

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027301.D
 Acq On : 29 Sep 2018 03:29
 Operator : MD/SY
 Sample : J4776-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-092718-C

Quant Time: Oct 01 02:26:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

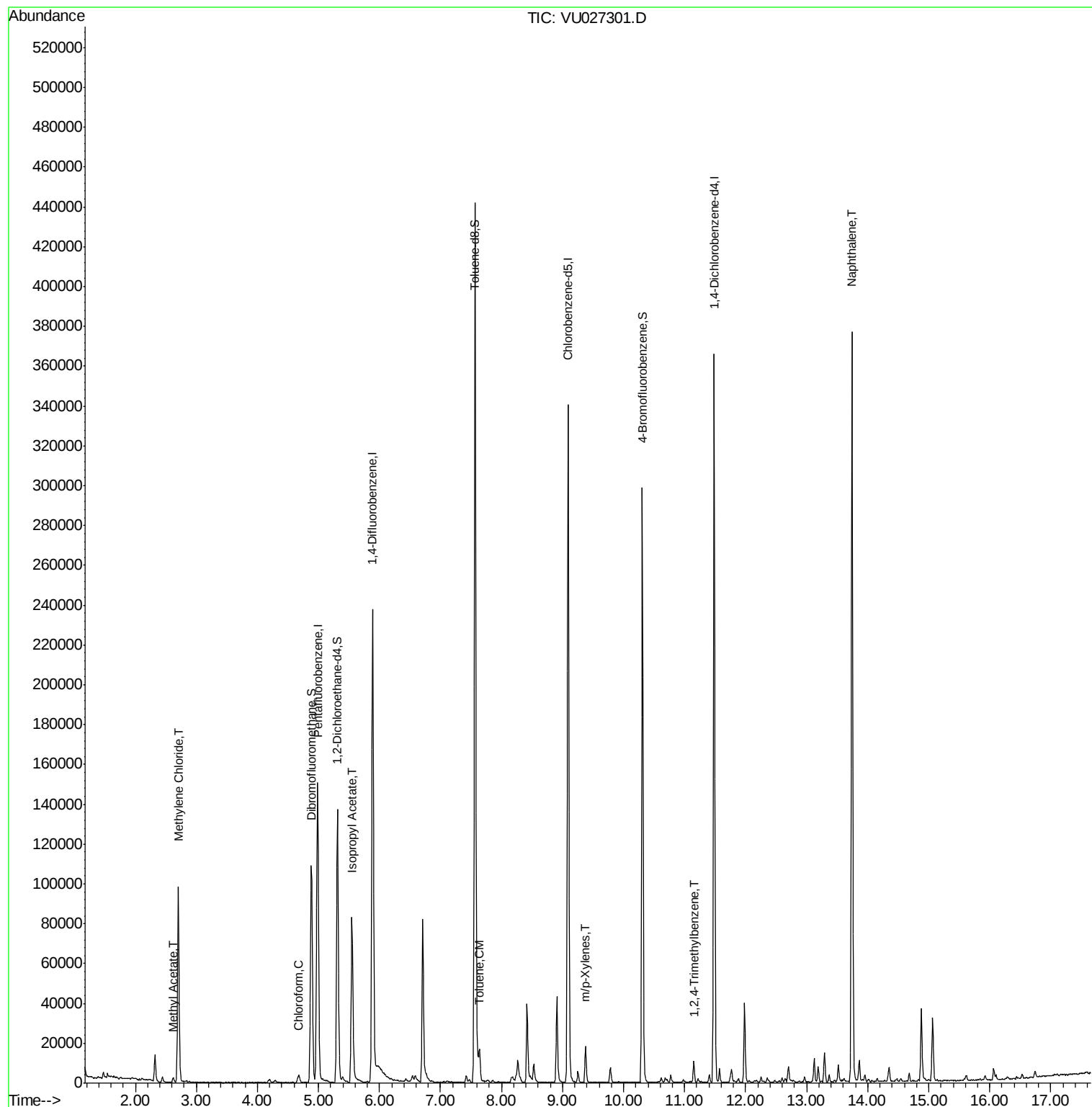
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	106991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	183102	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106273	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	4.88	113	75302	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	7.57	98	290641	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.31	95	97888	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.62	43	3529	1.151	ug/l #	83
20) Methylene Chloride	2.70	84	40323	20.909	ug/l	99
30) Chloroform	4.68	83	3427	1.046	ug/l	99
43) Isopropyl Acetate	5.55	43	99868	20.700	ug/l	97
52) Toluene	7.64	92	4907	1.152	ug/l	98
68) m/p-Xylenes	9.38	106	5267	3.164	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	5921	1.078	ug/l	97
95) Naphthalene	13.74	128	271555	38.556	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027301.D

Acq: 29 Sep 2018 03:29

Instrument :

MSVOA_U

ClientSampleId :

