

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028749.D
 Acq On : 18 Dec 2018 03:35
 Operator : MD/SY
 Sample : J6413-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2R

Quant Time: Dec 18 08:32:18 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	92939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	166249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59938	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	72905	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	4.88	113	55659	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
50) Toluene-d8	7.56	98	214598	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	10.30	95	69847	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	

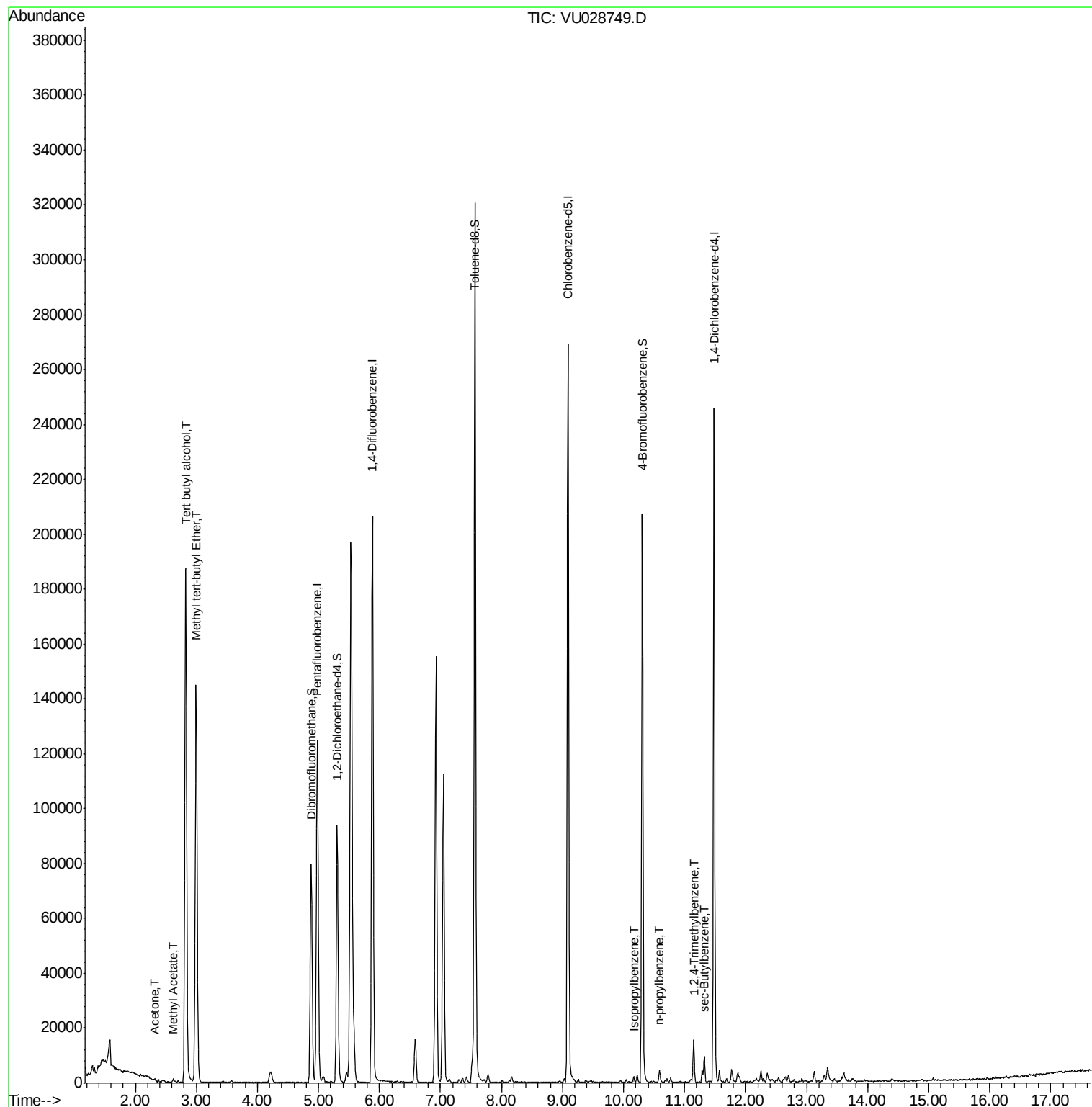
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	223984	708.824	ug/l	100
16) Acetone	2.32	43	1351	1.460	ug/l #	81
18) Methyl Acetate	2.62	43	1786	0.744	ug/l #	67
19) Methyl tert-butyl Ether	3.00	73	148274	37.799	ug/l	99
73) Isopropylbenzene	10.17	105	1721	0.374	ug/l	89
78) n-propylbenzene	10.59	91	4415	0.773	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	8744	2.229	ug/l	97
85) sec-Butylbenzene	11.32	105	6035	1.280	ug/l	97

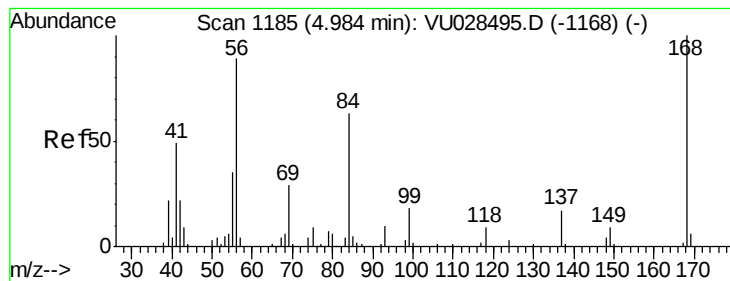
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028749.D

Acq: 18 Dec 2018 03:35

Instrument :

MSVOA_U

ClientSampleId :

