

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028733.D
 Acq On : 17 Dec 2018 20:20
 Operator : MD/SY
 Sample : J6390-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30104

Quant Time: Dec 18 07:24:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	153449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56630	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	68398	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	4.88	113	50226	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	7.56	98	195339	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	10.30	95	66070	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	

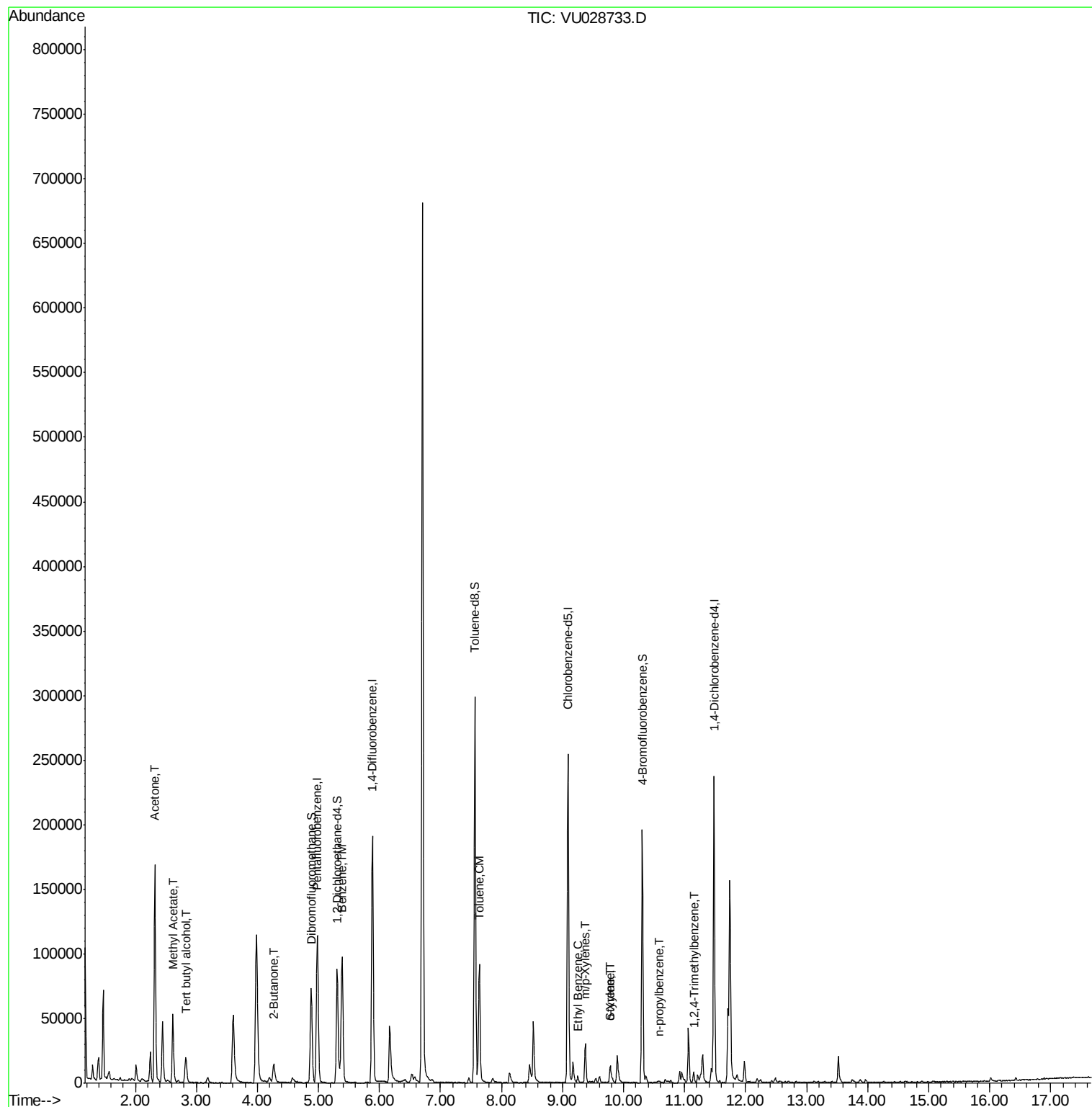
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	22978	80.142	ug/l	97
16) Acetone	2.32	43	173465	206.565	ug/l	100
18) Methyl Acetate	2.61	43	63710	29.267	ug/l	98
25) 2-Butanone	4.27	43	24202	21.089	ug/l	98
40) Benzene	5.39	78	91149	18.431	ug/l	99
52) Toluene	7.64	92	36728	12.619	ug/l	99
67) Ethyl Benzene	9.25	91	4324	0.811	ug/l	99
68) m/p-Xylenes	9.37	106	8085	4.167	ug/l	100
69) o-Xylene	9.78	106	3120	1.655	ug/l	96
70) Styrene	9.79	104	2145	0.687	ug/l #	89
78) n-propylbenzene	10.59	91	1483	0.275	ug/l	85
84) 1,2,4-Trimethylbenzene	11.15	105	4502	1.214	ug/l	99

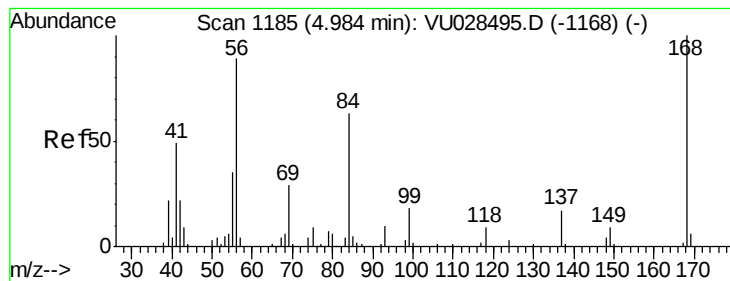
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

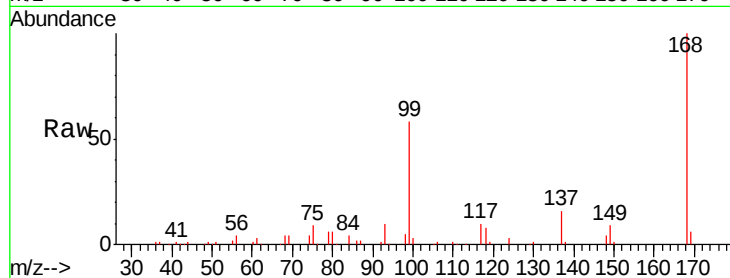
30104

Tgt Ion:168 Resp: 84328

Ion Ratio Lower Upper

168 100

99 58.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

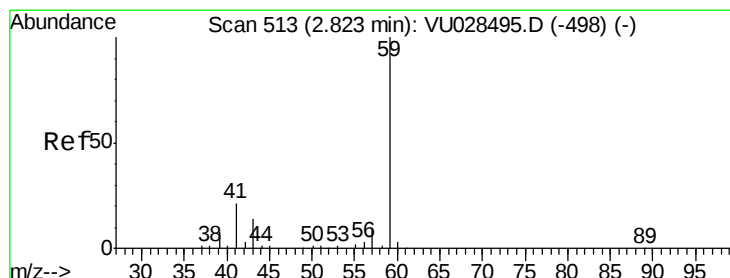
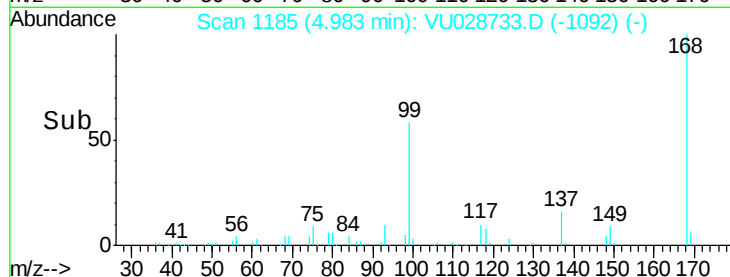
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 80.142 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028733.D