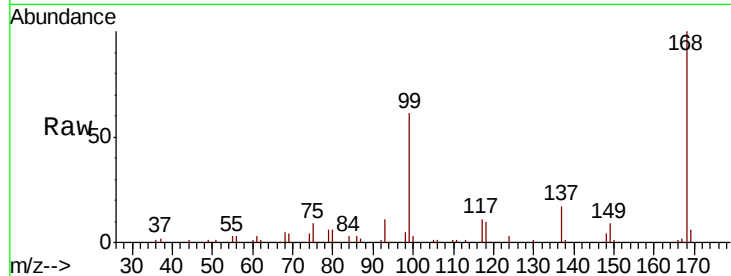
EO-01-092718-C

Tot Ion:168 Resp: 106991

Ion Ratio Lower Upper

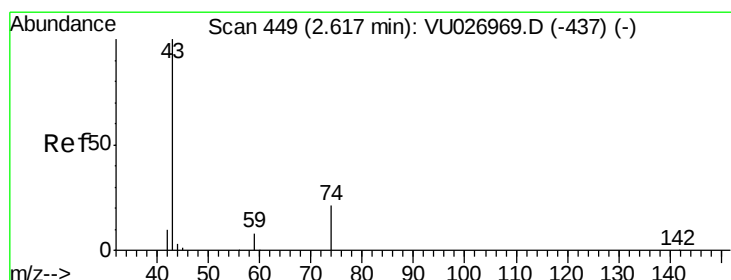
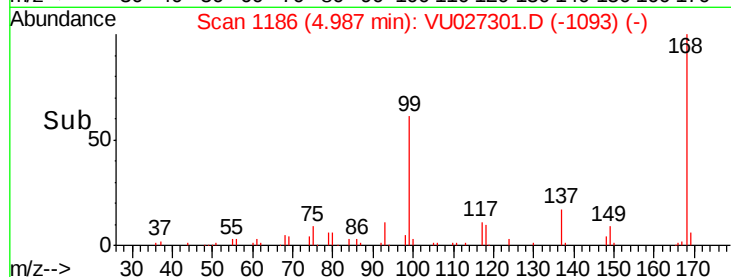
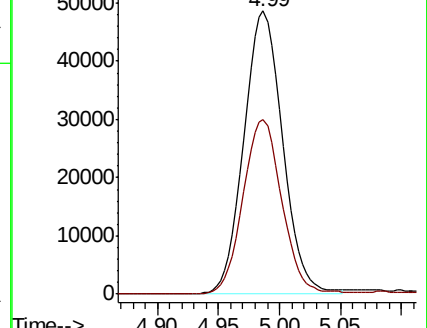
168 100

99 61.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#18

Methyl Acetate

Concen: 1.151 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027301.D

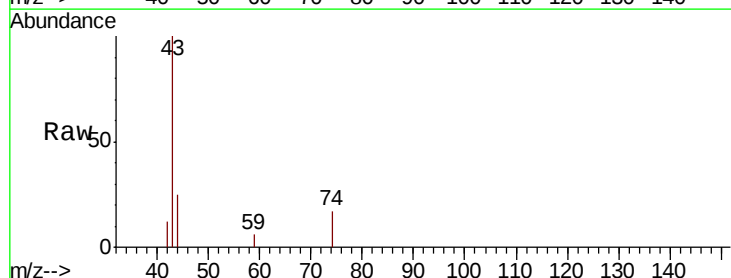
Acq: 29 Sep 2018 03:29

Tgt Ion: 43 Resp: 3529

Ion Ratio Lower Upper

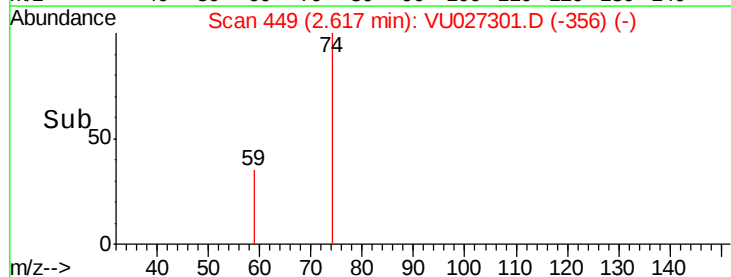
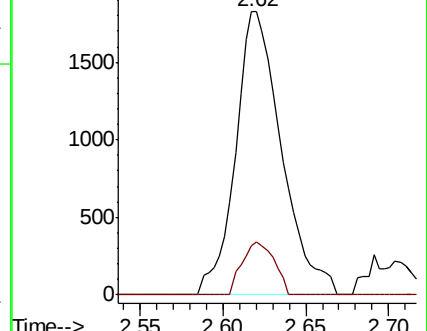
43 100

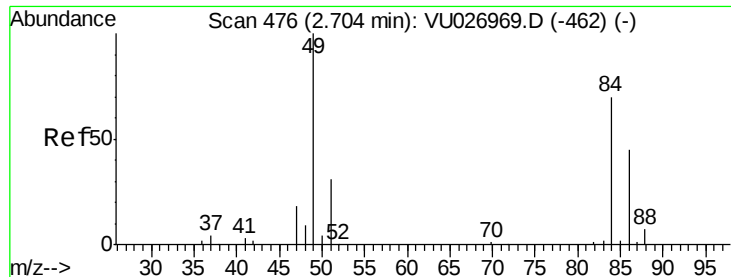
74 13.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

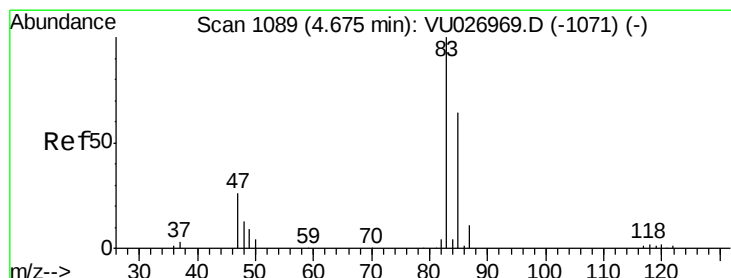
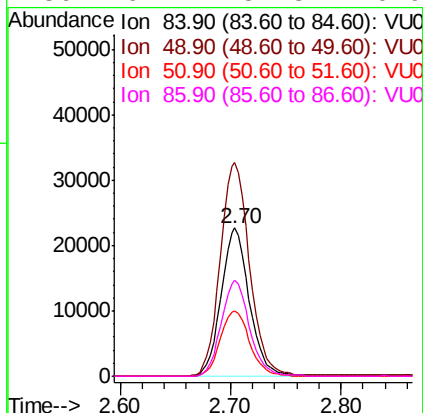
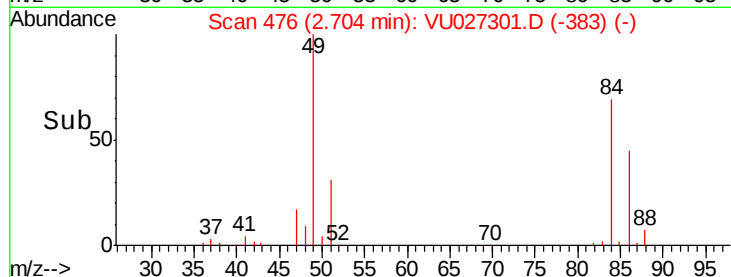
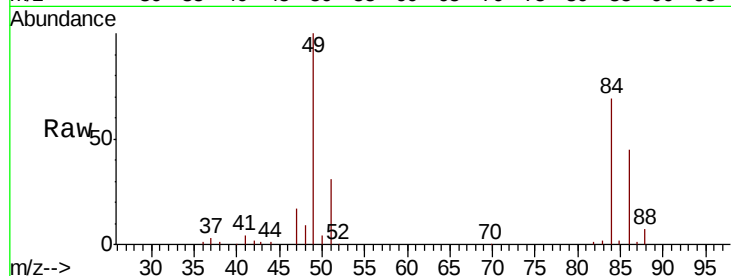




