

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029208.D
 Acq On : 16 Jan 2019 14:42
 Operator : JC/SP
 Sample : K1012-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-A

Quant Time: Jan 17 01:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194109	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77939	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	75243	55.86	ug/l	0.00
Spiked Amount			Recovery	=	111.72%	
35) Dibromofluoromethane	4.88	113	66469	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
50) Toluene-d8	7.56	98	255040	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	10.30	95	81273	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

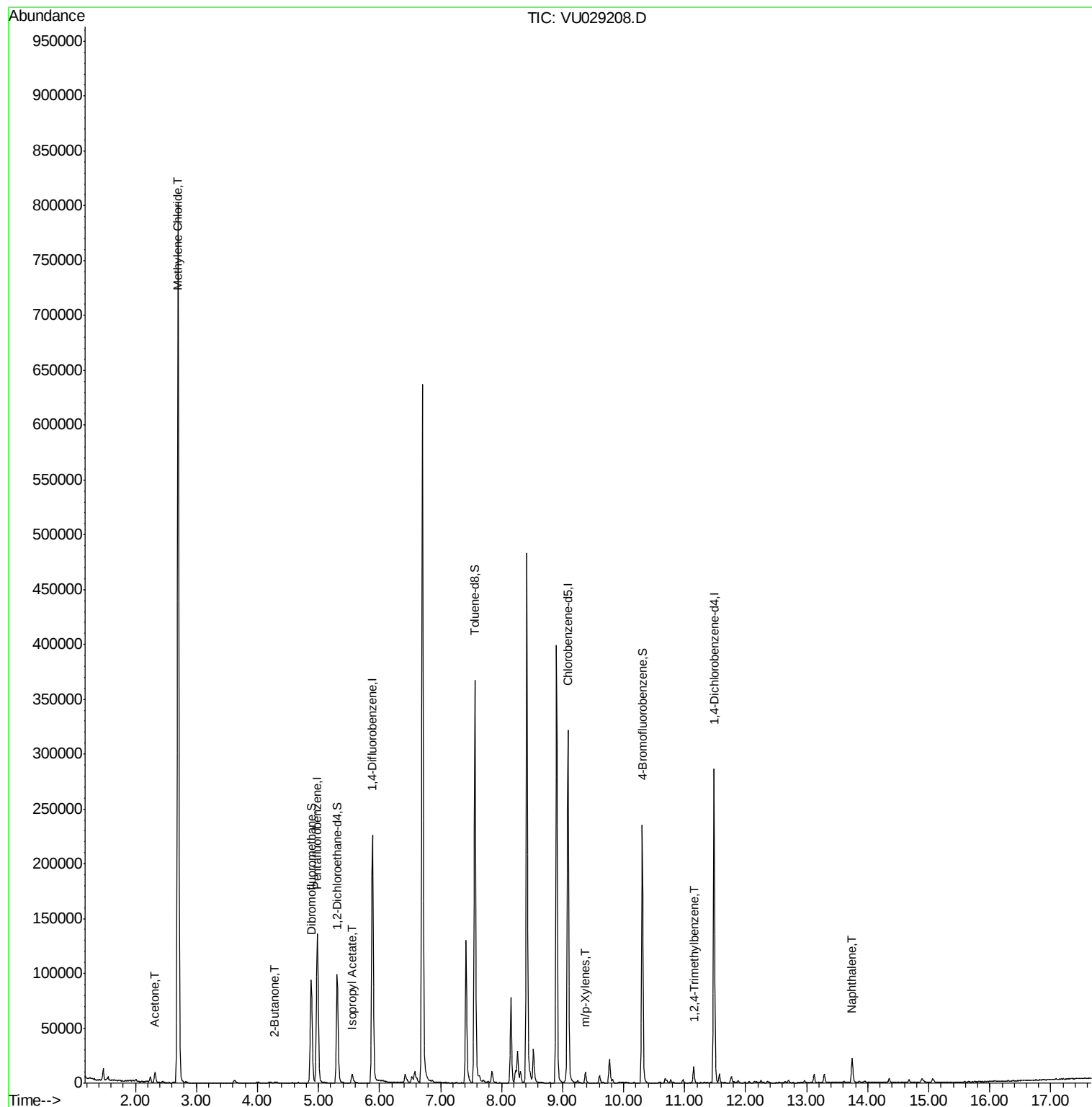
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	11170	13.164	ug/l	93
20) Methylene Chloride	2.70	84	359121	249.267	ug/l	98
25) 2-Butanone	4.29	43	2610	2.277	ug/l	93
43) Isopropyl Acetate	5.55	43	10071	3.083	ug/l	95
68) m/p-Xylenes	9.37	106	3345	1.240	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	8186	1.702	ug/l	99
95) Naphthalene	13.75	128	22247	3.689	ug/l	98

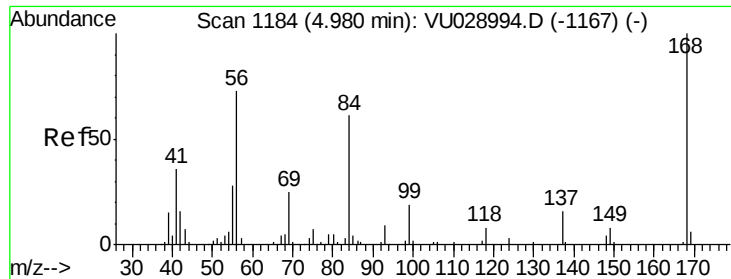
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 01:32:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
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: VU029208.D