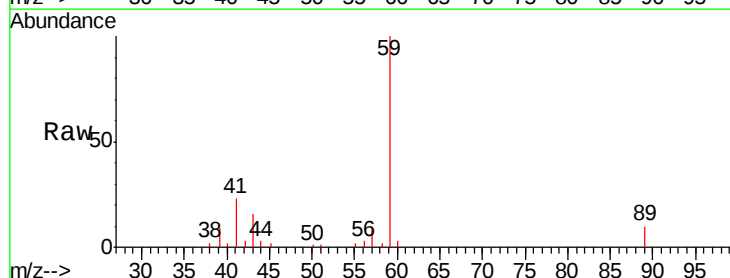
Acq: 17 Dec 2018 20:20

Tgt Ion: 59 Resp: 22978

Ion Ratio Lower Upper

59 100

57 9.0 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)

2.83

12000

10000

8000

6000

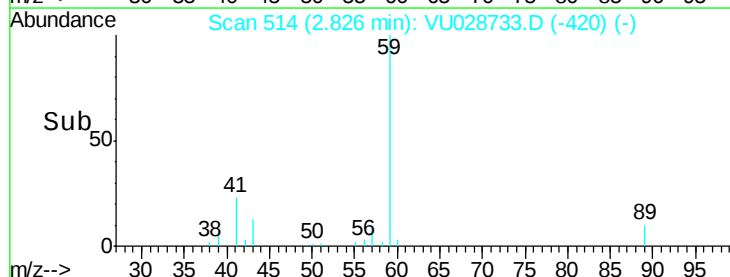
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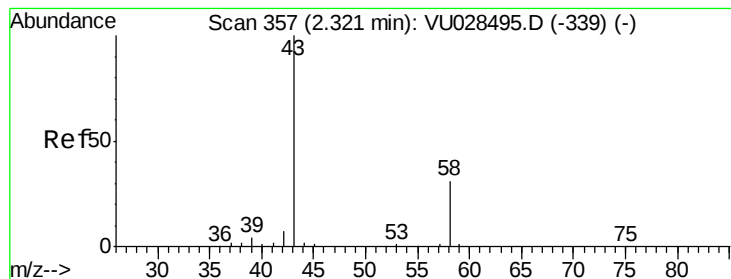
2000

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 206.565 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

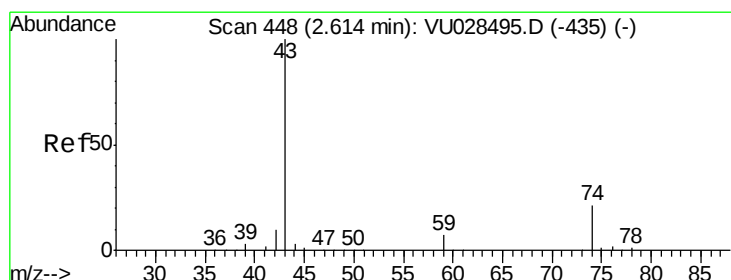
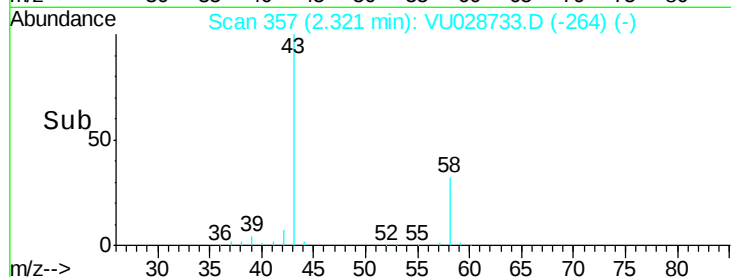
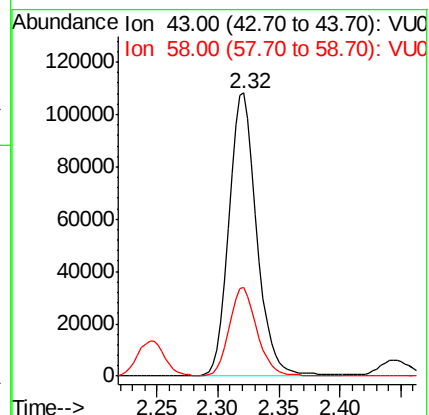
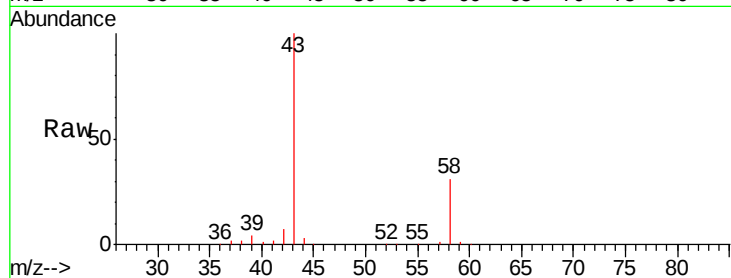
30104

Tgt Ion: 43 Resp: 173465

Ion Ratio Lower Upper

43 100

58 31.1 24.6 37.0



#18

Methyl Acetate

Concen: 29.267 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028733.D

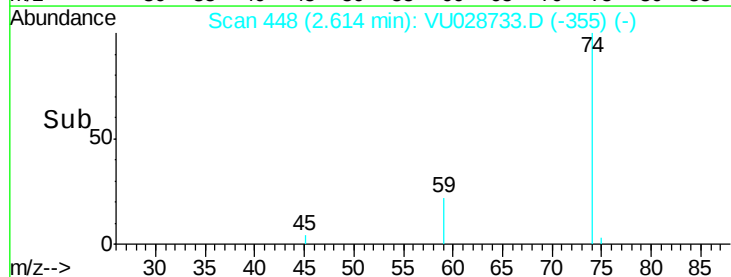
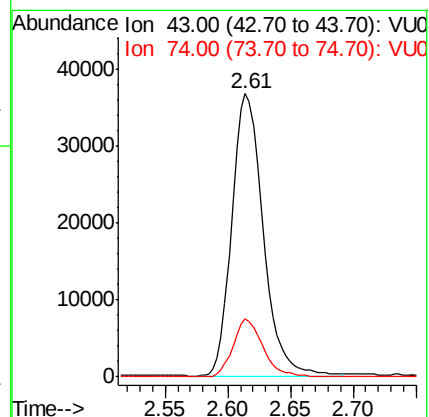
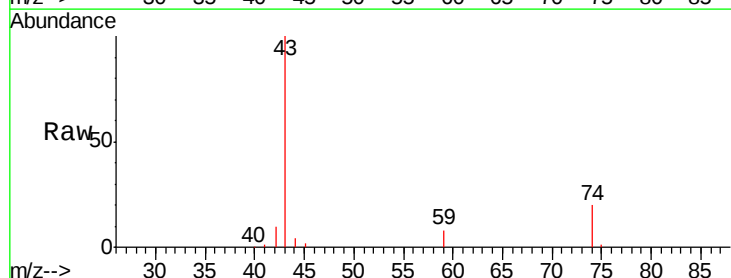
Acq: 17 Dec 2018 20:20