#20
Methvlene Chloride
Concen: 20.909 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

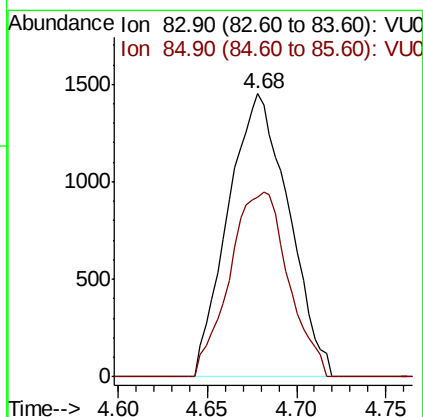
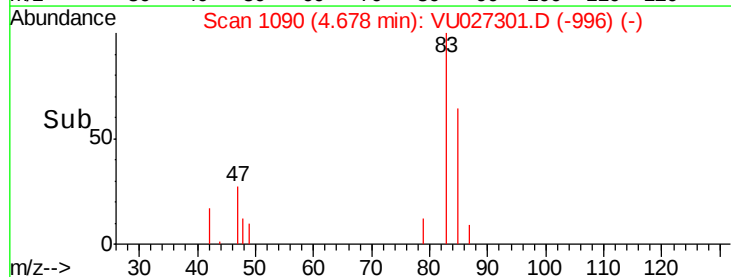
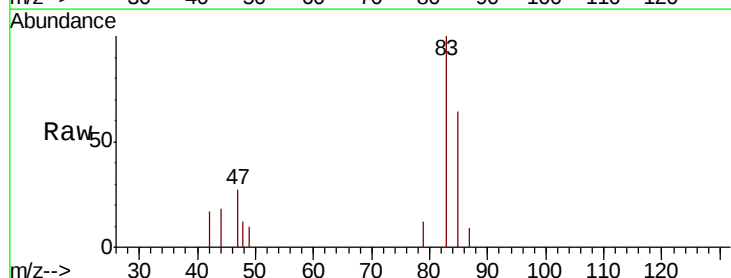
Instrument :
MSVOA_U
ClientSampleId :
EO-01-092718-C

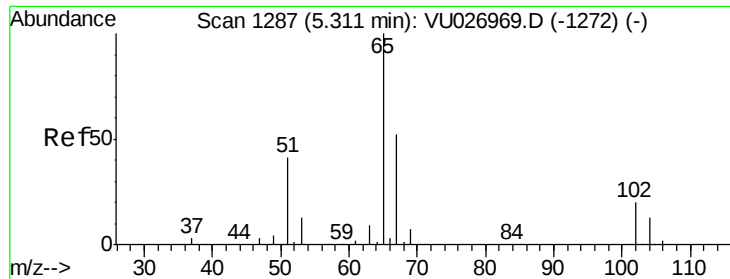
Tot Ion: 84 Resp: 40323
Ion Ratio Lower Upper
84 100
49 144.0 114.9 172.3
51 44.1 35.8 53.8
86 64.7 51.3 76.9



#30
Chloroform
Concen: 1.046 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

Tgt Ion: 83 Resp: 3427
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3

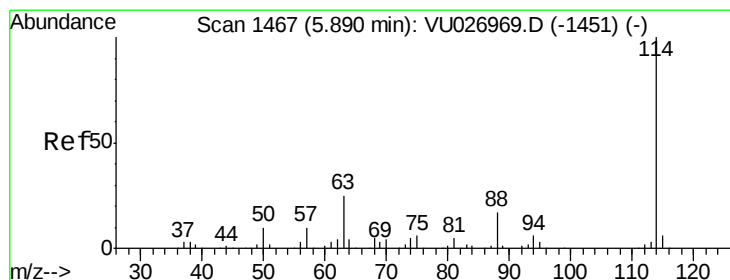
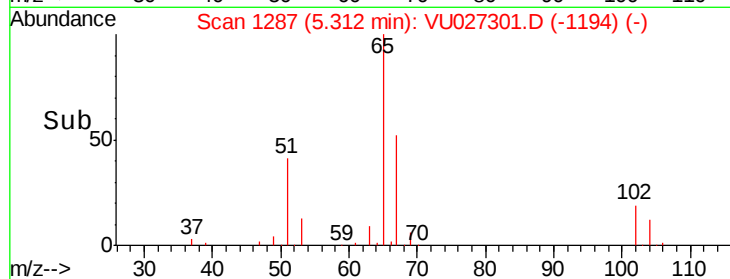
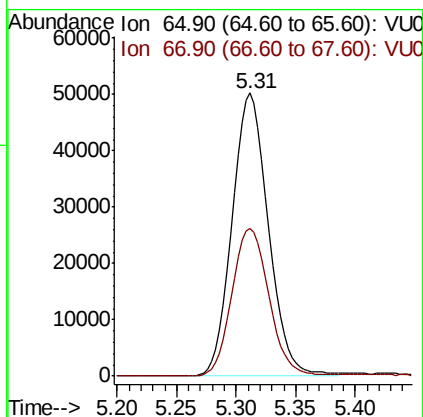
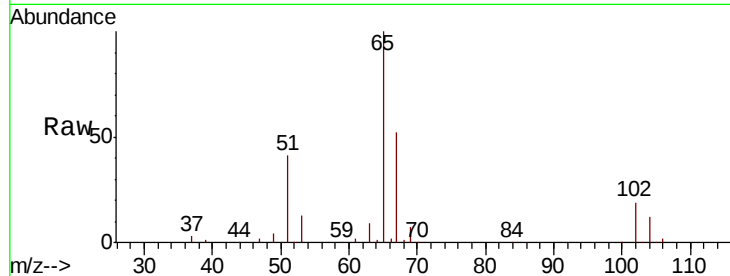




