

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028085.D
 Acq On : 13 Nov 2018 12:29
 Operator : MD/SY
 Sample : J5921-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-TANK1-N29675

Quant Time: Nov 14 07:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

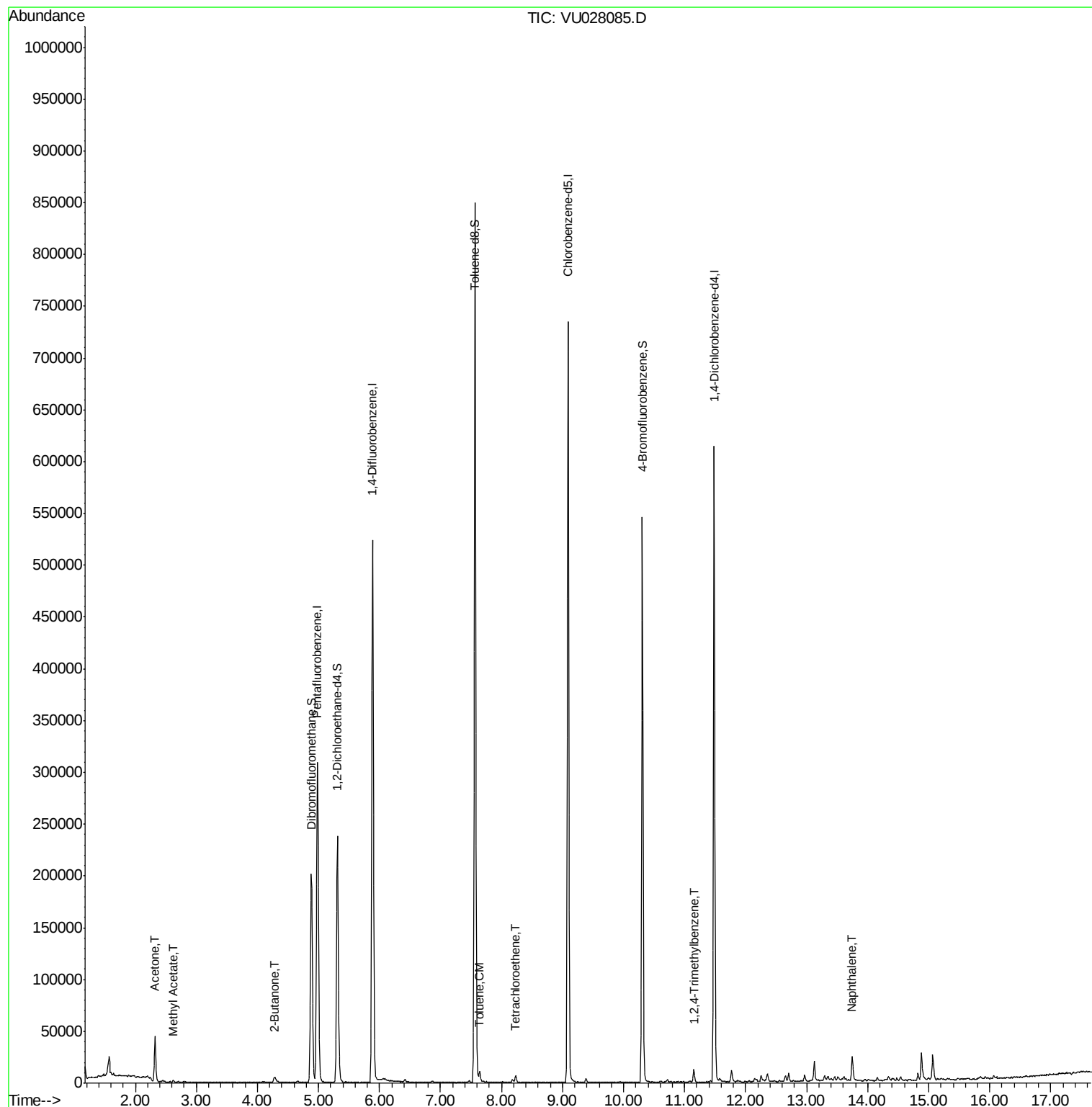
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	227684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	426315	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	380159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	155783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	182166	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	4.88	113	137956	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	7.57	98	543792	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	10.31	95	181737	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
16) Acetone	2.32	43	45223	21.532	ug/l	98
18) Methyl Acetate	2.62	43	2480	0.429	ug/l #	91
25) 2-Butanone	4.28	43	9663	2.892	ug/l	100
52) Toluene	7.65	92	4274	0.533	ug/l	96
64) Tetrachloroethene	8.23	164	1268	0.514	ug/l #	77
84) 1,2,4-Trimethylbenzene	11.15	105	7750	0.770	ug/l	99
95) Naphthalene	13.75	128	20936	1.462	ug/l	99

