

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028582.D
 Acq On : 11 Dec 2018 04:28
 Operator : MD/SY
 Sample : J6305-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

Quant Time: Dec 11 08:19:08 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	79178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	148108	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54870	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	69272	57.33	ug/l	0.00
Spiked Amount			Recovery	=	114.66%	
35) Dibromofluoromethane	4.88	113	49418	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	7.56	98	190352	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	10.31	95	64718	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	

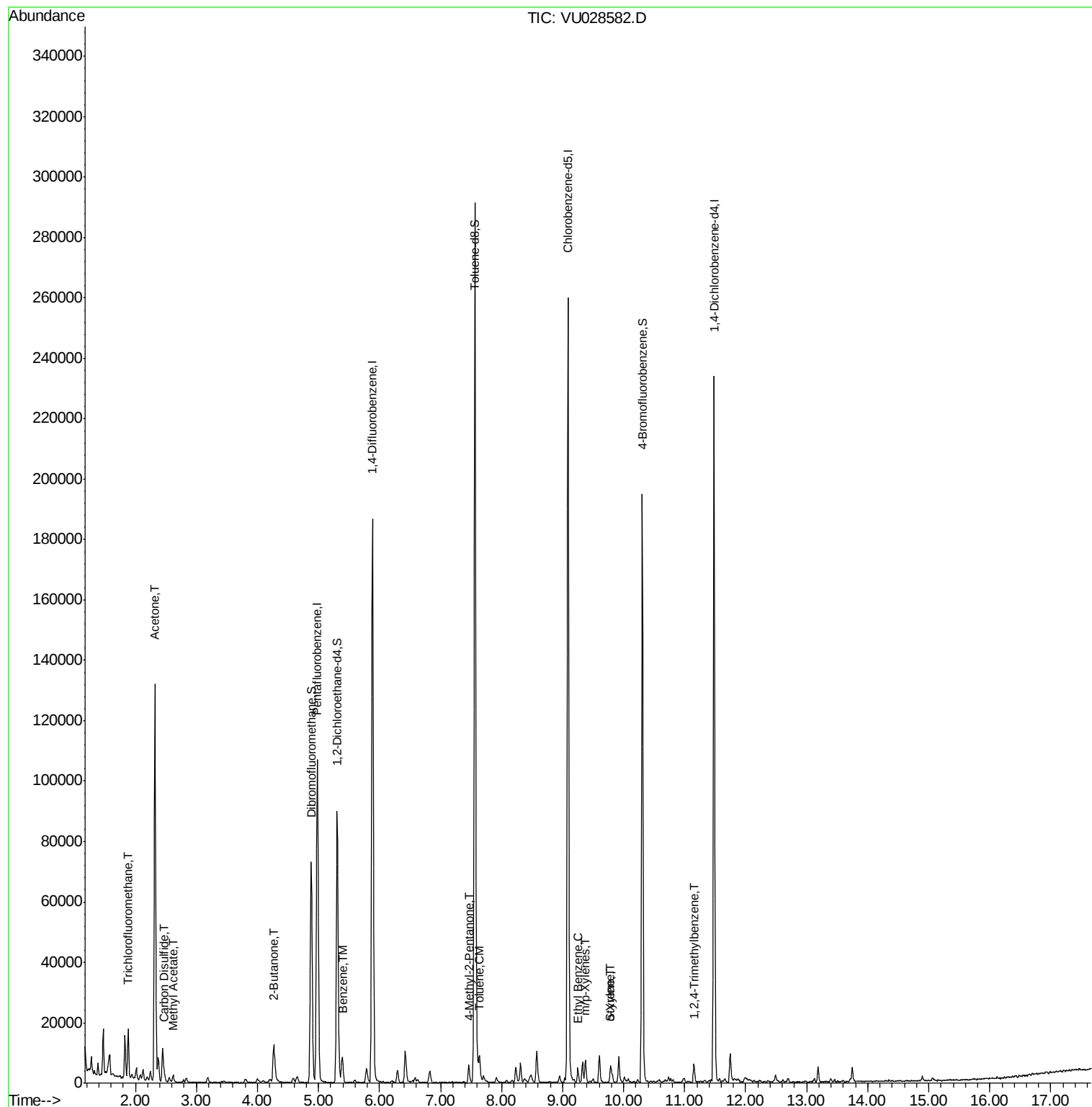
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	1.88	101	9908	6.688	ug/l	99
16) Acetone	2.32	43	134649	170.771	ug/l	99
17) Carbon Disulfide	2.48	76	2797	0.881	ug/l #	91
18) Methyl Acetate	2.62	43	3468	1.697	ug/l #	88
25) 2-Butanone	4.27	43	23370	21.688	ug/l	96
40) Benzene	5.39	78	8239	1.726	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	4701	2.249	ug/l	93
52) Toluene	7.64	92	2932	1.044	ug/l	82
67) Ethyl Benzene	9.25	91	3457	0.657	ug/l	94
68) m/p-Xylenes	9.38	106	2005	1.048	ug/l	100
69) o-Xylene	9.78	106	779	0.419	ug/l	99
70) Styrene	9.79	104	2085	0.677	ug/l	93
84) 1,2,4-Trimethylbenzene	11.15	105	2485	0.692	ug/l	88

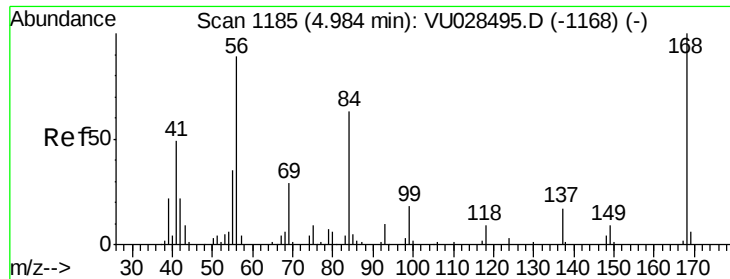
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Quant Time: Dec 11 08:19:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 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: VU028582.D

Acq: 11 Dec 2018 04:28

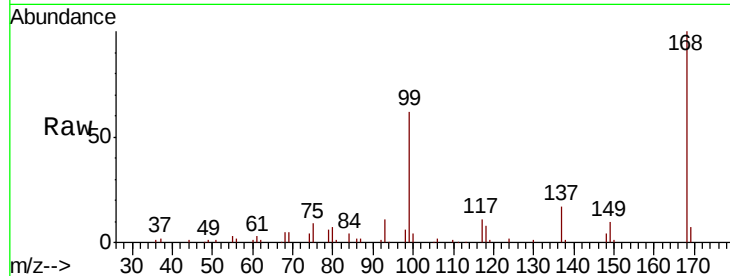
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:168 Resp: 79178