#33
 1,2-Dichloroethane-d4
 Concen: 49.352 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027301.D
 Acq: 29 Sep 2018 03:29

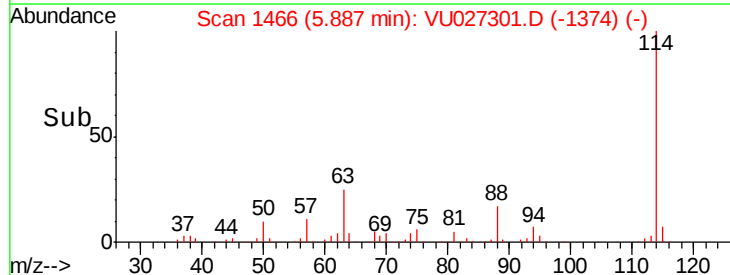
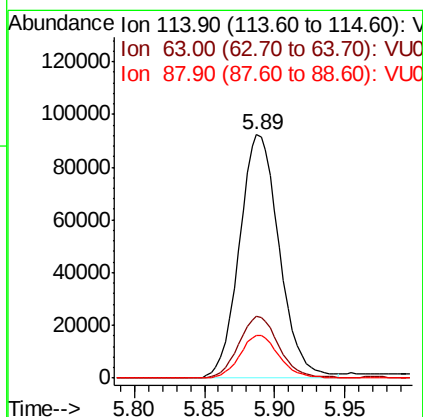
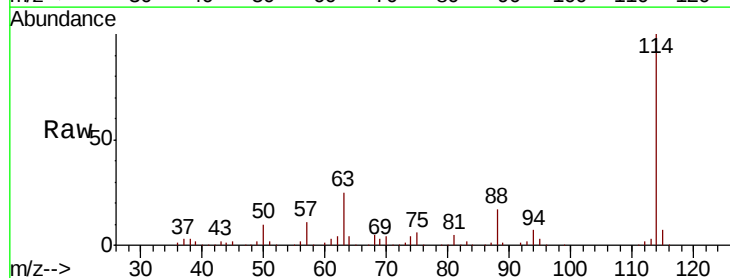
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-092718-C

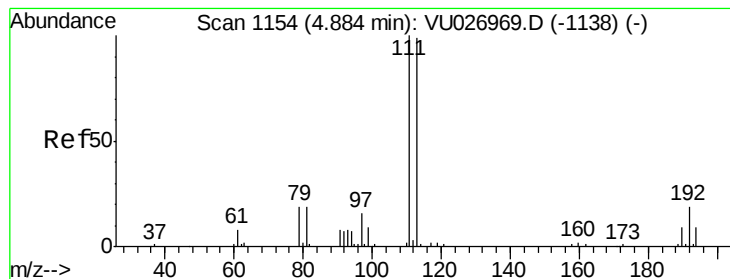
Tot Ion: 65 Resp: 106273
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027301.D
 Acq: 29 Sep 2018 03:29

Tgt Ion: 114 Resp: 183102
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.445 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027301.D

Acq: 29 Sep 2018 03:29

Instrument :

MSVOA_U

ClientSampleId :

EO-01-092718-C

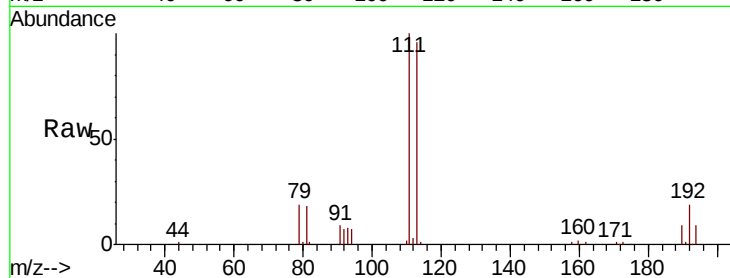
Tot Ion:113 Resp: 75302

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

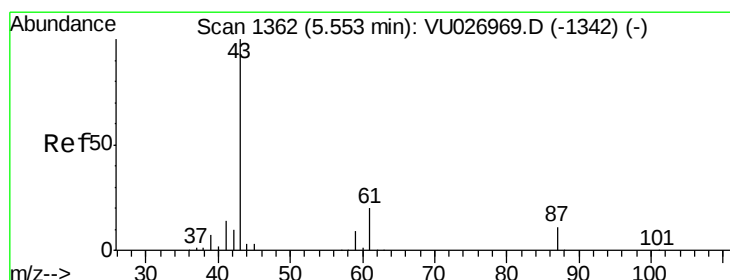
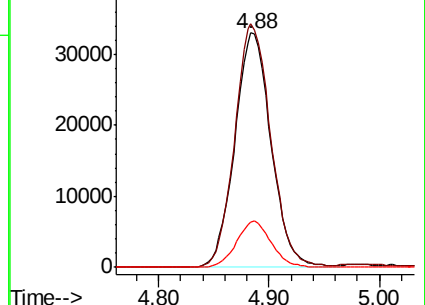
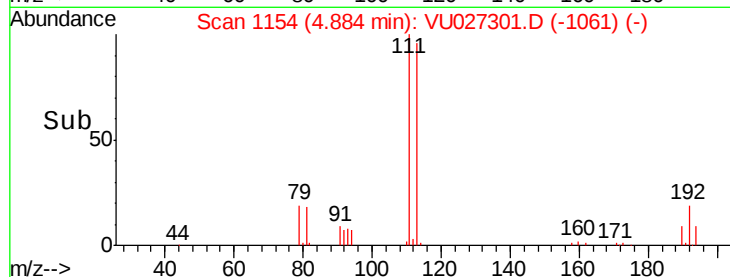
192 18.8 15.2 22.8



