

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028729.D
 Acq On : 17 Dec 2018 18:44
 Operator : MD/SY
 Sample : J6411-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-FD-1218

Quant Time: Dec 18 12:01:01 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	80527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	143083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58524	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	65888	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
35) Dibromofluoromethane	4.88	113	48873	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
50) Toluene-d8	7.57	98	189281	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	10.30	95	64864	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

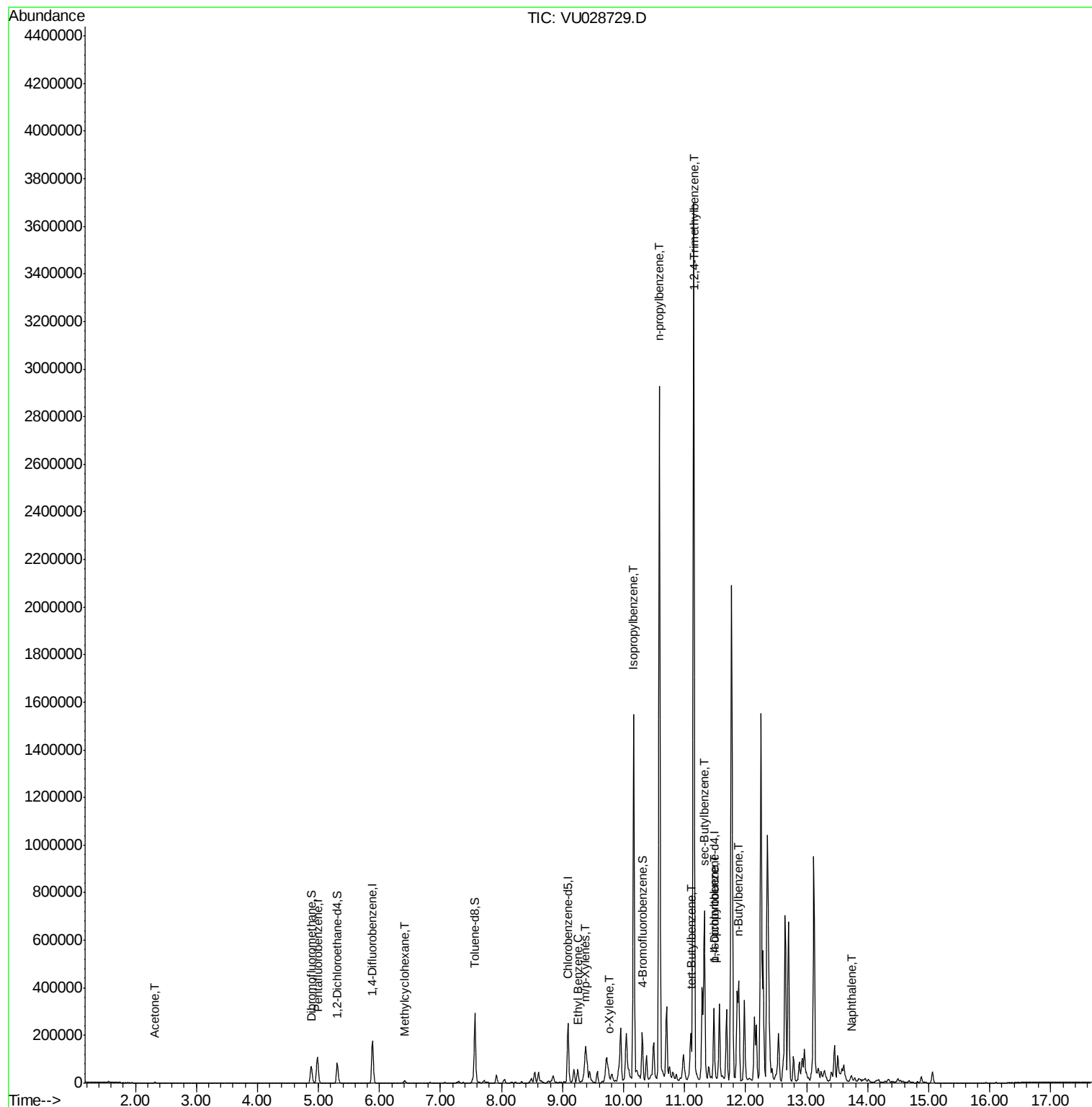
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	4557	5.683	ug/l	98
39) Methylcyclohexane	6.41	83	4274	2.237	ug/l	96
67) Ethyl Benzene	9.25	91	23359	4.530	ug/l	100
68) m/p-Xylenes	9.38	106	28608	15.247	ug/l	98
69) o-Xylene	9.78	106	1361	0.746	ug/l	67
73) Isopropylbenzene	10.17	105	954042	212.446	ug/l	100
78) n-propylbenzene	10.59	91	2212543	396.500	ug/l	99
83) tert-Butylbenzene	11.10	119	79318	22.137	ug/l	88
84) 1,2,4-Trimethylbenzene	11.15	105	1873513	489.040	ug/l	99
85) sec-Butylbenzene	11.32	105	465819	101.200	ug/l	100
86) p-Isopropyltoluene	11.48	119	35259	9.018	ug/l	98
89) n-Butylbenzene	11.89	91	235830	59.596	ug/l #	81
95) Naphthalene	13.74	128	9984	2.097	ug/l #	95

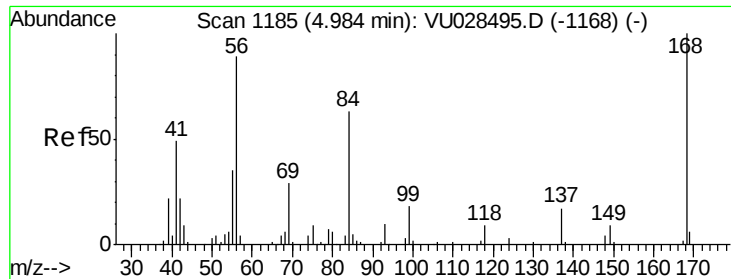
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
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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: VU028729.D

Acq: 17 Dec 2018 18:44

Instrument :

MSVOA_U

ClientSampleId :

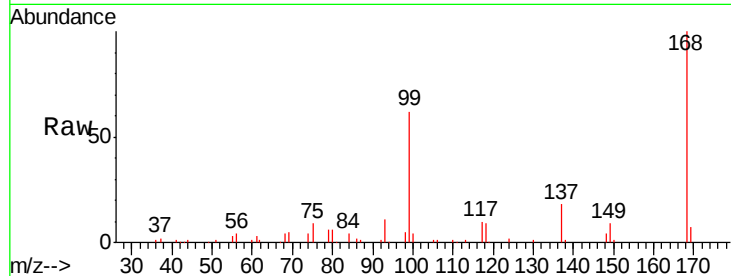
EP1-MW-FD-1218

Tgt Ion:168 Resp: 80527

Ion Ratio Lower Upper

168 100

99 61.9 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

30000

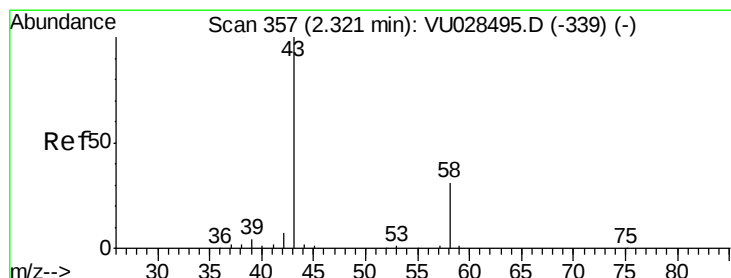
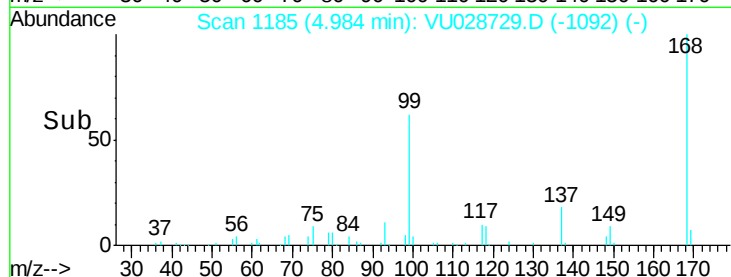
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 5.683 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028729.D

