

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028478.D
 Acq On : 05 Dec 2018 14:25
 Operator : MD/SY
 Sample : J6194-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

Quant Time: Dec 06 06:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	392232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	718712	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	671797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	330117	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	301927	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
35) Dibromofluoromethane	4.88	113	89736	18.78	ug/l	0.00
Spiked Amount			Recovery	=	37.56%	
50) Toluene-d8	7.57	98	932609	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	10.30	95	348098	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	

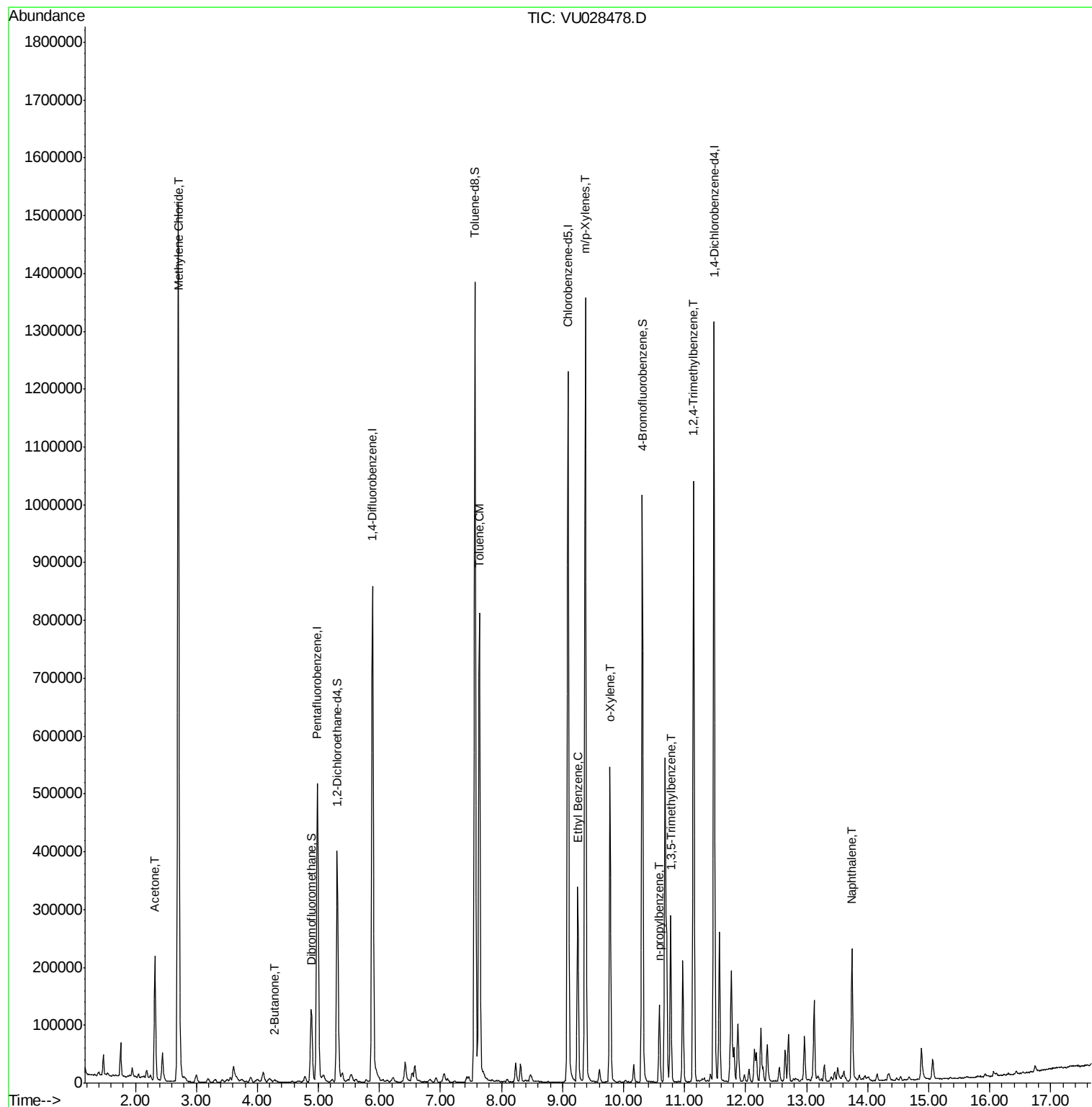
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	225066	56.127	ug/l	95
20) Methylene Chloride	2.70	84	645441	114.213	ug/l	90
25) 2-Butanone	4.28	43	8100	1.409	ug/l	96
52) Toluene	7.64	92	334519	24.939	ug/l	98
67) Ethyl Benzene	9.25	91	243987	9.287	ug/l	97
68) m/p-Xylenes	9.37	106	374845	39.639	ug/l	98
69) o-Xylene	9.78	106	142305	15.138	ug/l	95
78) n-propylbenzene	10.59	91	104733	3.307	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	151250	6.991	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	566353	25.843	ug/l	99
95) Naphthalene	13.74	128	189717	9.276	ug/l	98

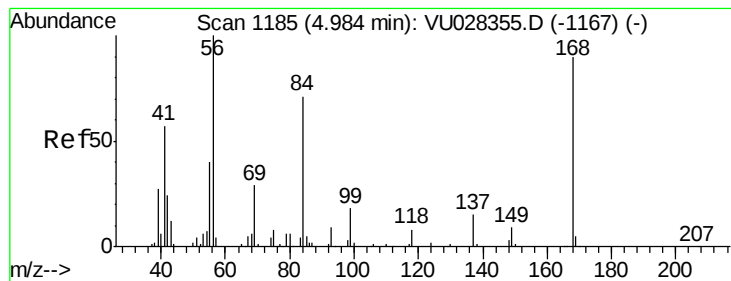
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