Ion Ratio Lower Upper

168 100

99 62.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

30000

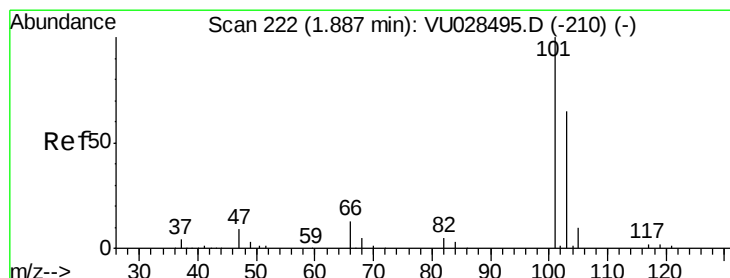
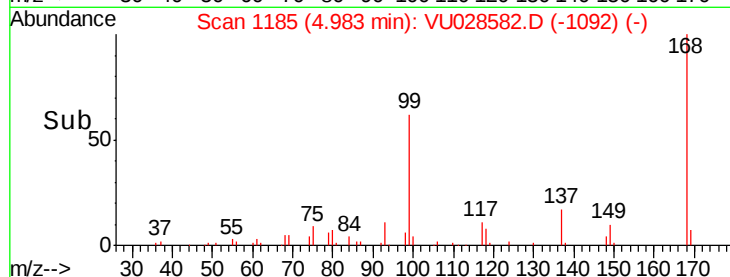
20000

10000

0

4.90 5.00 5.10

Time-->



#7

Trichlorofluoromethane

Concen: 6.688 ug/l

RT: 1.88 min Scan# 221

Delta R.T. -0.00 min

Lab File: VU028582.D

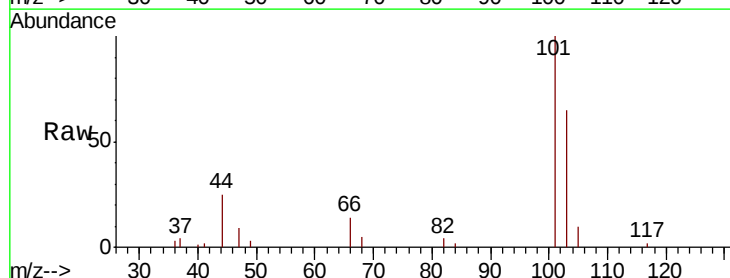
Acq: 11 Dec 2018 04:28

Tgt Ion:101 Resp: 9908

Ion Ratio Lower Upper

101 100

103 64.9 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.88

8000

6000

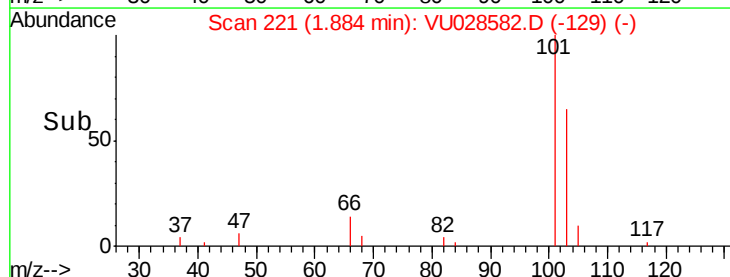
4000

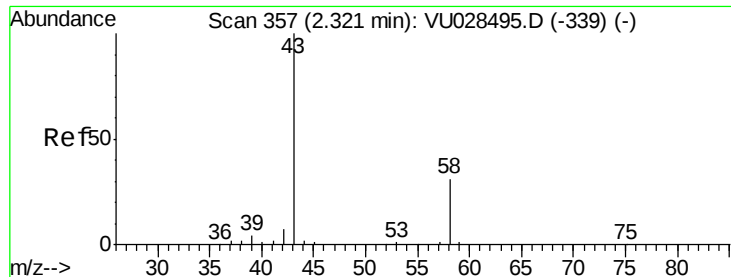
2000

0

1.85 1.90

Time-->





#16

Acetone

Concen: 170.771 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

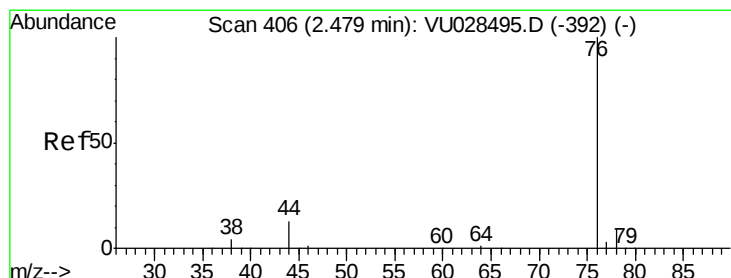
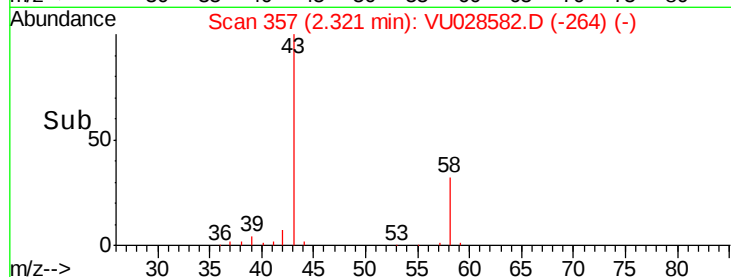
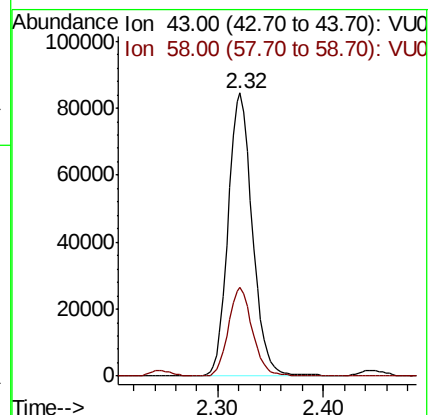
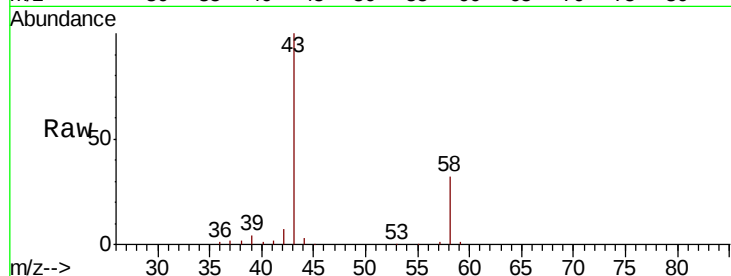
P001-SW004-02

Tot Ion: 43 Resp: 134649

Ion Ratio Lower Upper

43 100

58 31.6 24.6 37.0



#17

Carbon Disulfide

Concen: 0.881 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028582.D

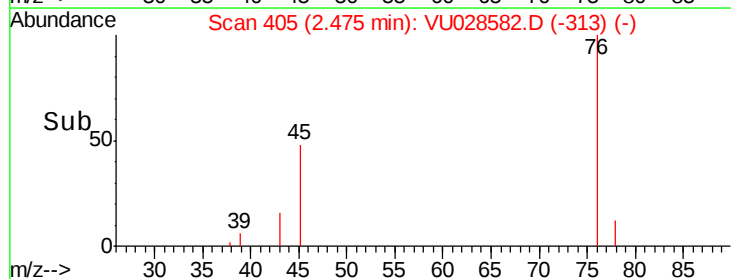
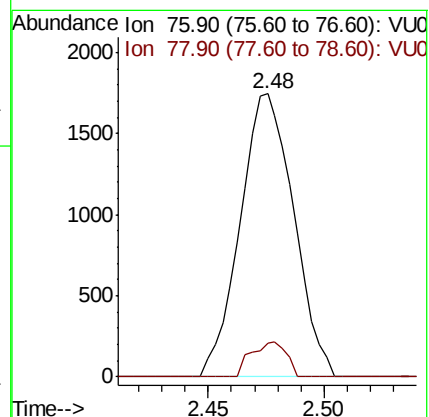
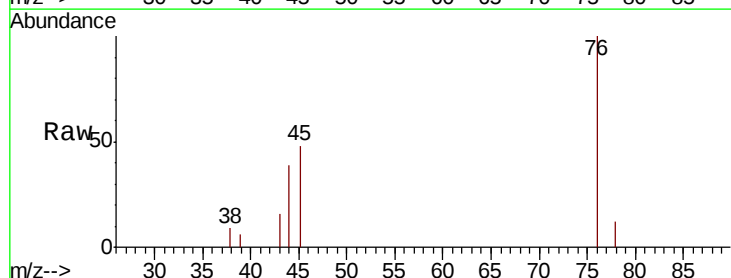
Acq: 11 Dec 2018 04:28