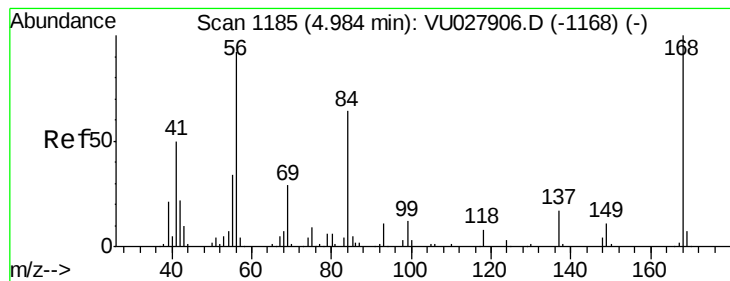
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028085.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_U

ClientSampleId :

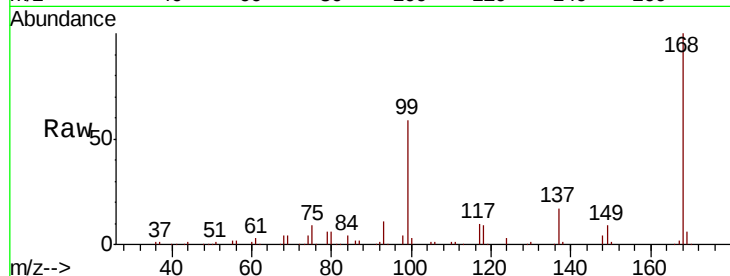
SP-TANK1-N29675

Tot Ion:168 Resp: 227684

Ion Ratio Lower Upper

168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028085.D (-1092) (-)

4.99

120000

100000

80000

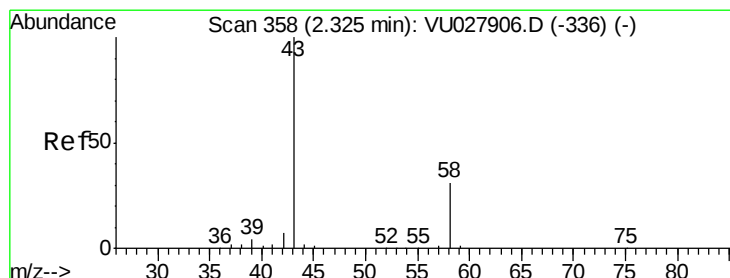
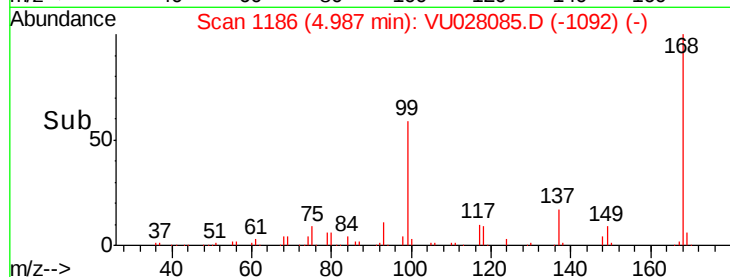
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.532 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028085.D