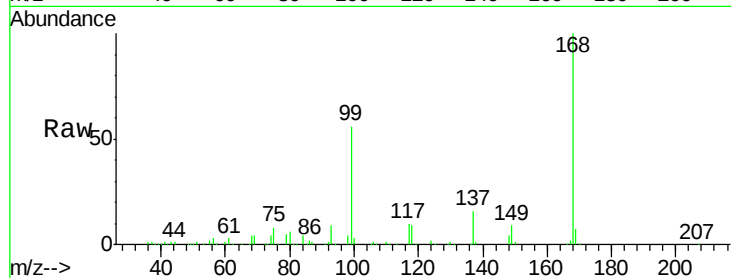
OK-02-120418-A

Tgt Ion:168 Resp: 392232

Ion Ratio Lower Upper

168 100

99 56.0 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

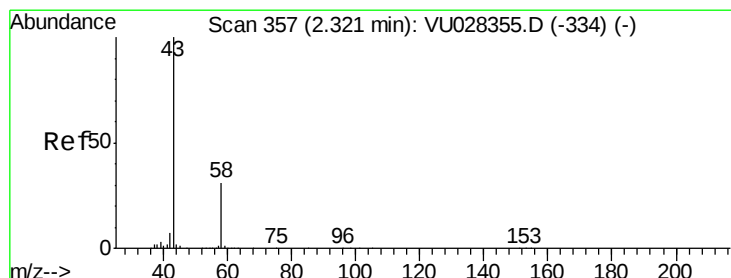
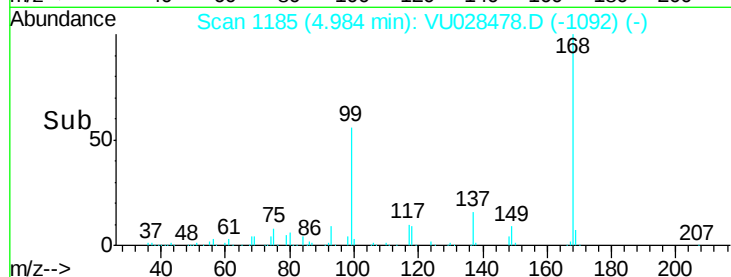
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 56.127 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028478.D

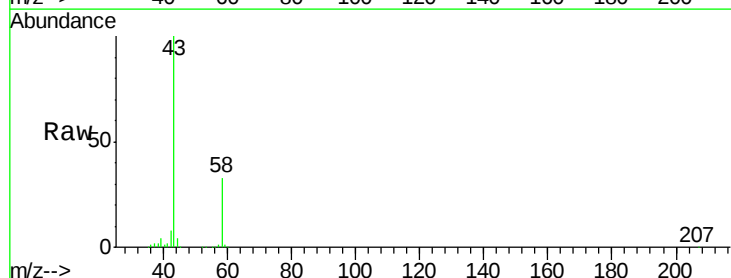
Acq: 05 Dec 2018 14:25

Tgt Ion: 43 Resp: 225066

Ion Ratio Lower Upper

43 100

58 33.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D

Ion 58.00 (57.70 to 58.70): VU028355.D

2.32

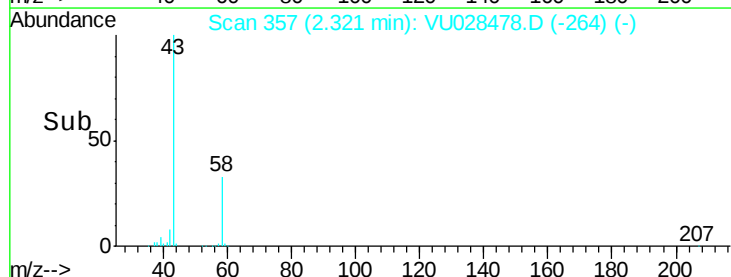
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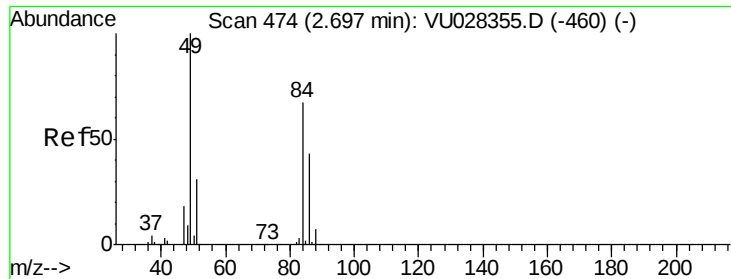
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Time-->

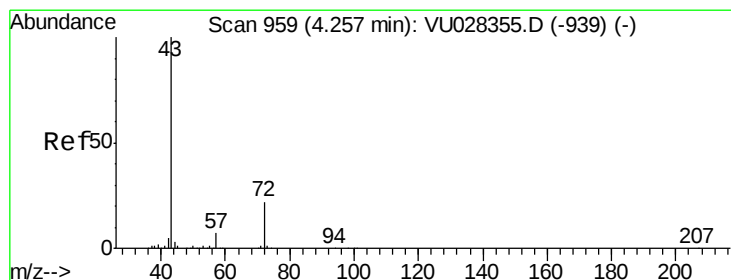
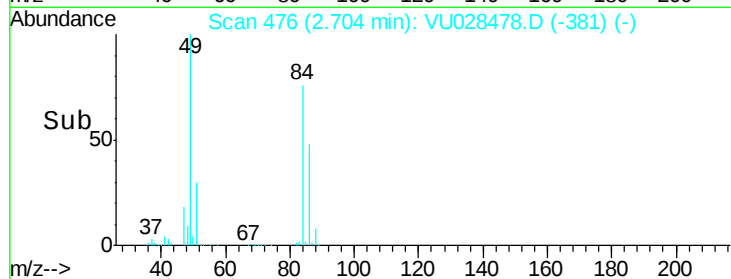
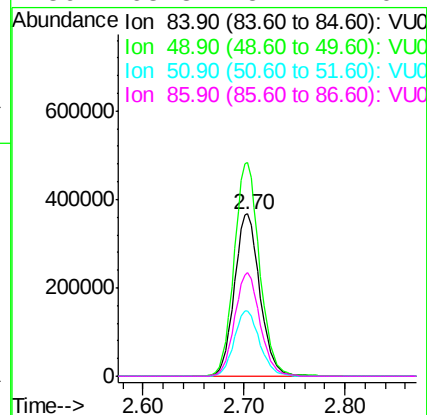
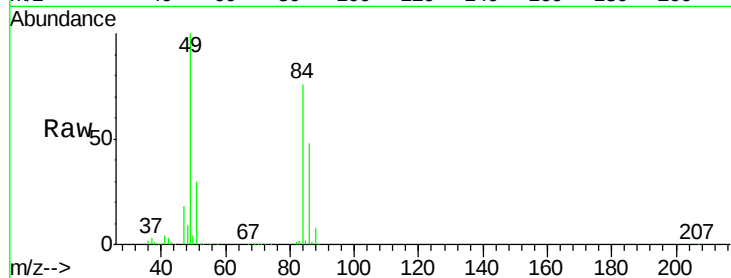




#20
Methylene Chloride
Concen: 114.213 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