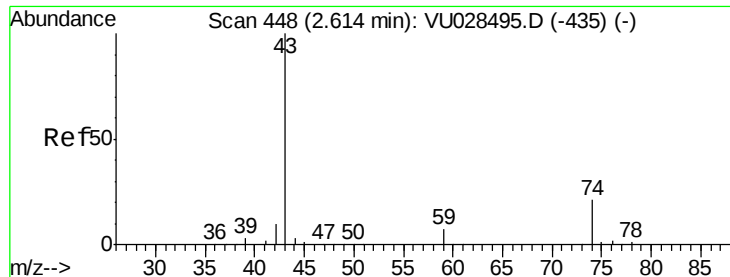
Tgt Ion: 76 Resp: 2797

Ion Ratio Lower Upper

76 100

78 12.2 7.2 10.8#

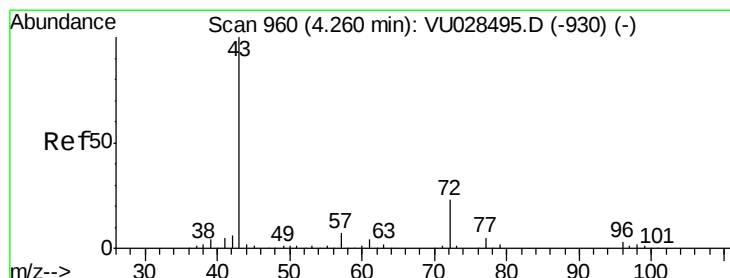
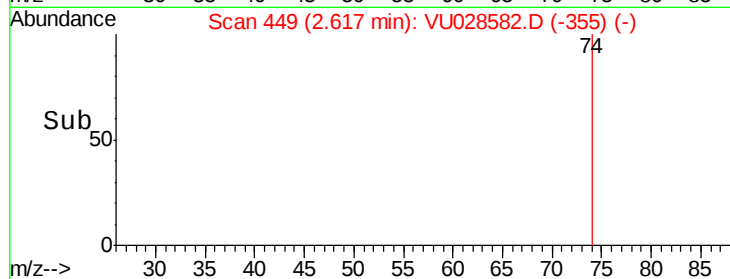
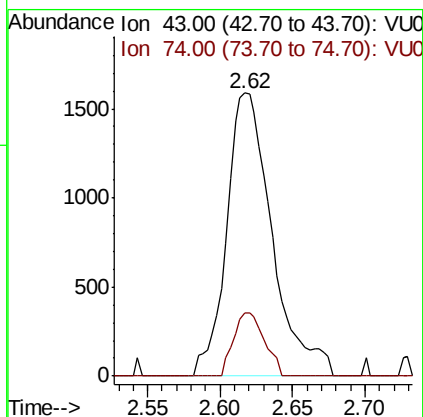
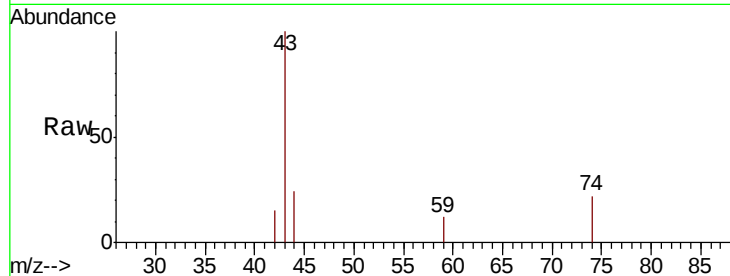




#18
Methvl Acetate
Concen: 1.697 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

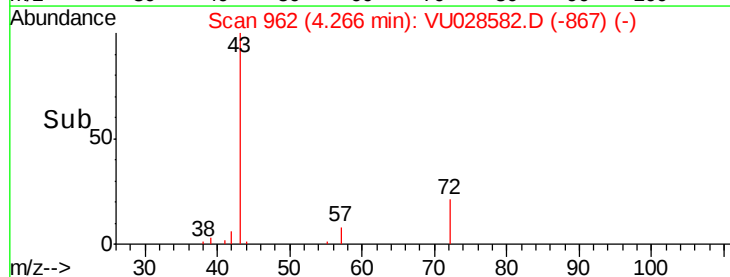
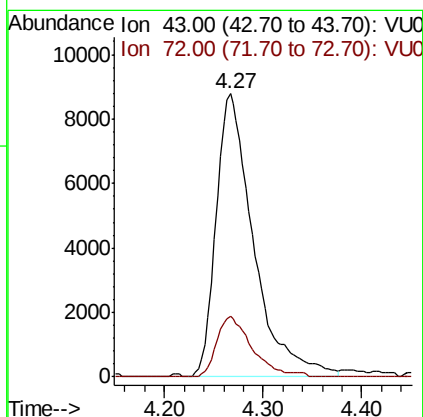
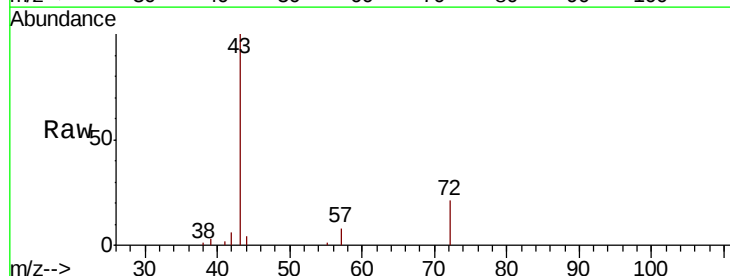
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

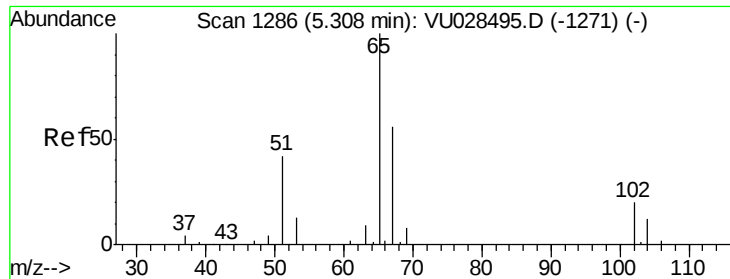
Tot Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
74 15.1 16.4 24.6#



#25
2-Butanone
Concen: 21.688 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 23370
Ion Ratio Lower Upper
43 100
72 21.2 18.6 28.0

