

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034341.D
 Acq On : 06 Sep 2019 19:17
 Operator : JC/SP
 Sample : K4689-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1A

Quant Time: Sep 07 04:29:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	292764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	444158	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	442529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	297812	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	227689	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	4.86	113	201337	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	7.55	98	763916	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	10.29	95	283104	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

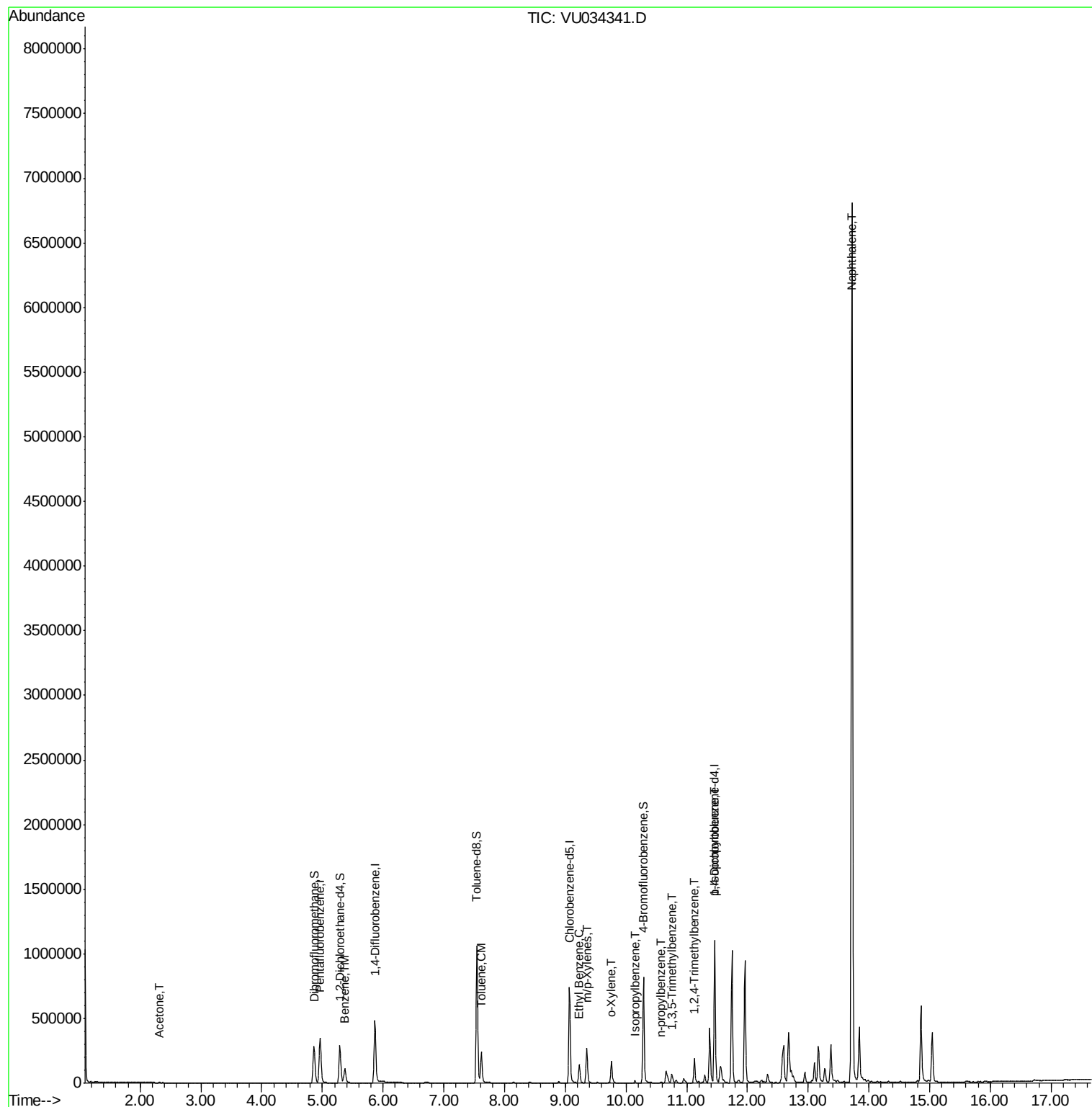
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.31	43	4951	2.160	ug/l	95
40) Benzene	5.37	78	123197	7.926	ug/l	99
52) Toluene	7.62	92	107348	11.010	ug/l	99
67) Ethyl Benzene	9.23	91	109368	5.958	ug/l	98
68) m/p-Xylenes	9.36	106	84982	12.294	ug/l	93
69) o-Xylene	9.76	106	47118	6.970	ug/l	99
73) Isopropylbenzene	10.15	105	11360	0.586	ug/l	97
78) n-propylbenzene	10.57	91	7660	0.342	ug/l	94
80) 1,3,5-Trimethylbenzene	10.75	105	29822	1.840	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	104202	6.386	ug/l	97
86) p-Isopropyltoluene	11.46	119	34958	1.979	ug/l	95
95) Naphthalene	13.72	128	5418450	255.302	ug/l	99

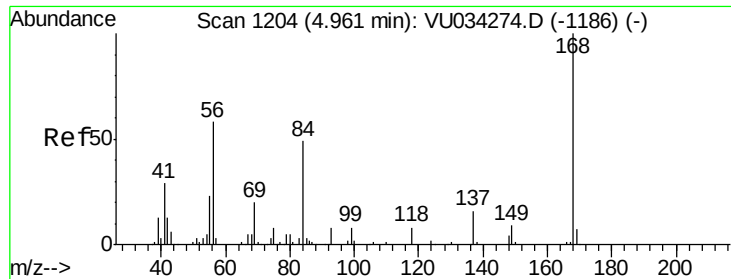
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034341.D

Acq: 06 Sep 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

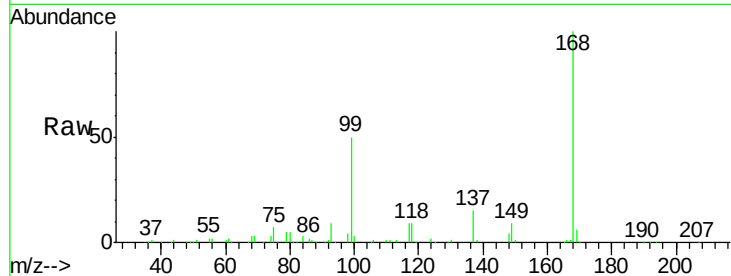
MW-1A

Tot Ion:168 Resp: 292764

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034341.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034341.D (-1186) (-)