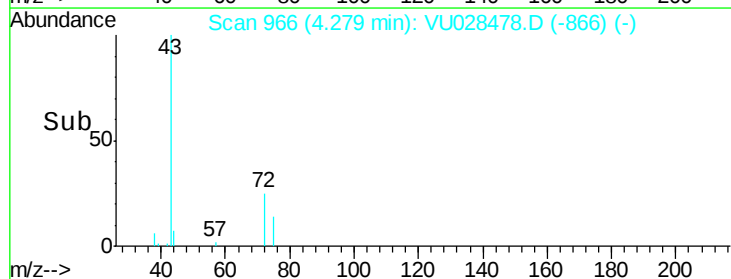
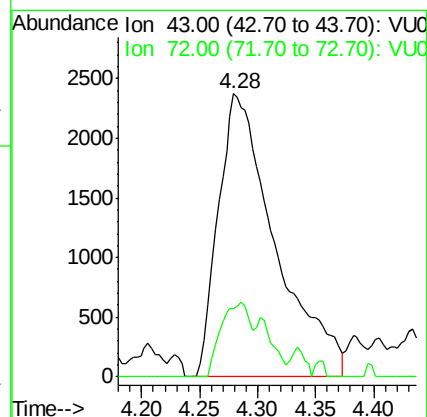
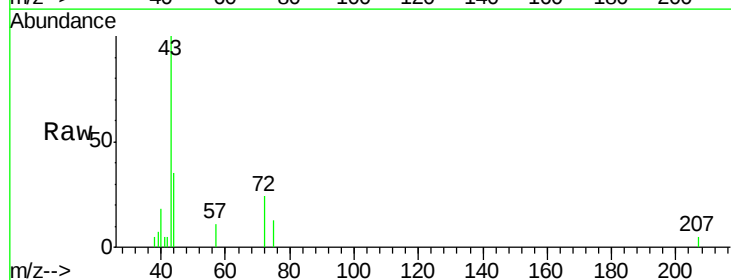
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ClientSampleId :
OK-02-120418-A

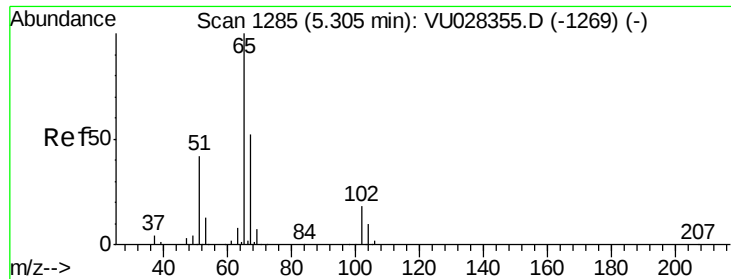
Tgt Ion: 84 Resp: 645441
Ion Ratio Lower Upper
84 100
49 131.9 120.0 180.0
51 40.1 36.9 55.3
86 63.8 51.1 76.7



#25
2-Butanone
Concen: 1.409 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 43 Resp: 8100
Ion Ratio Lower Upper
43 100
72 24.1 17.7 26.5

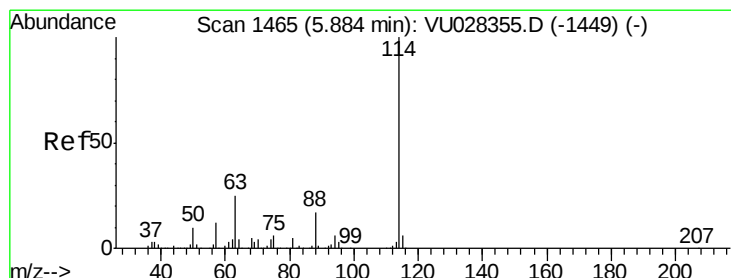
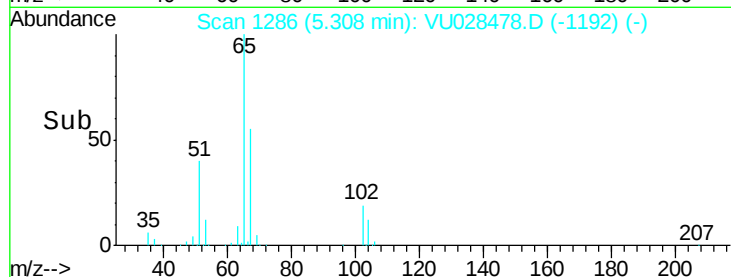
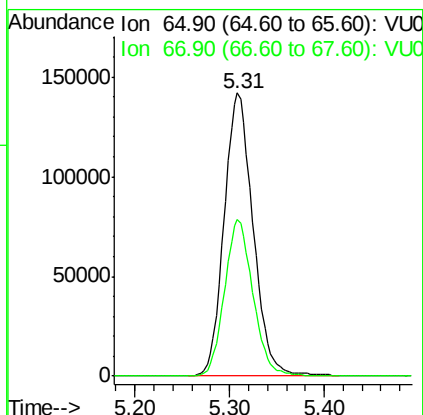
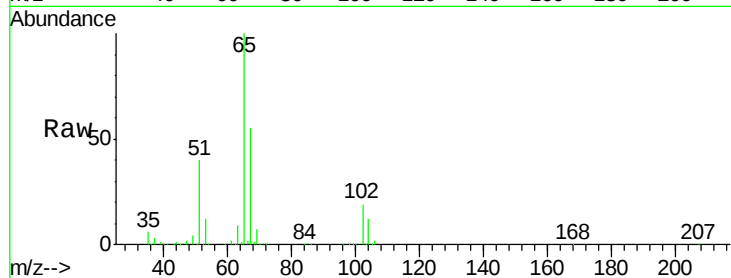




#33
 1,2-Dichloroethane-d4
 Concen: 46.059 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

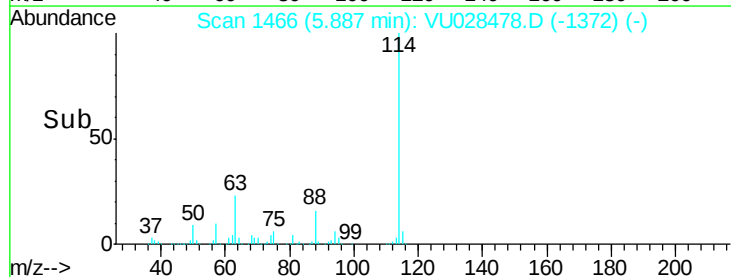
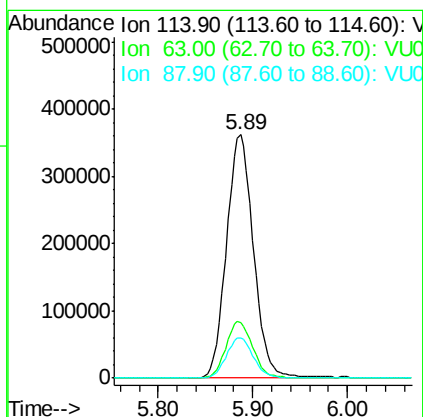
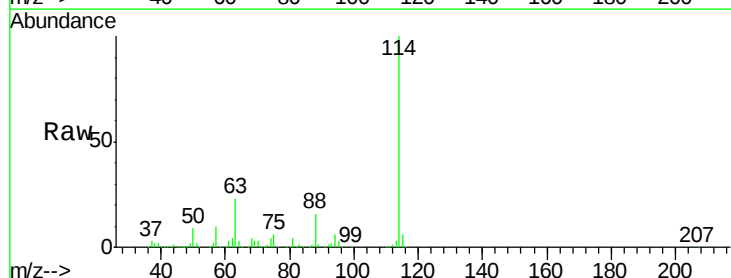
Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