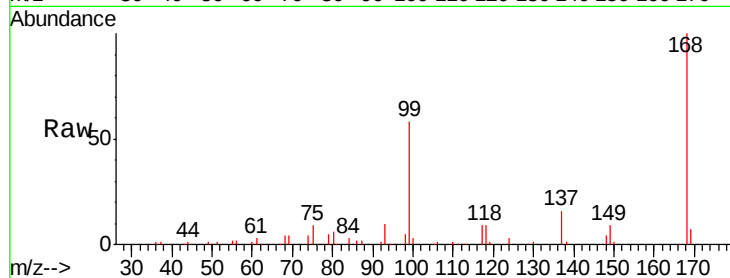
MW-2R

Tgt Ion:168 Resp: 92939

Ion Ratio Lower Upper

168 100

99 57.8 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) (-)

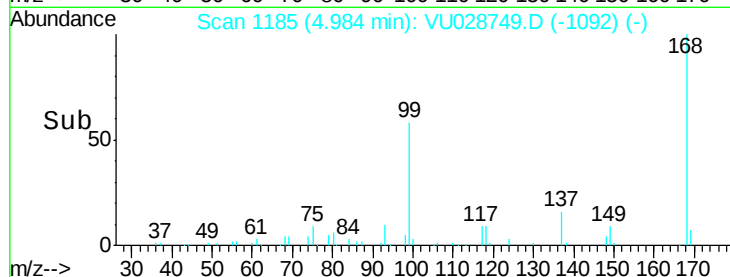
4.98

4.90

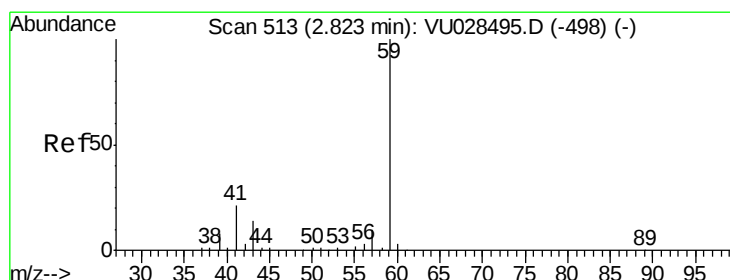
4.95

5.00

5.05



Time-->



#11

Tert butyl alcohol

Concen: 708.824 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028749.D

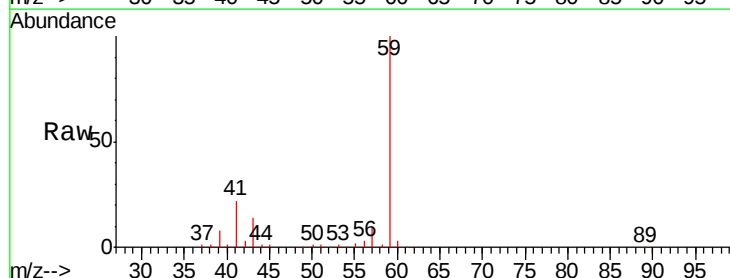
Acq: 18 Dec 2018 03:35

Tgt Ion: 59 Resp: 223984

Ion Ratio Lower Upper

59 100

57 9.8 8.0 12.0



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

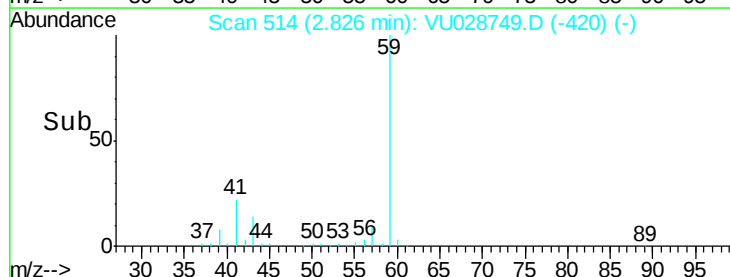
Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)

2.83

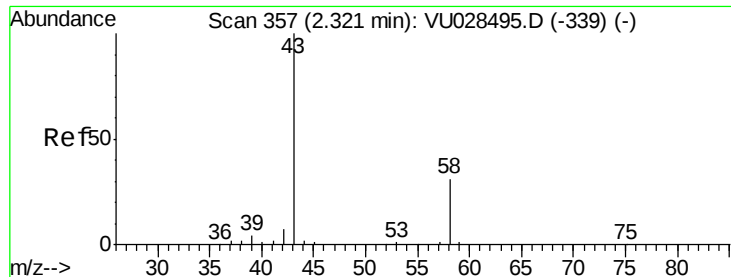
2.70

2.80

2.90



Time-->



#16

Acetone

Concen: 1.460 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028749.D

Acq: 18 Dec 2018 03:35

Instrument :

MSVOA_U

ClientSampleId :

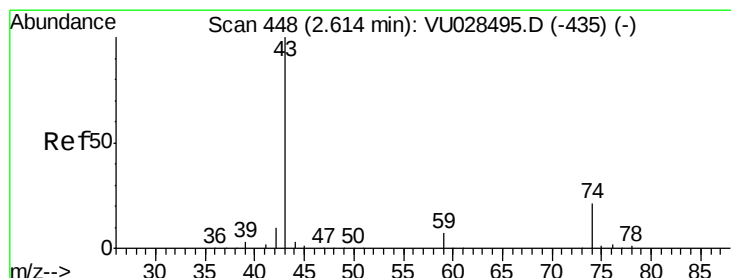
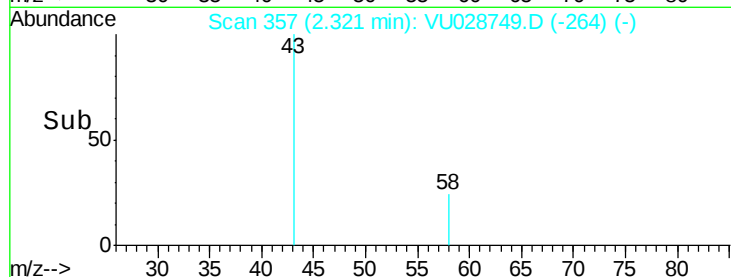
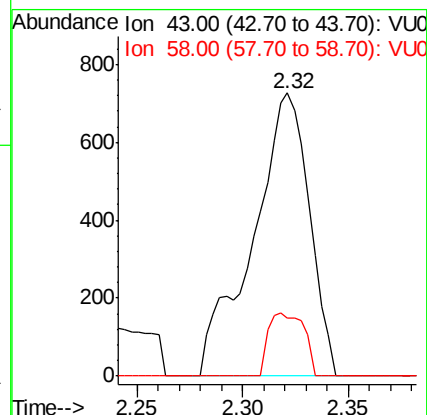
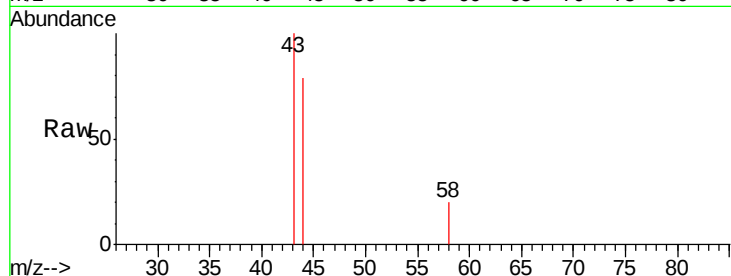
MW-2R

Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

58 20.4 24.6 37.0#



#18

Methyl Acetate

Concen: 0.744 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028749.D

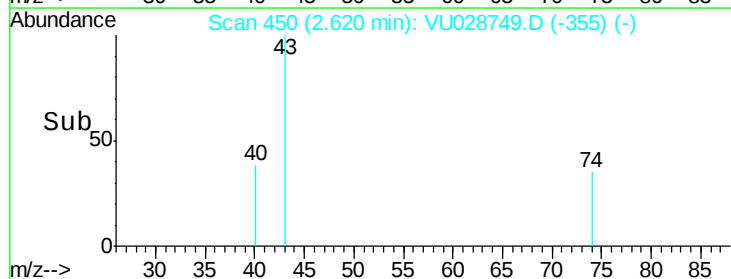
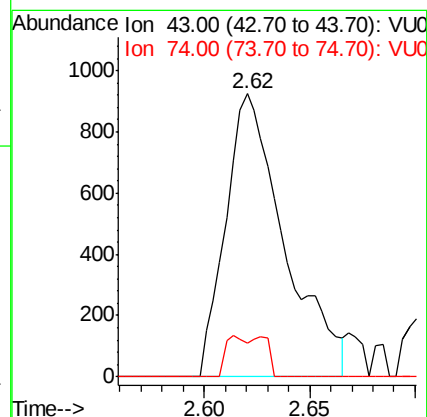
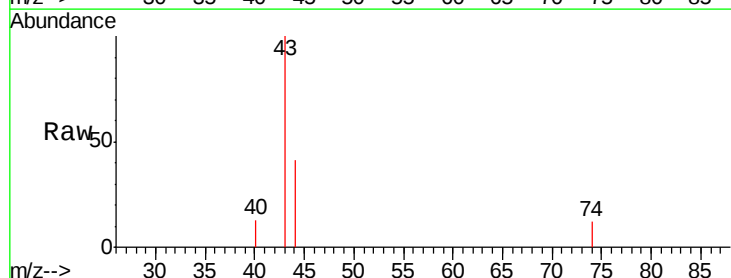
Acq: 18 Dec 2018 03:35

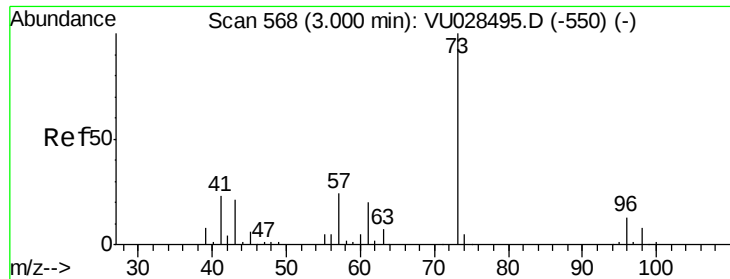
Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

74 5.3 16.4 24.6#

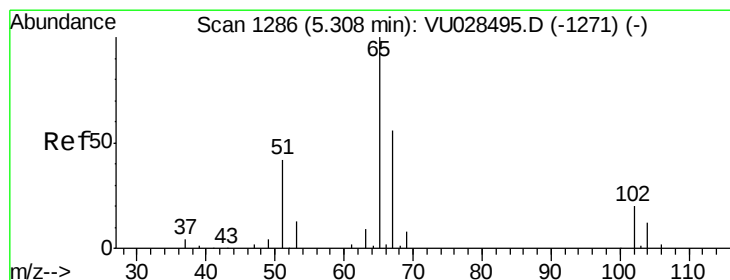
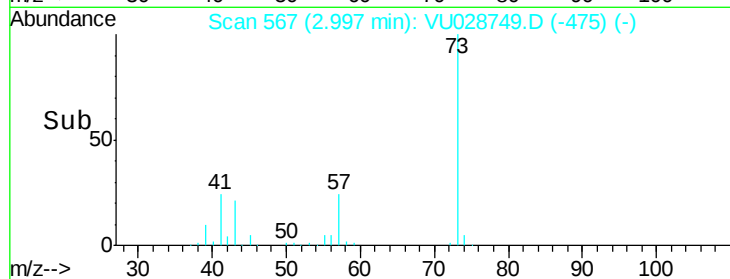
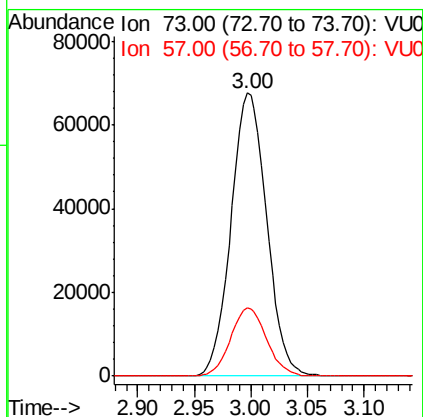
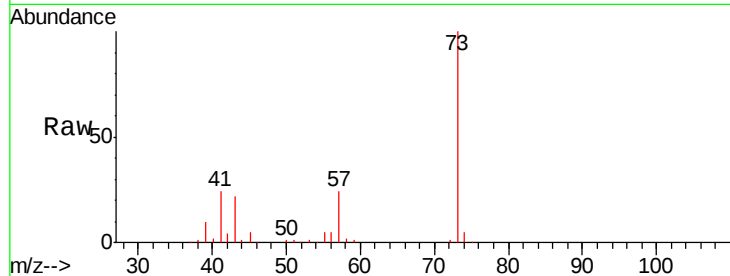