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



#43

Isopropyl Acetate

Concen: 20.700 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027301.D

Acq: 29 Sep 2018 03:29

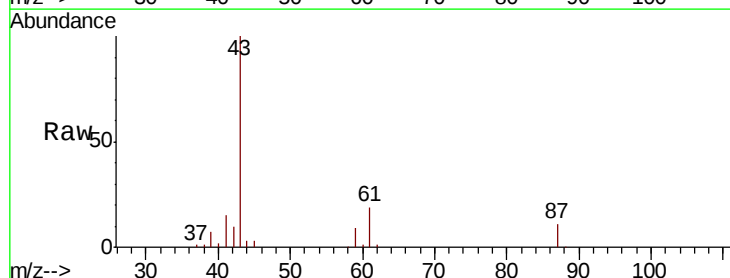
Tgt Ion: 43 Resp: 99868

Ion Ratio Lower Upper

43 100

61 18.1 15.7 23.5

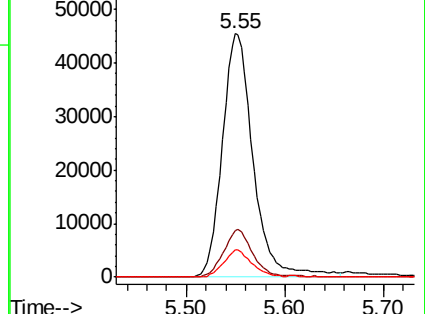
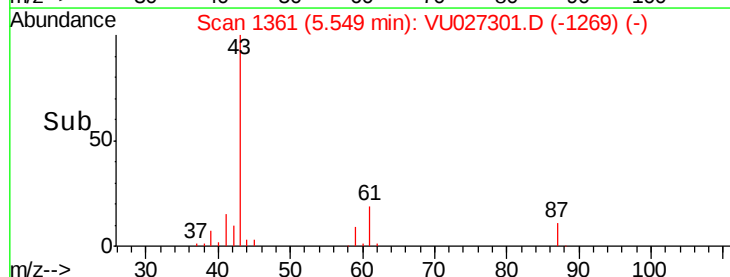
87 10.2 9.0 13.4

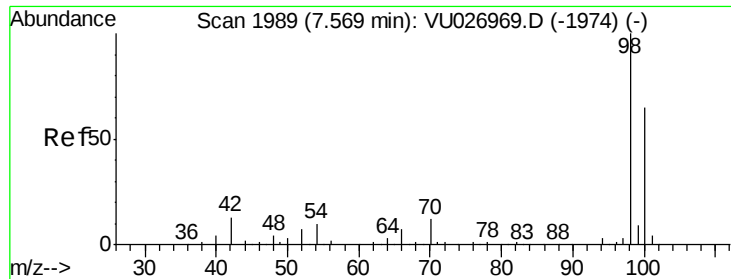


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

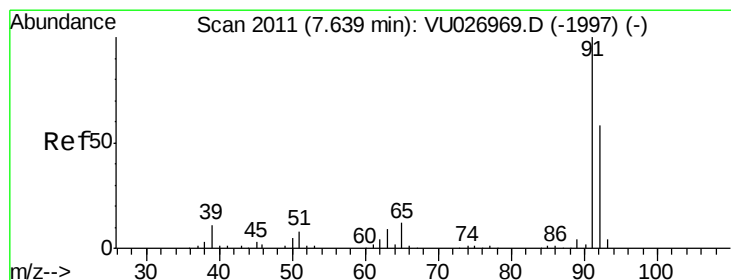
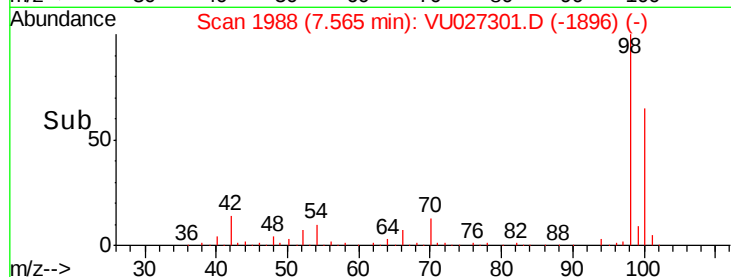
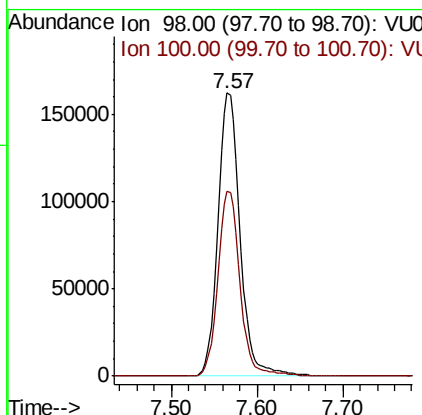
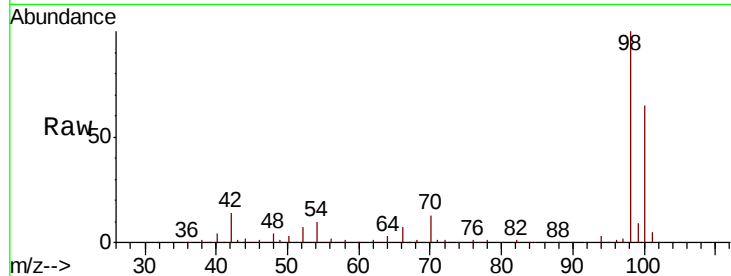




