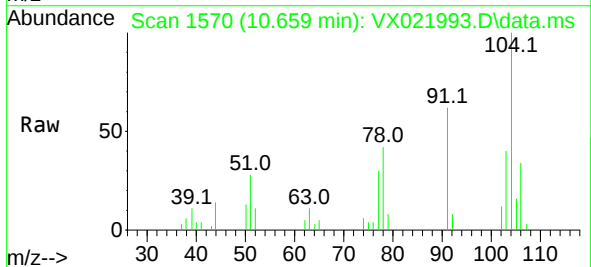
Instrument :
MSVOA_X
ClientSampled :
KTW-01

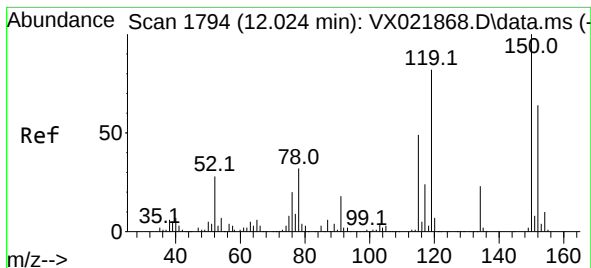
Tgt Ion:106 Resp: 3968
Ion Ratio Lower Upper
106 100
91 202.7 108.1 324.2



#70
Styrene
Concen: 0.63 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:104 Resp: 3190
Ion Ratio Lower Upper
104 100
78 58.4 40.0 60.0
103 56.2 43.4 65.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX021993.D

Acq: 14 May 2021 14:18

Tgt Ion:152 Resp: 86290

Ion Ratio Lower Upper

152 100

115 68.2 41.1 123.3

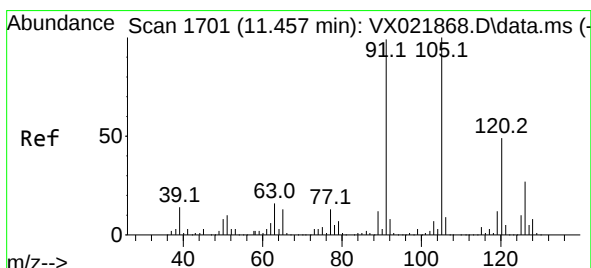
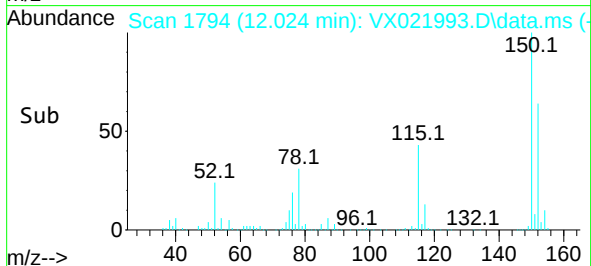
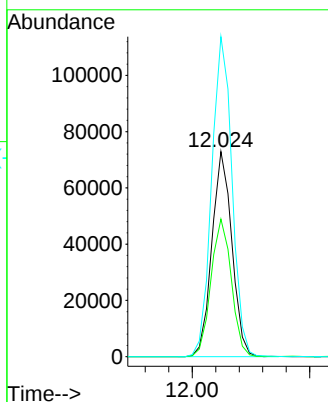
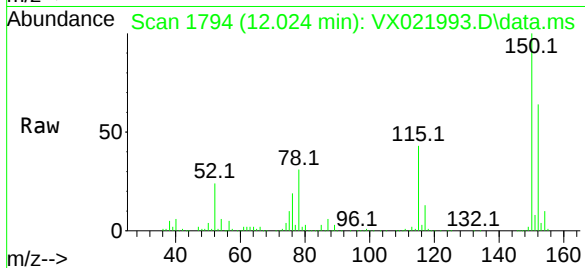
150 158.6 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