#19
Methyl tert-butyl Ether
Concen: 37.799 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

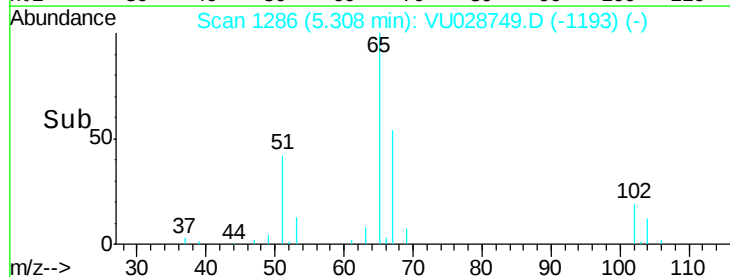
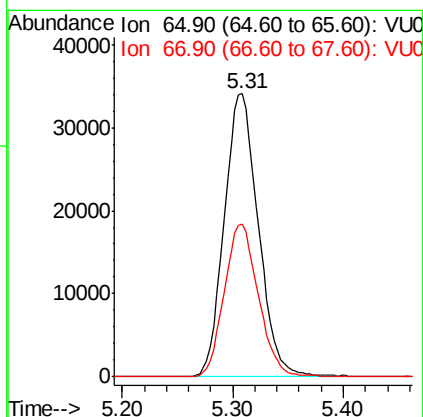
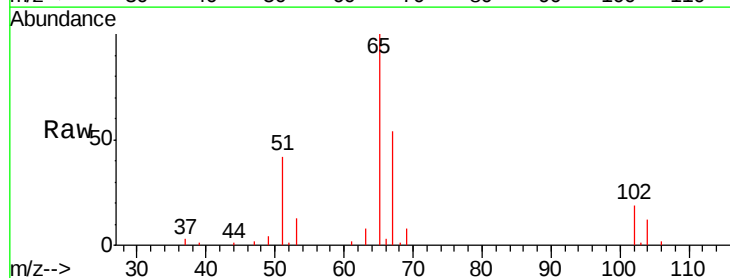
Instrument :
MSVOA_U
ClientSampleId :
MW-2R

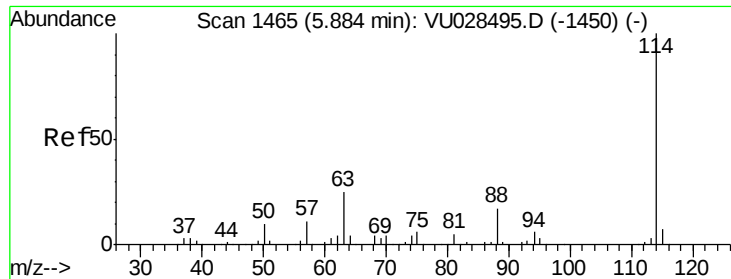
Tgt Ion: 73 Resp: 148274
Ion Ratio Lower Upper
73 100
57 24.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 51.403 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

Tgt Ion: 65 Resp: 72905
Ion Ratio Lower Upper
65 100
67 54.0 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: VU028749.D

Acq: 18 Dec 2018 03:35

Instrument :

MSVOA_U

ClientSampleId :

MW-2R

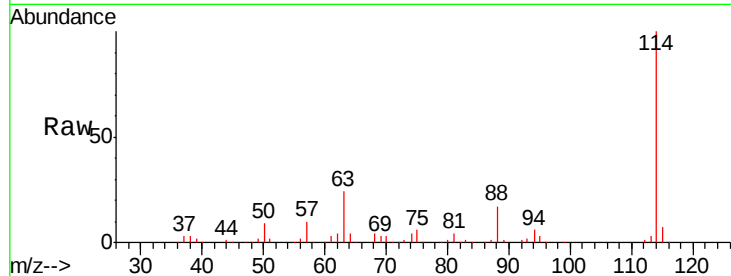
Tgt Ion:114 Resp: 166249

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

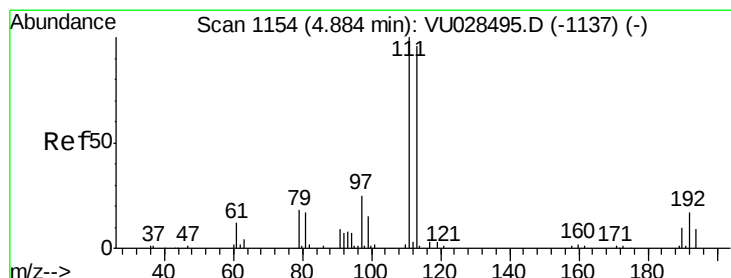
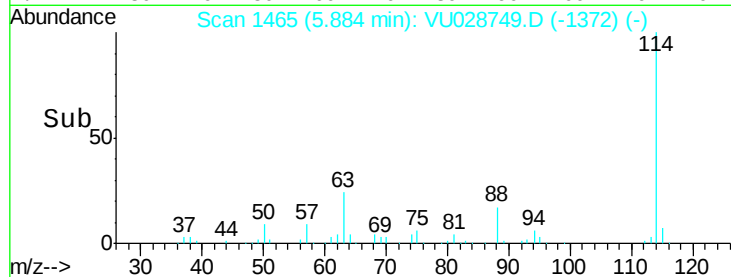
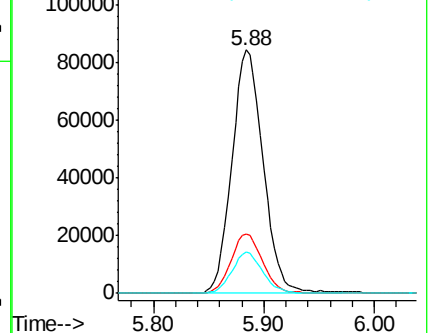
88 17.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 53.200 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028749.D