Acq: 16 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

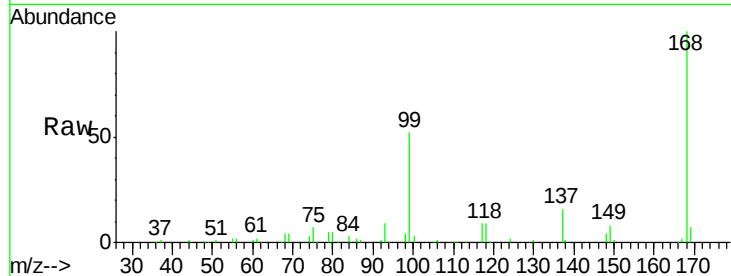
EO-01-011518-A

Tot Ion:168 Resp: 108963

Ion Ratio Lower Upper

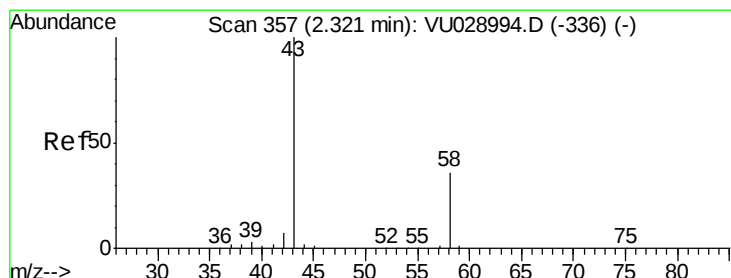
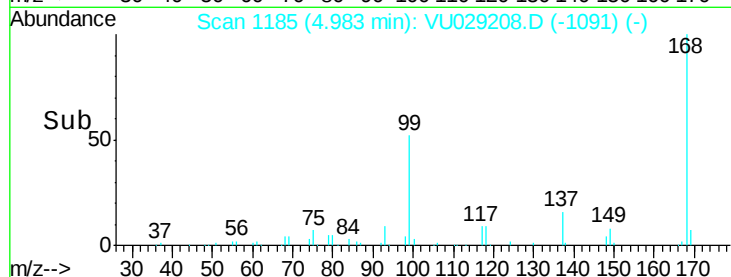
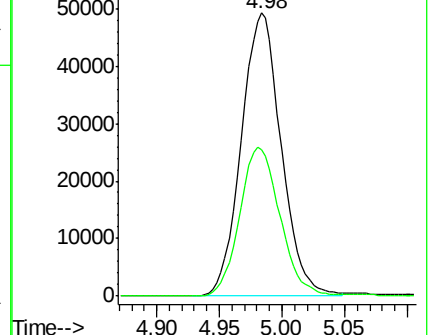
168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 13.164 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029208.D

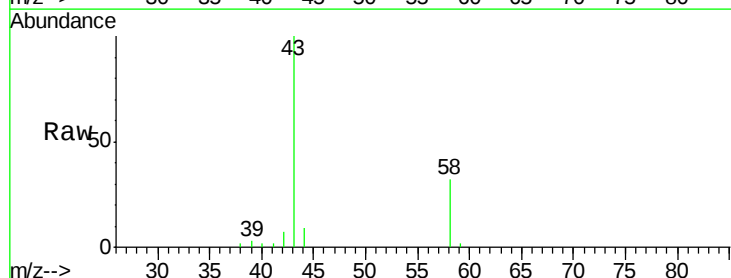
Acq: 16 Jan 2019 14:42

Tgt Ion: 43 Resp: 11170

Ion Ratio Lower Upper

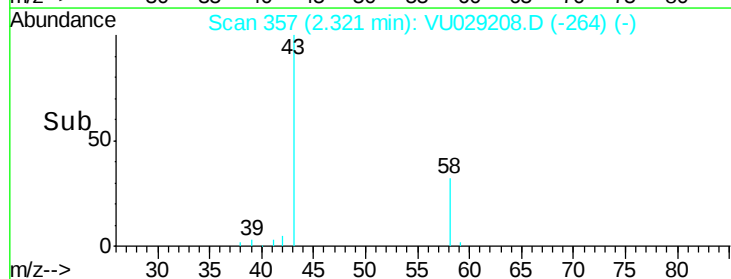
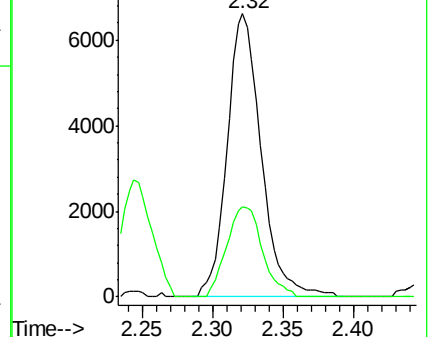
43 100

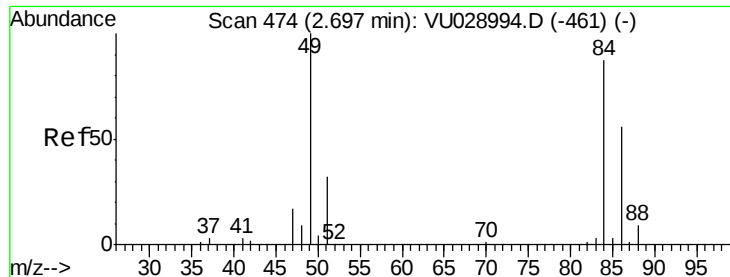
58 31.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