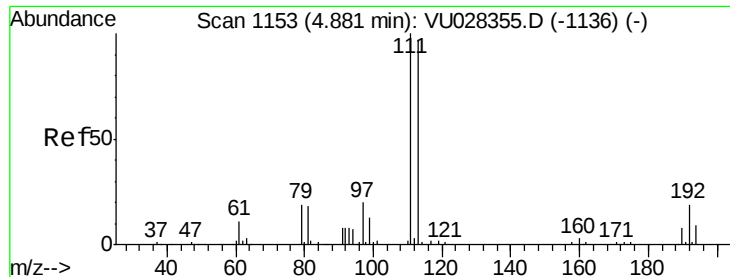
Tgt Ion: 65 Resp: 301927
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Tgt Ion: 114 Resp: 718712
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 50.0
 88 16.5 0.0 34.4

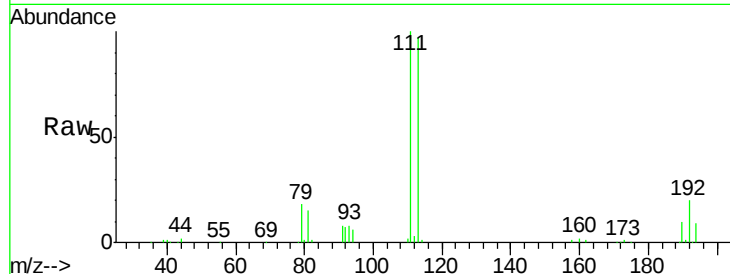




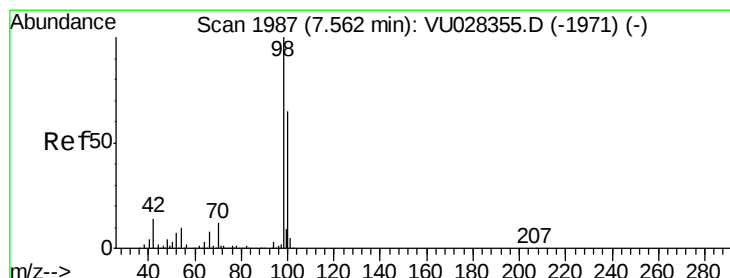
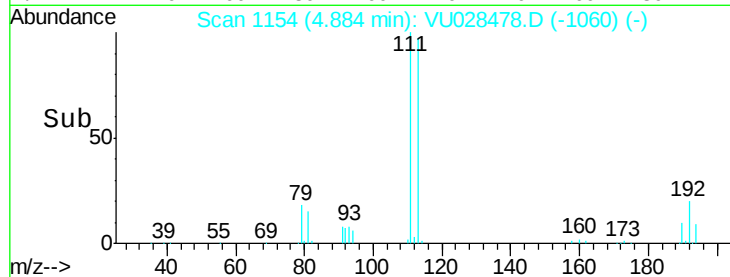
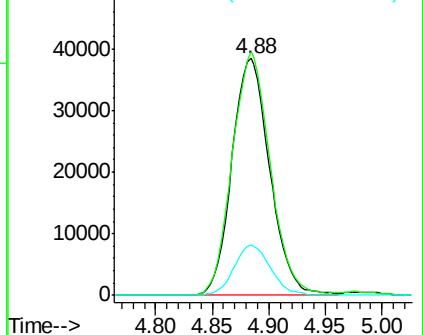
#35
 Dibromofluoromethane
 Concen: 18.777 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

Tgt Ion: 113 Resp: 89736
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 20.4 15.4 23.0

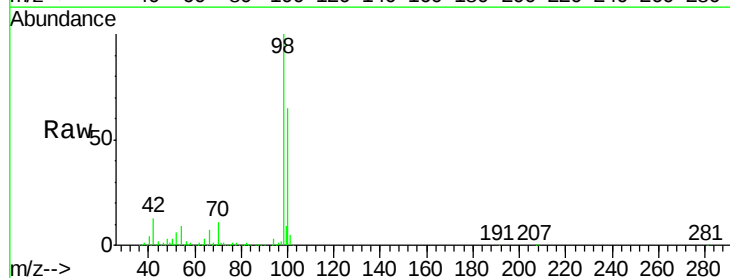


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

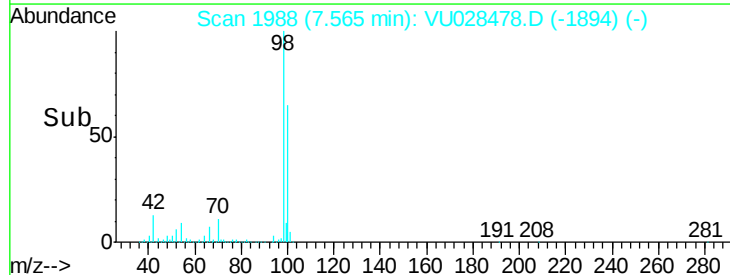
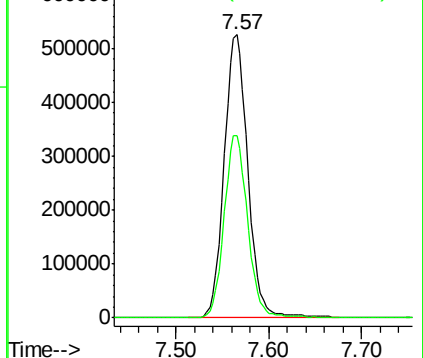


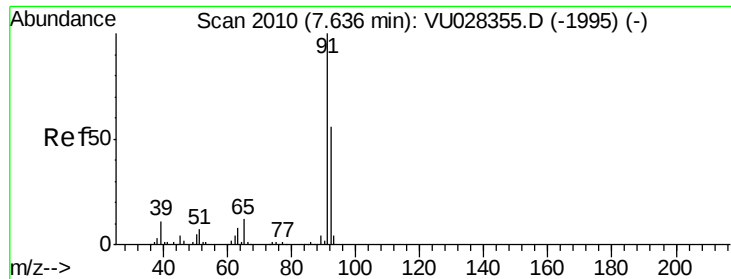
#50
 Toluene-d8
 Concen: 48.794 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Tgt Ion: 98 Resp: 932609
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 24.939 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