Acq: 18 Dec 2018 03:35

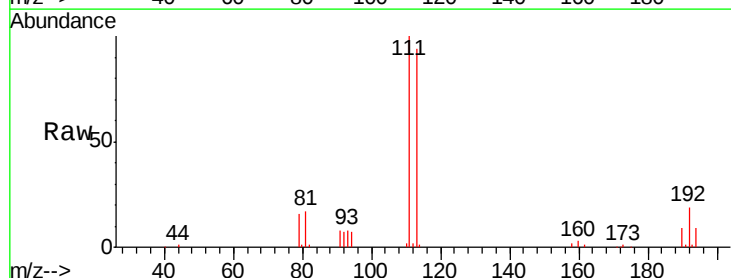
Tgt Ion:113 Resp: 55659

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.0

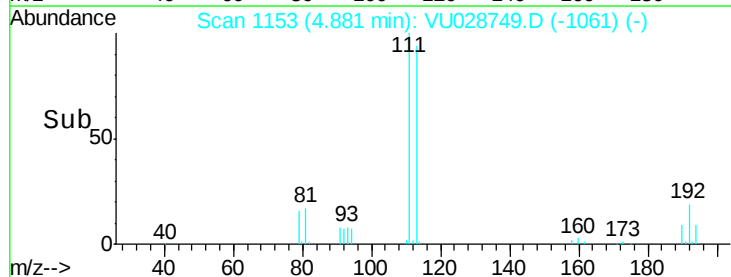
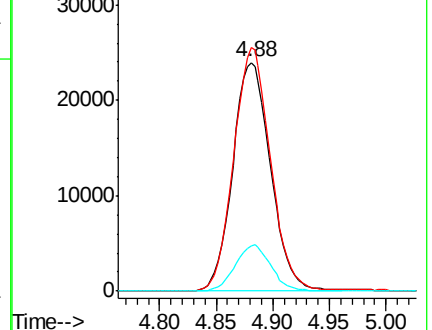
192 18.9 14.8 22.2

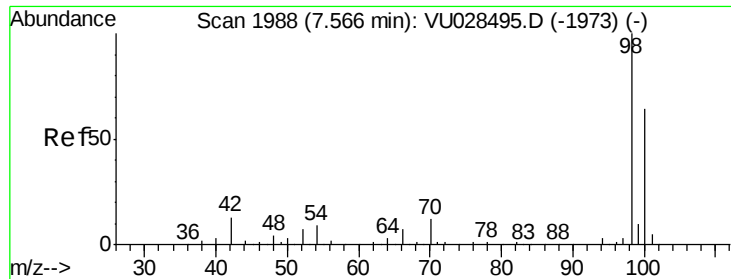


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

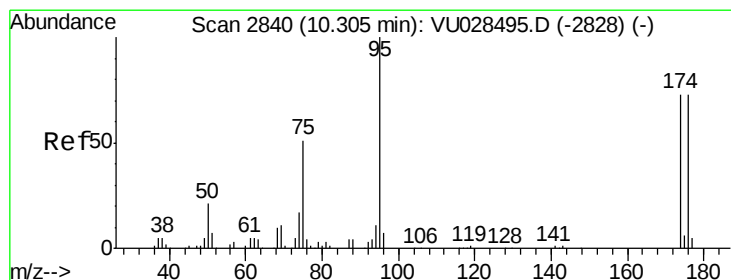
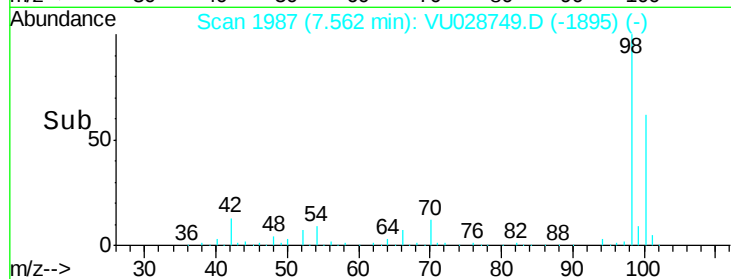
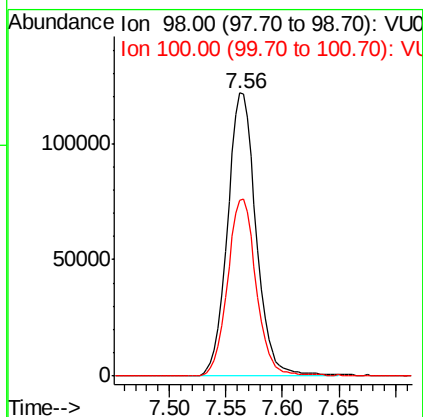
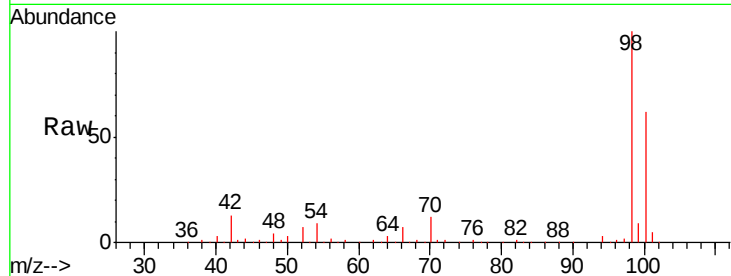