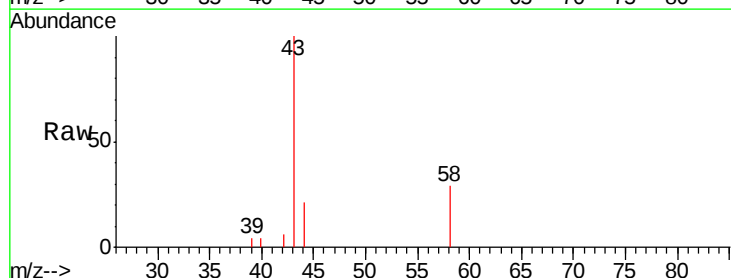
Acq: 17 Dec 2018 18:44

Tgt Ion: 43 Resp: 4557

Ion Ratio Lower Upper

43 100

58 29.5 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU028495.D

2.32

3000

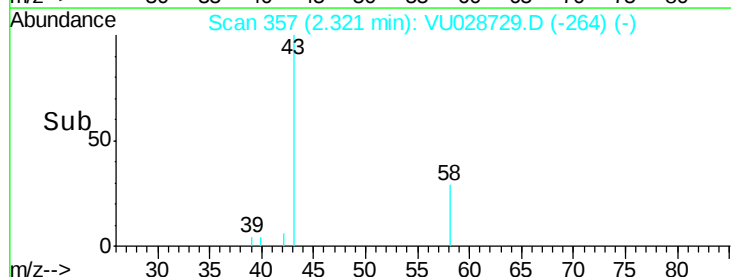
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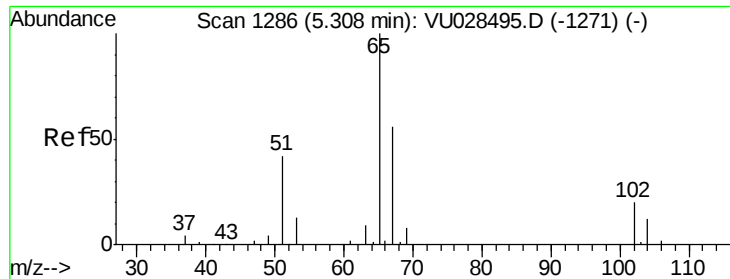
1000

0

2.30 2.35

Time-->

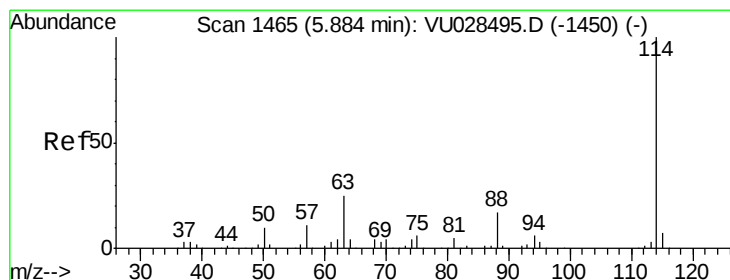
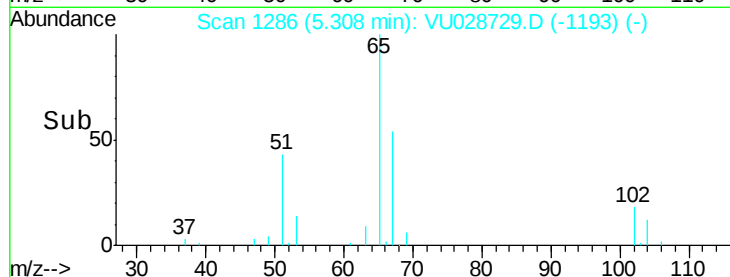
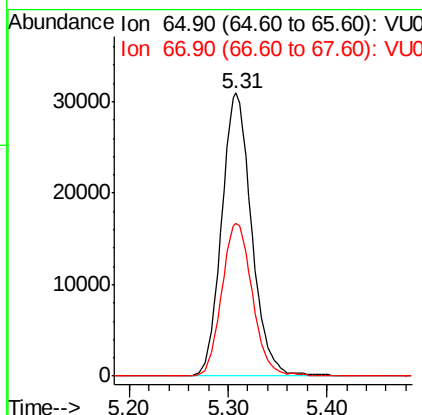
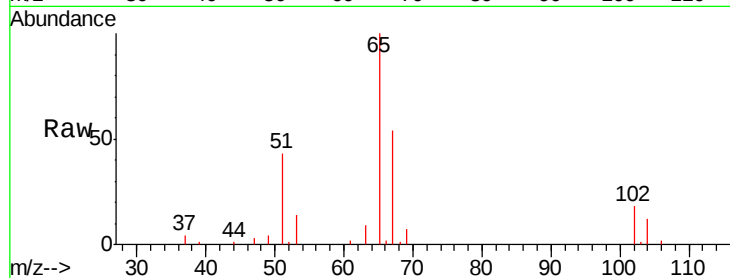




#33
 1,2-Dichloroethane-d4
 Concen: 53.616 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

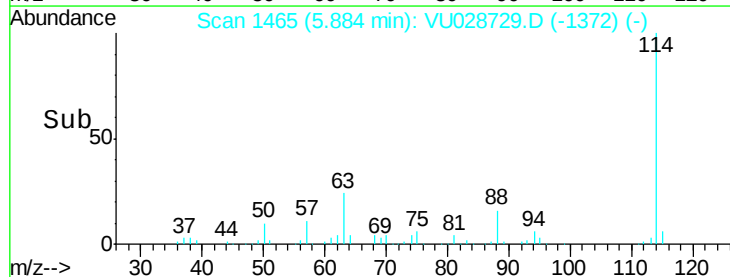
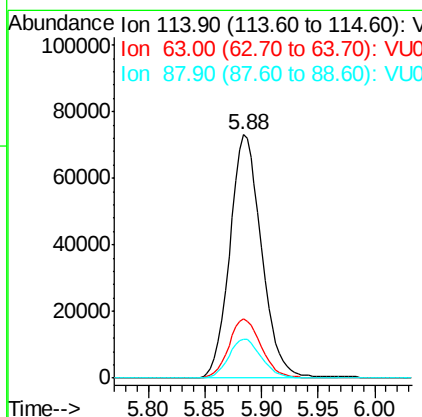
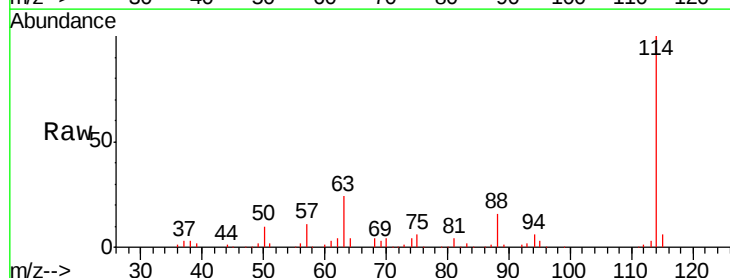
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-FD-1218