KTW-01



#80

1,3,5-Trimethylbenzene

Concen: 0.58 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX021993.D

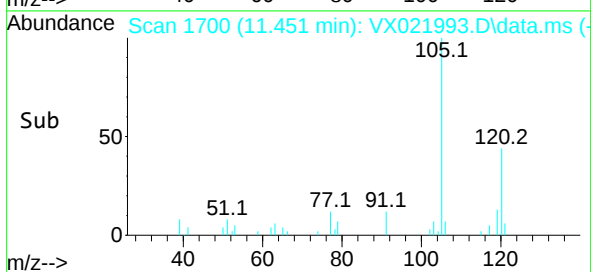
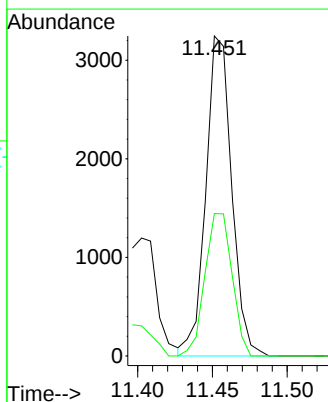
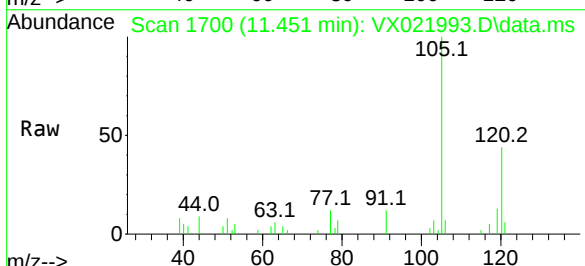
Acq: 14 May 2021 14:18

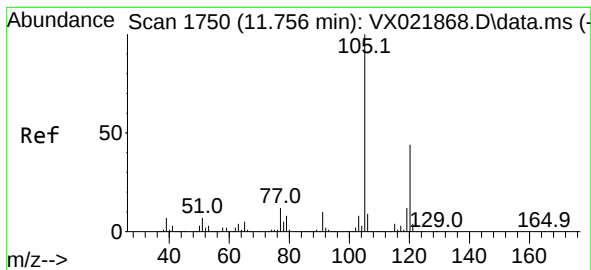
Tgt Ion:105 Resp: 3907

Ion Ratio Lower Upper

105 100

120 46.6 23.8 71.5

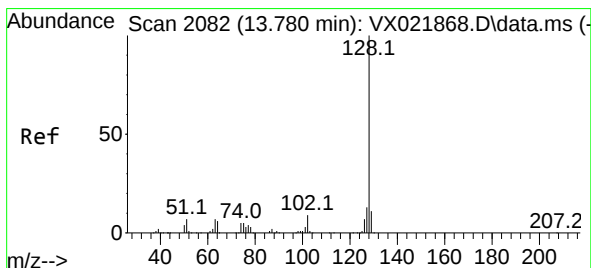
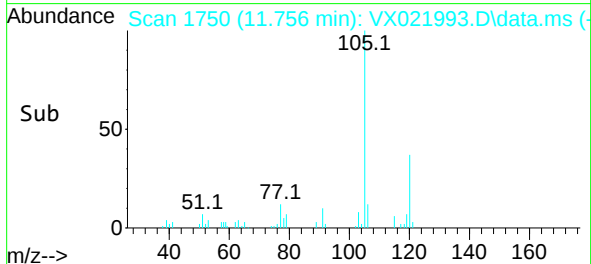
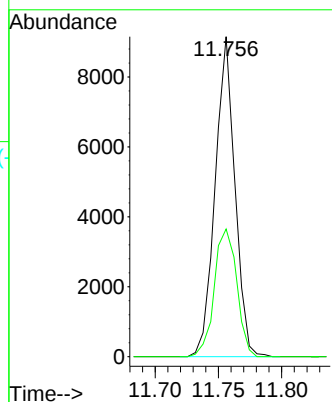
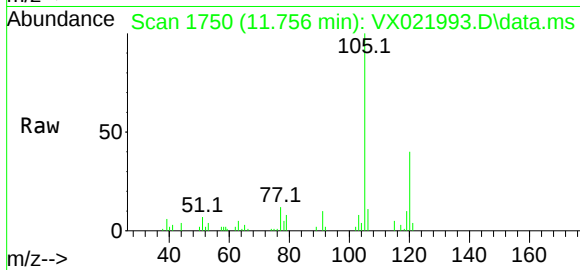




#84
1,2,4-Trimethylbenzene
Concen: 1.48 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Instrument :
MSVOA_X
ClientSampled :
KTW-01

Tgt Ion:105 Resp: 9930
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3



#95
Naphthalene
Concen: 180.86 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:128 Resp: 1398934
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