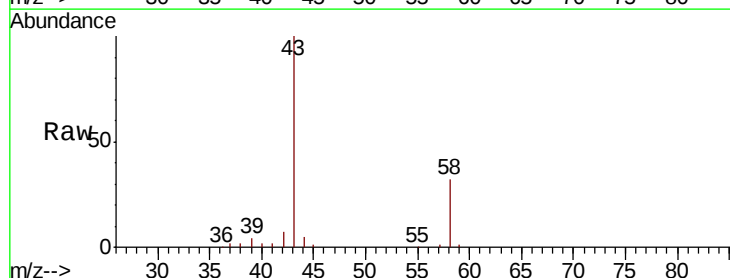
Acq: 13 Nov 2018 12:29

Tgt Ion: 43 Resp: 45223

Ion Ratio Lower Upper

43 100

58 31.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028085.D (-265) (-)

2.32

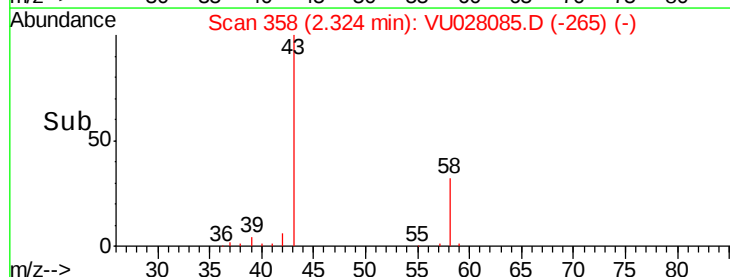
30000

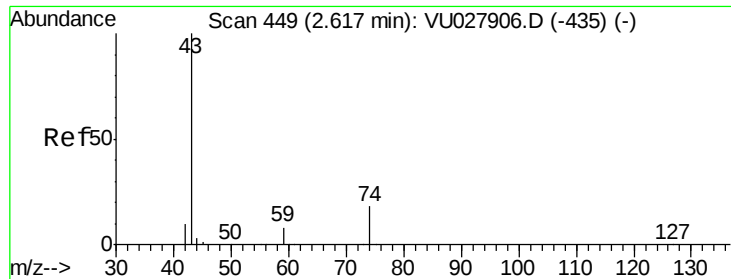
20000

10000

0

Time-->

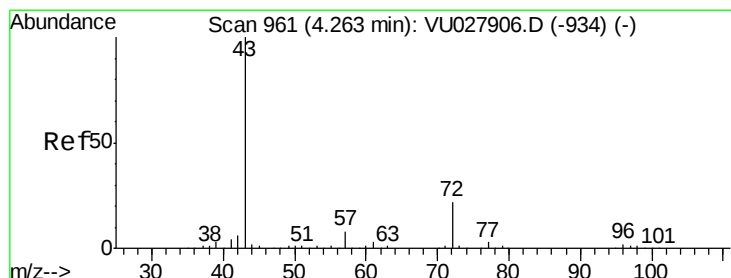
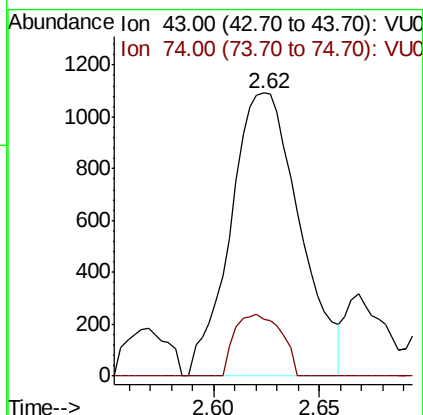
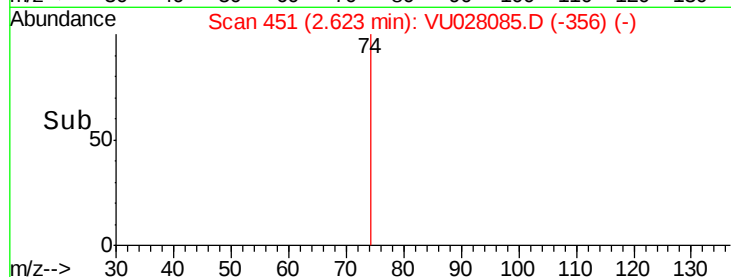
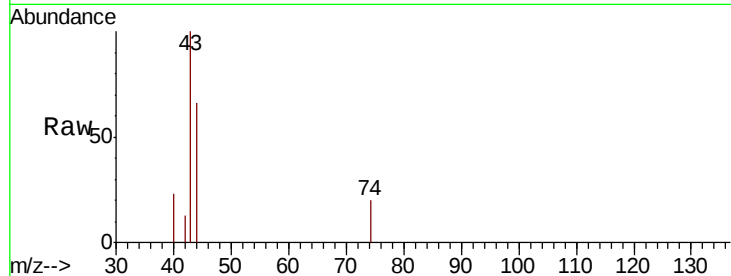