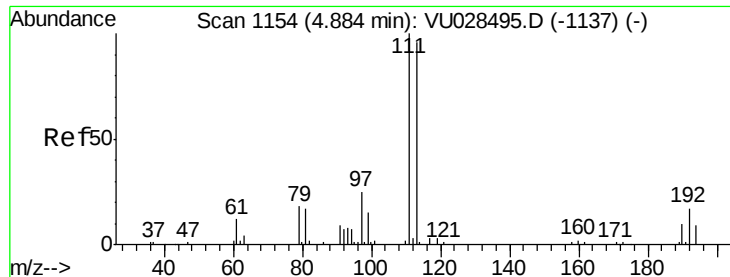
Tgt Ion: 65 Resp: 65888
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

Tgt Ion: 114 Resp: 143083
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.2 0.0 33.4

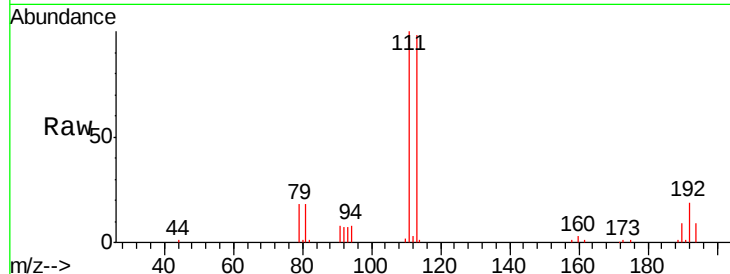




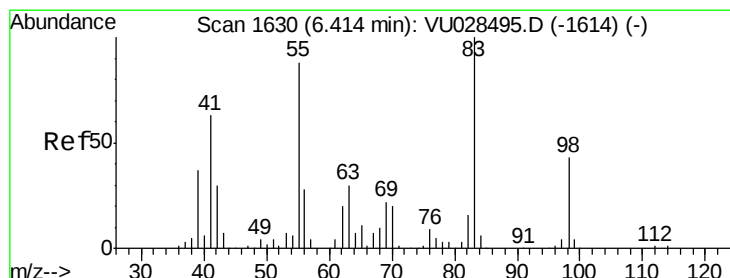
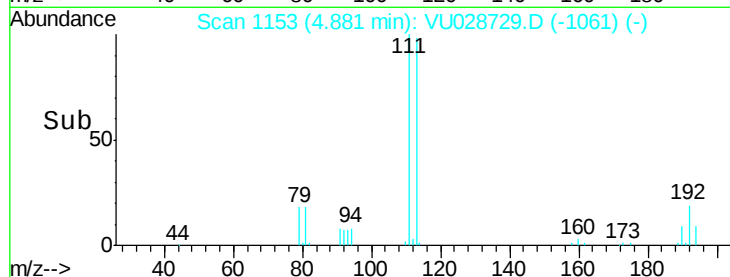
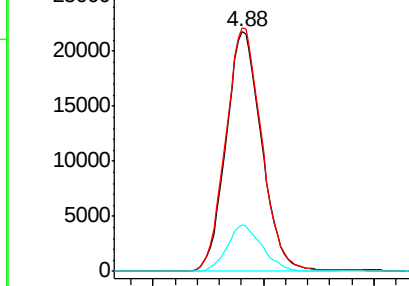
#35
Dibromofluoromethane
Concen: 54.277 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-FD-1218

Tgt Ion: 113 Resp: 48873
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 18.8 14.8 22.2

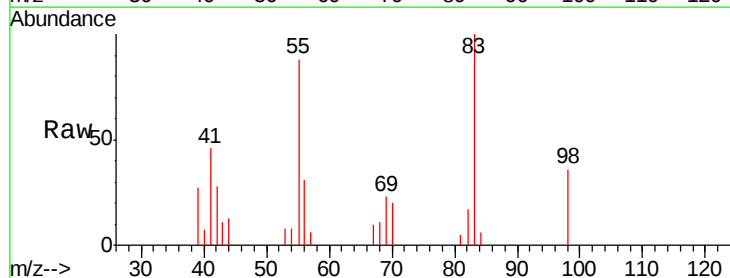


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

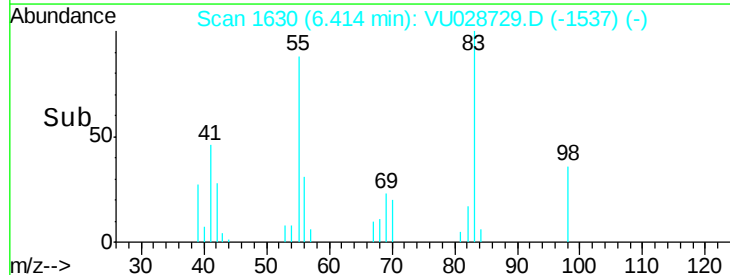
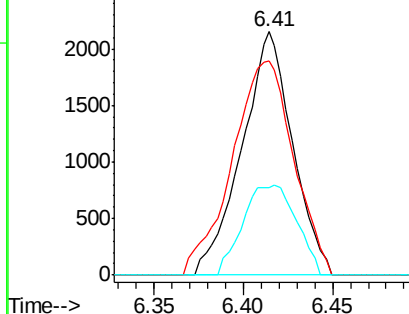


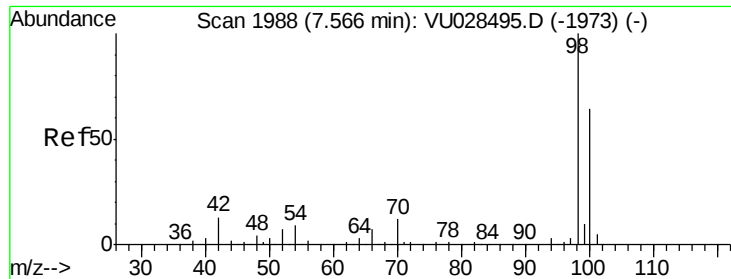
#39
Methylcyclohexane
Concen: 2.237 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Tgt Ion: 83 Resp: 4274
Ion Ratio Lower Upper
83 100
55 88.1 70.2 105.2
98 35.8 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