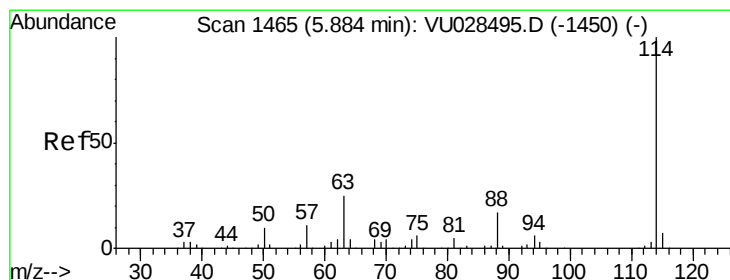
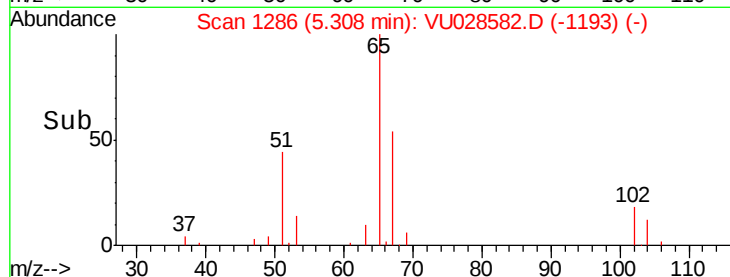
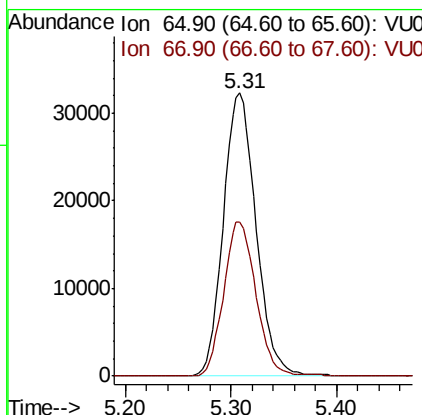
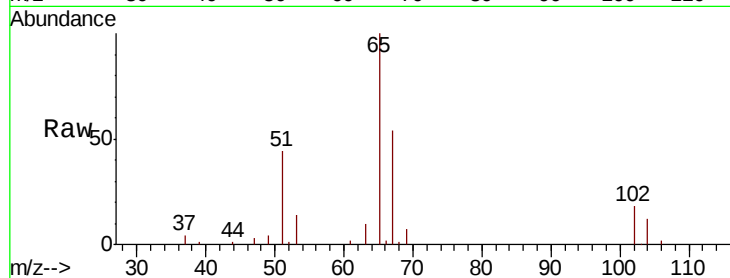




#33
 1,2-Dichloroethane-d4
 Concen: 57.330 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

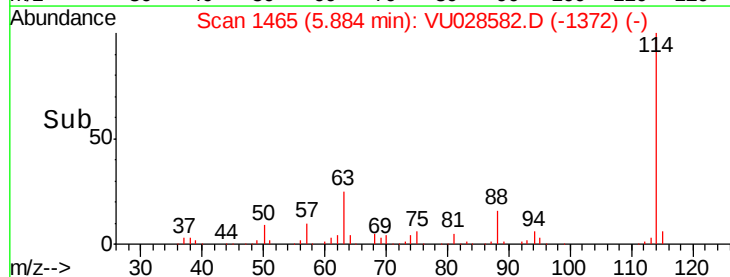
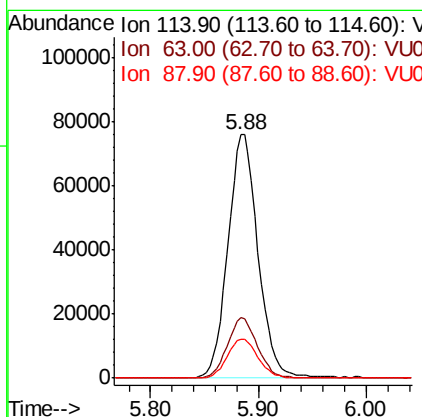
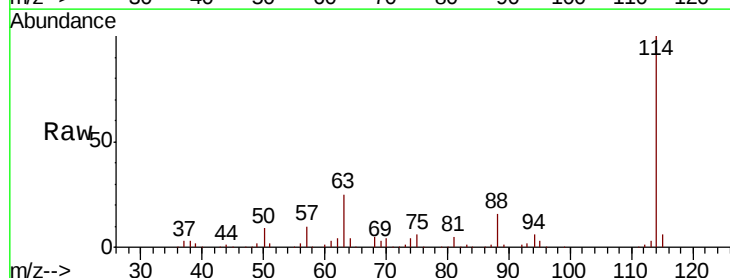
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

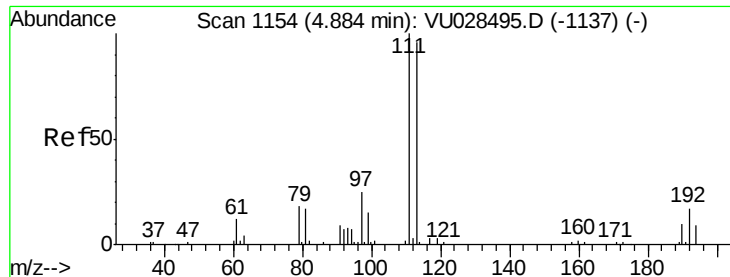
Tot Ion: 65 Resp: 69272
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Tgt Ion: 114 Resp: 148108
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.2 0.0 33.4

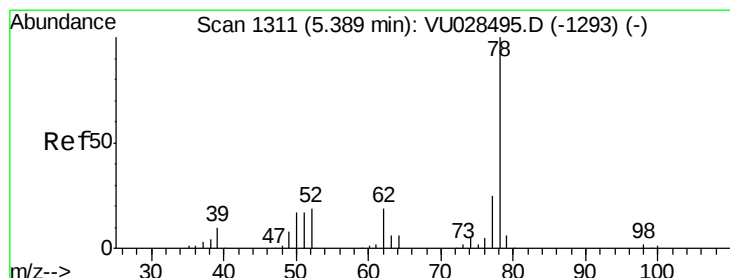
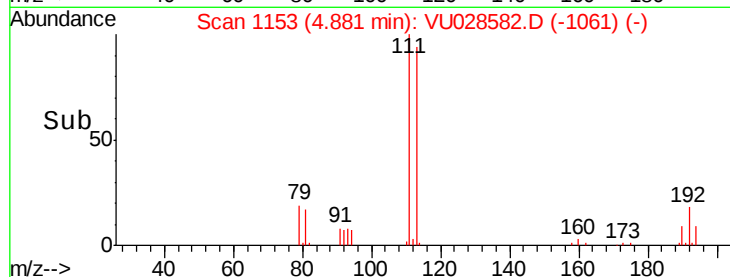
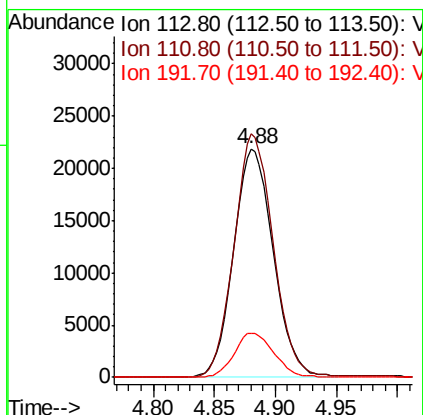
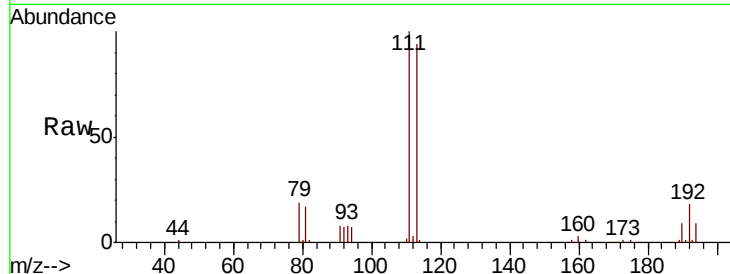