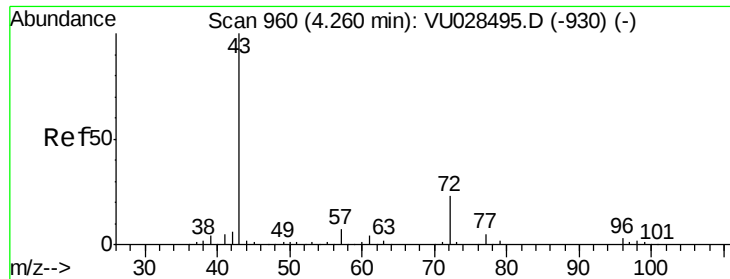
Tgt Ion: 43 Resp: 63710

Ion Ratio Lower Upper

43 100

74 19.5 16.4 24.6





#25

2-Butanone

Concen: 21.089 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampled :

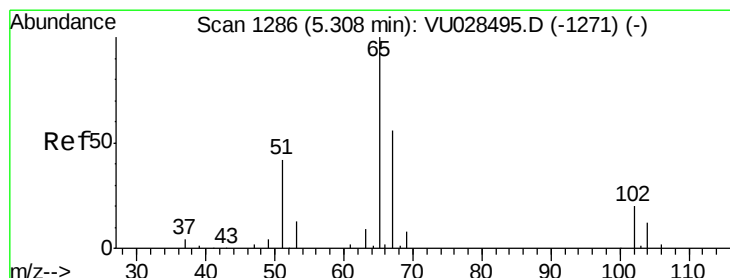
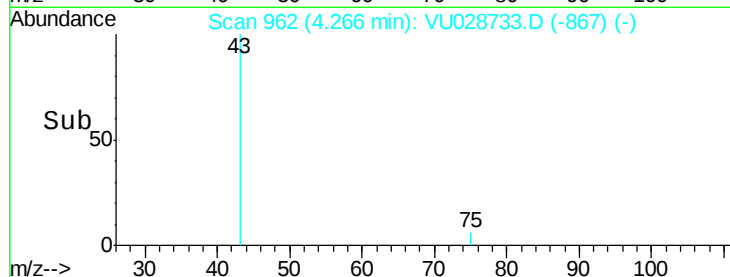
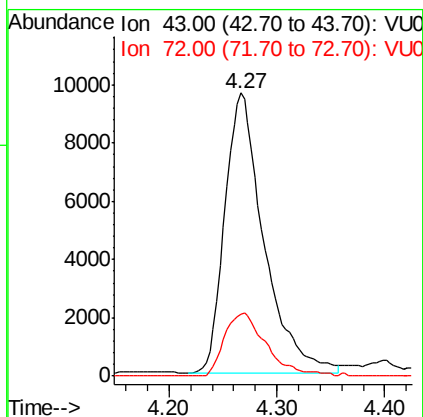
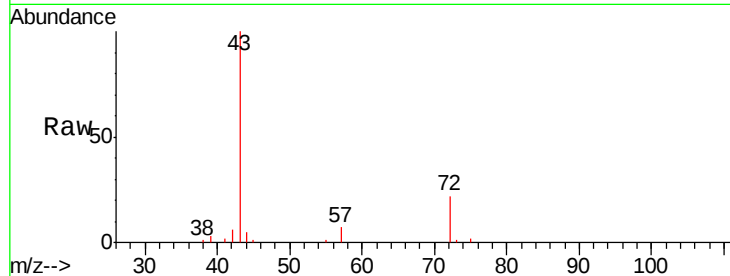
30104

Tgt Ion: 43 Resp: 24202

Ion Ratio Lower Upper

43 100

72 22.3 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 53.149 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028733.D

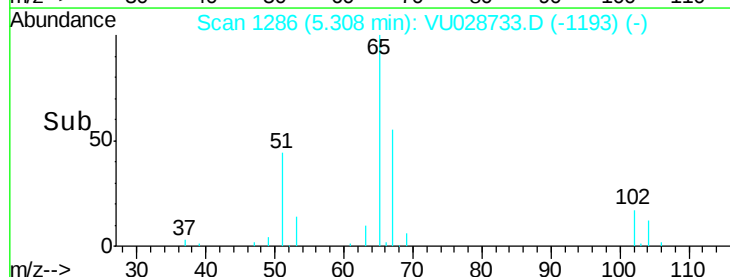
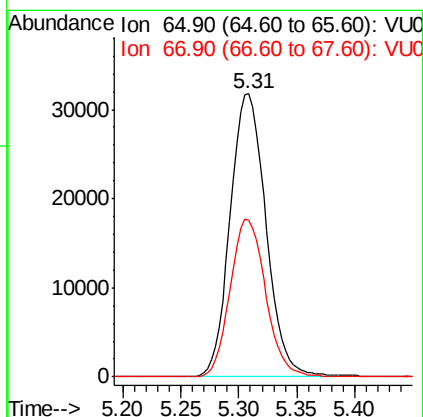
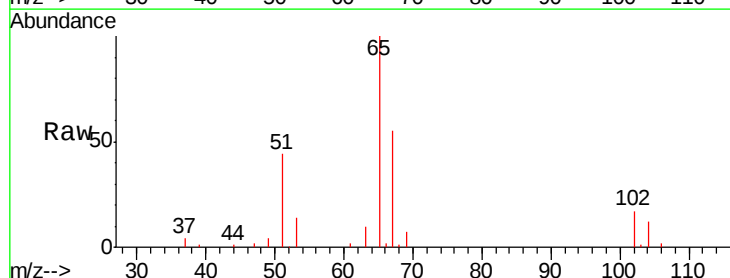
Acq: 17 Dec 2018 20:20