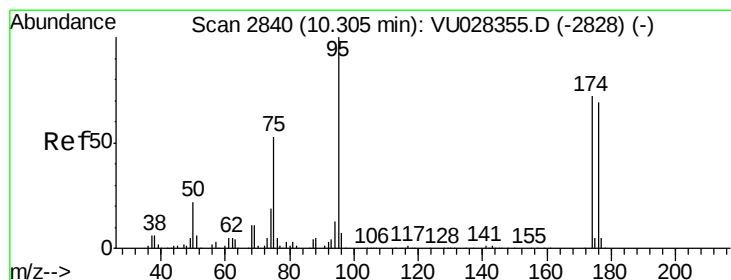
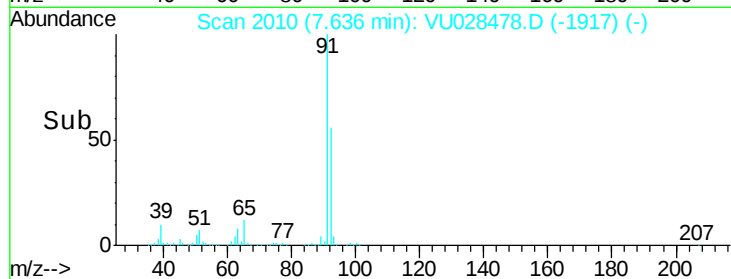
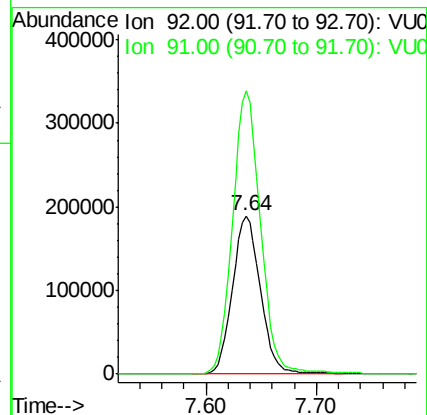
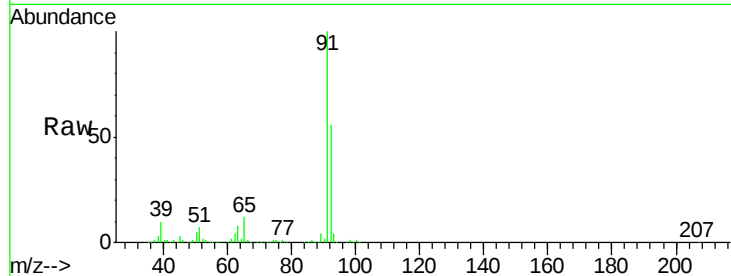
OK-02-120418-A

Tgt Ion: 92 Resp: 334519

Ion Ratio Lower Upper

92 100

91 179.6 141.8 212.6



#62

4-Bromofluorobenzene

Concen: 50.530 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

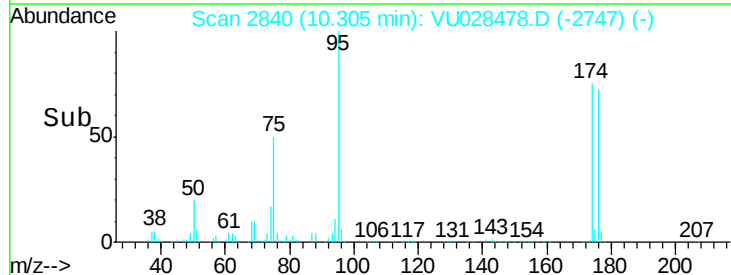
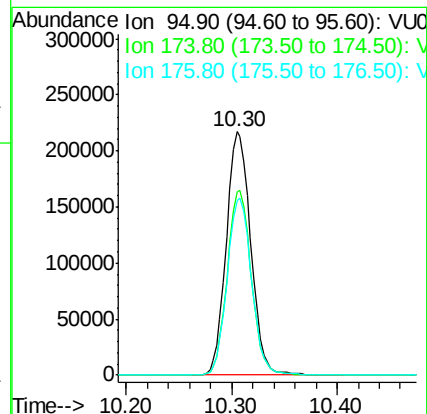
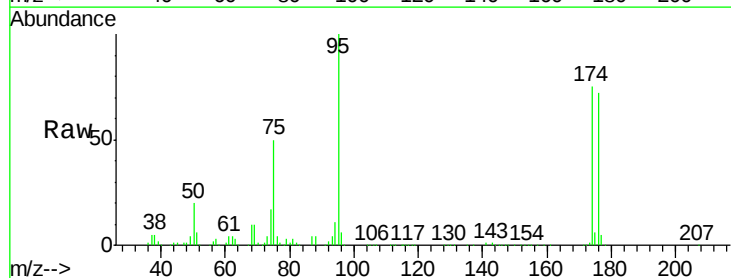
Tgt Ion: 95 Resp: 348098

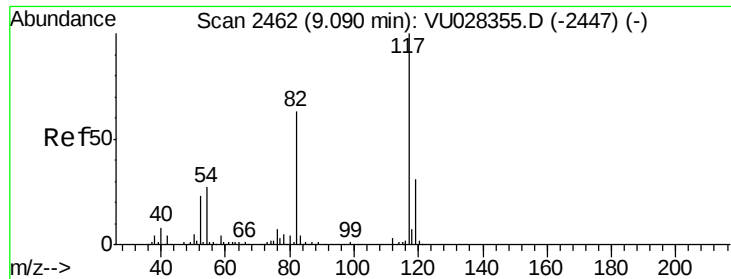
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.4

176 72.7 0.0 140.8

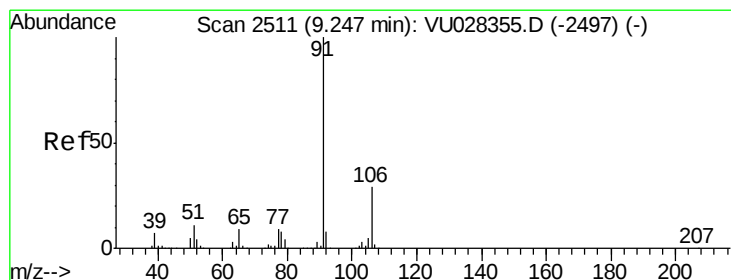
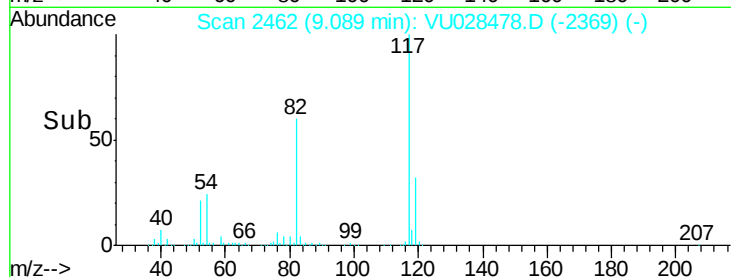
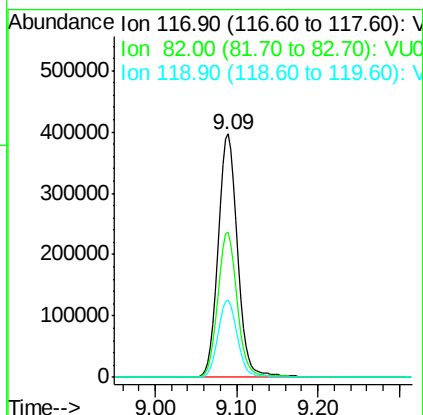
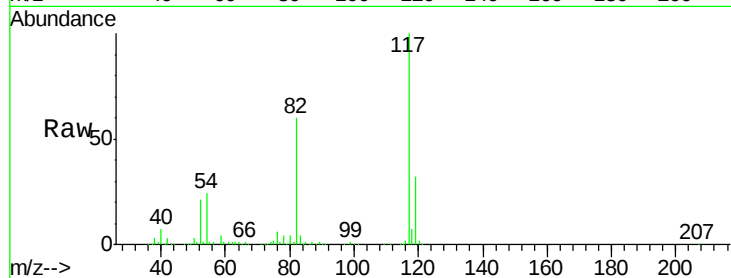