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

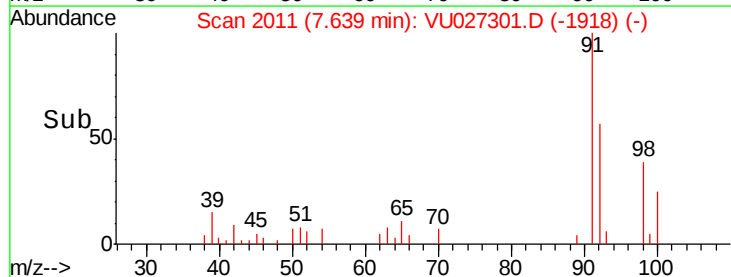
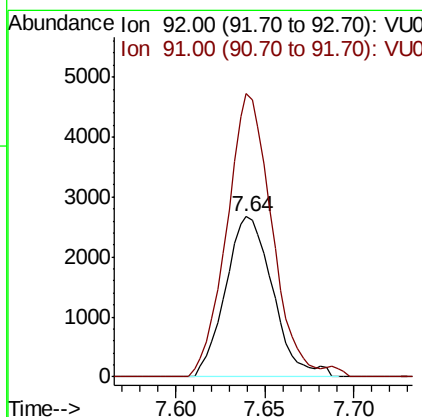
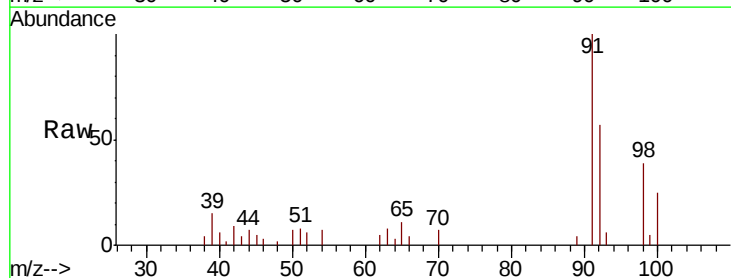
Instrument :
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EO-01-092718-C

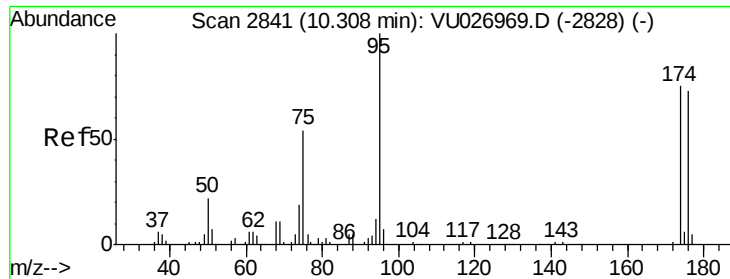
Tot Ion: 98 Resp: 290641
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#52
Toluene
Concen: 1.152 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

Tgt Ion: 92 Resp: 4907
Ion Ratio Lower Upper
92 100
91 167.7 136.4 204.6

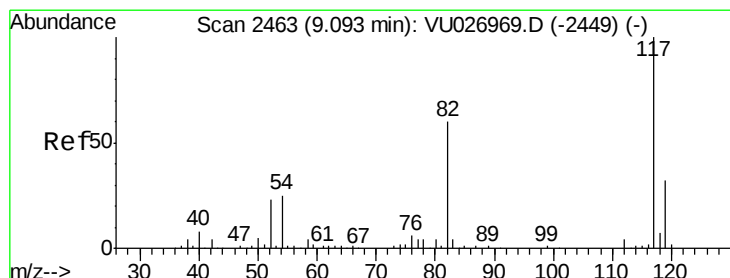
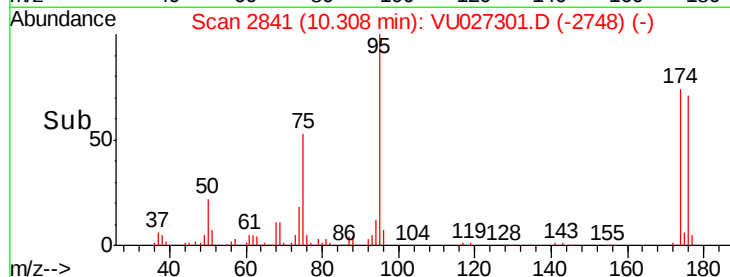
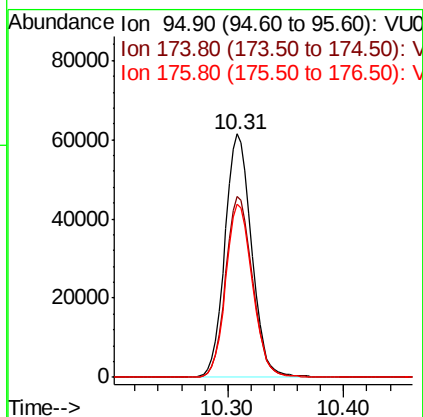
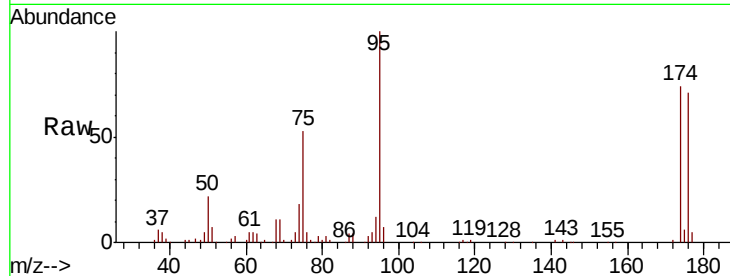




#62
4-Bromofluorobenzene
Concen: 47.164 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