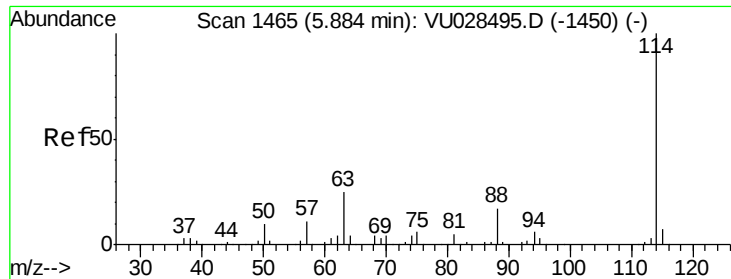
Tgt Ion: 65 Resp: 68398

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.6

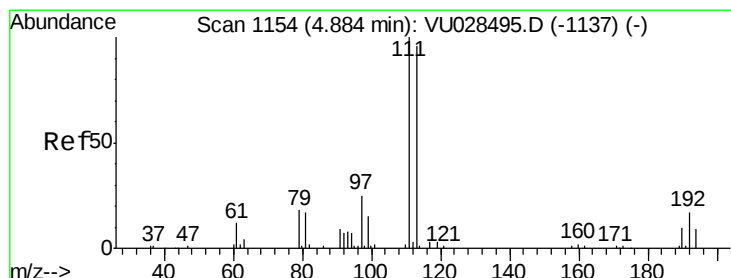
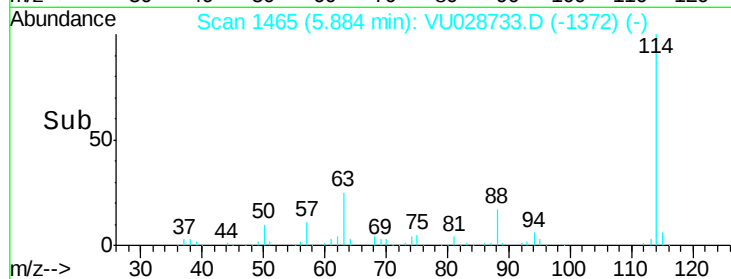
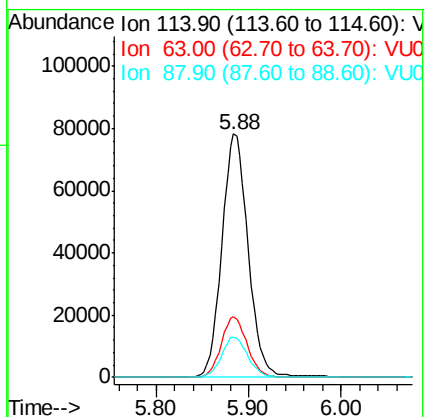
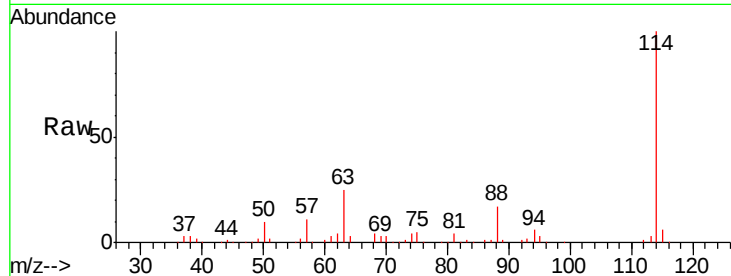




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028733.D
 Acq: 17 Dec 2018 20:20

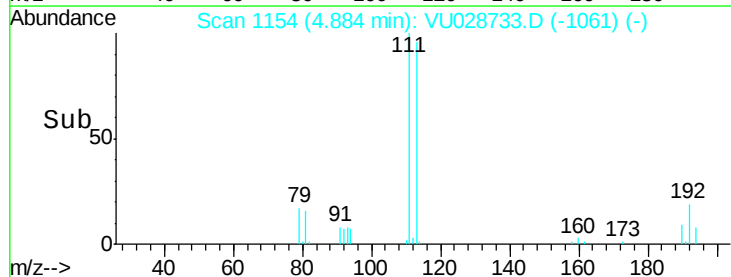
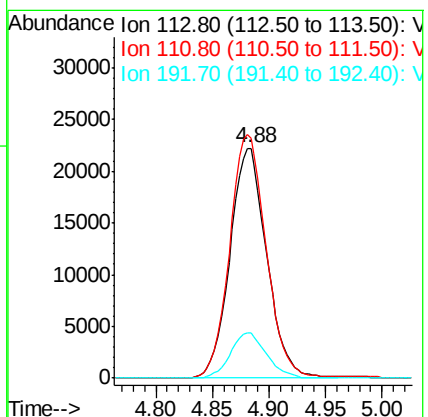
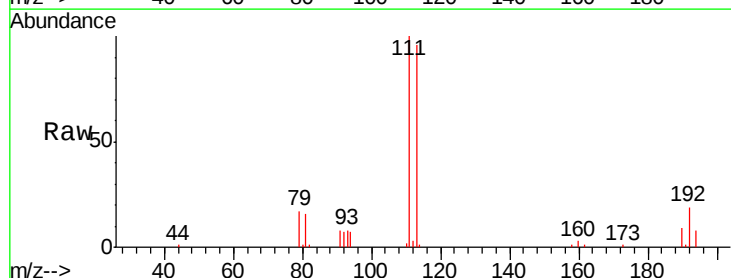
Instrument :
 MSVOA_U
 ClientSampled :
 30104

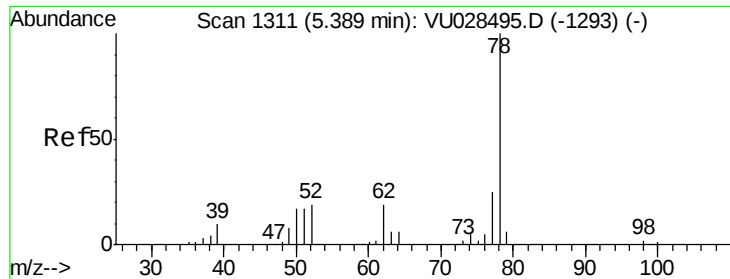
Tgt Ion:114 Resp: 153449
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.6 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 52.012 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028733.D
 Acq: 17 Dec 2018 20:20

Tgt Ion:113 Resp: 50226
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.0
 192 19.2 14.8 22.2





#40

Benzene

Concen: 18.431 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

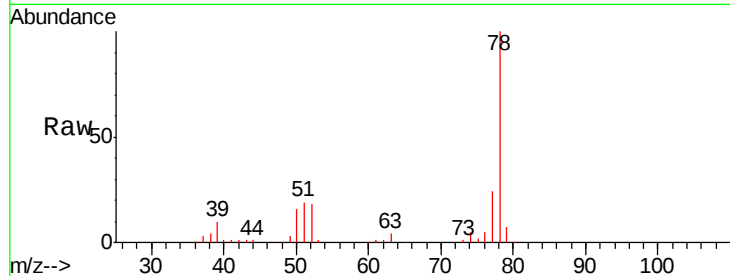
30104

Tgt Ion: 78 Resp: 91149

Ion Ratio Lower Upper

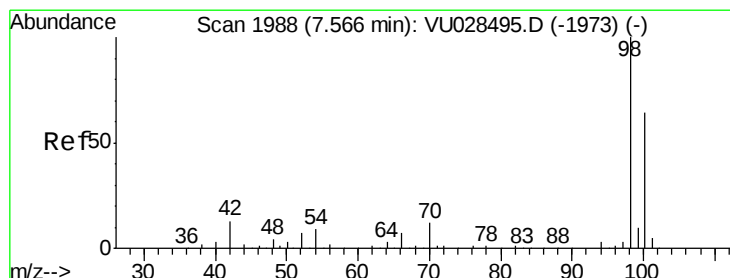
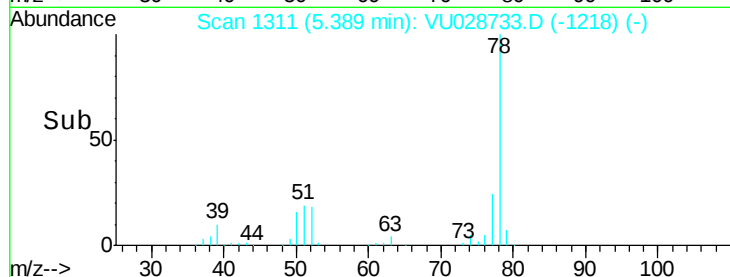
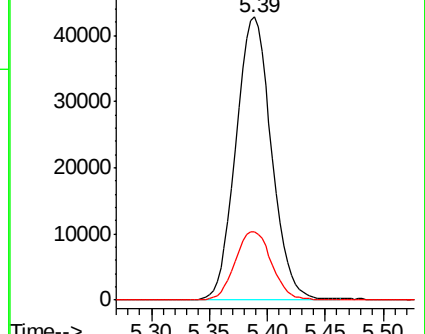
78 100