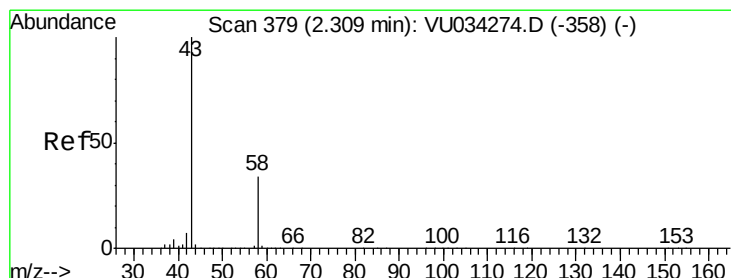
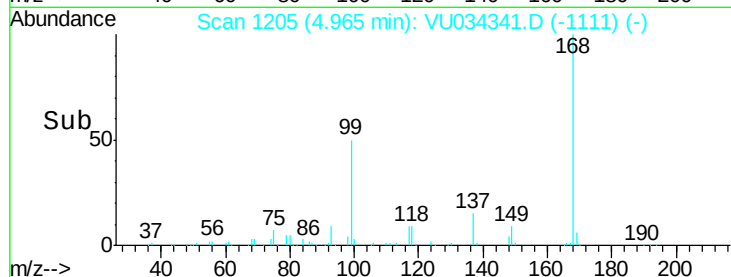
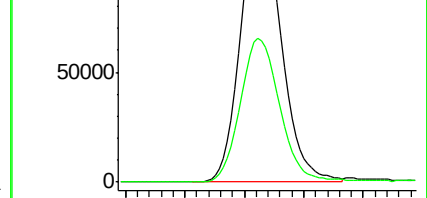
4.96

150000

100000

50000

0



#16

Acetone

Concen: 2.160 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034341.D

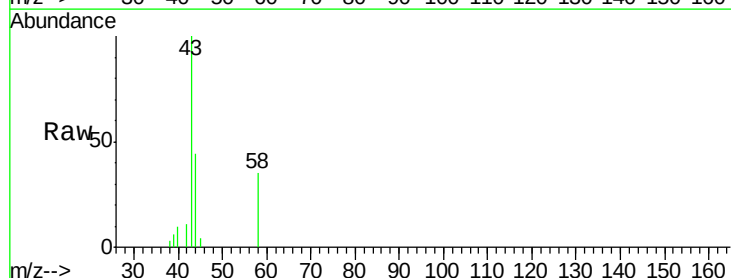
Acq: 06 Sep 2019 19:17

Tgt Ion: 43 Resp: 4951

Ion Ratio Lower Upper

43 100

58 37.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034341.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034341.D (-286) (-)

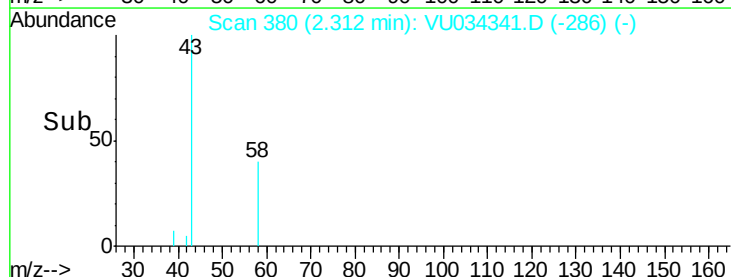
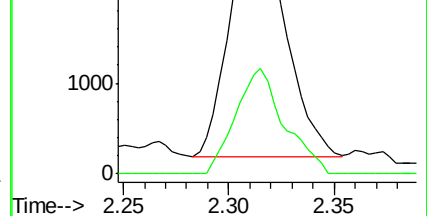
2.31

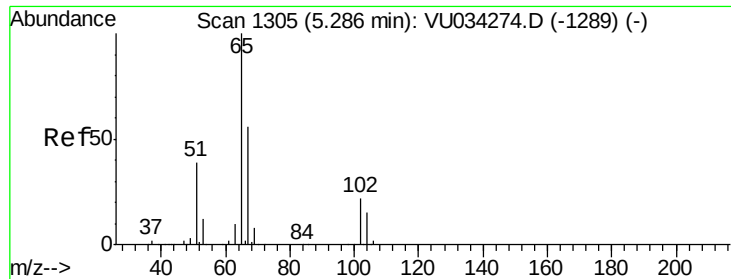
3000

2000

1000

0





#33

1,2-Dichloroethane-d4

Concen: 51.402 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034341.D

Acq: 06 Sep 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

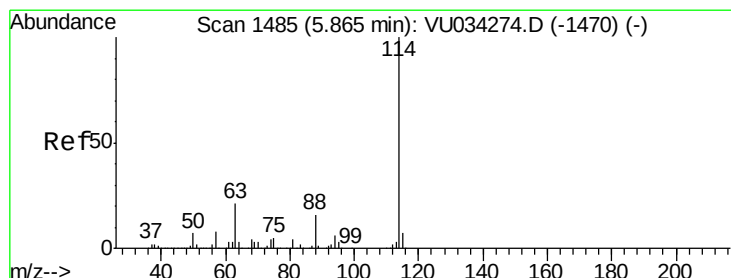
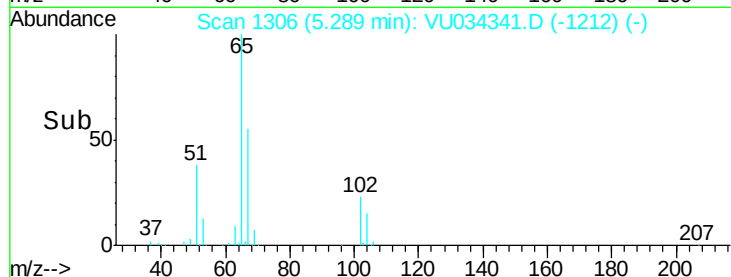
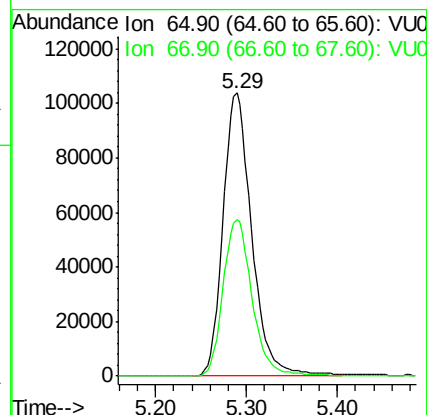
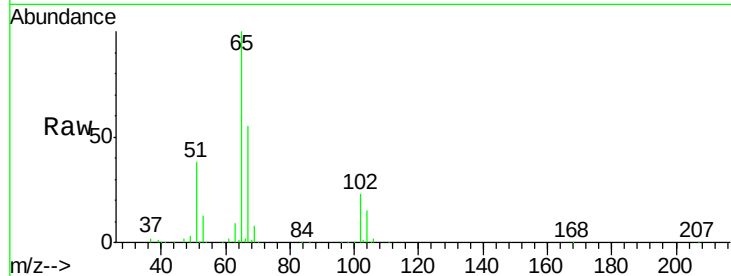
MW-1A