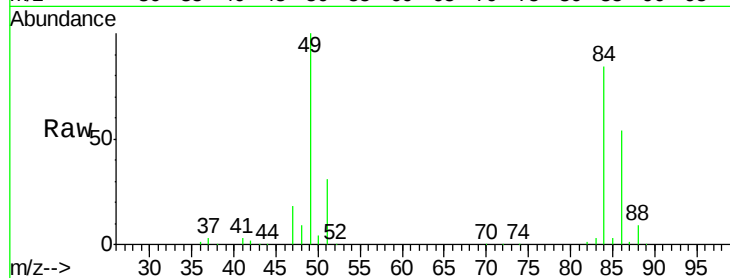




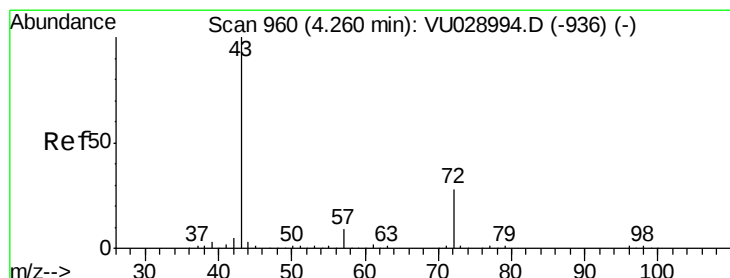
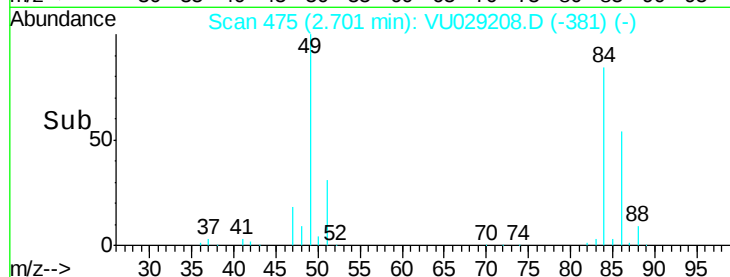
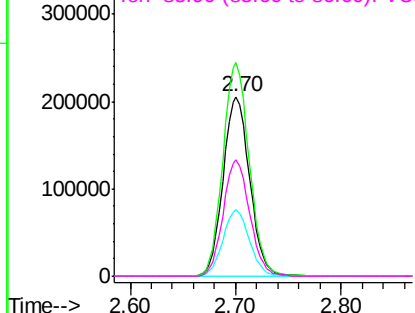
#20
Methvlene Chloride
Concen: 249.267 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-A

Tot Ion:	84	Resp:	359121
Ion	Ratio	Lower	Upper
84	100		
49	118.9	91.9	137.9
51	36.9	29.2	43.8
86	64.5	51.8	77.6

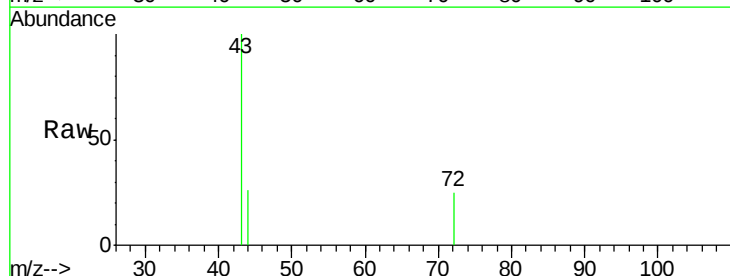


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

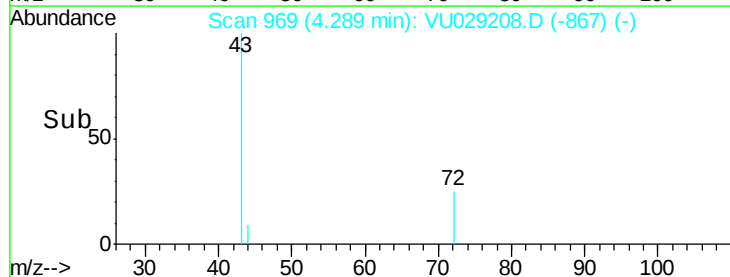
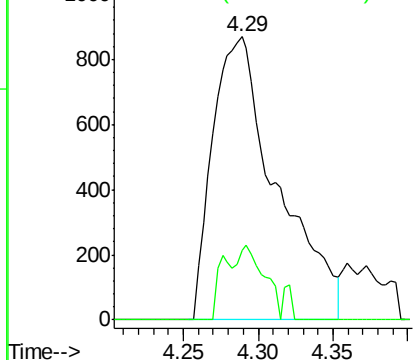


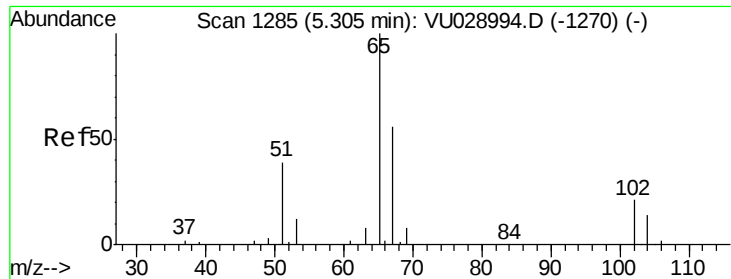
#25
2-Butanone
Concen: 2.277 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

Tgt Ion:	43	Resp:	2610
Ion	Ratio	Lower	Upper
43	100		
72	24.6	22.6	33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