#35
 Dibromofluoromethane
 Concen: 53.021 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

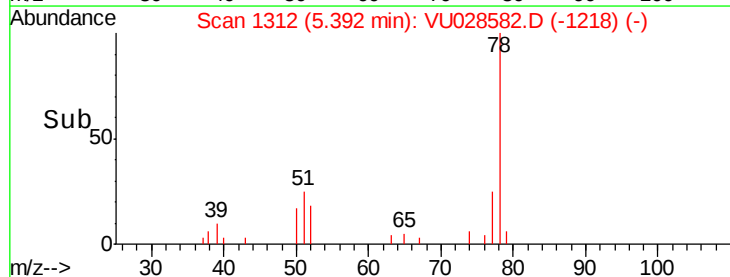
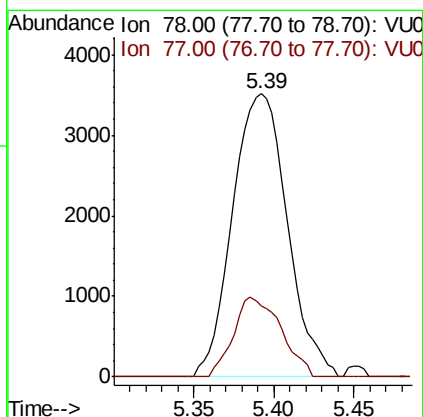
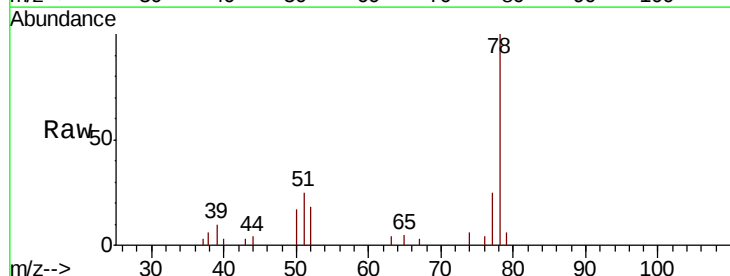
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

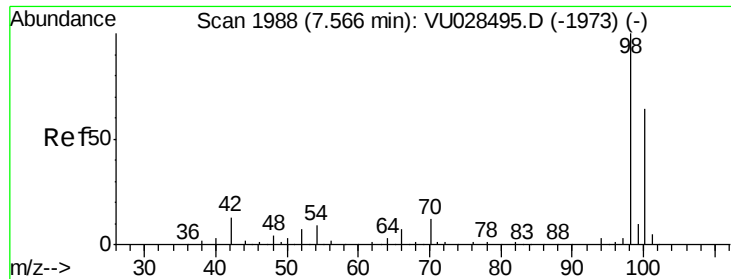
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.4	125.0
192	19.2	14.8	22.2



#40
 Benzene
 Concen: 1.726 ug/l
 RT: 5.39 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.9	29.9





#50

Toluene-d8

Concen: 51.627 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

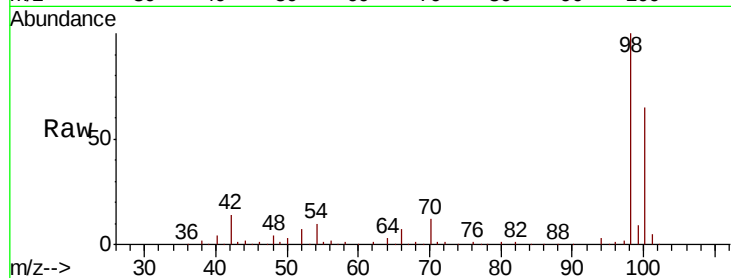
P001-SW004-02

Tot Ion: 98 Resp: 190352

Ion Ratio Lower Upper

98 100

100 64.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

120000

100000

80000

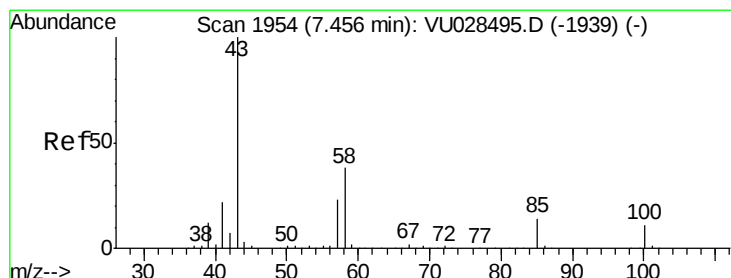
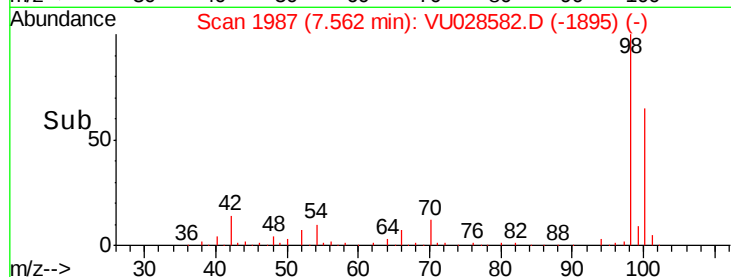
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.249 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028582.D

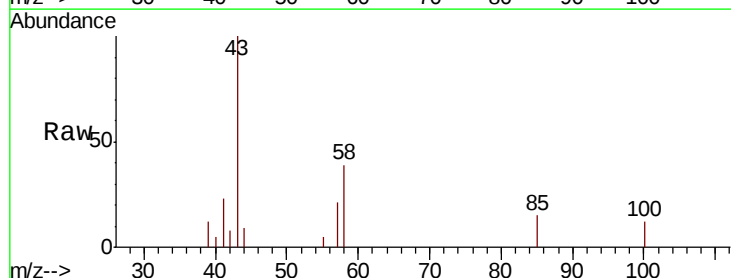
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 4701