Tot Ion: 65 Resp: 227689

Ion Ratio Lower Upper

65 100

67 55.5 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034341.D

Acq: 06 Sep 2019 19:17

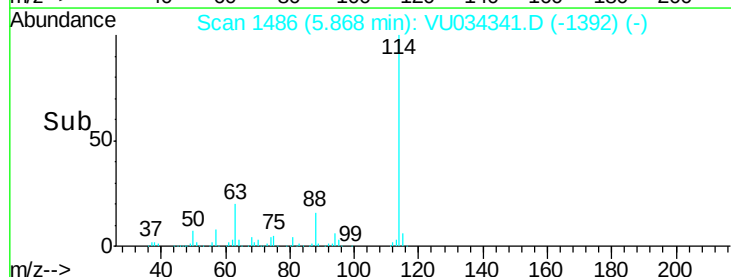
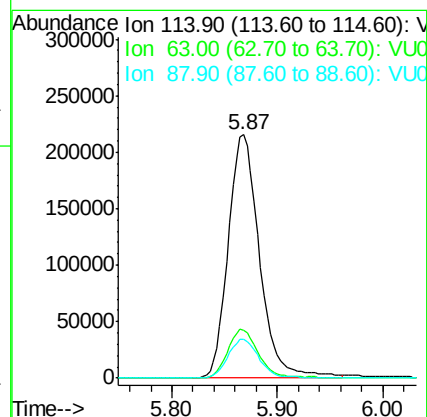
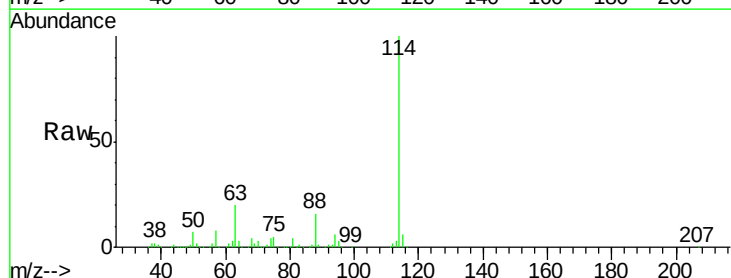
Tgt Ion: 114 Resp: 444158

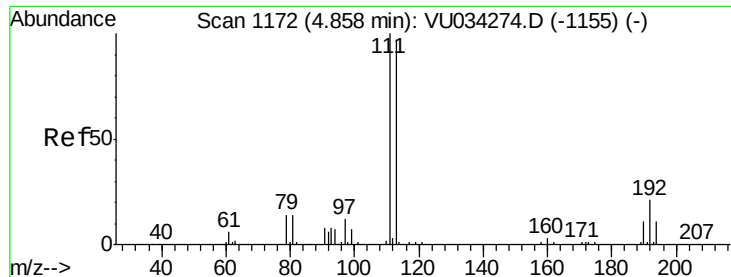
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.0 0.0 32.4

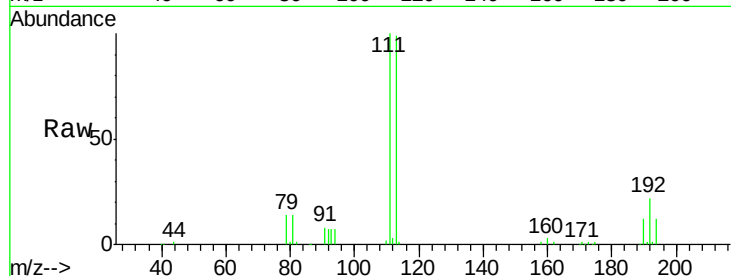




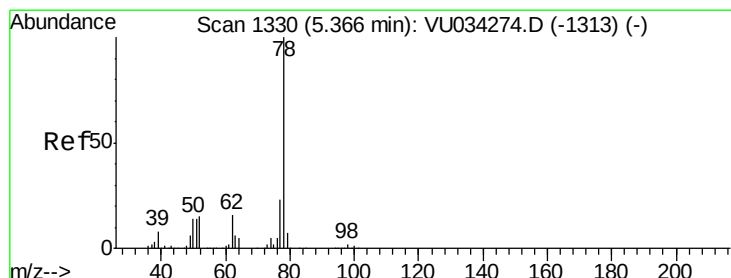
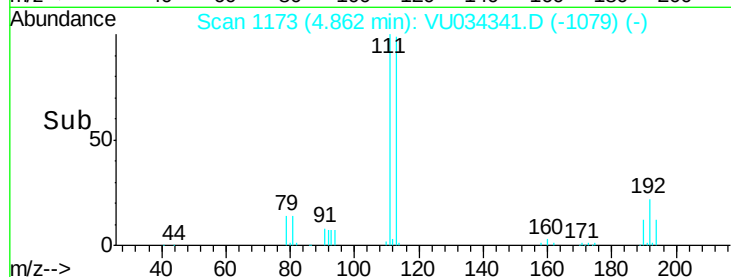
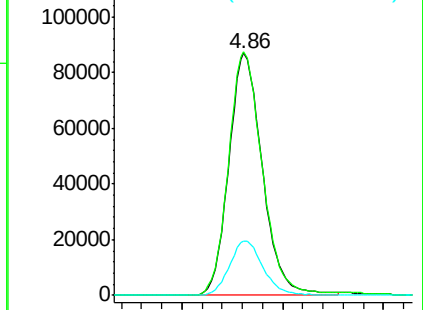
#35
 Dibromofluoromethane
 Concen: 48.716 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1A

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.5	122.3
192	22.4	17.8	26.8

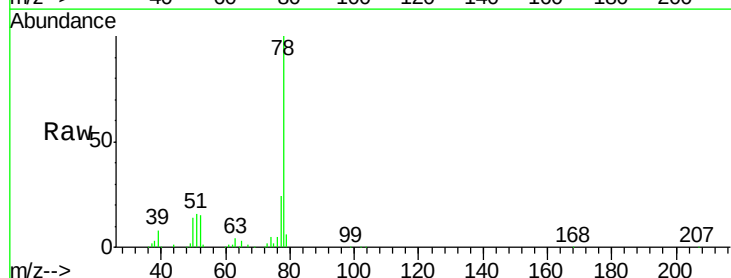


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

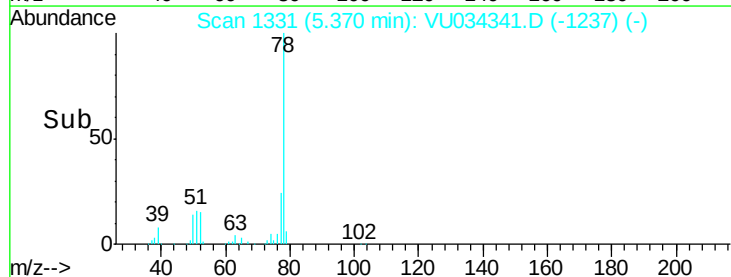
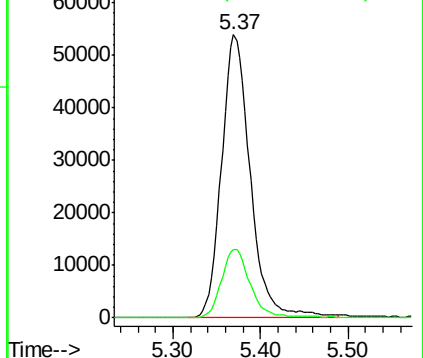


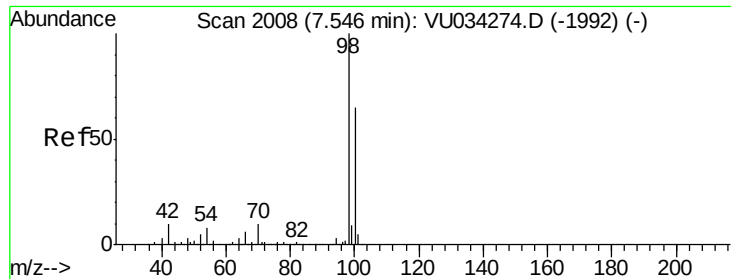
#40
 Benzene
 Concen: 7.926 ug/l
 RT: 5.37 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