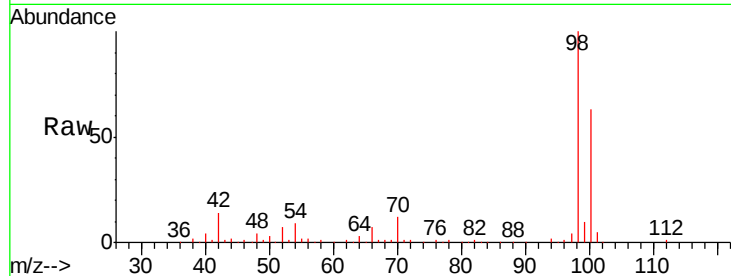




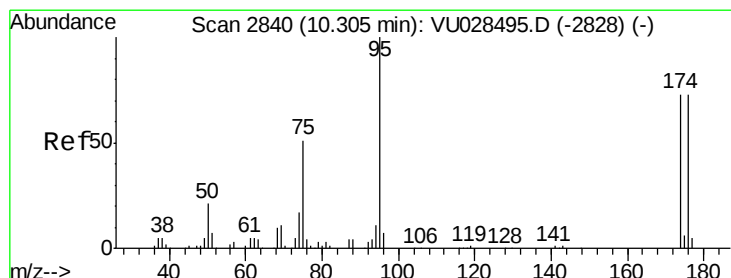
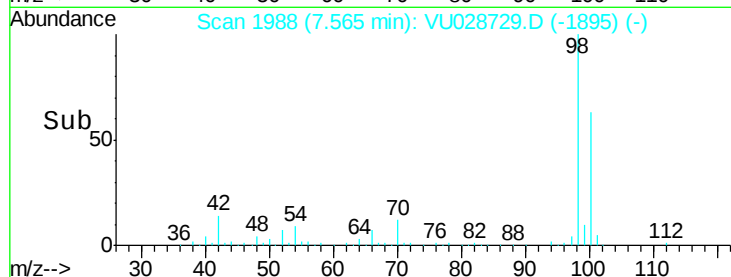
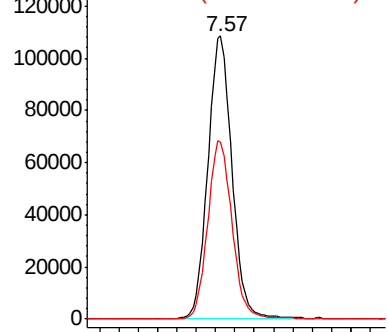
#50
Toluene-d8
Concen: 53.140 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-FD-1218

Tgt Ion: 98 Resp: 189281
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6

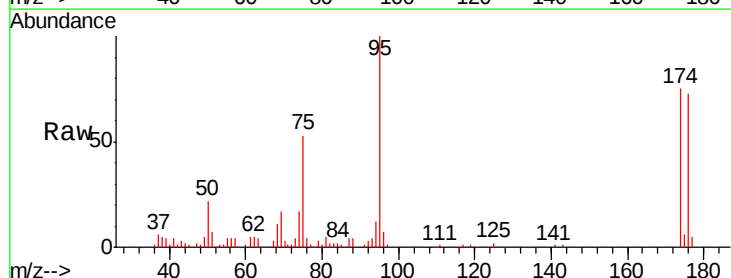


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

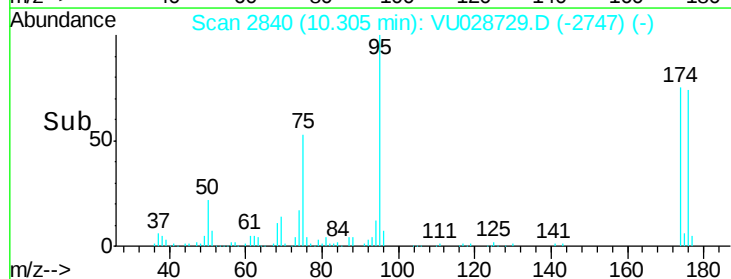
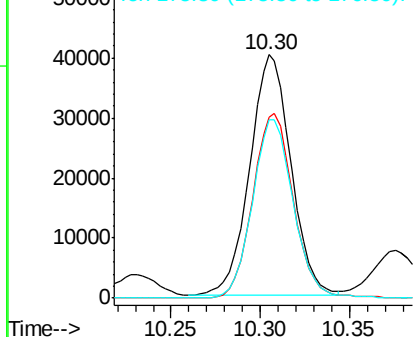


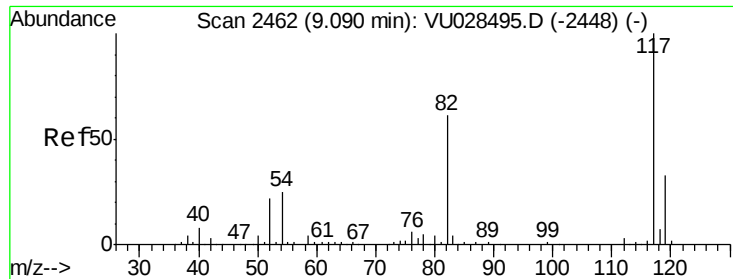
#62
4-Bromofluorobenzene
Concen: 48.721 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Tgt Ion: 95 Resp: 64864
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 73.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

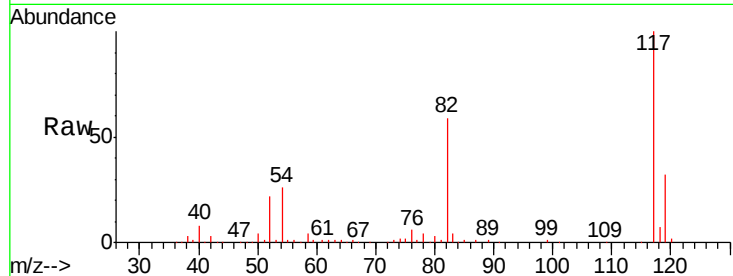




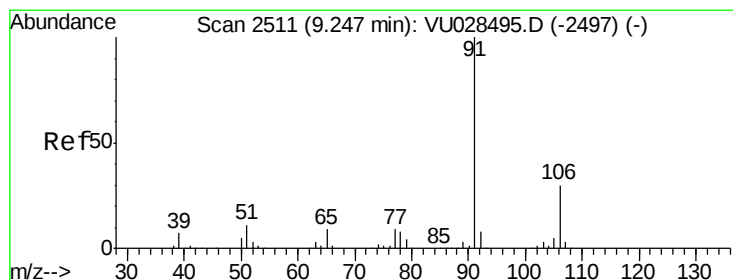
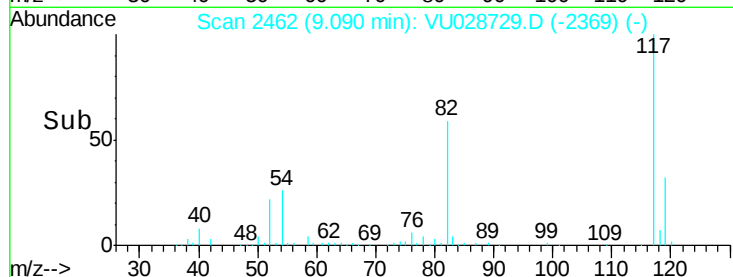
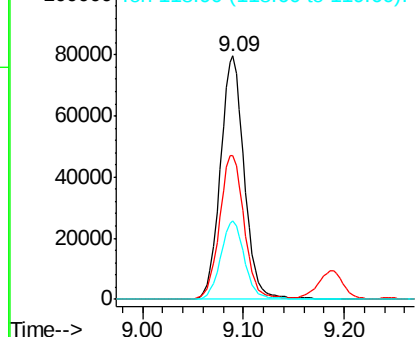
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-FD-1218

Tgt Ion:117 Resp: 131638
Ion Ratio Lower Upper
117 100
82 58.7 48.9 73.3
119 32.2 26.2 39.4

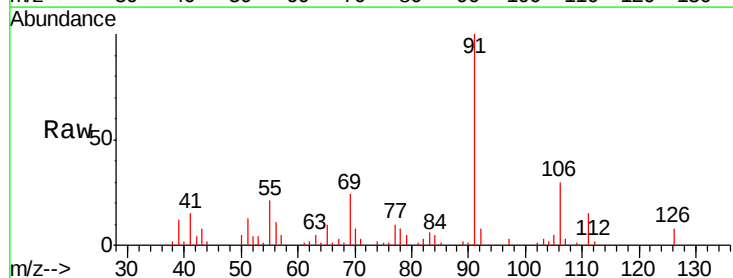


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

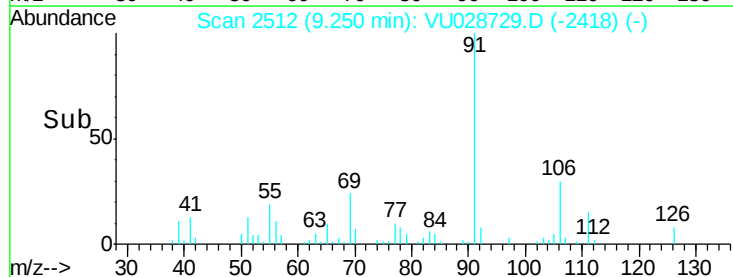
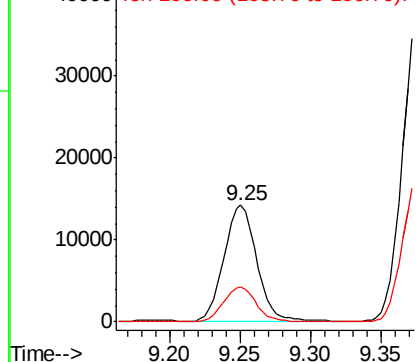