Ion Ratio Lower Upper

43 100

58 33.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

7.46

2500

2000

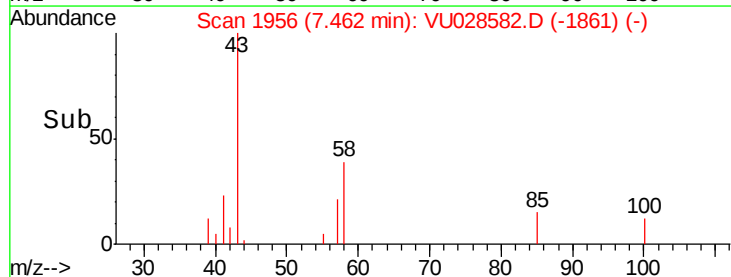
1500

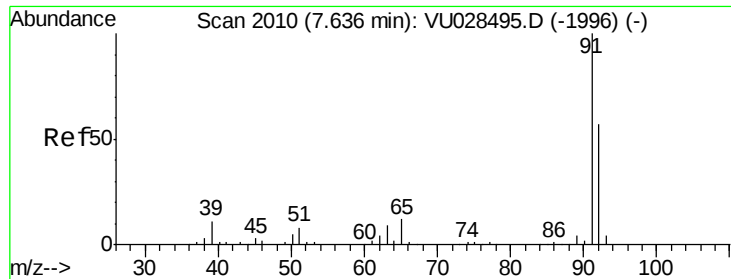
1000

500

0

Time-->





#52

Toluene

Concen: 1.044 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

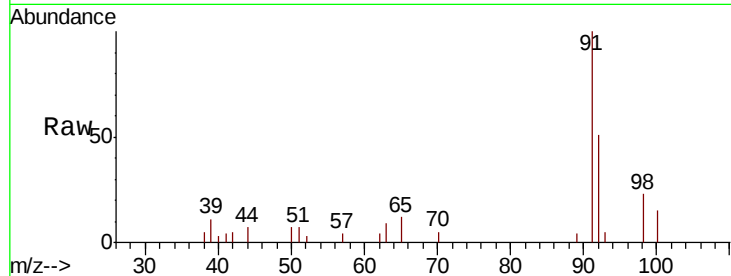
P001-SW004-02

Tot Ion: 92 Resp: 2932

Ion Ratio Lower Upper

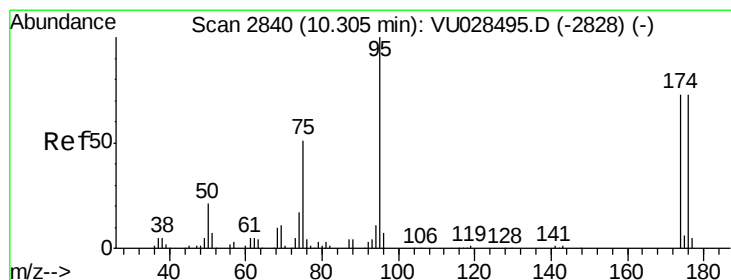
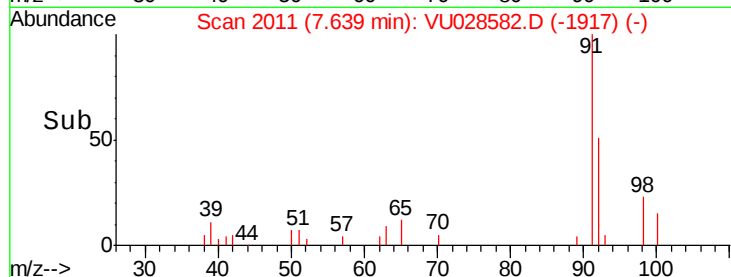
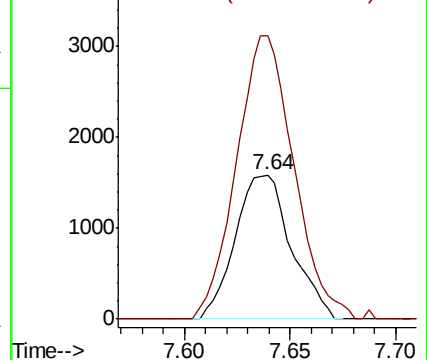
92 100

91 201.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.962 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

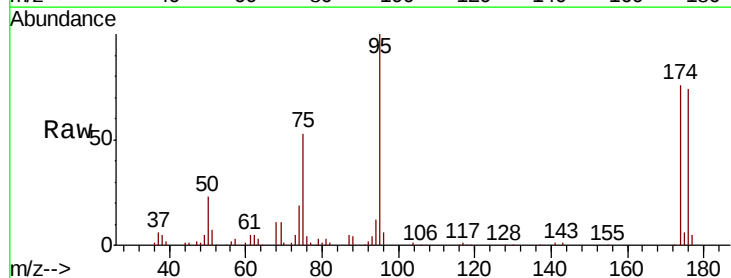
Tgt Ion: 95 Resp: 64718

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

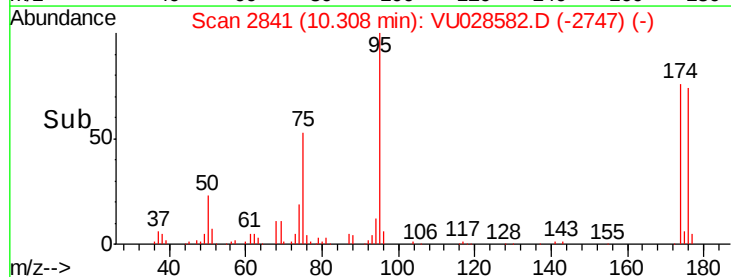
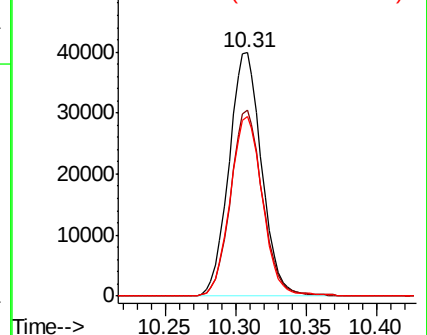
176 73.0 0.0 145.2