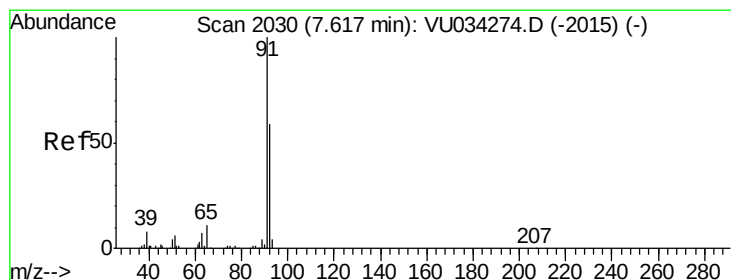
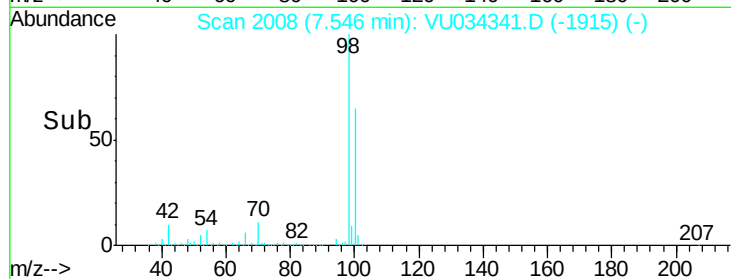
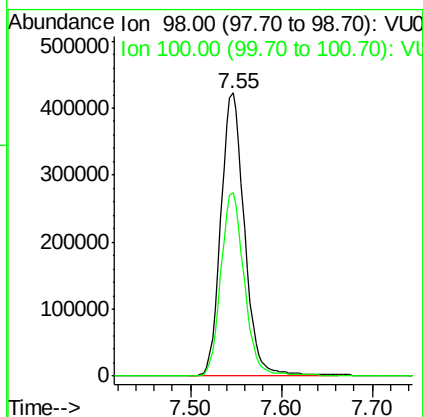
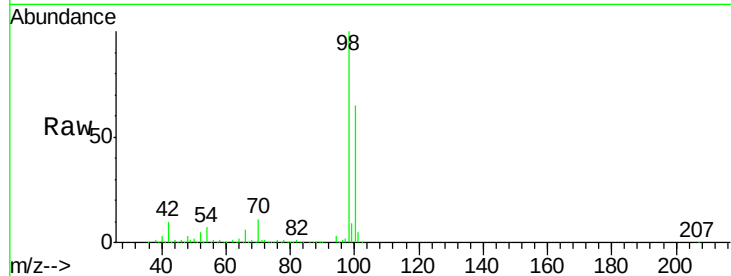




#50
Toluene-d8
Concen: 49.198 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

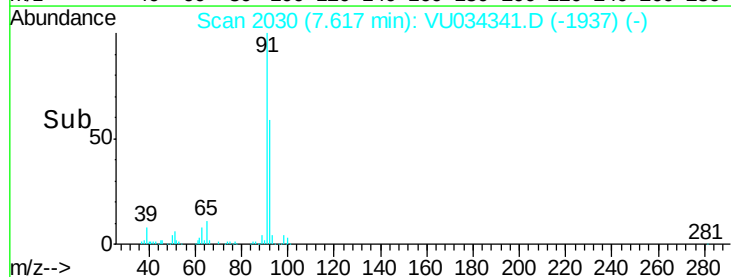
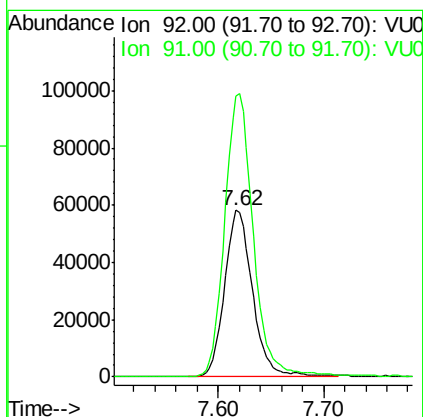
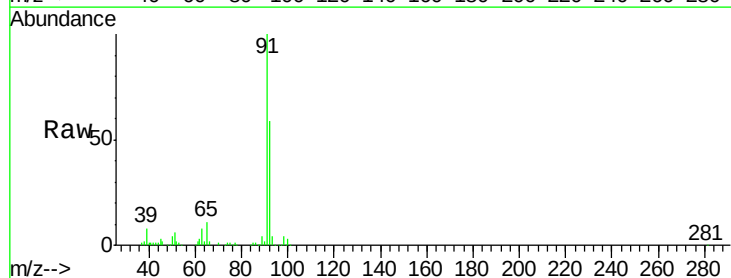
Instrument :
MSVOA_U
ClientSampleId :
MW-1A

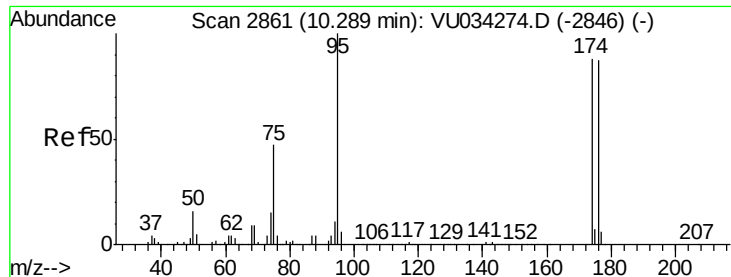
Tot Ion: 98 Resp: 763916
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#52
Toluene
Concen: 11.010 ug/l
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

Tgt Ion: 92 Resp: 107348
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0

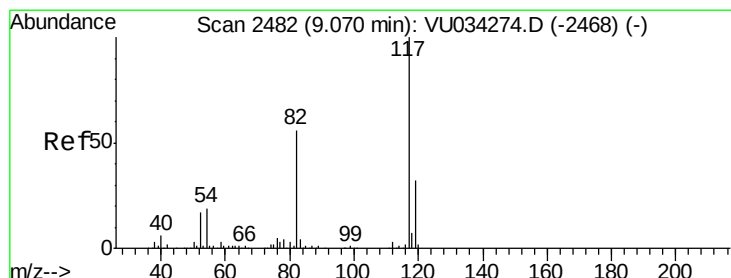
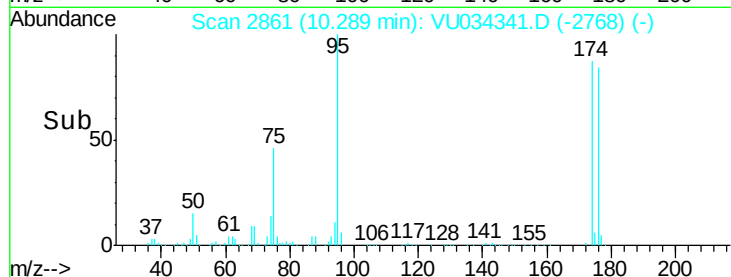
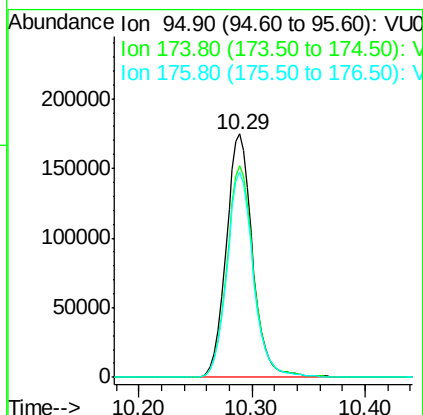
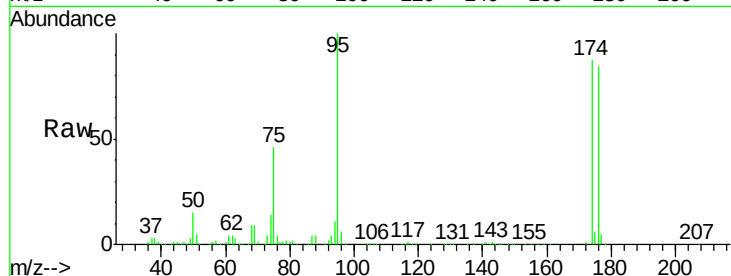