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

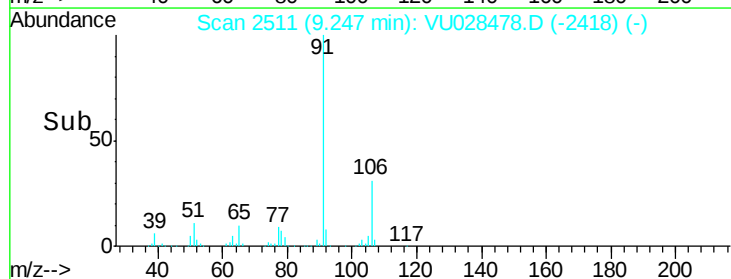
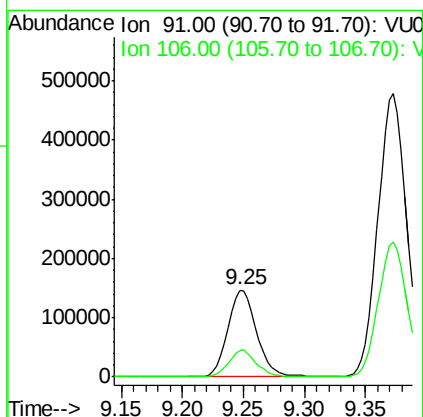
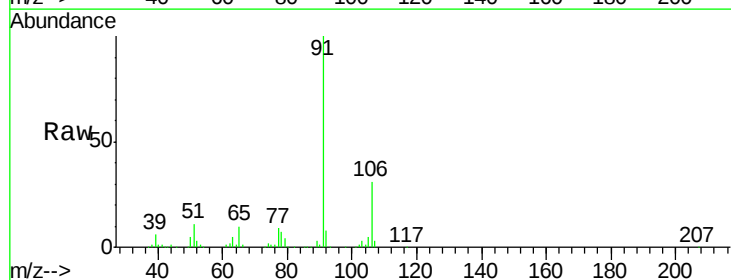
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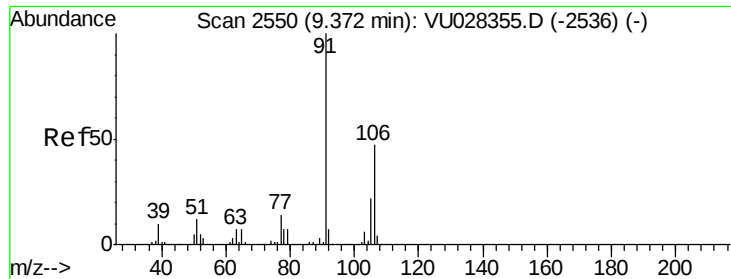
Tgt Ion:117 Resp: 671797
Ion Ratio Lower Upper
117 100
82 59.6 50.3 75.5
119 31.7 24.8 37.2



#67
Ethyl Benzene
Concen: 9.287 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 91 Resp: 243987
Ion Ratio Lower Upper
91 100
106 30.6 23.3 34.9

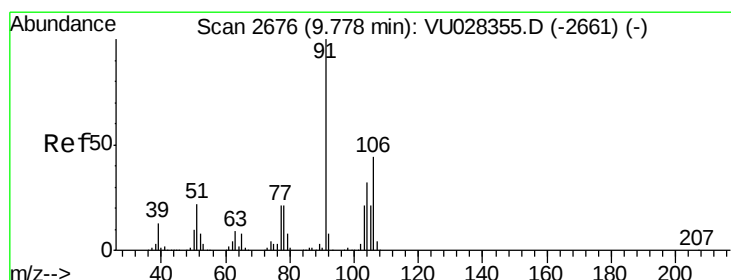
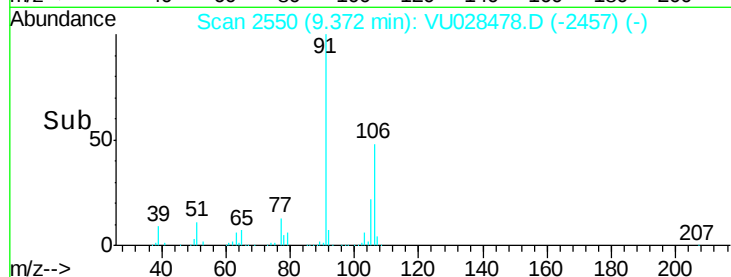
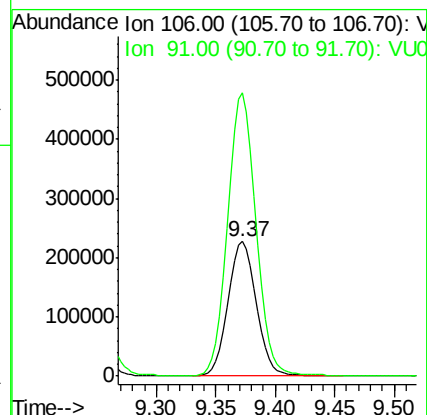
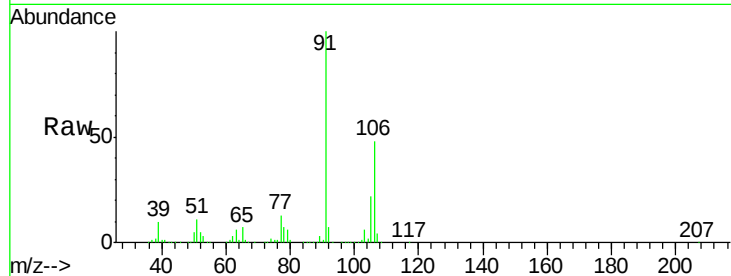




#68
m/p-Xylenes
Concen: 39.639 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