77 24.3 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 51.136 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028733.D

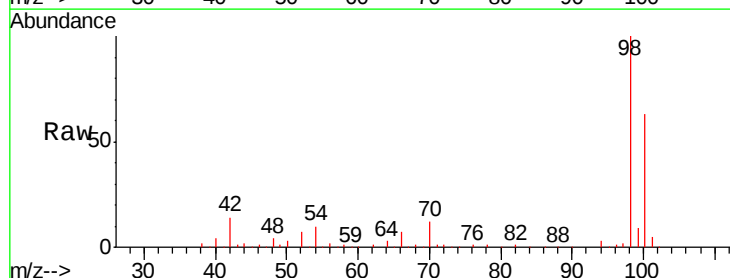
Acq: 17 Dec 2018 20:20

Tgt Ion: 98 Resp: 195339

Ion Ratio Lower Upper

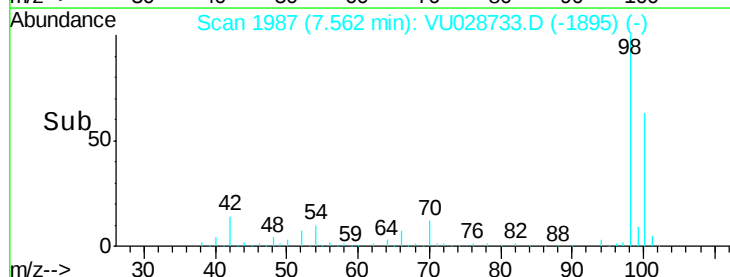
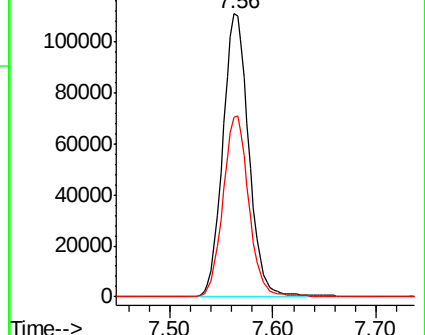
98 100

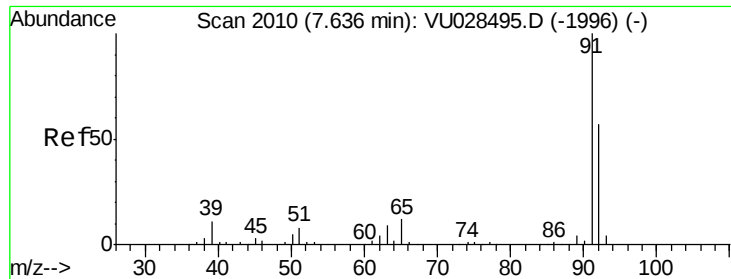
100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 12.619 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

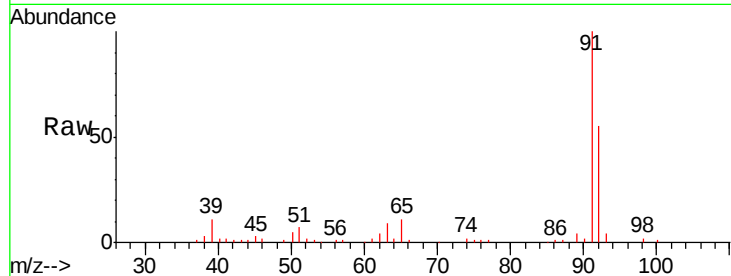
30104

Tgt Ion: 92 Resp: 36728

Ion Ratio Lower Upper

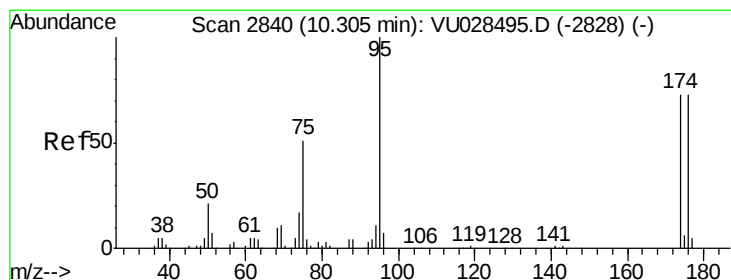
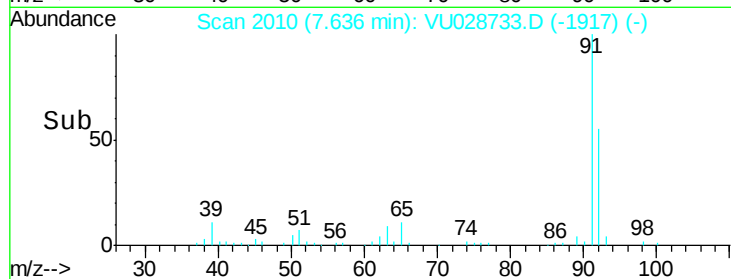
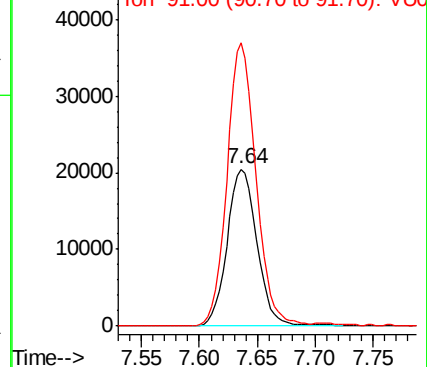
92 100

91 173.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.275 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