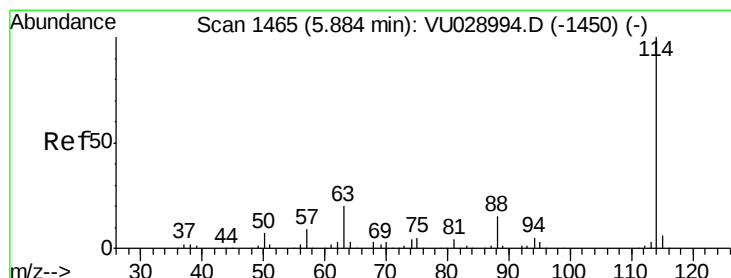
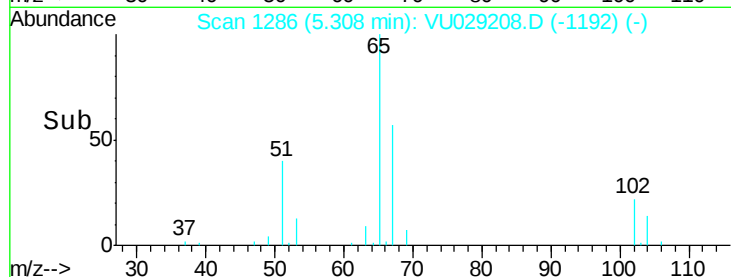
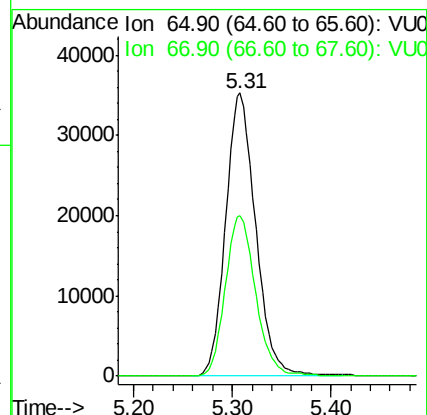
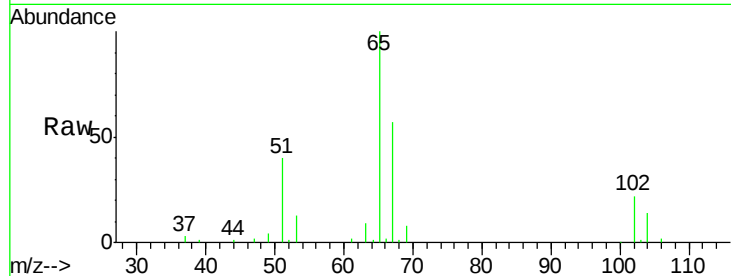




#33
 1,2-Dichloroethane-d4
 Concen: 55.860 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029208.D
 Acq: 16 Jan 2019 14:42

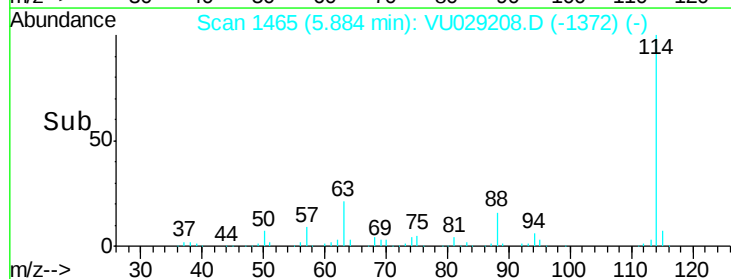
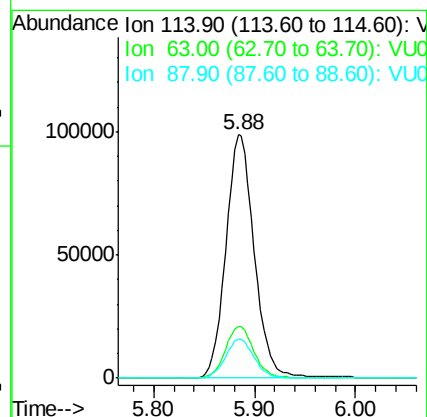
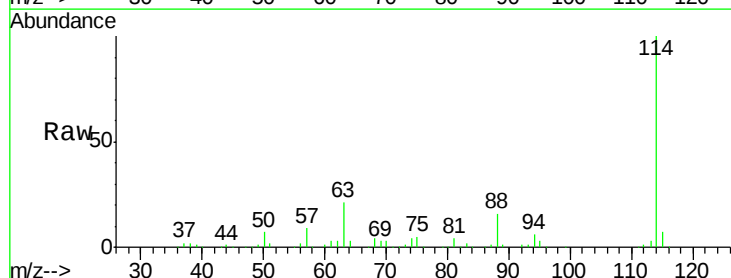
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-A

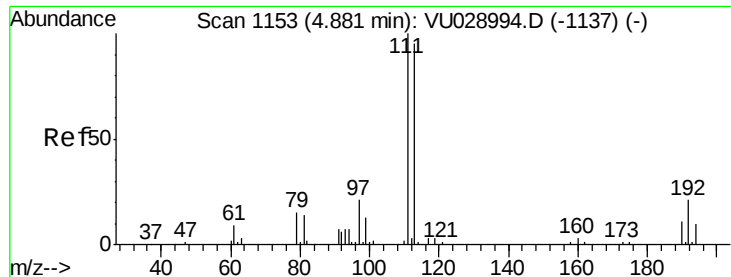
Tot Ion: 65 Resp: 75243
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029208.D
 Acq: 16 Jan 2019 14:42

Tgt Ion: 114 Resp: 194109
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 15.8 0.0 30.4