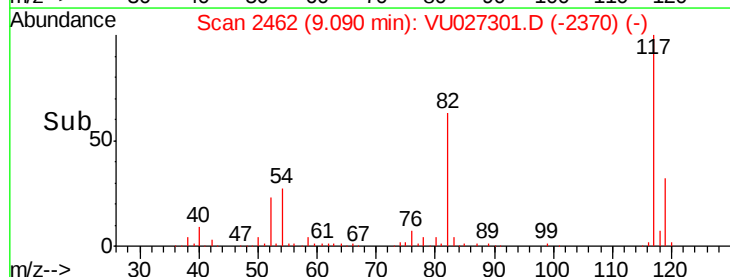
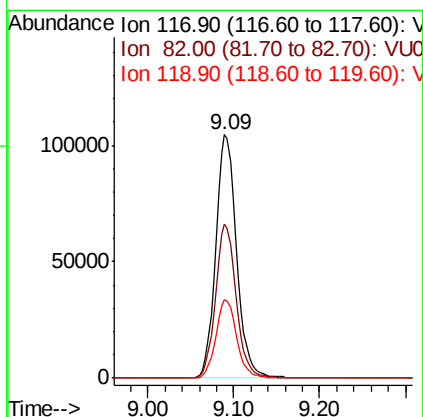
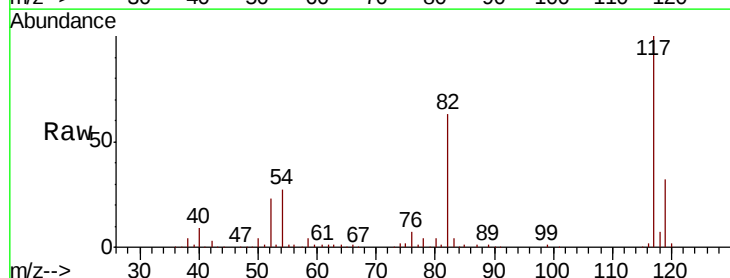
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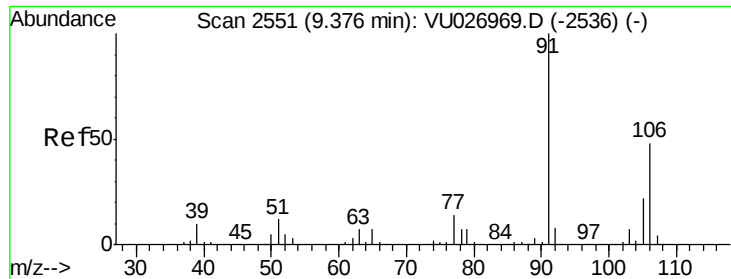
Tot Ion: 95 Resp: 97888
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.2
176 71.6 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

Tgt Ion: 117 Resp: 176681
Ion Ratio Lower Upper
117 100
82 63.2 48.0 72.0
119 32.2 25.8 38.8

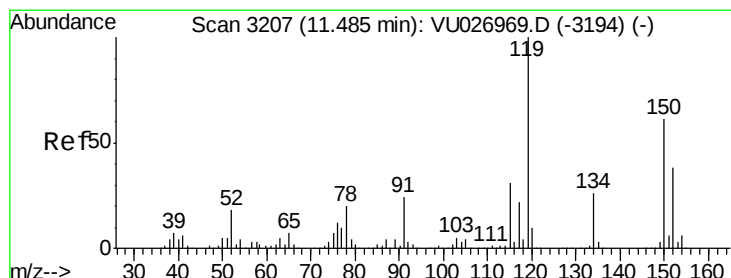
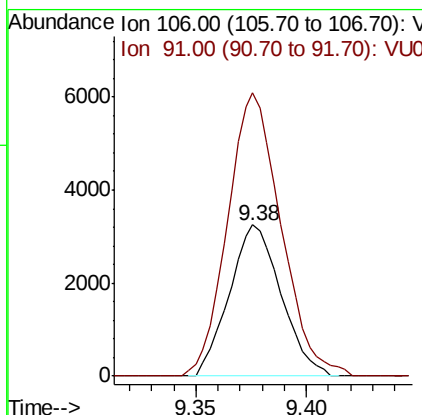
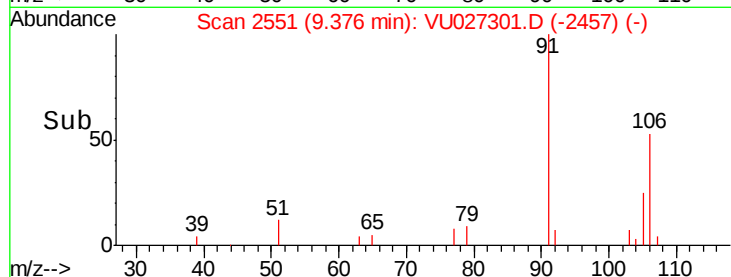
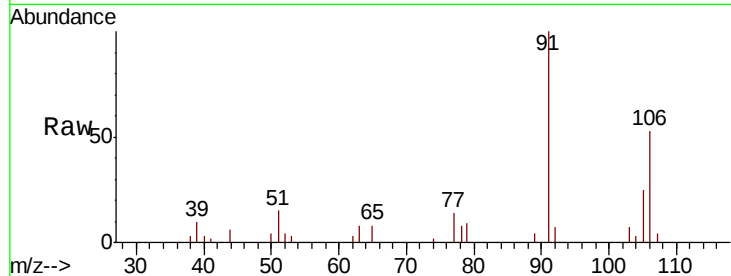




#68
m/p-Xvlenes
Concen: 3.164 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