#18
Methvl Acetate
Concen: 0.429 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028085.D
Acq: 13 Nov 2018 12:29

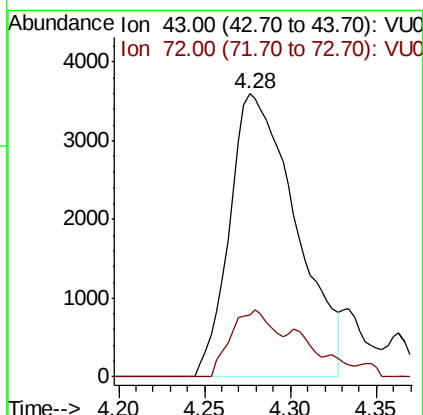
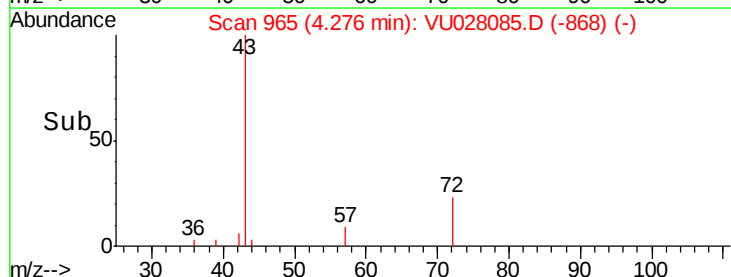
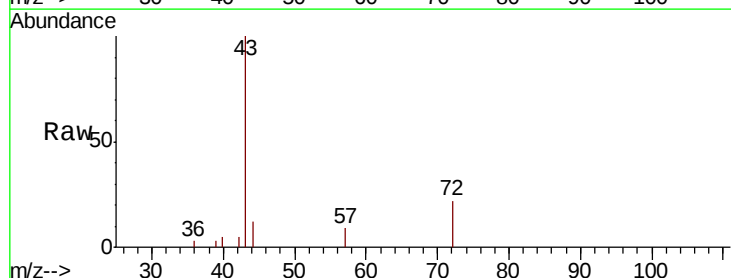
Instrument :
MSVOA_U
ClientSampleId :
SP-TANK1-N29675

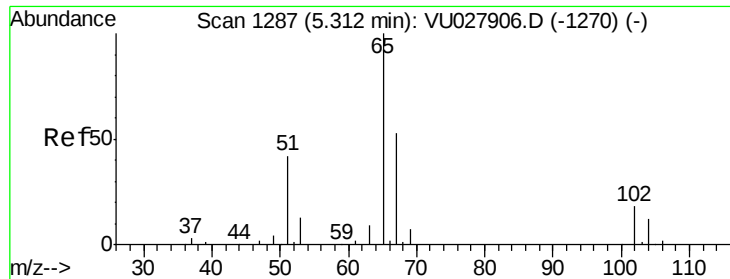
Tot Ion: 43 Resp: 2480
Ion Ratio Lower Upper
43 100
74 14.8 14.9 22.3#