#62
4-Bromofluorobenzene
Concen: 47.223 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

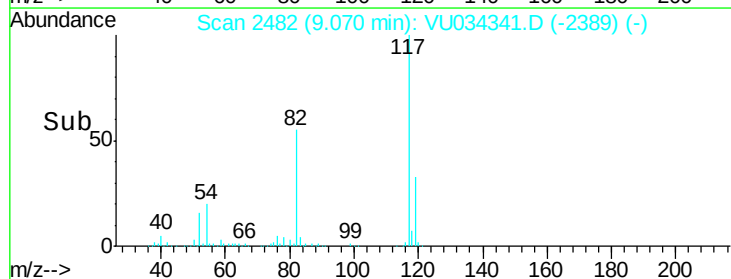
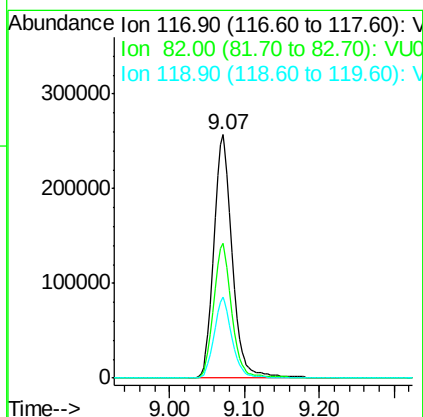
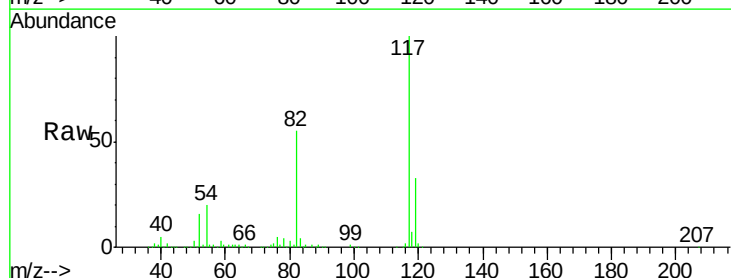
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ClientSampleId :
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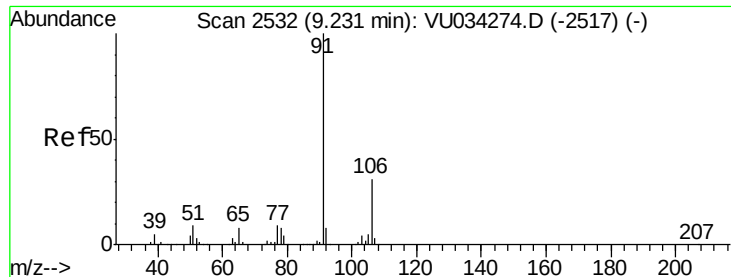
Tot Ion: 95 Resp: 283104
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.2
176 84.5 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

Tgt Ion: 117 Resp: 442529
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 33.1 25.9 38.9

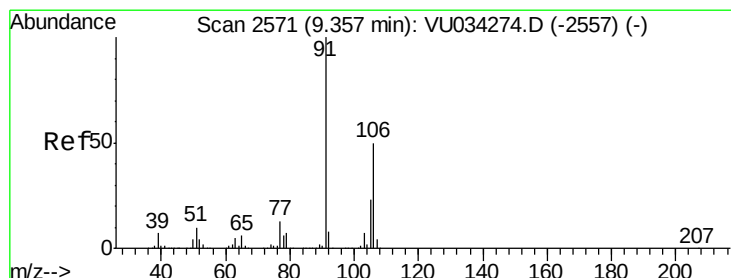
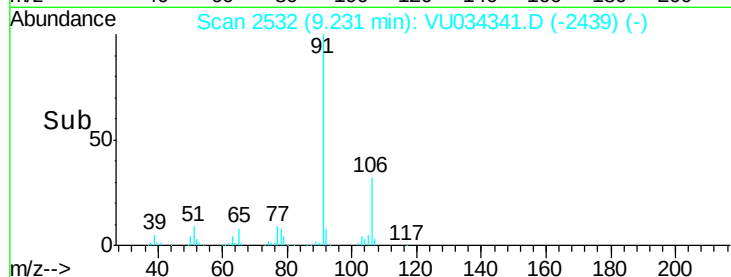
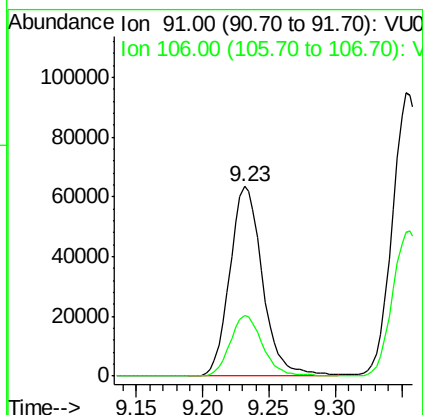
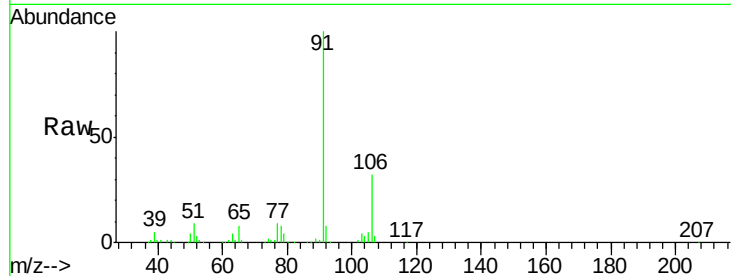




#67
Ethyl Benzene
Concen: 5.958 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