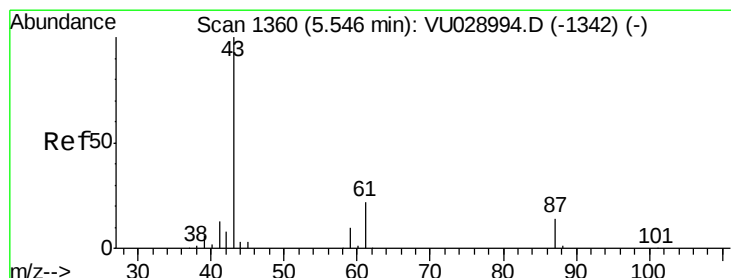
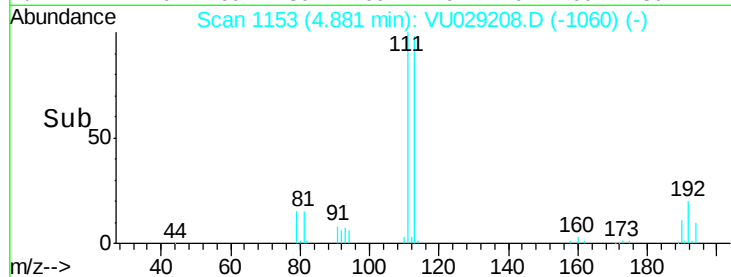
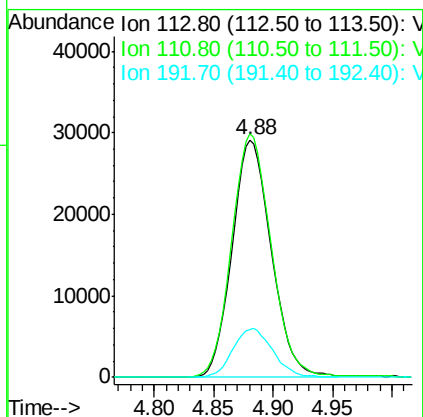
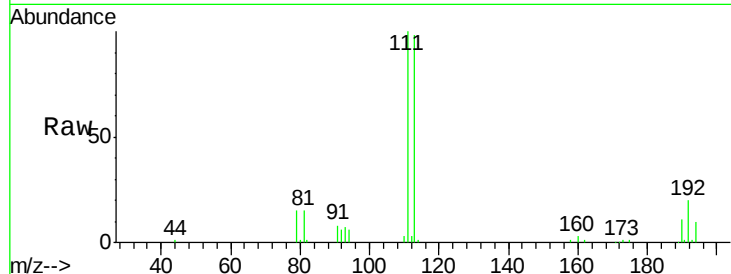




#35
 Dibromofluoromethane
 Concen: 52.826 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029208.D
 Acq: 16 Jan 2019 14:42

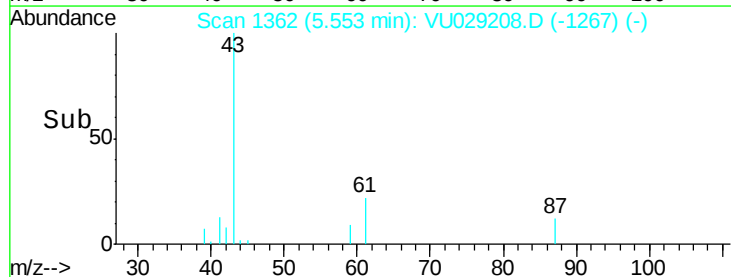
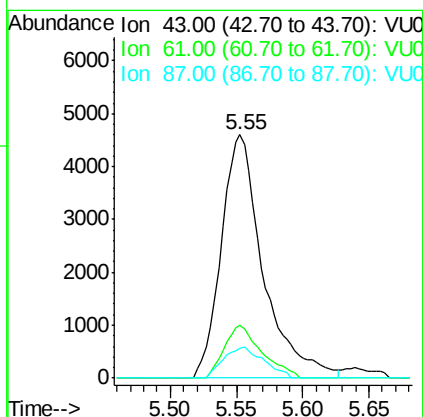
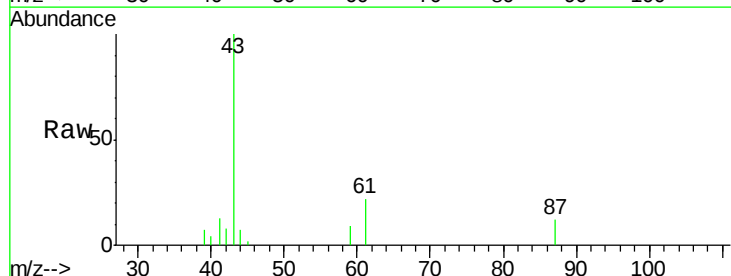
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-A

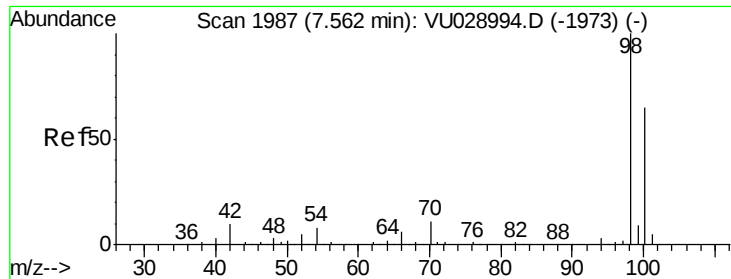
Tot Ion:113 Resp: 66469
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.2
 192 20.9 16.8 25.2



#43
 Isopropyl Acetate
 Concen: 3.083 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU029208.D
 Acq: 16 Jan 2019 14:42

Tgt Ion: 43 Resp: 10071
 Ion Ratio Lower Upper
 43 100
 61 19.5 17.8 26.6
 87 12.3 11.3 16.9