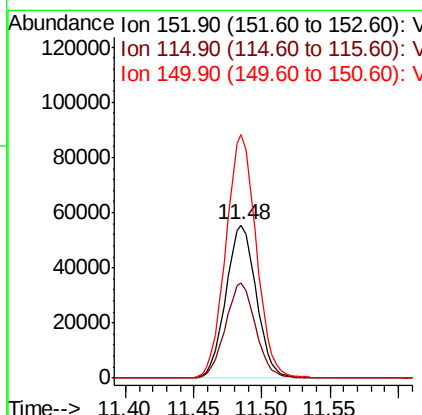
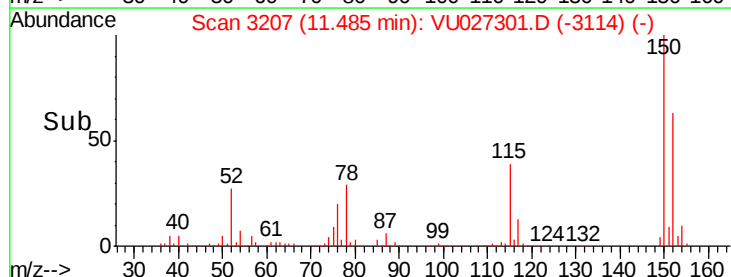
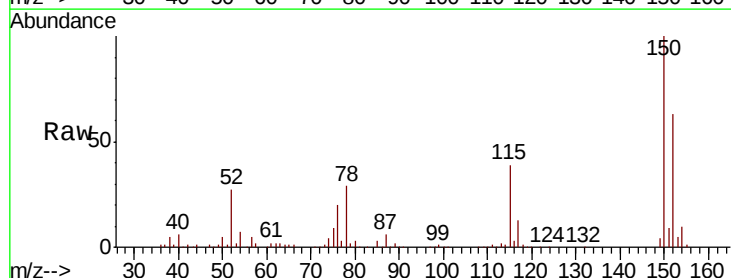
Instrument :
MSVOA_U
ClientSampleId :
EO-01-092718-C

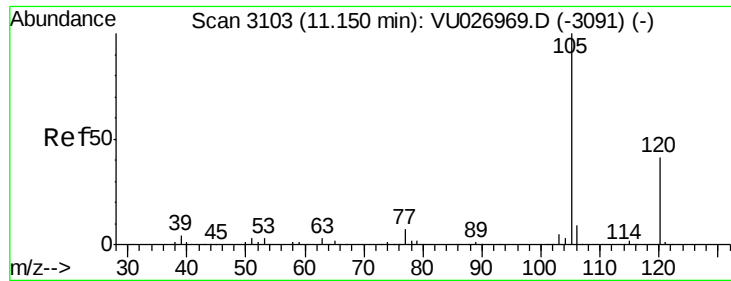
Tot Ion:106 Resp: 5267
Ion Ratio Lower Upper
106 100
91 193.8 166.5 249.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027301.D
Acq: 29 Sep 2018 03:29

Tgt Ion:152 Resp: 85964
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 159.2 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 1.078 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027301.D

Acq: 29 Sep 2018 03:29

Instrument :

MSVOA_U

ClientSampleId :

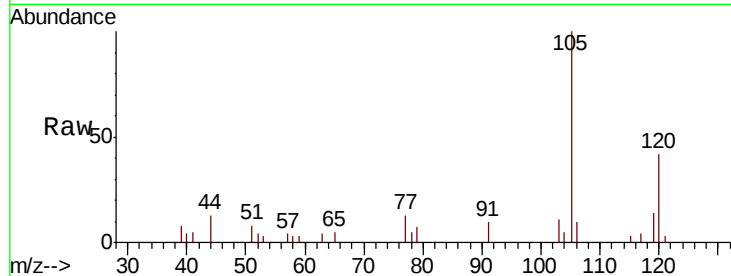
EO-01-092718-C

Tot Ion:105 Resp: 5921

Ion Ratio Lower Upper

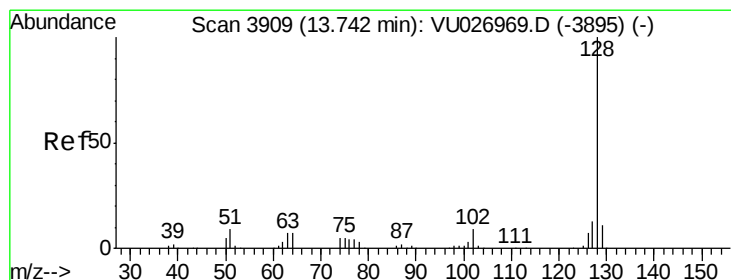
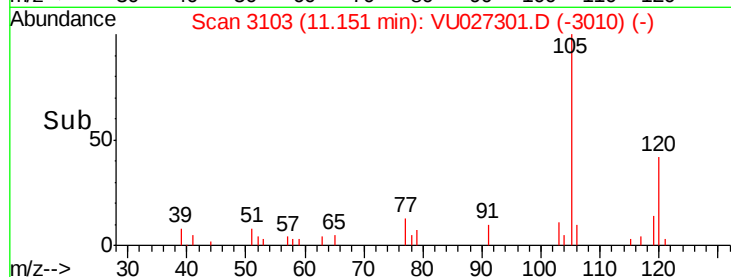
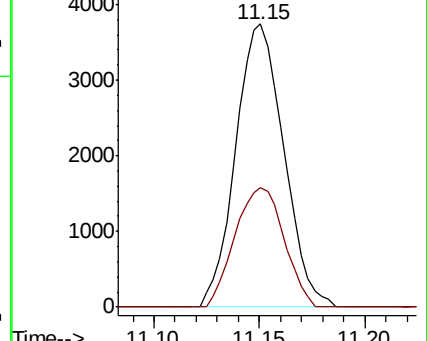
105 100

120 43.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 38.556 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027301.D

Acq: 29 Sep 2018 03:29

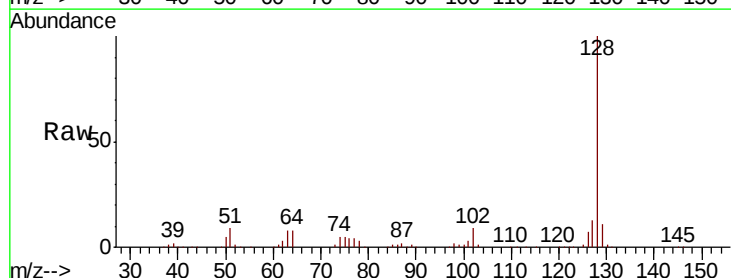
Tgt Ion:128 Resp: 271555

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