#50
Toluene-d8
Concen: 51.852 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

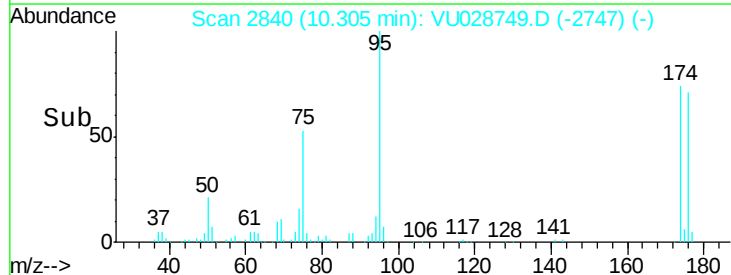
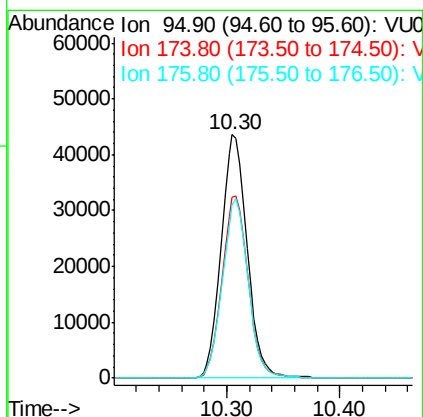
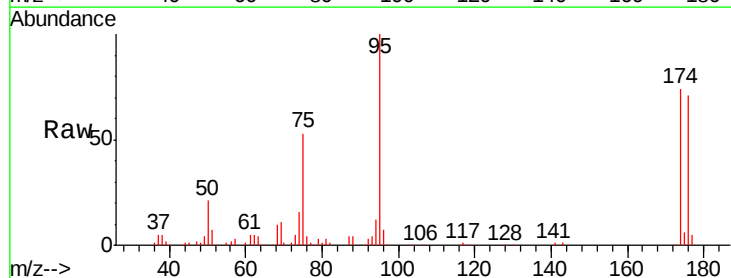
Instrument :
MSVOA_U
ClientSampled :
MW-2R

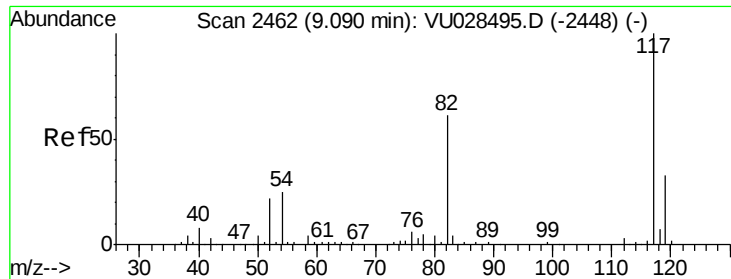
Tgt Ion: 98 Resp: 214598
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.154 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

Tgt Ion: 95 Resp: 69847
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.4
176 72.7 0.0 145.2

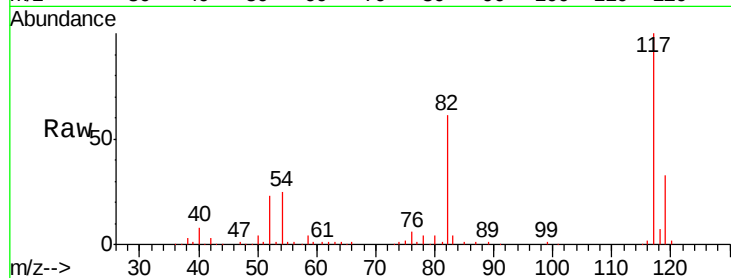




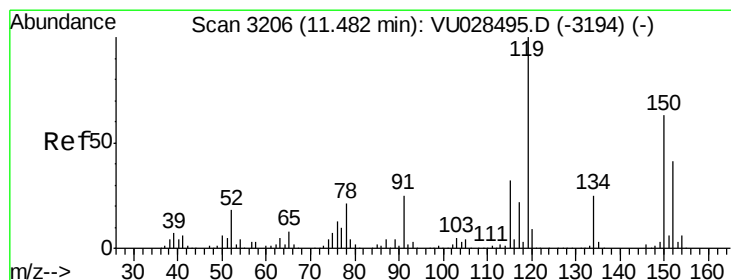
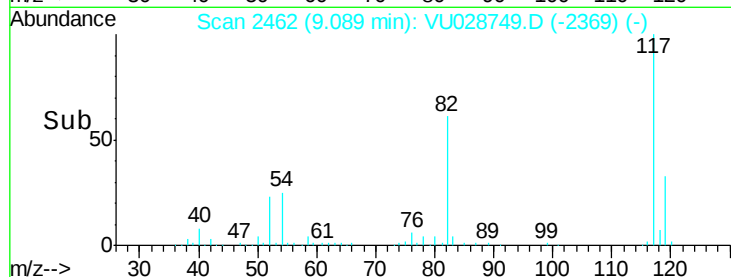
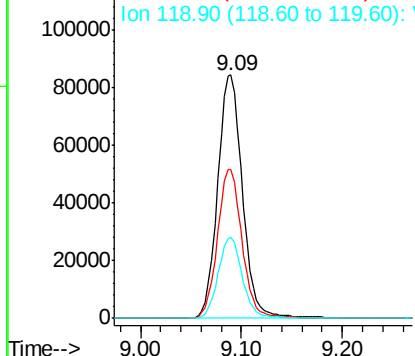
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

Instrument :
MSVOA_U
ClientSampled :
MW-2R

Tgt Ion:117 Resp: 145253
Ion Ratio Lower Upper
117 100
82 61.1 48.9 73.3
119 33.4 26.2 39.4