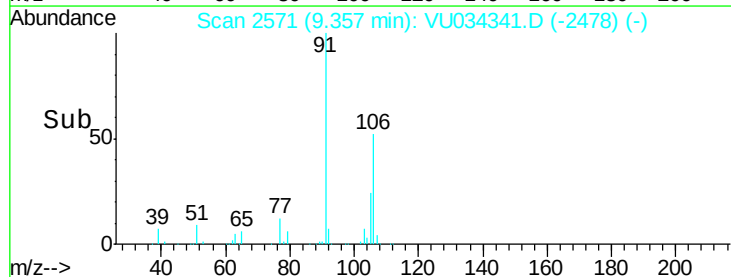
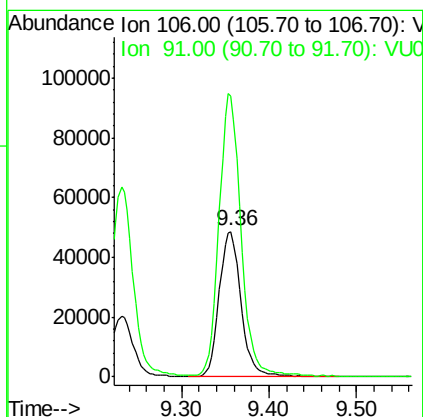
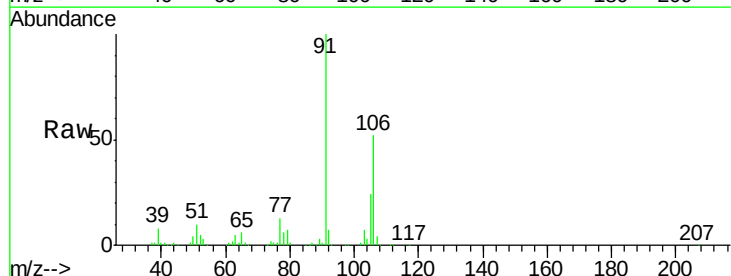
Instrument :
MSVOA_U
ClientSampleId :
MW-1A

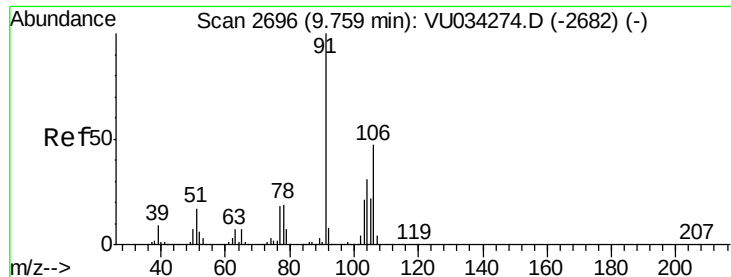
Tot Ion: 91 Resp: 109368
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 12.294 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

Tgt Ion: 106 Resp: 84982
Ion Ratio Lower Upper
106 100
91 190.0 160.1 240.1

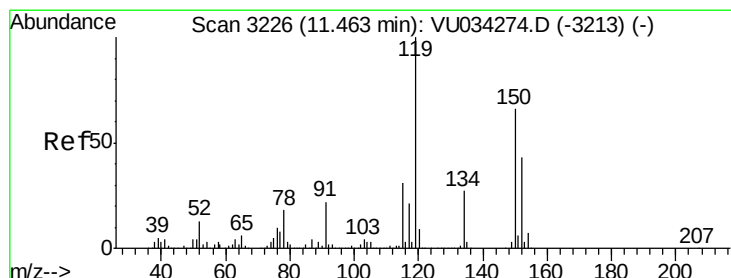
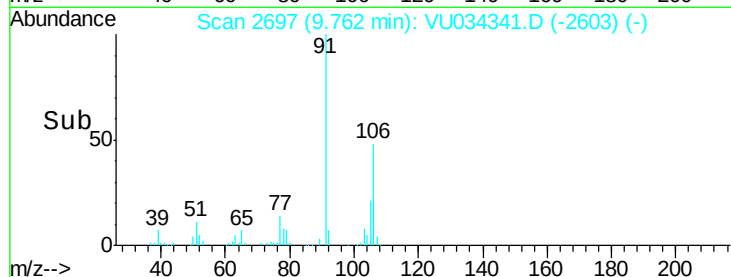
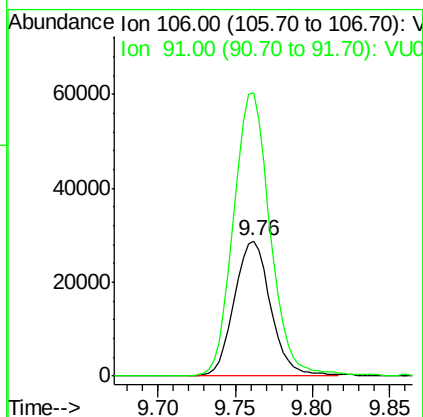
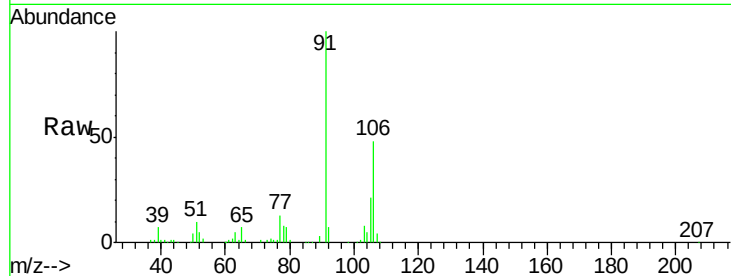




#69
o-Xylene
Concen: 6.970 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

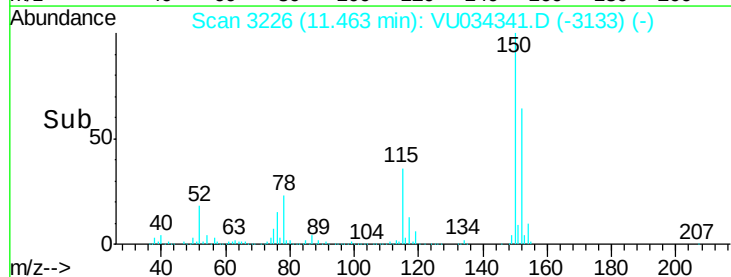
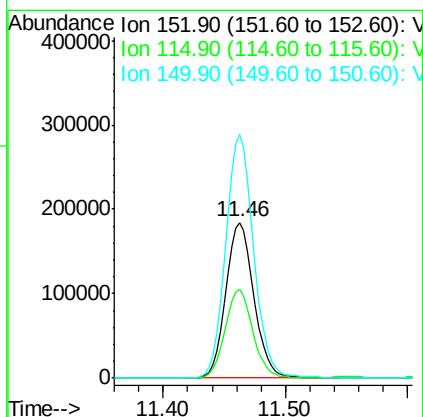
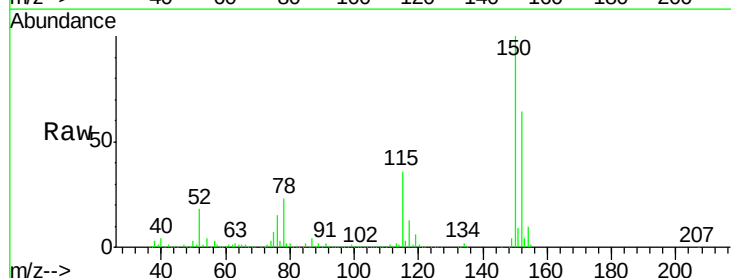
Instrument :
MSVOA_U
ClientSampleId :
MW-1A

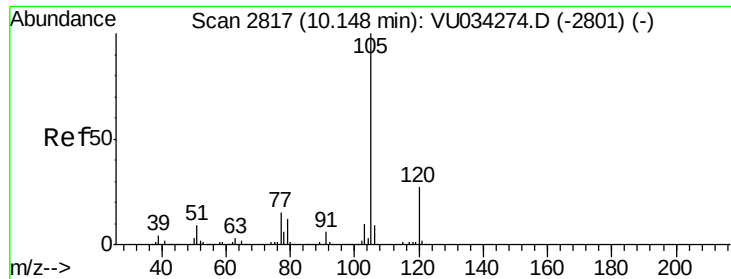
Tot Ion:106 Resp: 47118
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034341.D
Acq: 06 Sep 2019 19:17