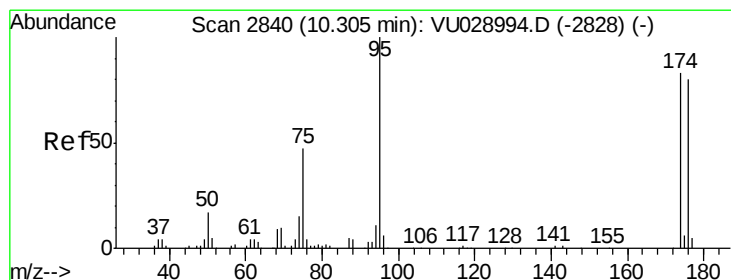
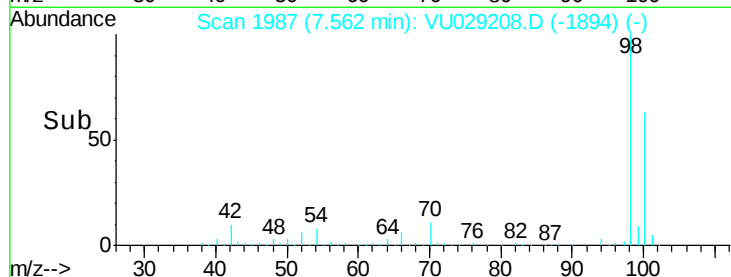
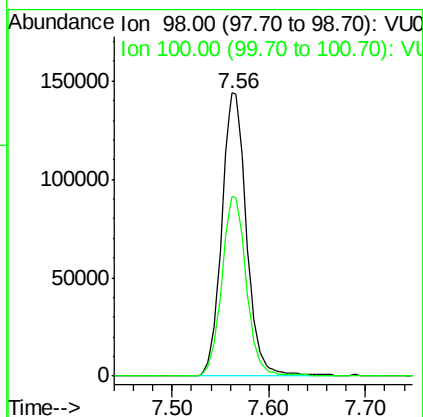
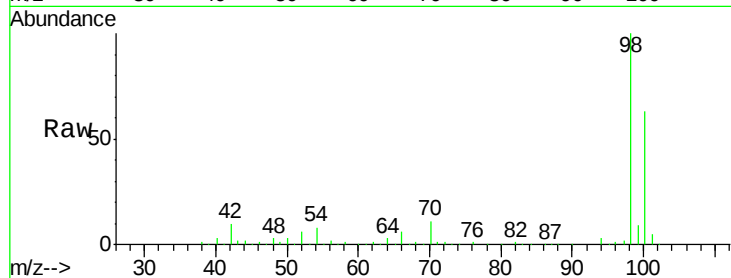




#50
Toluene-d8
Concen: 51.342 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

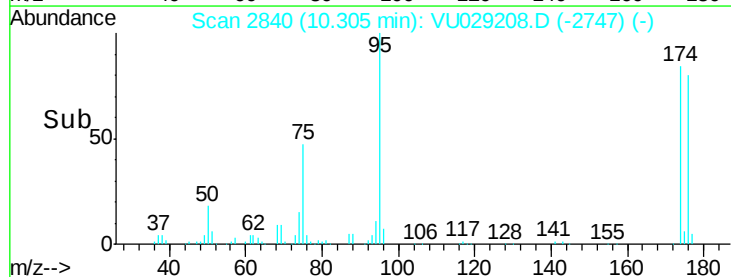
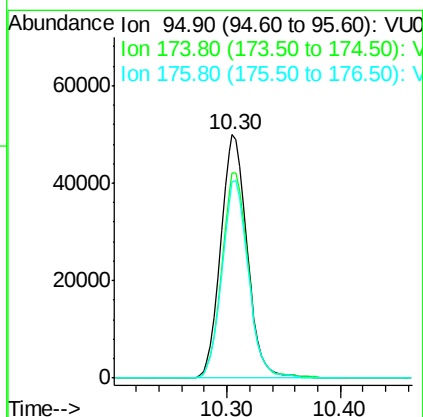
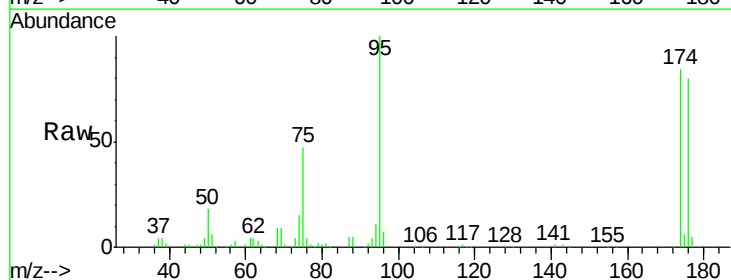
Instrument :
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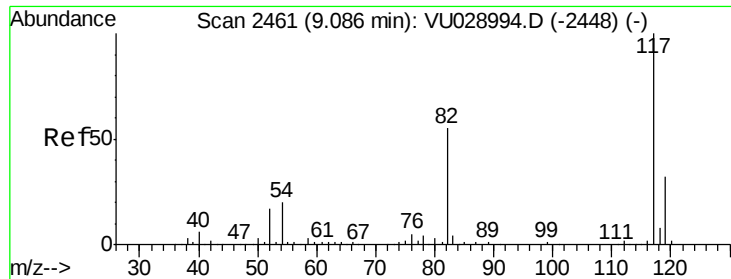
Tot Ion: 98 Resp: 255040
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.525 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

Tgt Ion: 95 Resp: 81273
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.6
176 80.6 0.0 165.0