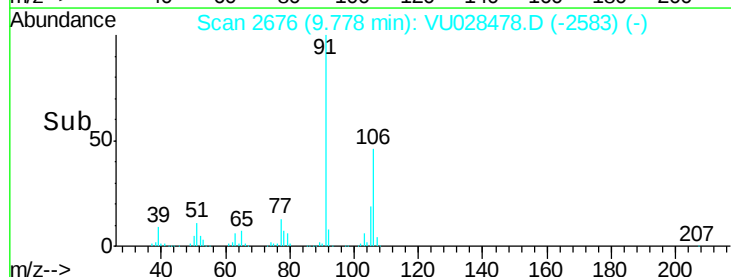
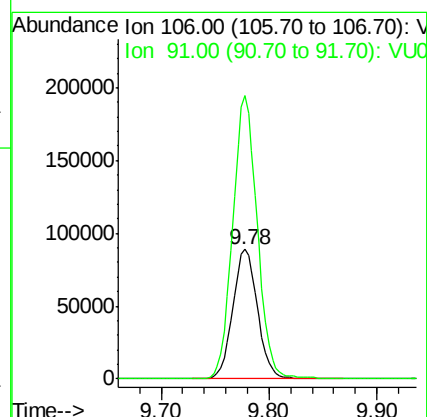
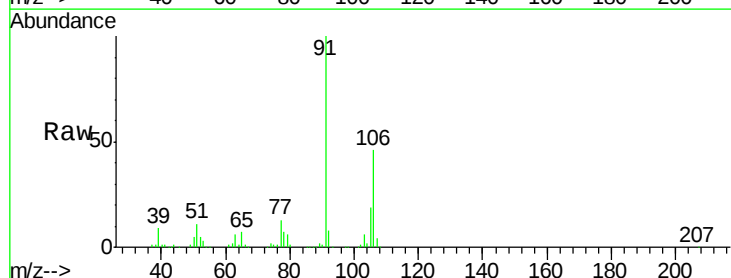
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MSVOA_U
ClientSampleId :
OK-02-120418-A

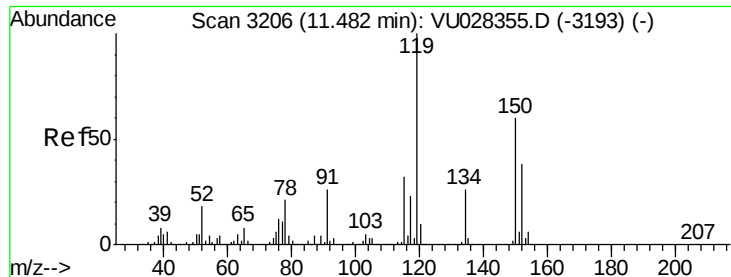
Tgt Ion:106 Resp: 374845
Ion Ratio Lower Upper
106 100
91 211.3 171.0 256.6



#69
o-Xylene
Concen: 15.138 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion:106 Resp: 142305
Ion Ratio Lower Upper
106 100
91 217.4 112.7 338.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

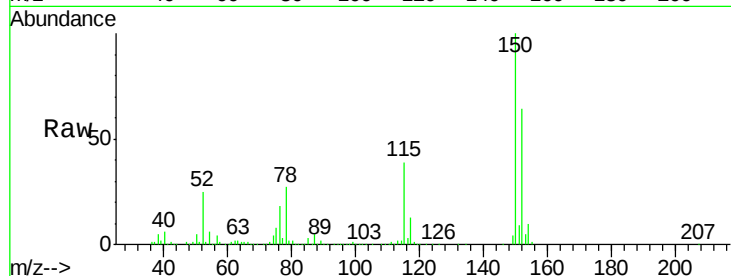
Tgt Ion:152 Resp: 330117

Ion Ratio Lower Upper

152 100

115 59.2 45.0 134.8

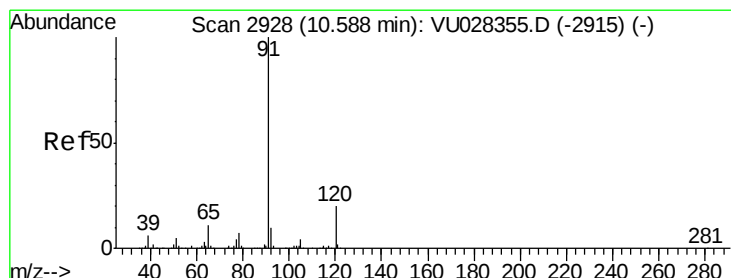
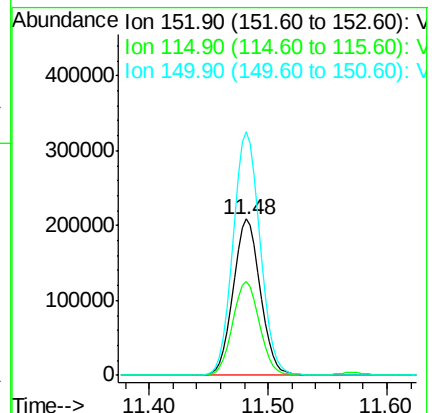
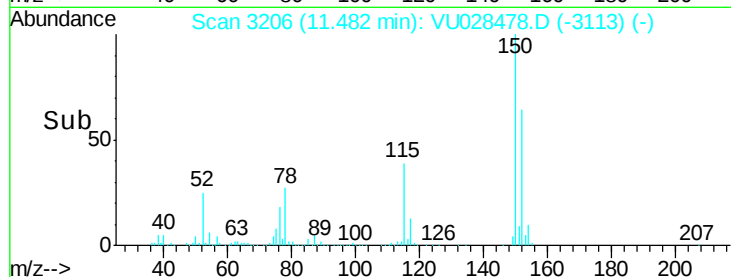
150 155.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 3.307 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU028478.D

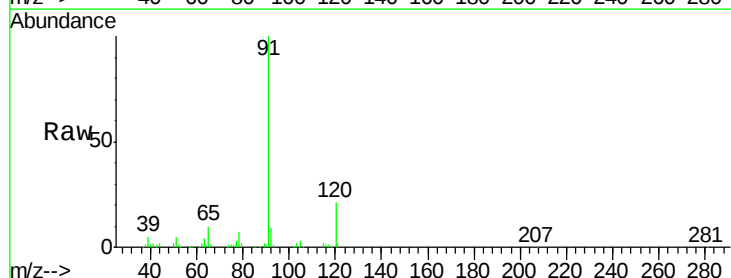
Acq: 05 Dec 2018 14:25

Tgt Ion: 91 Resp: 104733

Ion Ratio Lower Upper

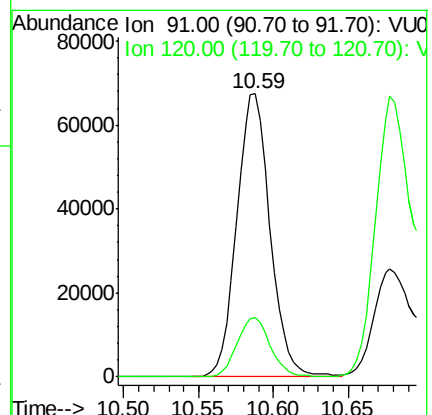
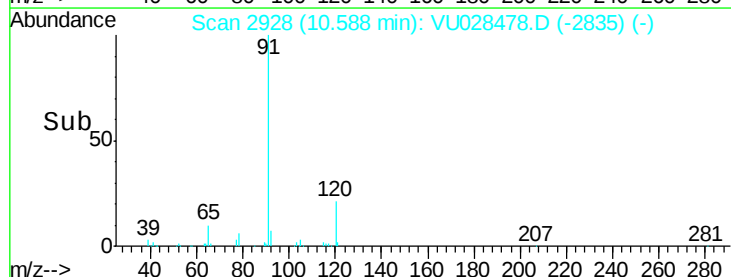
91 100