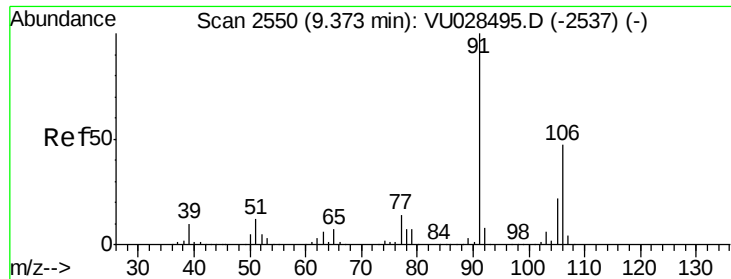
#67
Ethyl Benzene
Concen: 4.530 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Tgt Ion: 91 Resp: 23359
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



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

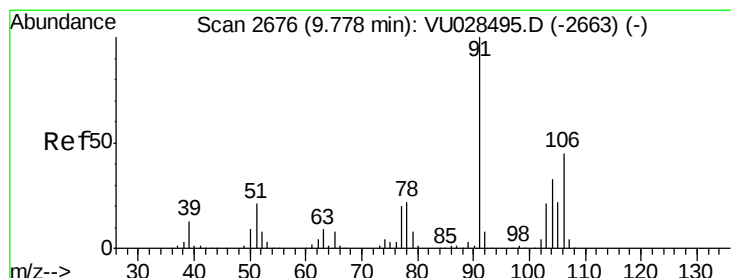
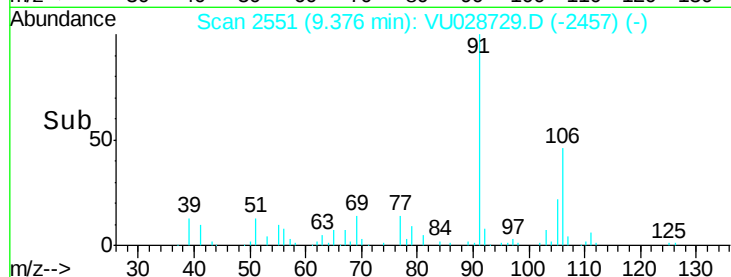
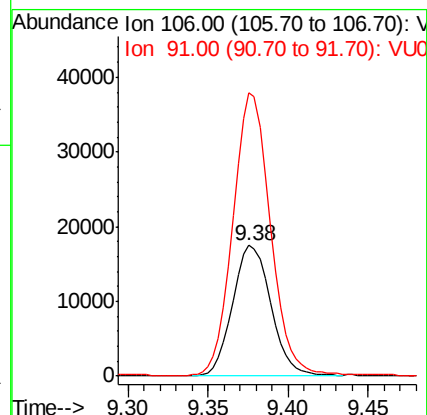
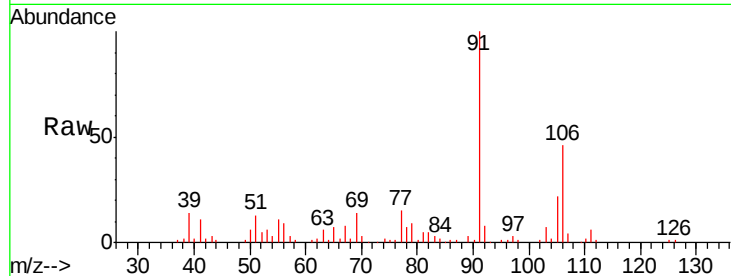




#68
m/p-Xylenes
Concen: 15.247 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

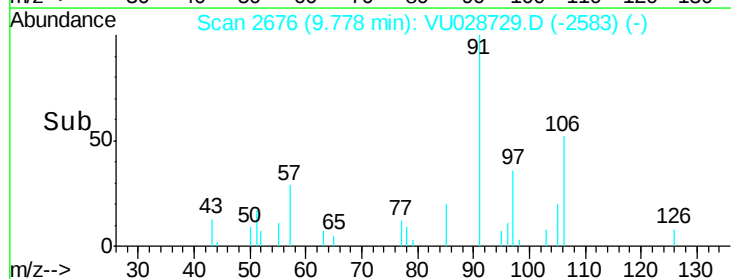
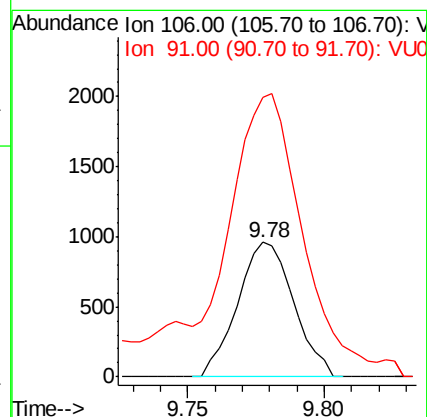
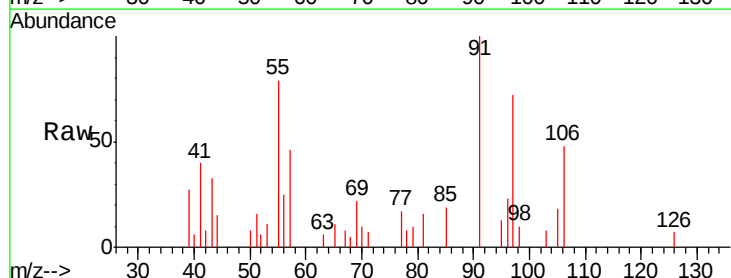
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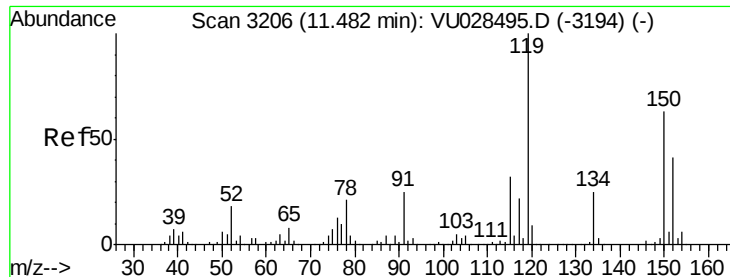
Tgt Ion:106 Resp: 28608
Ion Ratio Lower Upper
106 100
91 211.9 167.4 251.0



#69
o-Xylene
Concen: 0.746 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Tgt Ion:106 Resp: 1361
Ion Ratio Lower Upper
106 100
91 275.8 111.3 334.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028729.D