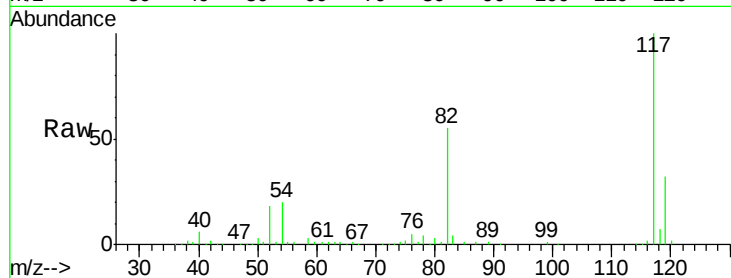




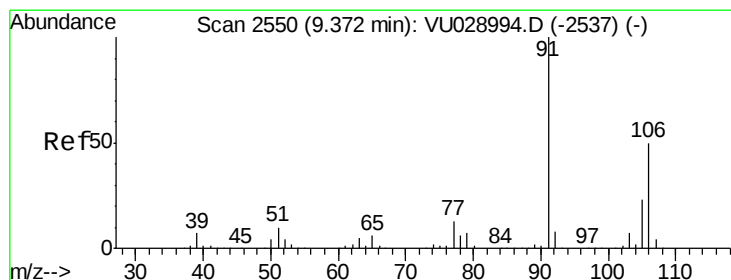
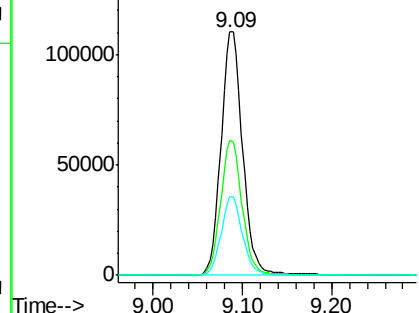
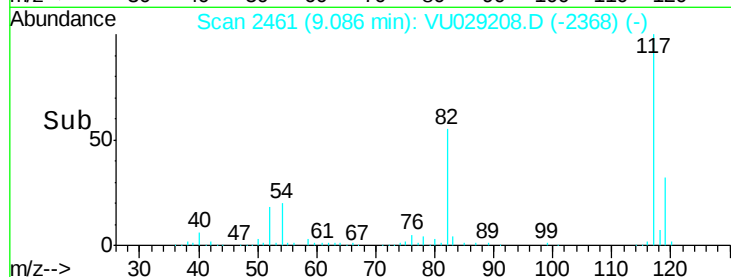
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-A

Tot Ion:117 Resp: 185445
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 32.3 26.0 39.0

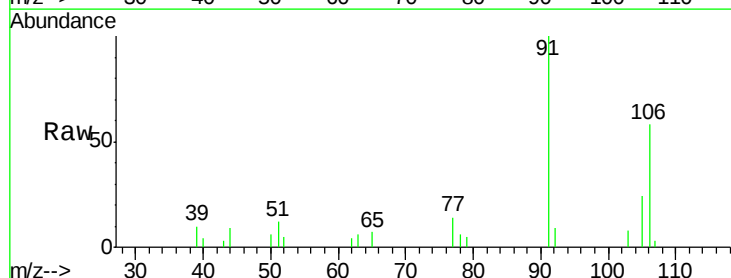


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

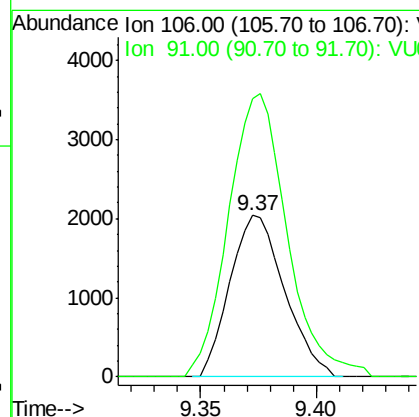
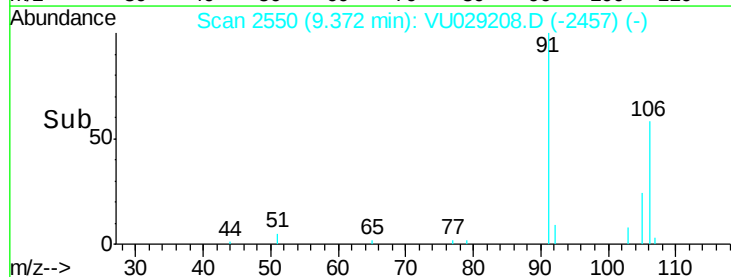


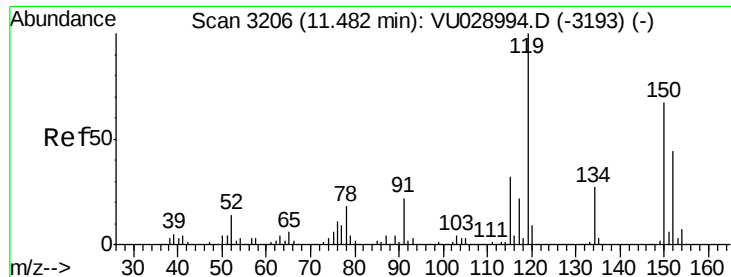
#68
m/p-Xylenes
Concen: 1.240 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029208.D
Acq: 16 Jan 2019 14:42