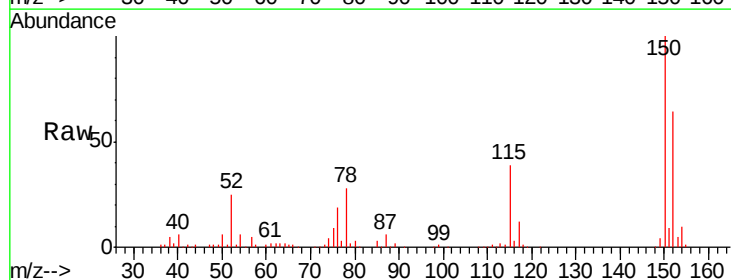


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

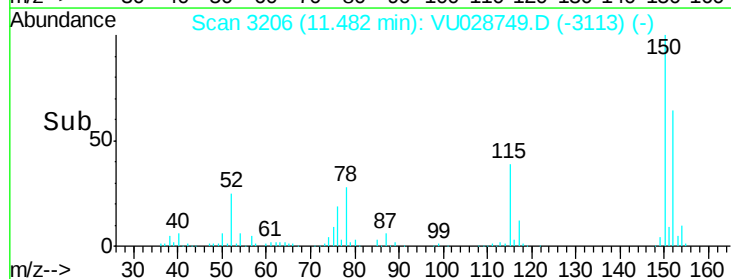
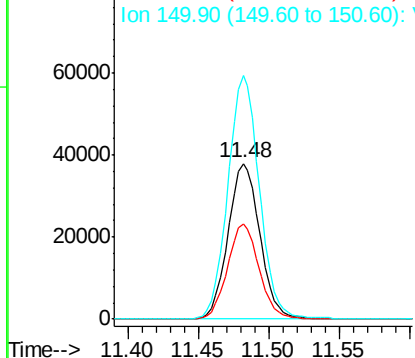


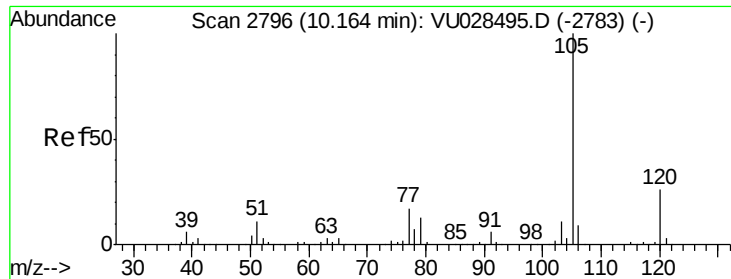
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028749.D
Acq: 18 Dec 2018 03:35

Tgt Ion:152 Resp: 59938
Ion Ratio Lower Upper
152 100
115 60.5 42.7 128.1
150 154.9 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





#73

Isopropylbenzene

Concen: 0.374 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028749.D

Acq: 18 Dec 2018 03:35

Instrument :

MSVOA_U

ClientSampleId :

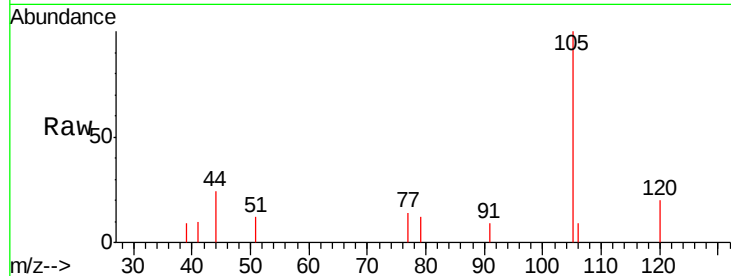
MW-2R

Tgt Ion: 105 Resp: 1721

Ion Ratio Lower Upper

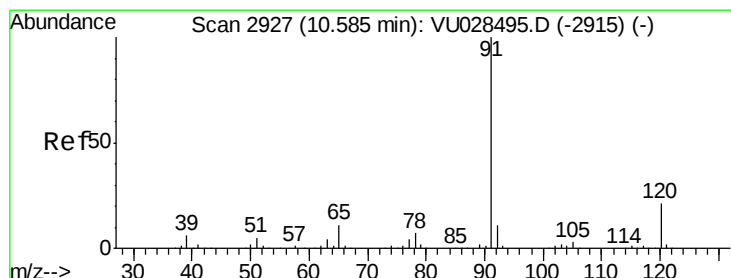
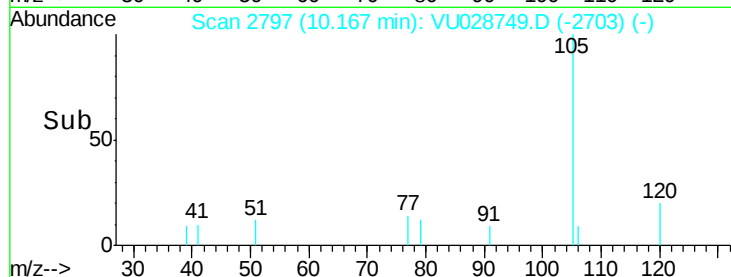
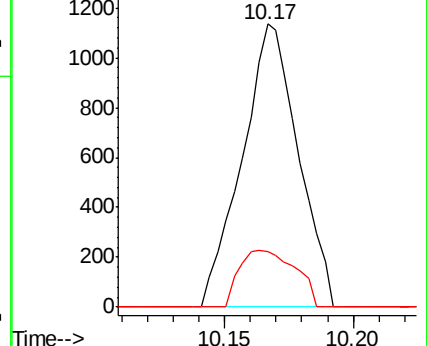
105 100

120 20.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.773 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028749.D