Acq: 17 Dec 2018 18:44

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-FD-1218

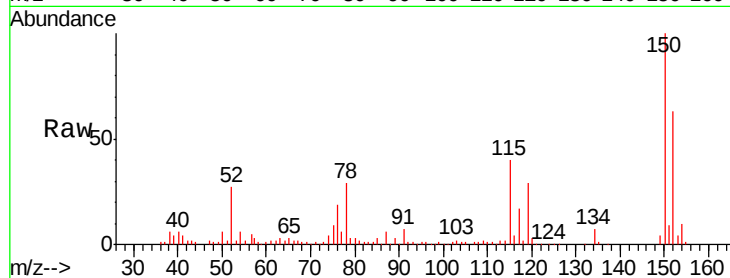
Tgt Ion:152 Resp: 58524

Ion Ratio Lower Upper

152 100

115 64.3 42.7 128.1

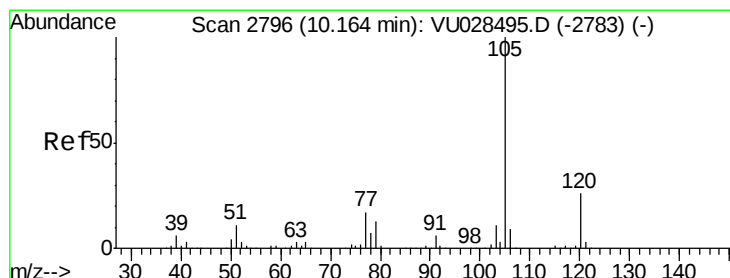
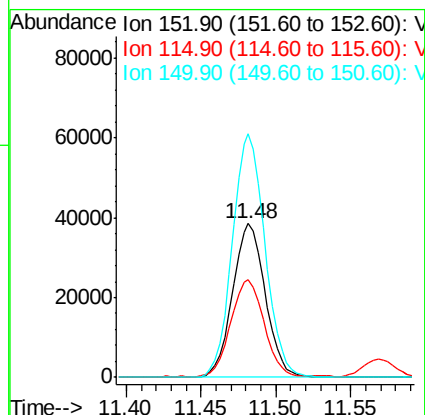
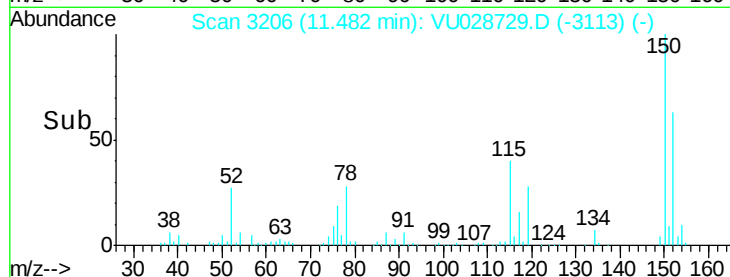
150 158.1 0.0 346.0



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: 212.446 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028729.D

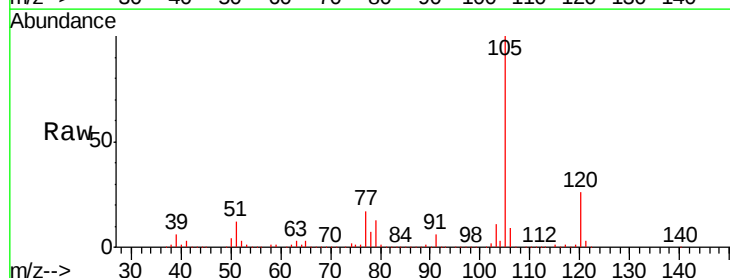
Acq: 17 Dec 2018 18:44

Tgt Ion:105 Resp: 954042

Ion Ratio Lower Upper

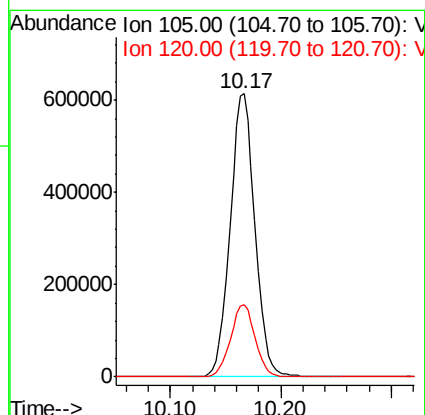
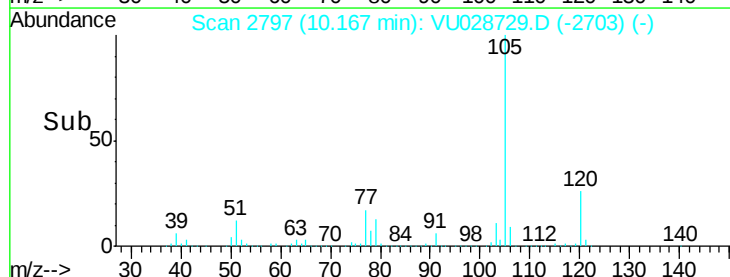
105 100

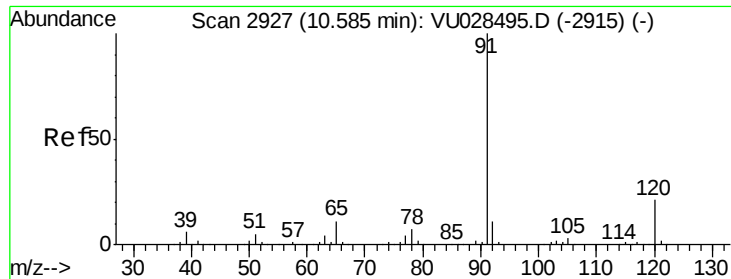
120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

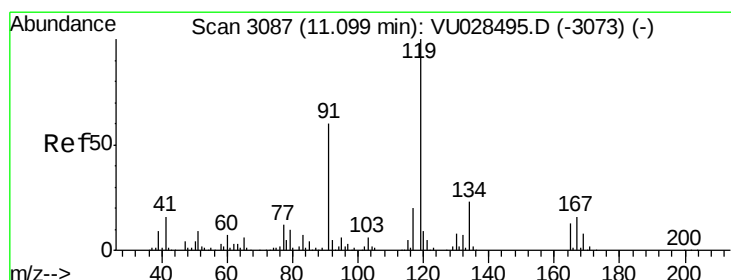
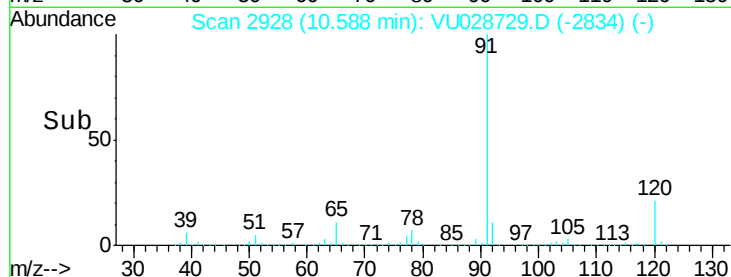
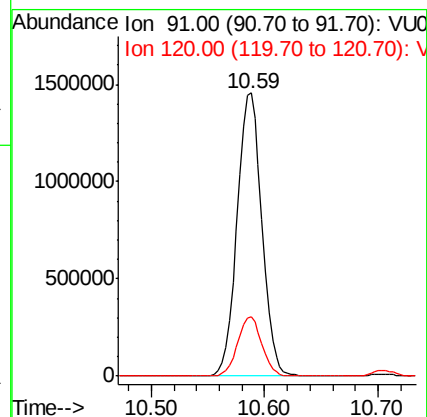
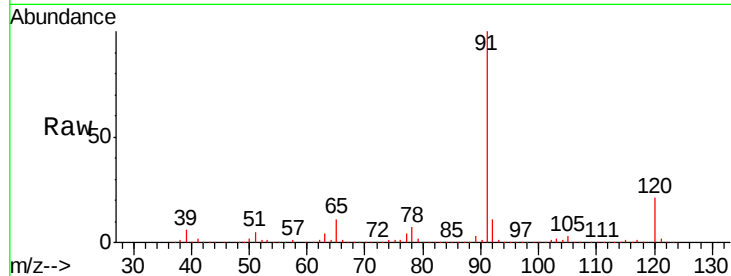