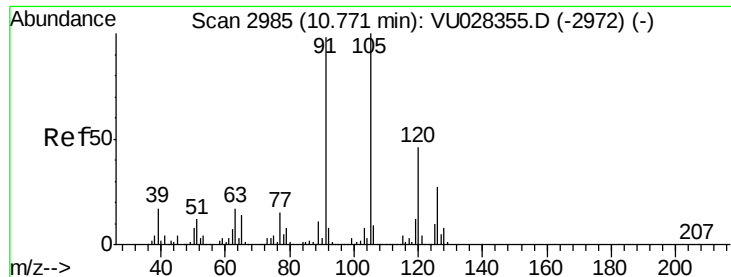
120 21.0 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 6.991 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

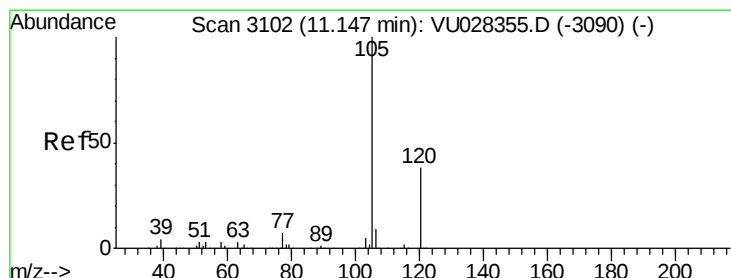
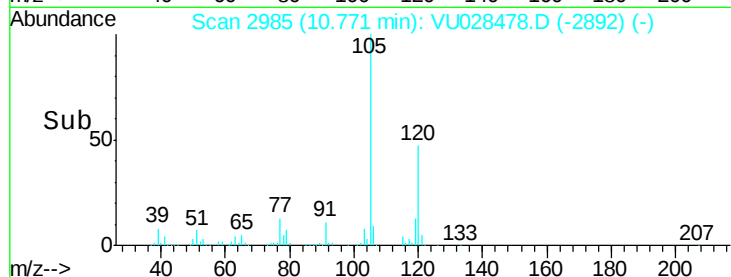
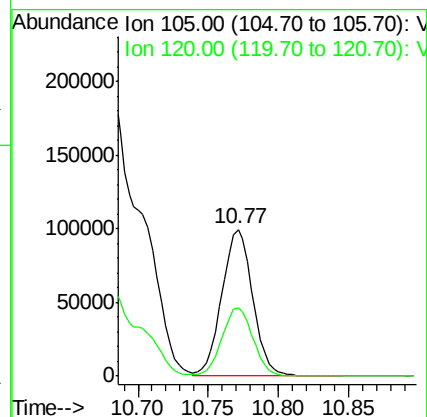
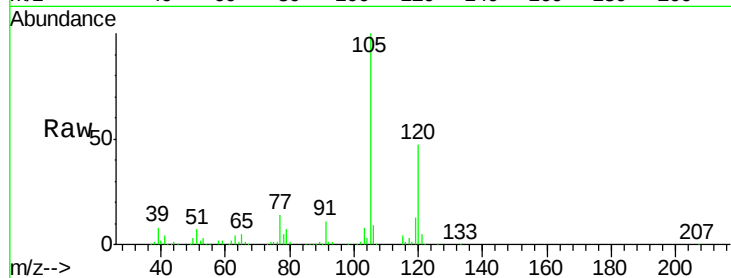
OK-02-120418-A

Tgt Ion:105 Resp: 151250

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0



#84

1,2,4-Trimethylbenzene

Concen: 25.843 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU028478.D

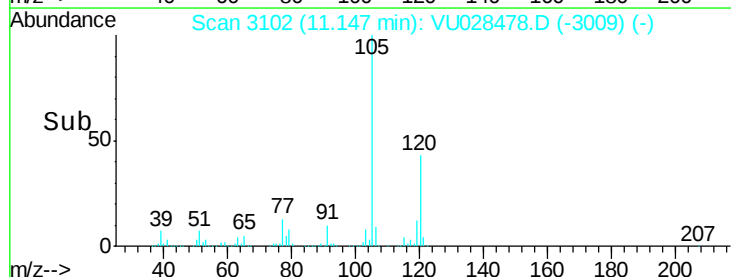
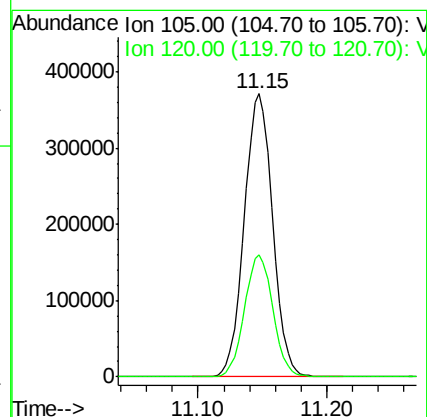
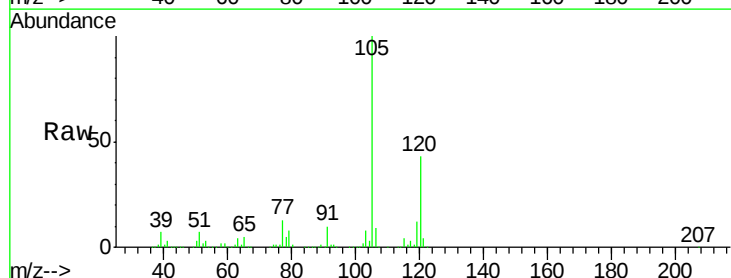
Acq: 05 Dec 2018 14:25

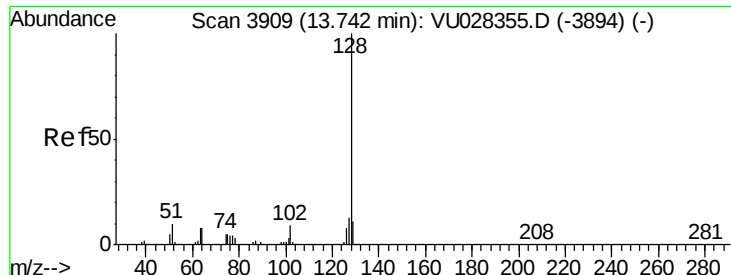
Tgt Ion:105 Resp: 566353

Ion Ratio Lower Upper

105 100

120 43.2 21.4 64.3





#95

Naphthalene

Concen: 9.276 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

Tgt Ion:128 Resp: 189717

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 11.1 8.6 12.8