Tgt Ion:106 Resp: 3345
Ion Ratio Lower Upper
106 100
91 188.3 161.7 242.5



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029208.D

Acq: 16 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-011518-A

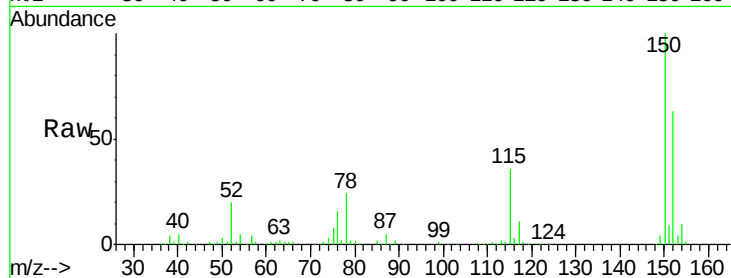
Tot Ion:152 Resp: 77939

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

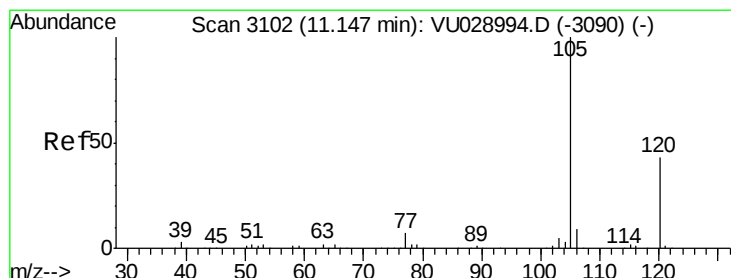
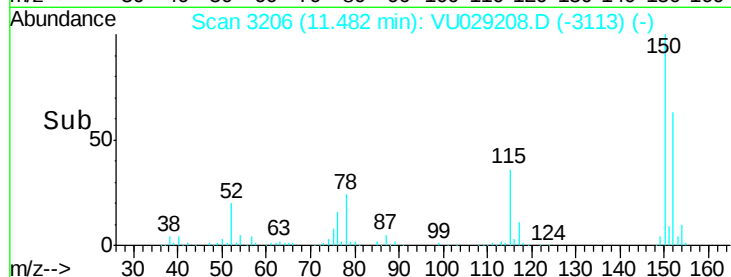
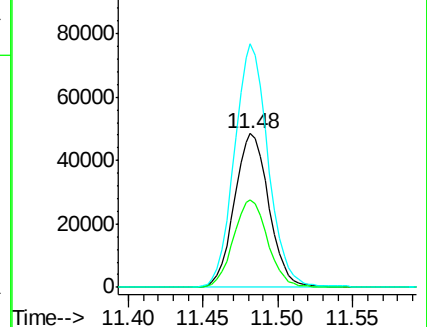
150 155.1 0.0 345.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.702 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029208.D

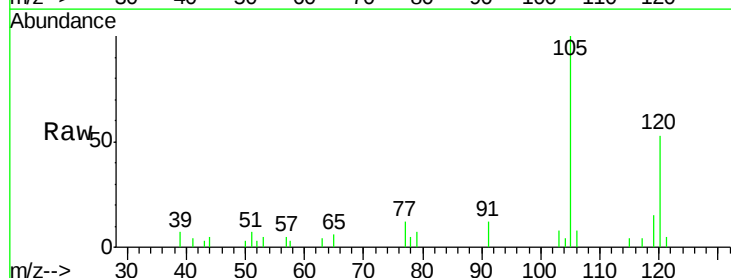
Acq: 16 Jan 2019 14:42

Tgt Ion:105 Resp: 8186

Ion Ratio Lower Upper

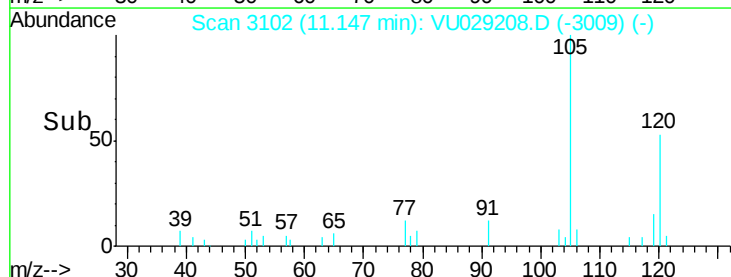
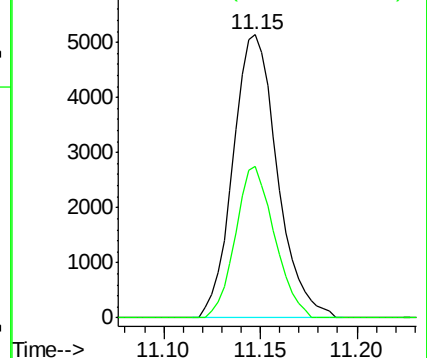
105 100

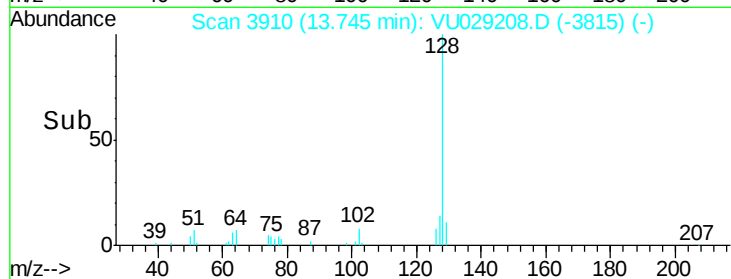
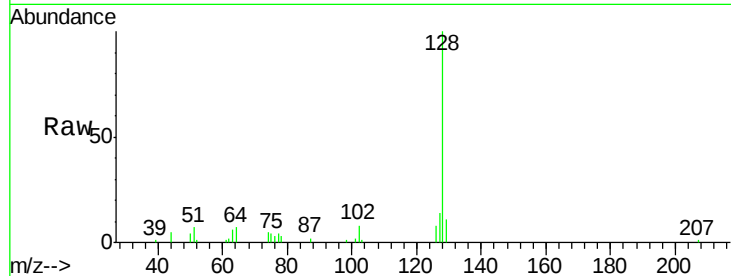
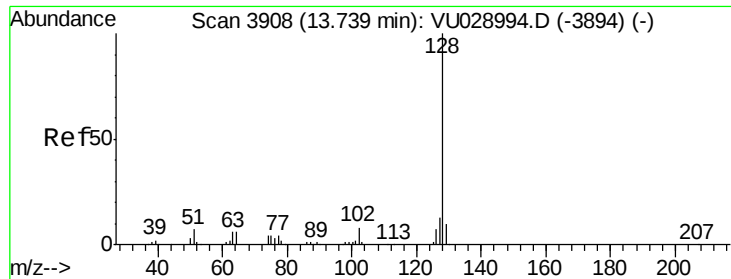
120 46.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.689 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029208.D

Acq: 16 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

EO-01-011518-A

Tot Ion:128 Resp: 22247

Ion Ratio Lower Upper

128 100

127 11.7 10.1 15.1

129 10.2 8.5 12.7