#25
2-Butanone
Concen: 2.892 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.01 min
Lab File: VU028085.D
Acq: 13 Nov 2018 12:29

Tgt Ion: 43 Resp: 9663
Ion Ratio Lower Upper
43 100
72 21.9 17.7 26.5

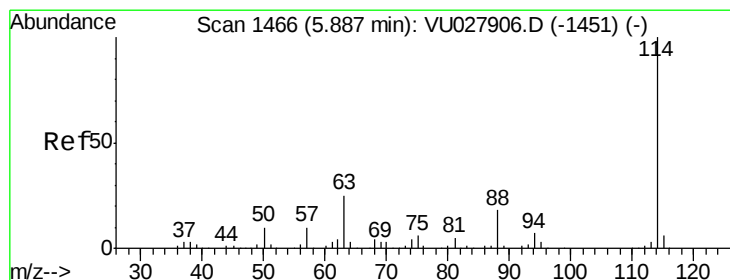
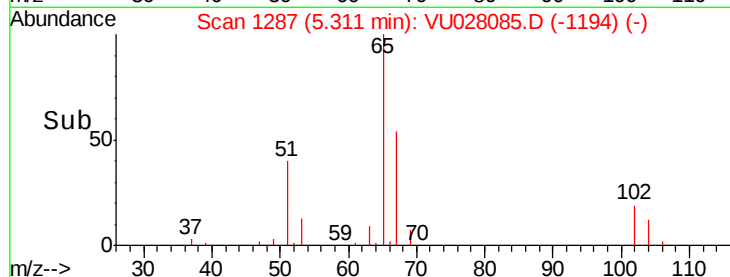
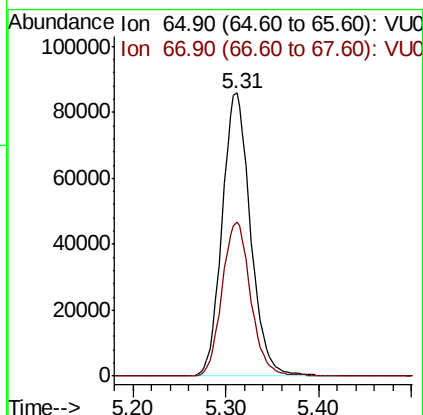
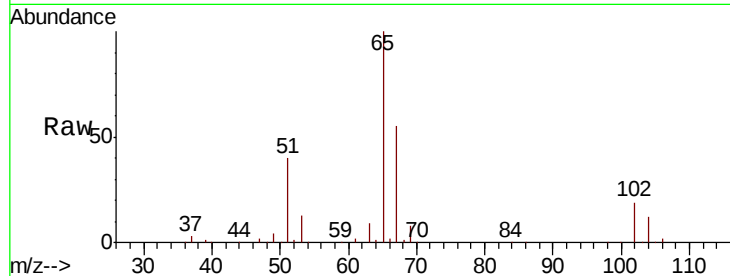




#33
 1,2-Dichloroethane-d4
 Concen: 53.814 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028085.D
 Acq: 13 Nov 2018 12:29