#78
n-propylbenzene
Concen: 396.500 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

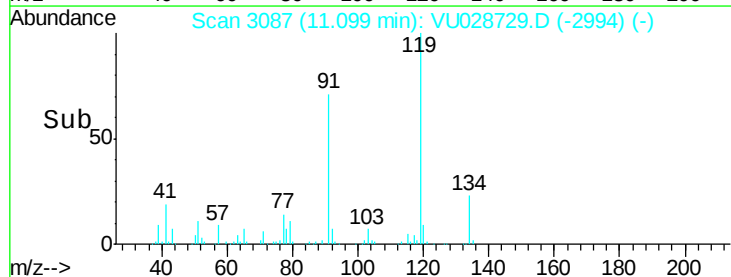
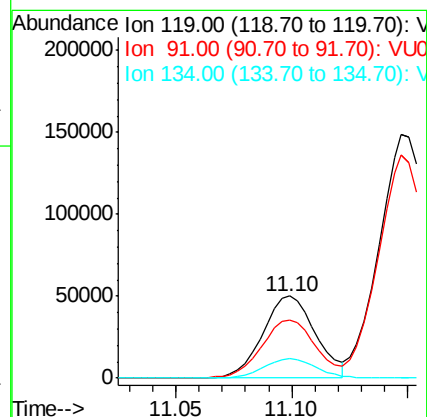
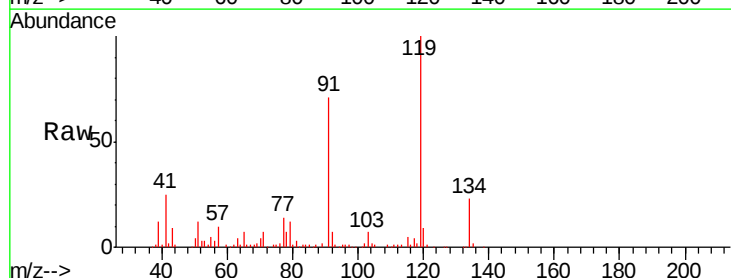
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-FD-1218

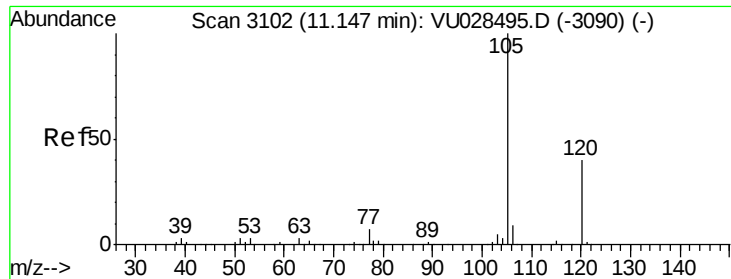
Tgt Ion: 91 Resp: 2212543
Ion Ratio Lower Upper
91 100
120 20.7 10.6 31.8



#83
tert-Butylbenzene
Concen: 22.137 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028729.D
Acq: 17 Dec 2018 18:44

Tgt Ion: 119 Resp: 79318
Ion Ratio Lower Upper
119 100
91 72.3 30.3 91.0
134 23.4 11.2 33.5

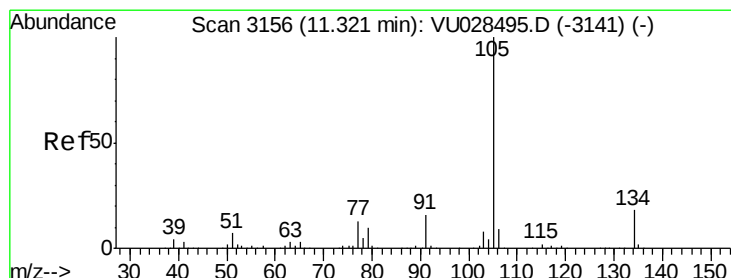
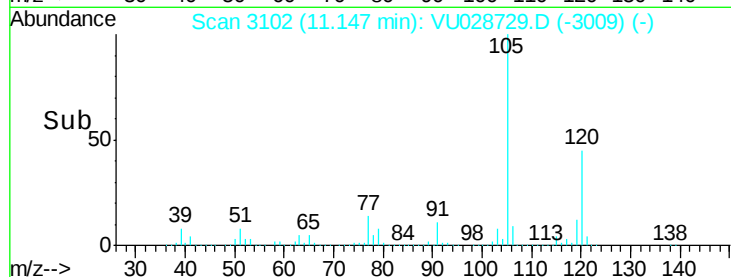
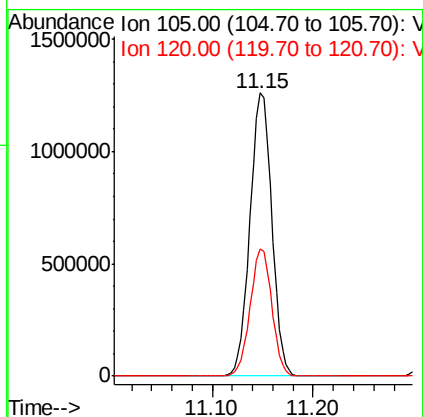
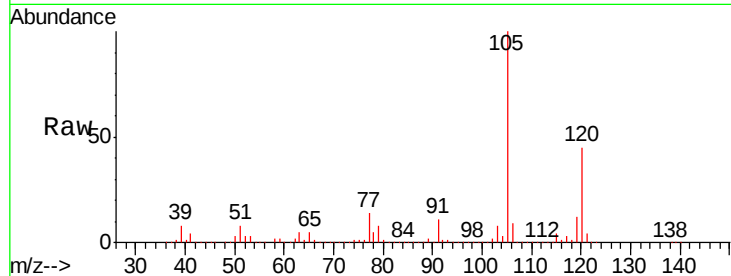




#84
 1,2,4-Trimethylbenzene
 Concen: 489.040 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

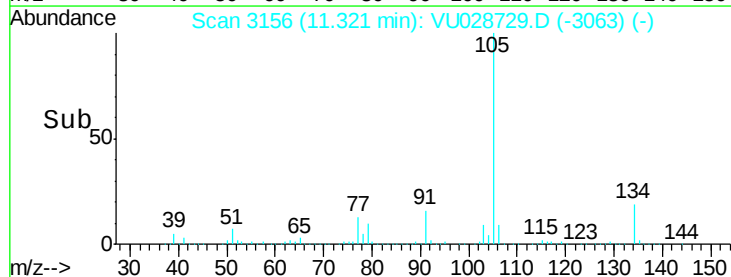
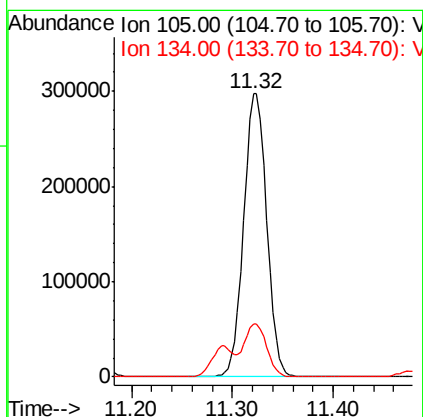
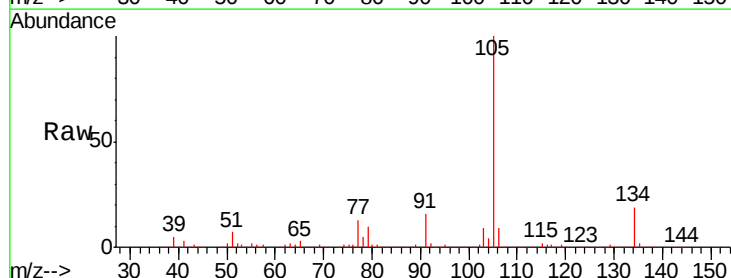
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-FD-1218