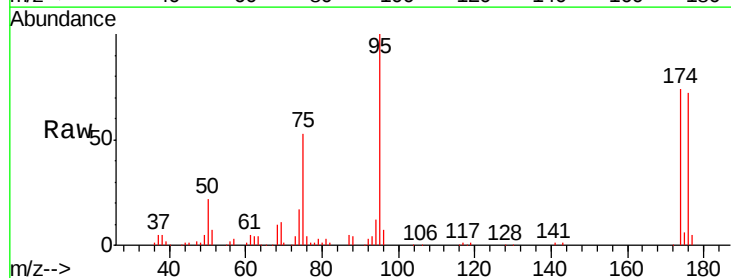
Tgt Ion: 95 Resp: 66070

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

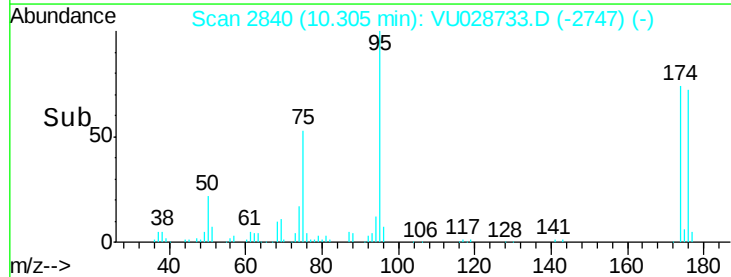
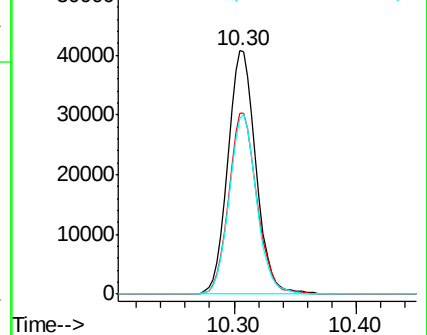
176 71.8 0.0 145.2

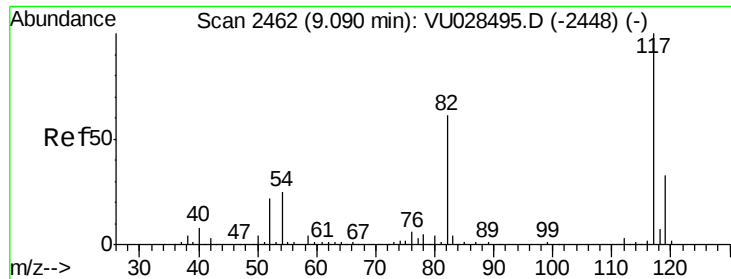


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

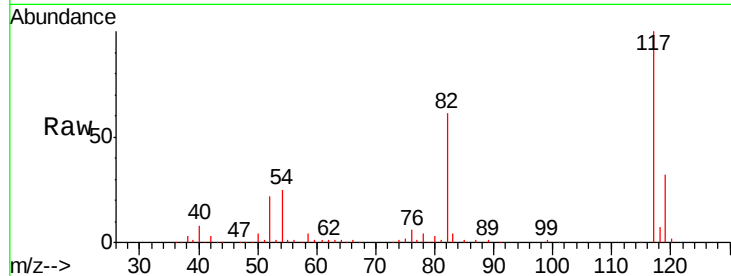




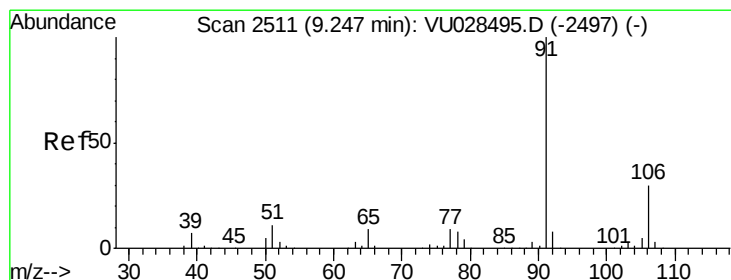
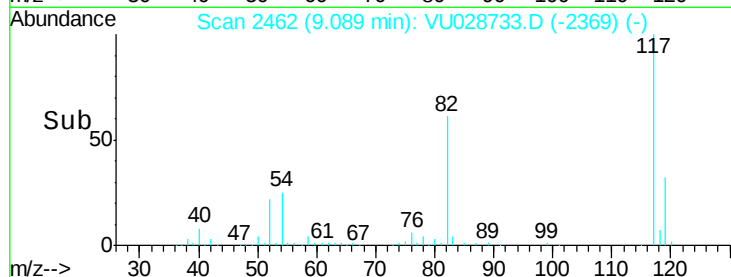
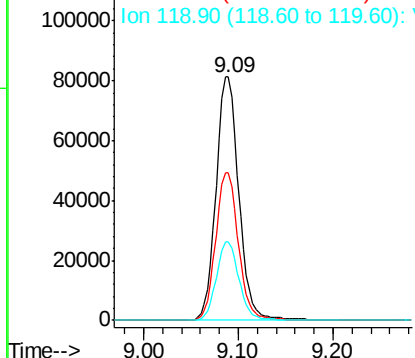
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
30104

Tgt Ion: 117 Resp: 136104
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 32.3 26.2 39.4

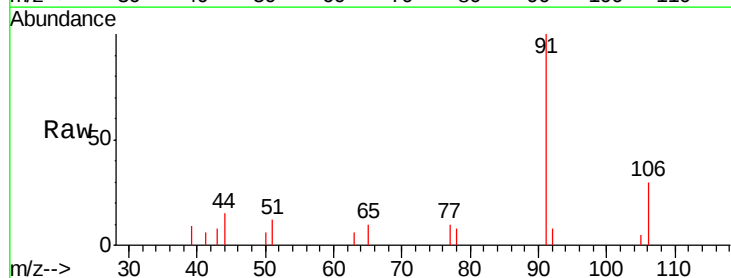


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

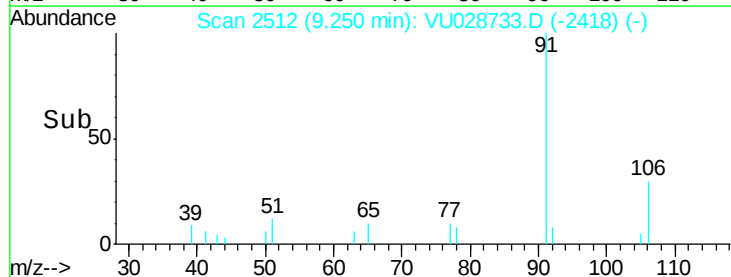
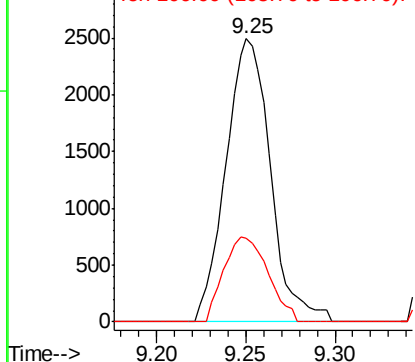


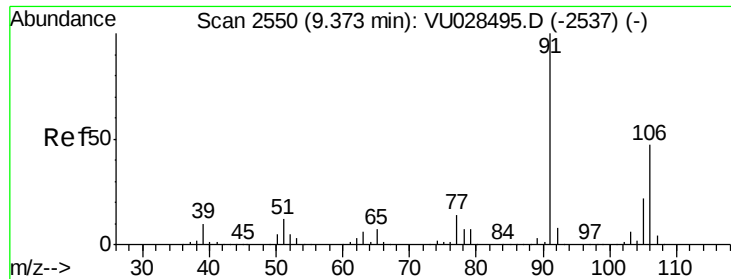
#67
Ethyl Benzene
Concen: 0.811 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 91 Resp: 4324
Ion Ratio Lower Upper
91 100
106 29.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