Tgt Ion:152 Resp: 297812
Ion Ratio Lower Upper
152 100
115 56.1 39.1 117.3
150 156.2 0.0 345.4





#73

Isopropylbenzene

Concen: 0.586 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034341.D

Acq: 06 Sep 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

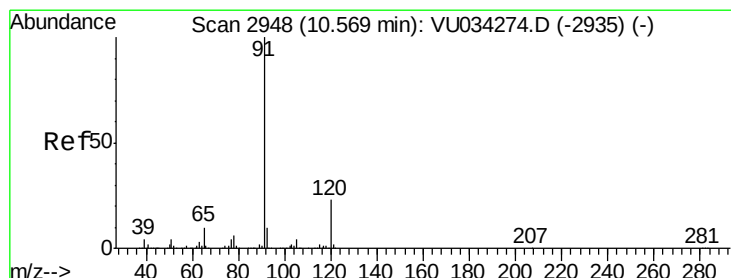
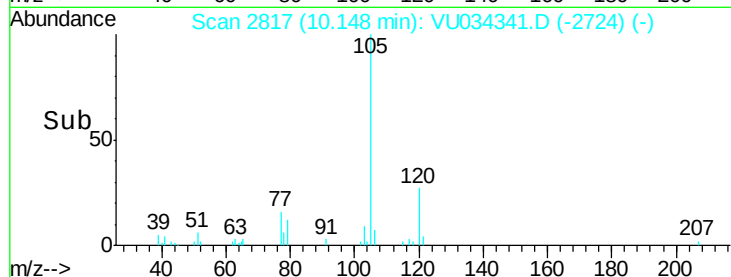
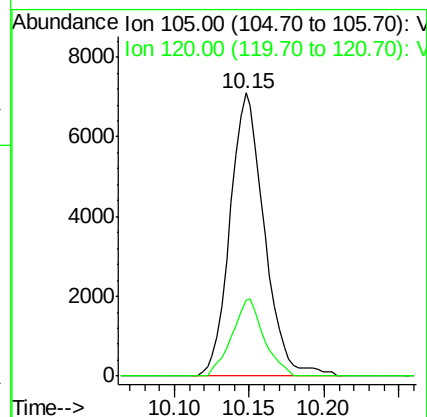
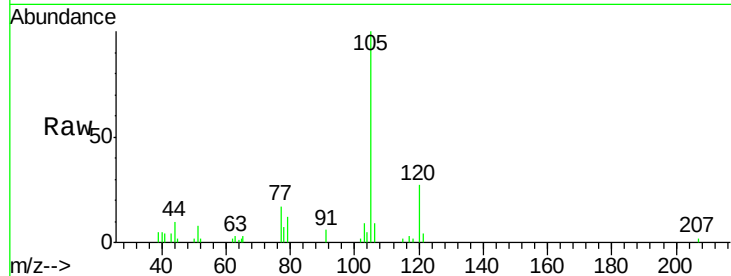
MW-1A

Tot Ion:105 Resp: 11360

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.2



#78

n-propylbenzene

Concen: 0.342 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034341.D

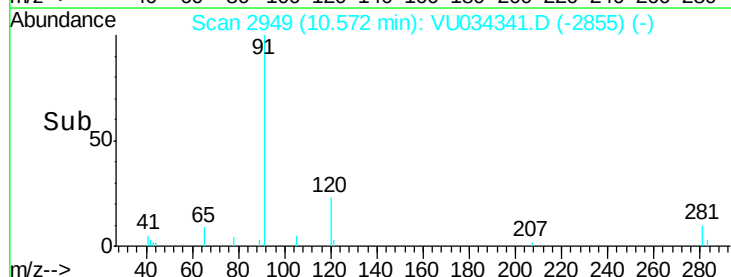
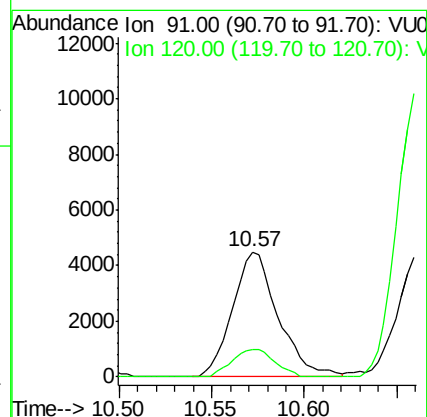
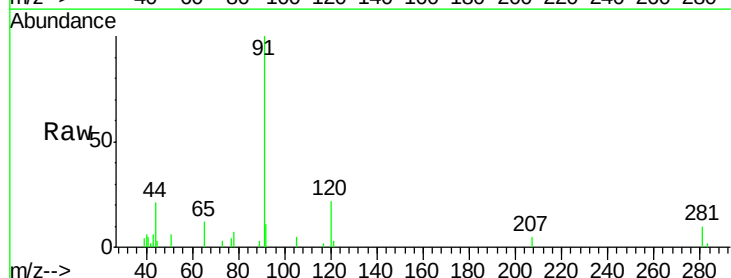
Acq: 06 Sep 2019 19:17