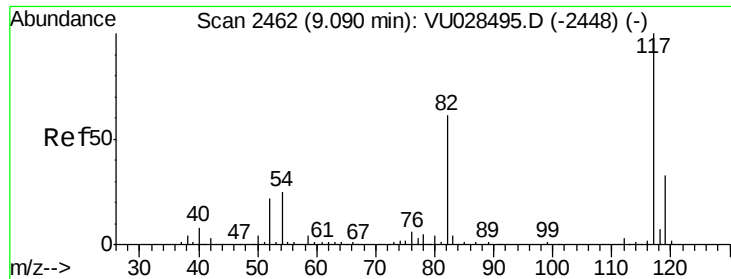


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

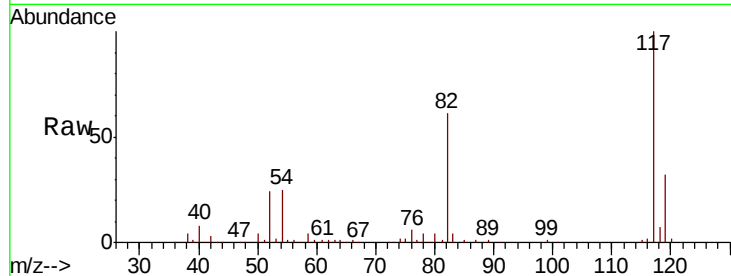




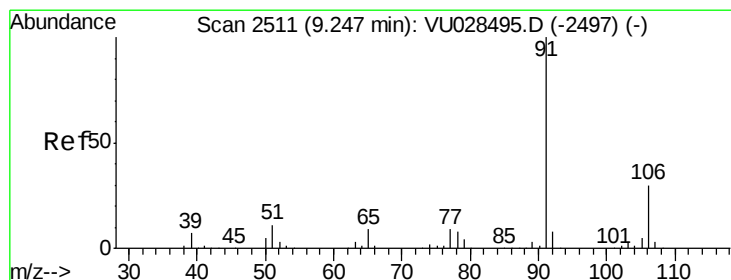
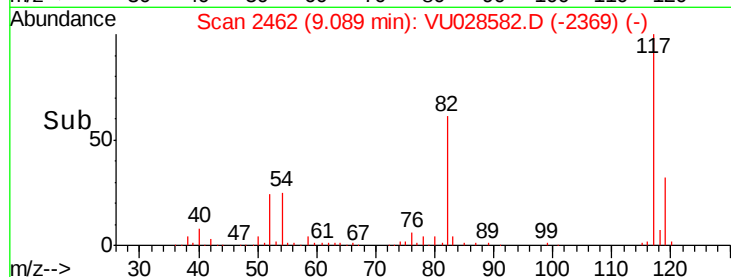
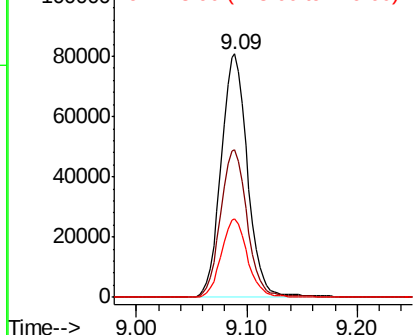
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:117 Resp: 134265
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 32.2 26.2 39.4

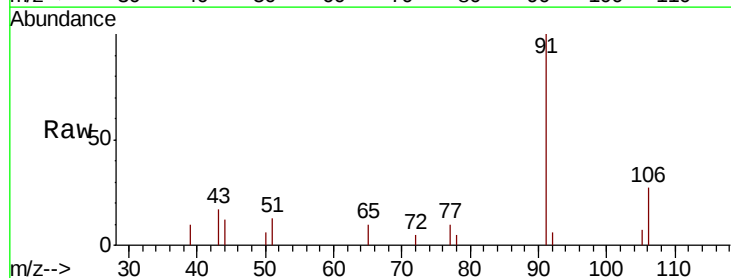


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

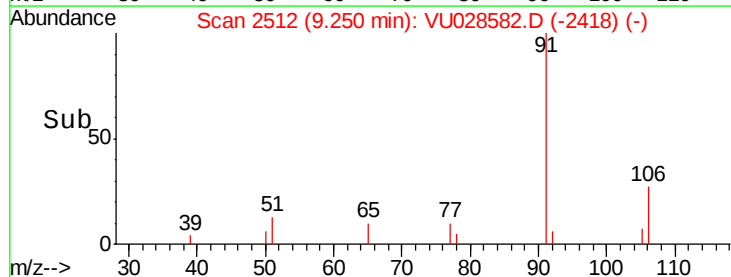
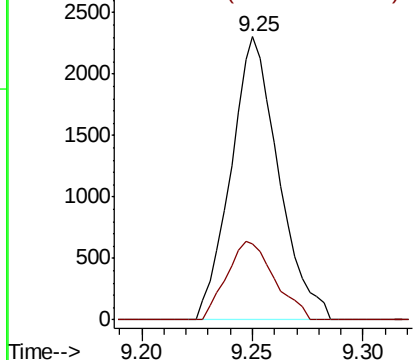


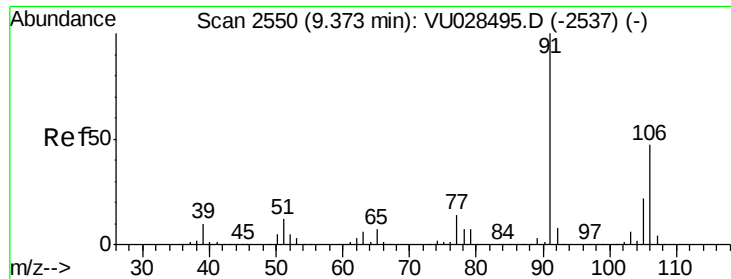
#67
Ethyl Benzene
Concen: 0.657 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 91 Resp: 3457
Ion Ratio Lower Upper
91 100
106 27.0 24.1 36.1



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

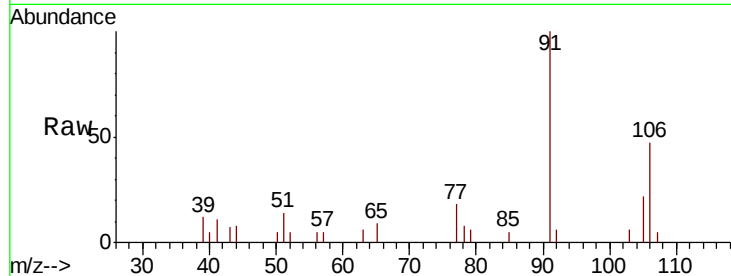




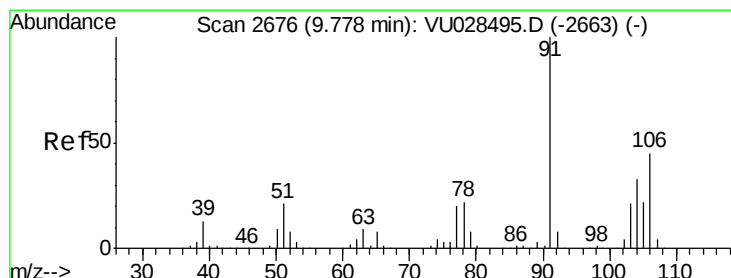
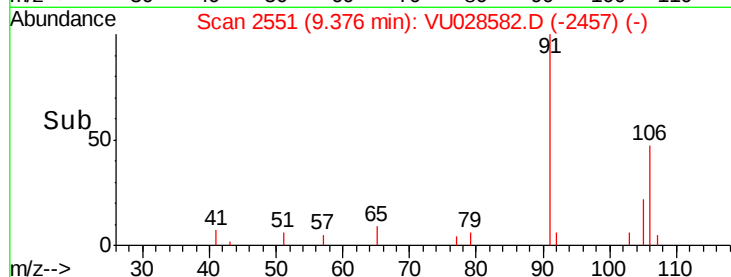
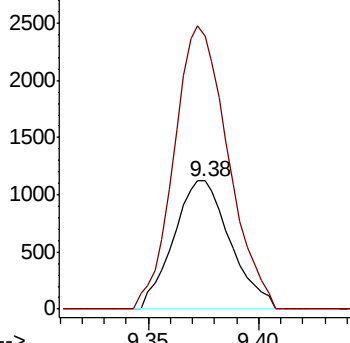
#68
m/p-Xylenes
Concen: 1.048 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:106 Resp: 2005
Ion Ratio Lower Upper
106 100
91 209.8 167.4 251.0