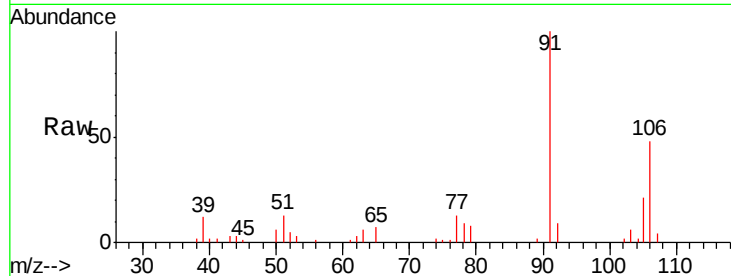




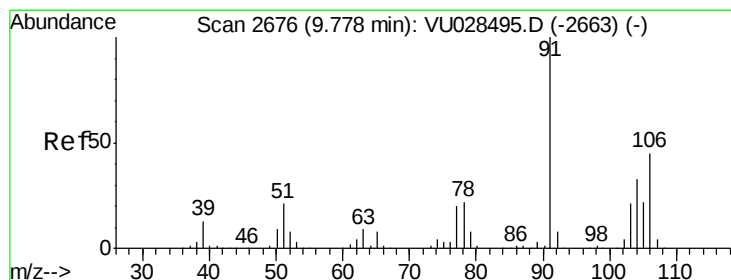
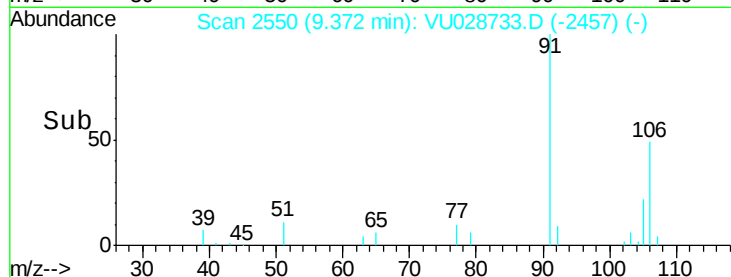
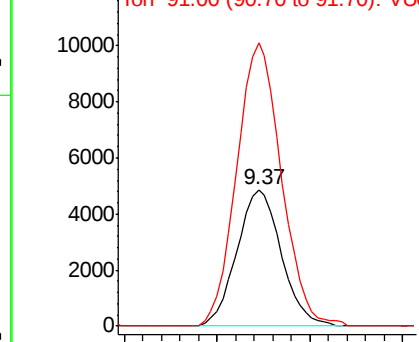
#68
m/p-Xylenes
Concen: 4.167 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
30104

Tgt Ion:106 Resp: 8085
Ion Ratio Lower Upper
106 100
91 208.7 167.4 251.0

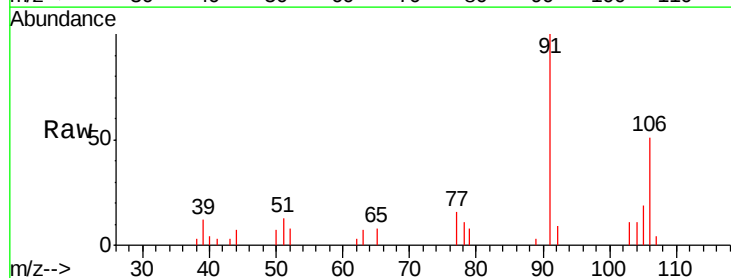


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

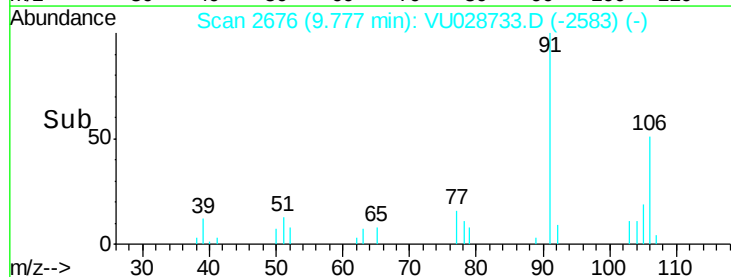
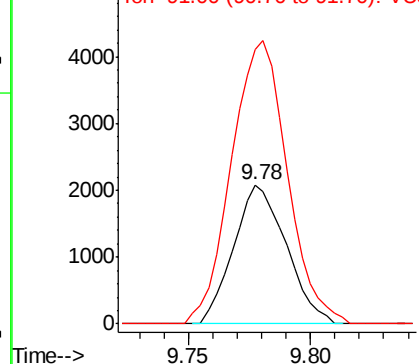


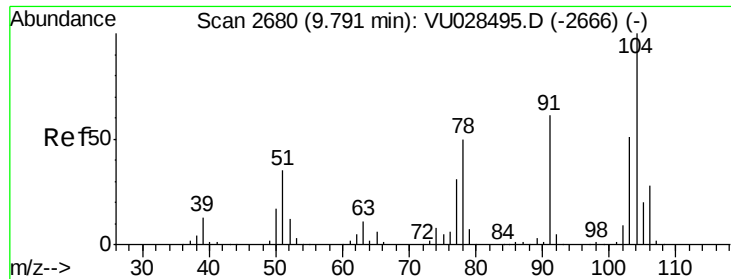
#69
o-Xylene
Concen: 1.655 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

Tgt Ion:106 Resp: 3120
Ion Ratio Lower Upper
106 100
91 216.0 111.3 334.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

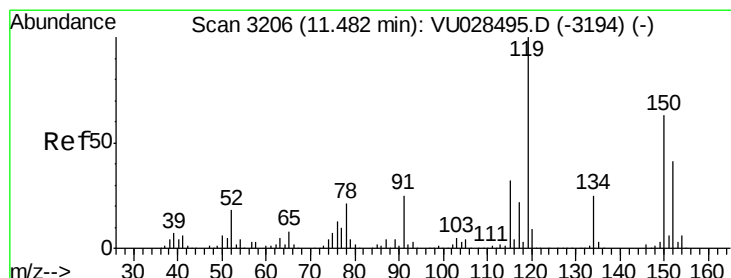
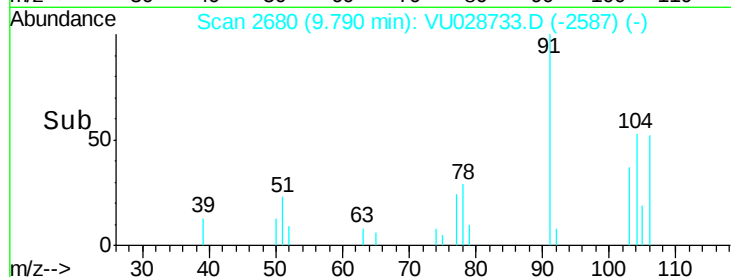
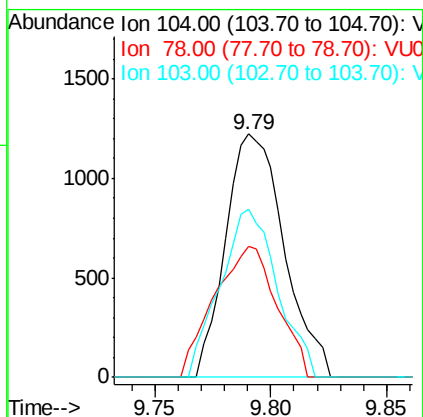
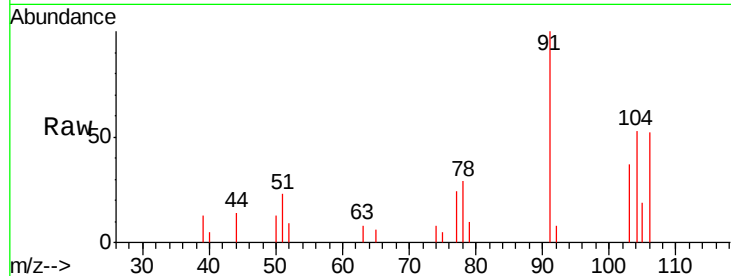