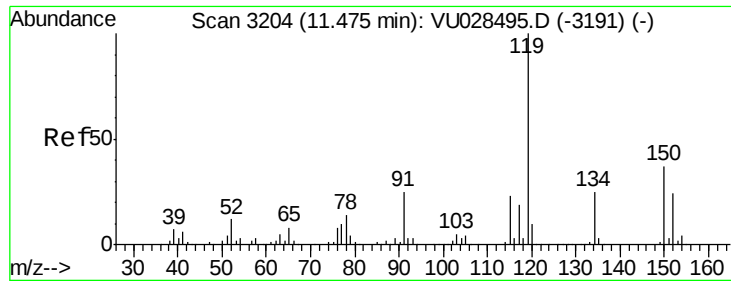
Tgt Ion:105 Resp: 1873513
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 101.200 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

Tgt Ion:105 Resp: 465819
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.2 27.6

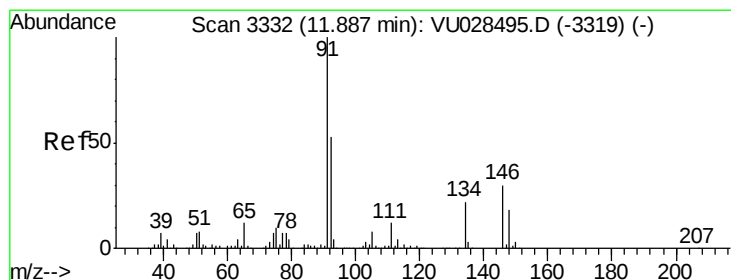
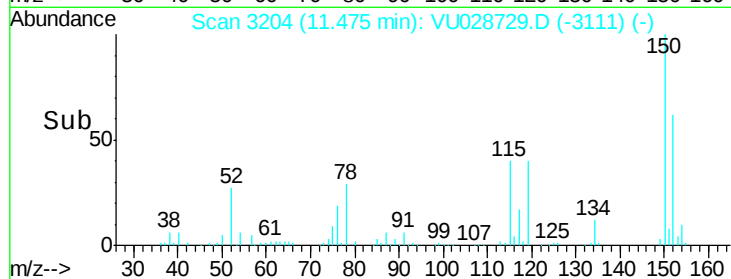
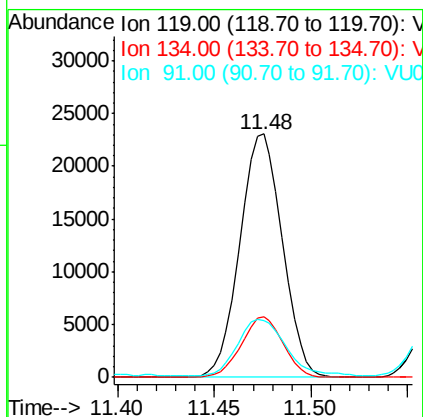
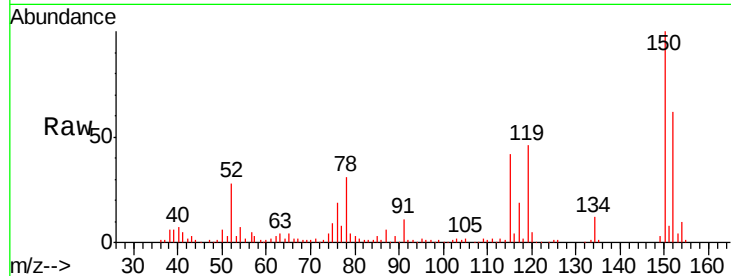




#86
 p-Isopropyltoluene
 Concen: 9.018 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

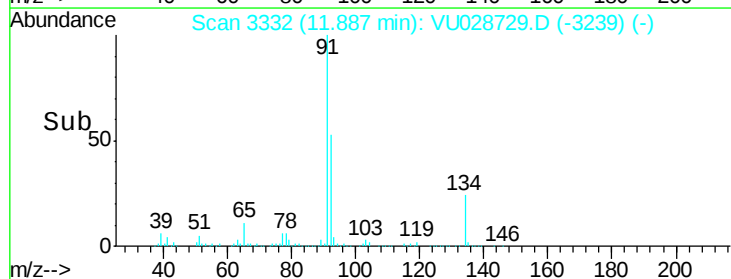
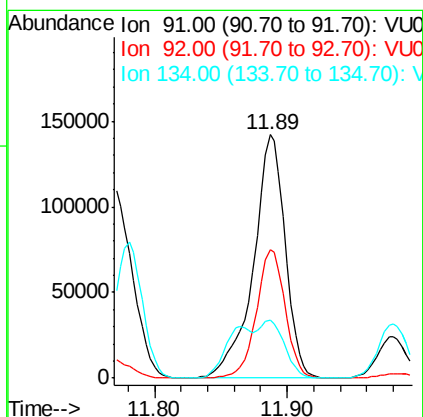
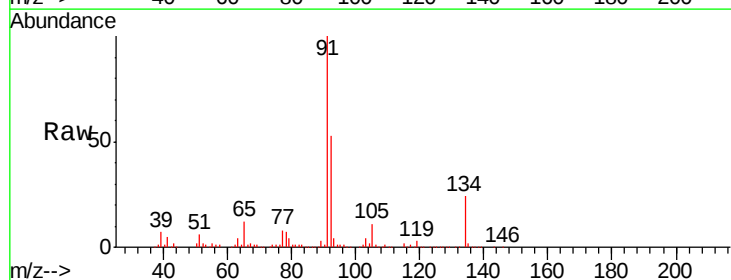
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-FD-1218

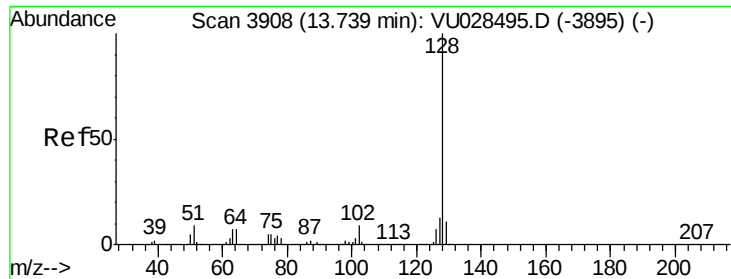
Tgt Ion: 119 Resp: 35259
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.7 38.1
 91 26.4 12.6 37.6



#89
 n-Butylbenzene
 Concen: 59.596 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

Tgt Ion: 91 Resp: 235830
 Ion Ratio Lower Upper
 91 100
 92 47.9 26.3 78.9
 134 0.0 11.3 33.8#





#95
 Naphthalene
 Concen: 2.097 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028729.D
 Acq: 17 Dec 2018 18:44

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-FD-1218

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.4	15.6#
129	10.9	8.6	13.0