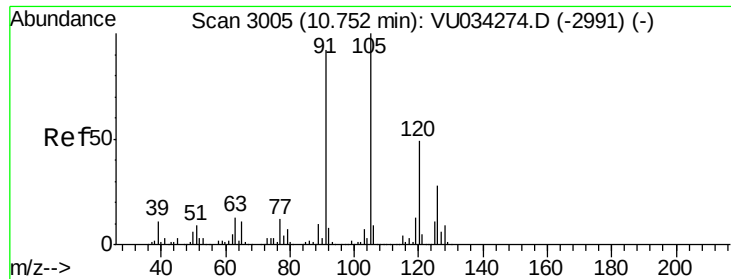
Tgt Ion: 91 Resp: 7660

Ion Ratio Lower Upper

91 100

120 20.3 11.7 35.0

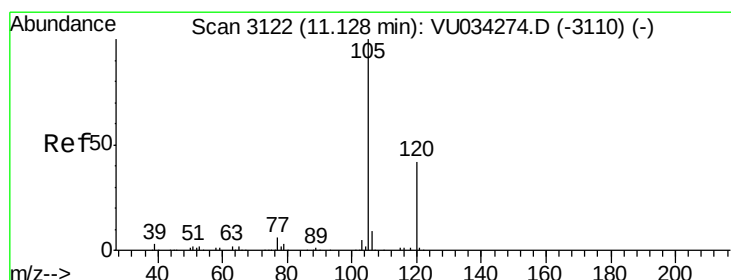
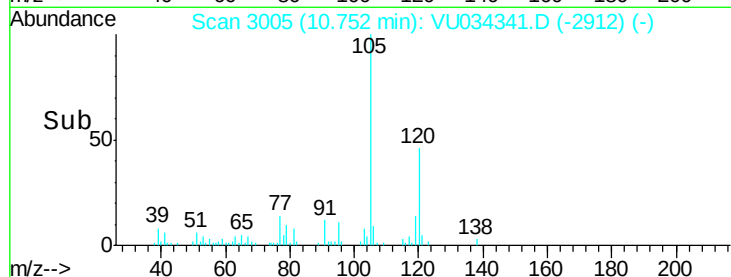
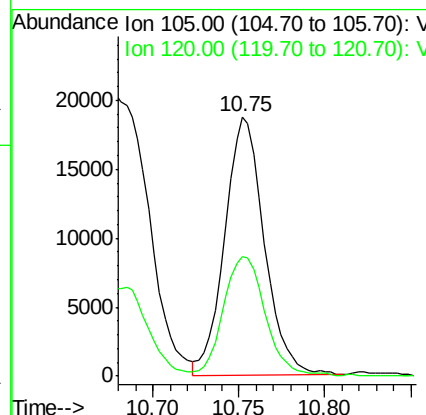
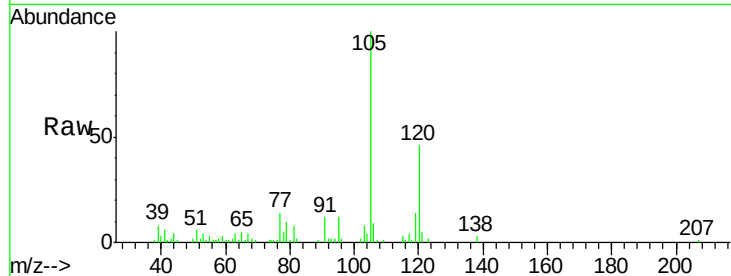




#80
 1,3,5-Trimethylbenzene
 Concen: 1.840 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

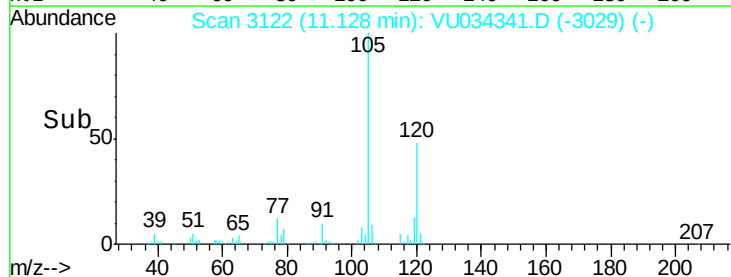
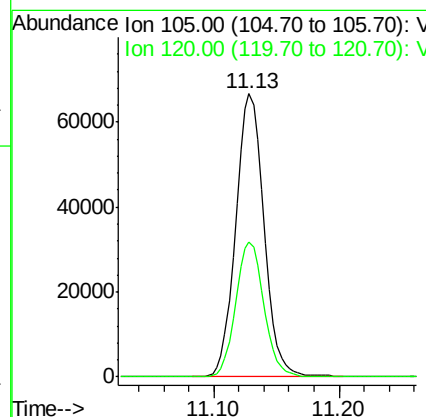
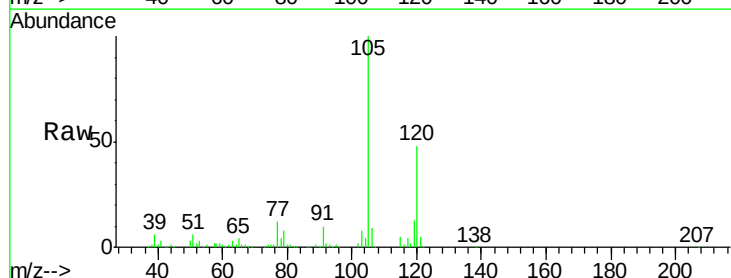
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1A

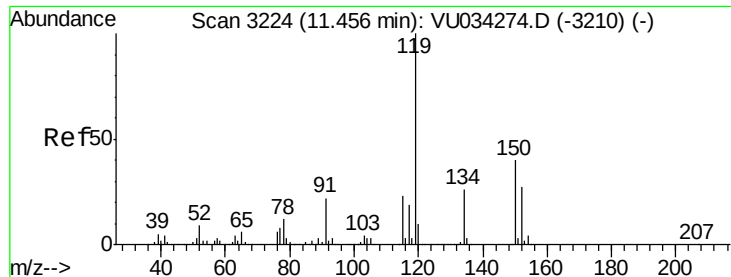
Tot Ion:105 Resp: 29822
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.386 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

Tgt Ion:105 Resp: 104202
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.9 68.8

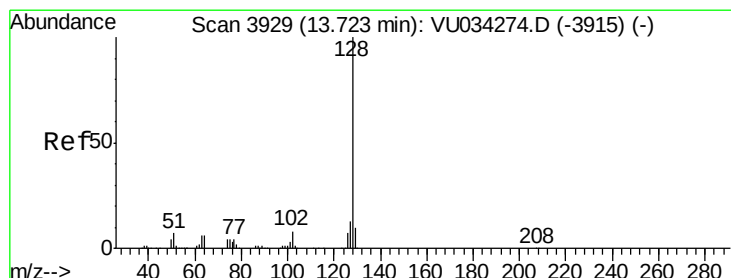
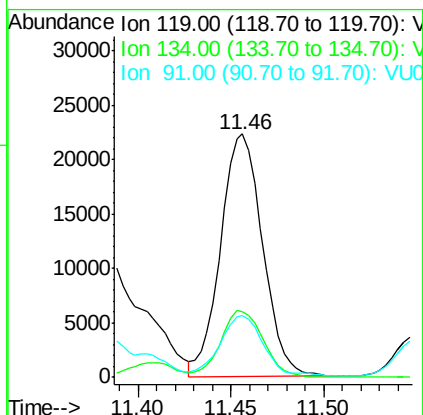
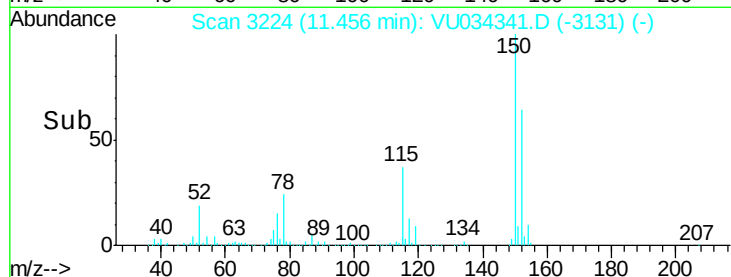
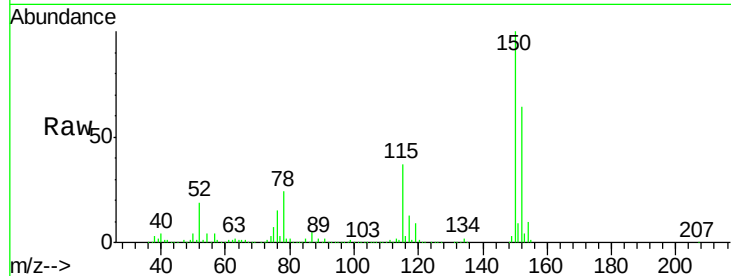




#86
 p-Isopropyltoluene
 Concen: 1.979 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

Instrument :
 MSVOA_U
 ClientSampled :
 MW-1A

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.3	39.8
91	26.4	11.2	33.6



#95
 Naphthalene
 Concen: 255.302 ug/l
 RT: 13.72 min Scan# 3929
 Delta R.T. 0.00 min
 Lab File: VU034341.D
 Acq: 06 Sep 2019 19:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.9	8.4	12.6