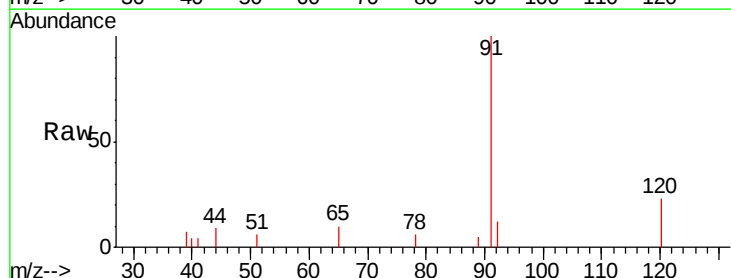
Acq: 18 Dec 2018 03:35

Tgt Ion: 91 Resp: 4415

Ion Ratio Lower Upper

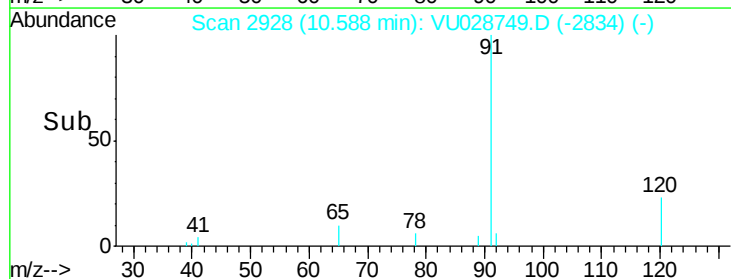
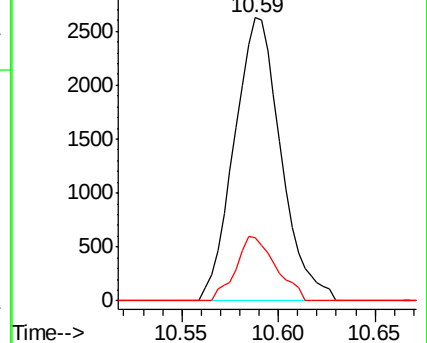
91 100

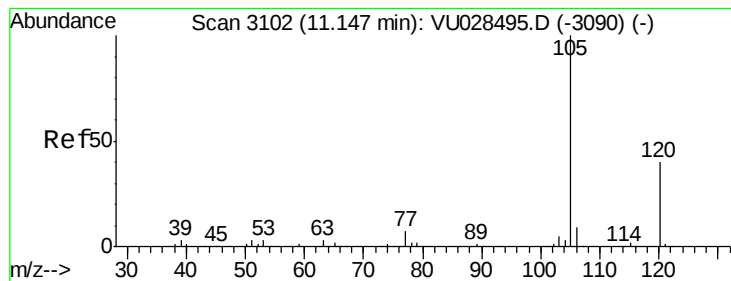
120 19.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 2.229 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028749.D

Acq: 18 Dec 2018 03:35

Instrument :

MSVOA_U

ClientSampleId :

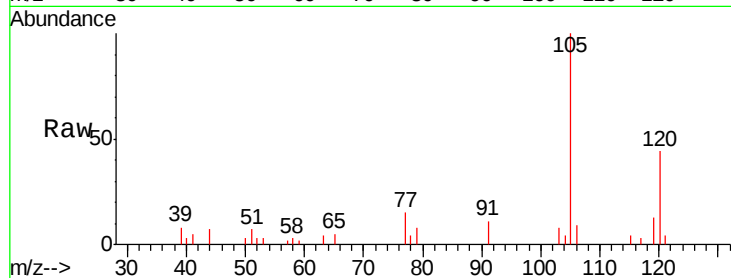
MW-2R

Tgt Ion:105 Resp: 8744

Ion Ratio Lower Upper

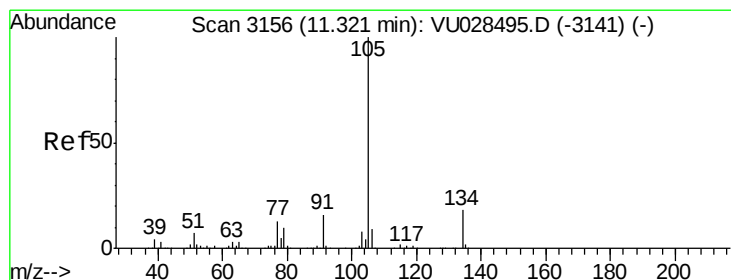
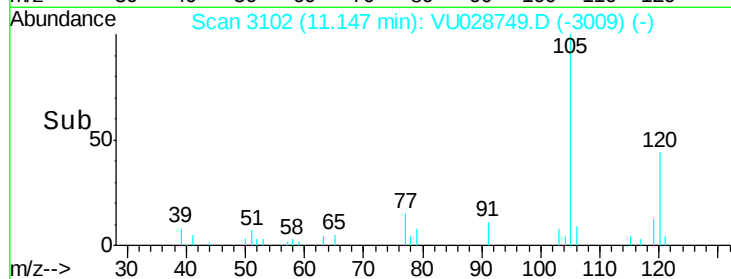
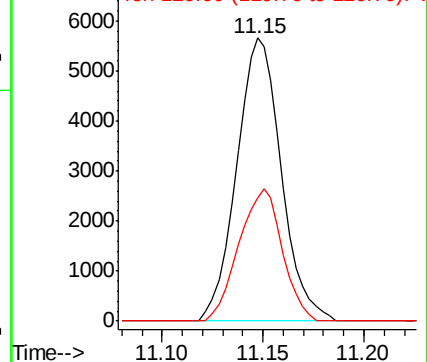
105 100

120 45.4 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.280 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028749.D

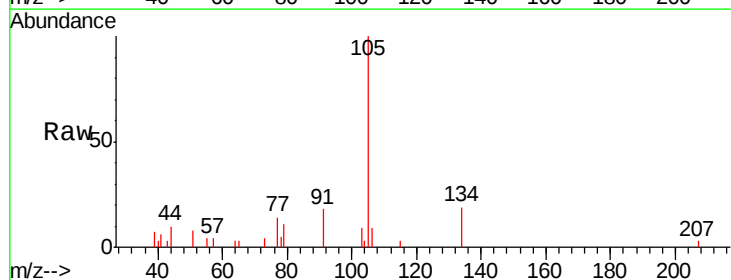
Acq: 18 Dec 2018 03:35

Tgt Ion:105 Resp: 6035

Ion Ratio Lower Upper

105 100

134 19.6 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