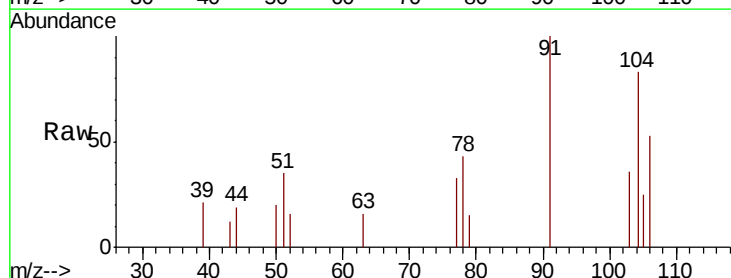


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

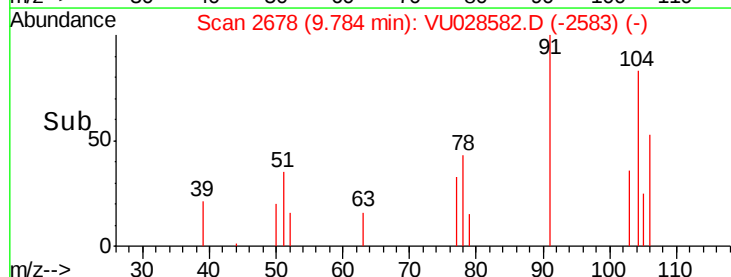
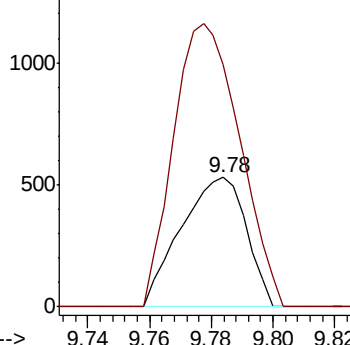


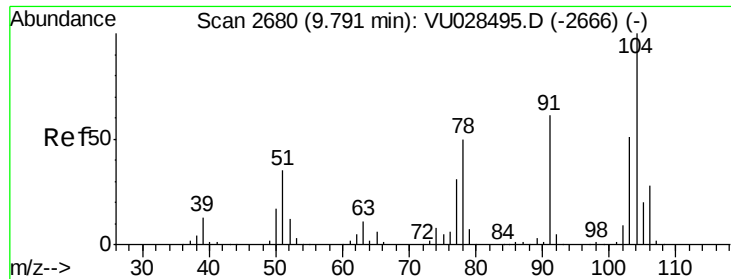
#69
o-Xylene
Concen: 0.419 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:106 Resp: 779
Ion Ratio Lower Upper
106 100
91 221.4 111.3 334.0



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

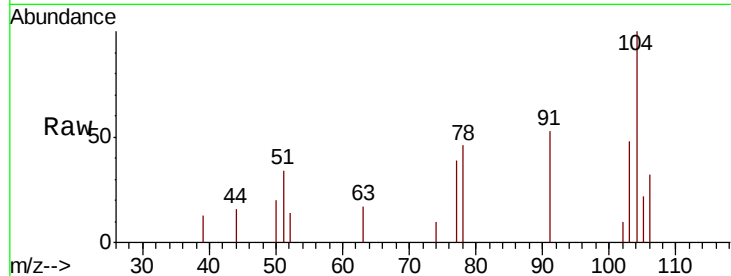




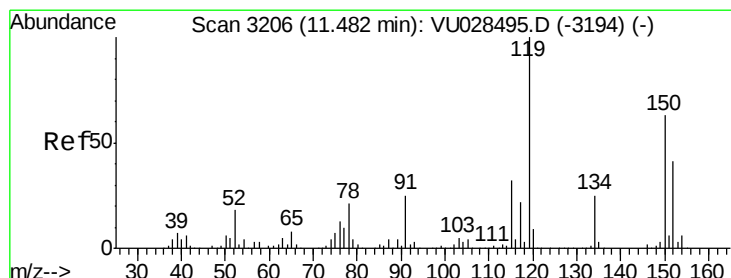
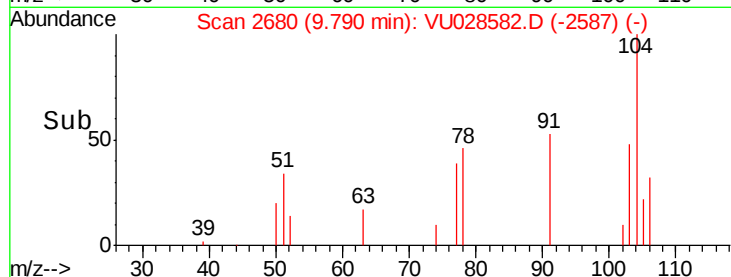
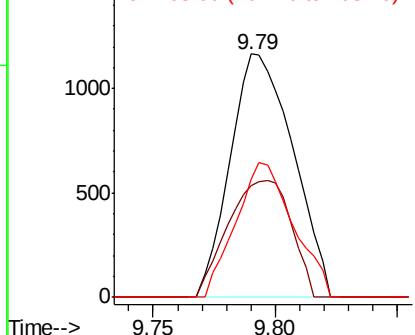
#70
Stvrene
Concen: 0.677 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:104 Resp: 2085
Ion Ratio Lower Upper
104 100
78 48.3 43.0 64.6
103 50.4 44.2 66.4

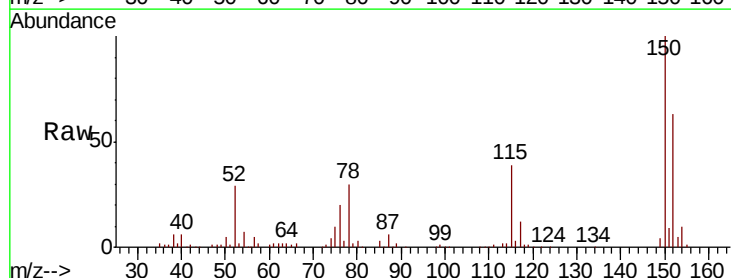


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

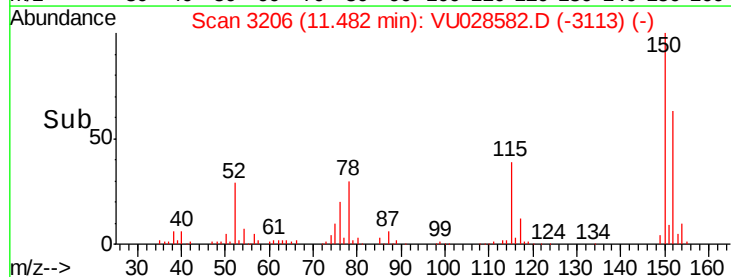
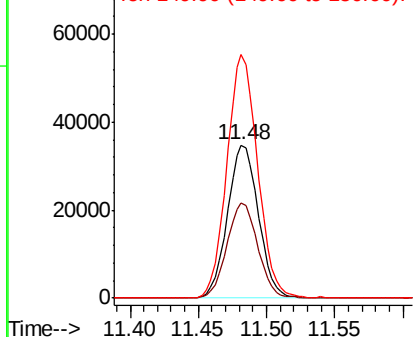


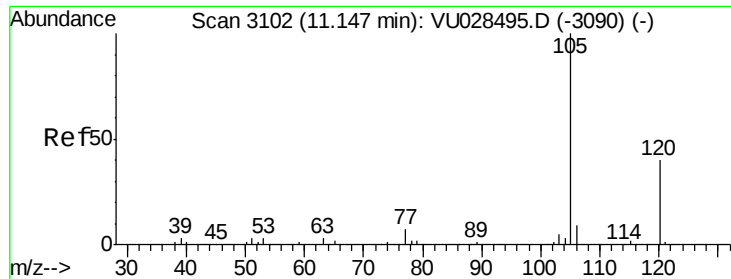
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:152 Resp: 54870
Ion Ratio Lower Upper
152 100
115 62.2 42.7 128.1
150 157.6 0.0 346.0



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





#84

1,2,4-Trimethylbenzene

Concen: 0.692 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

Tot Ion:105 Resp: 2485

Ion Ratio Lower Upper

105 100

120 36.1 21.8 65.4