#70
Styrene
Concen: 0.687 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

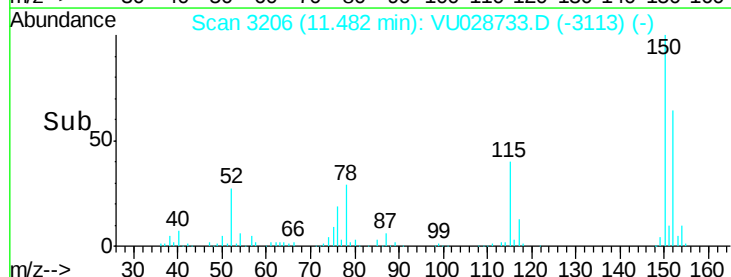
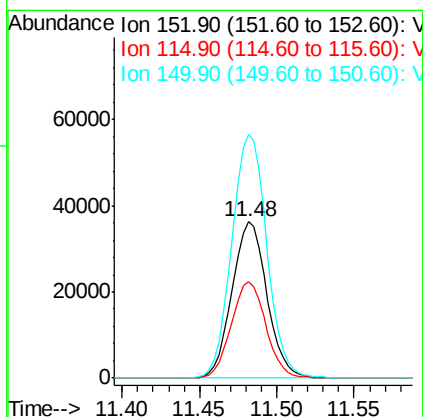
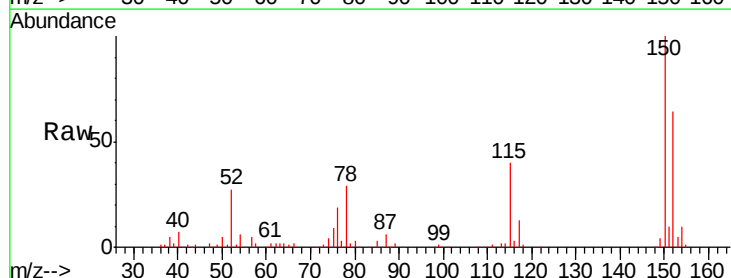
Instrument :
MSVOA_U
ClientSampled :
30104

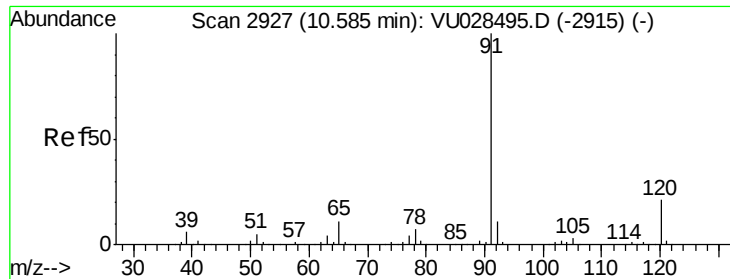
Tgt Ion:104 Resp: 2145
Ion Ratio Lower Upper
104 100
78 57.5 43.0 64.6
103 67.5 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028733.D
Acq: 17 Dec 2018 20:20

Tgt Ion:152 Resp: 56630
Ion Ratio Lower Upper
152 100
115 61.3 42.7 128.1
150 156.8 0.0 346.0





#78

n-propylbenzene

Concen: 0.275 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028733.D

Acq: 17 Dec 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

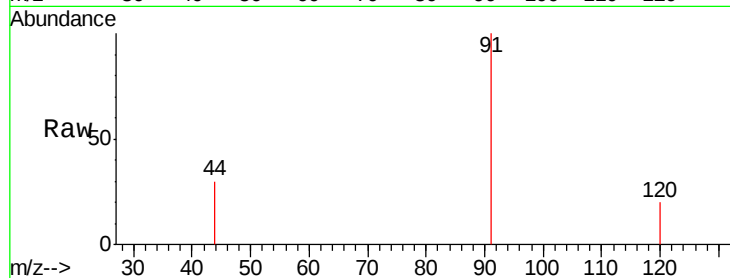
30104

Tgt Ion: 91 Resp: 1483

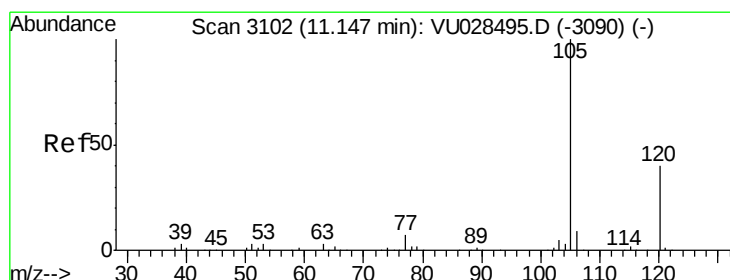
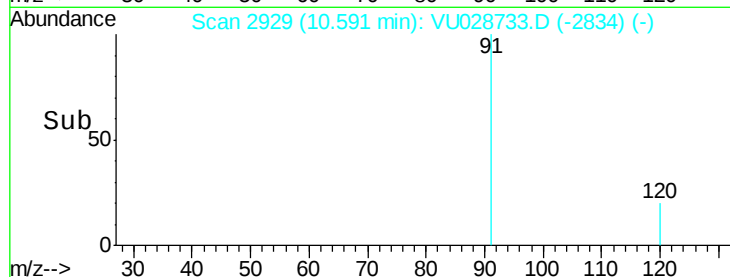
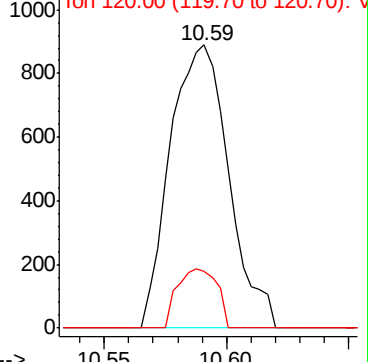
Ion Ratio Lower Upper

91 100

120 14.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2915) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.214 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028733.D

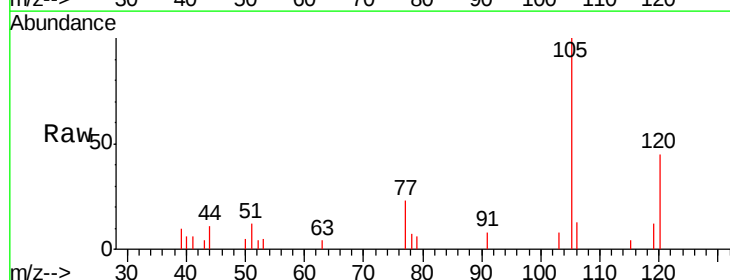
Acq: 17 Dec 2018 20:20

Tgt Ion: 105 Resp: 4502

Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-3090) (-)