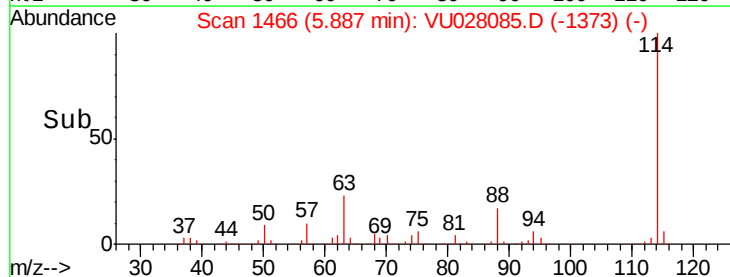
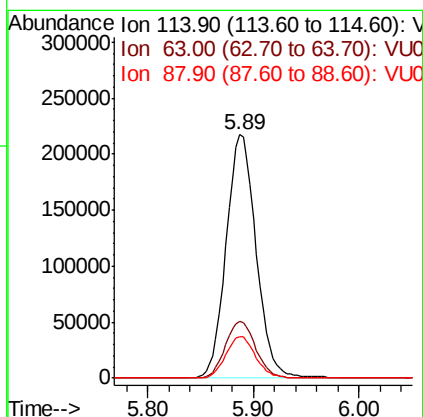
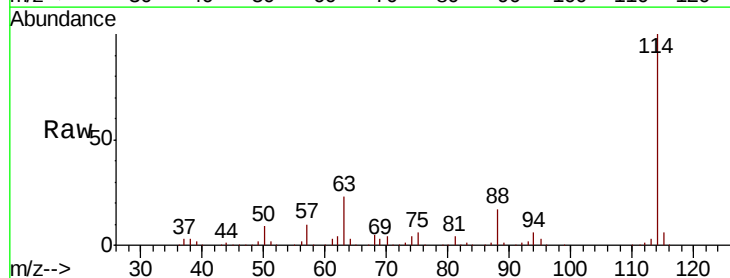
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-TANK1-N29675

Tot Ion: 65 Resp: 182166
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028085.D
 Acq: 13 Nov 2018 12:29

Tgt Ion: 114 Resp: 426315
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 50.8
 88 17.2 0.0 35.8

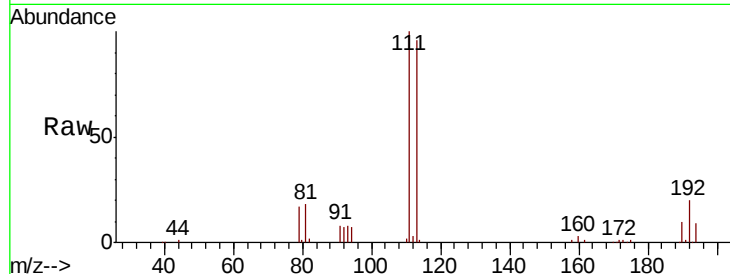




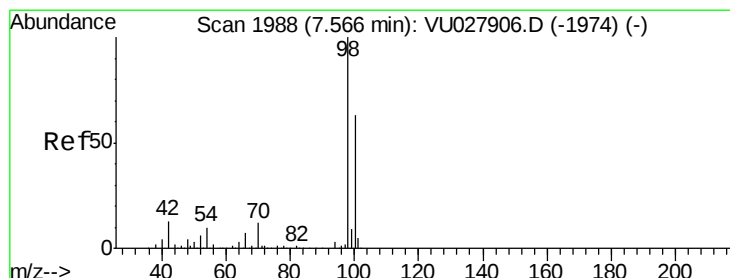
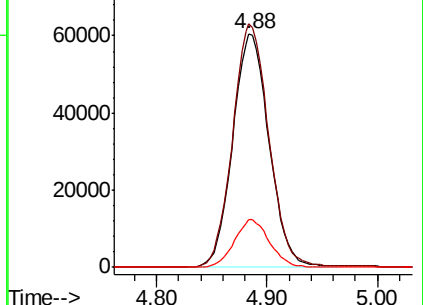
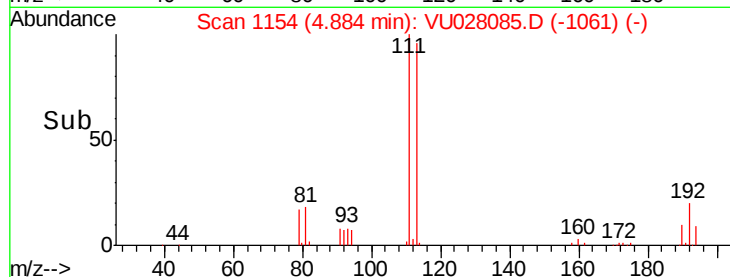
#35
 Dibromofluoromethane
 Concen: 51.323 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028085.D
 Acq: 13 Nov 2018 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-TANK1-N29675

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.6
192	19.8	15.6	23.4

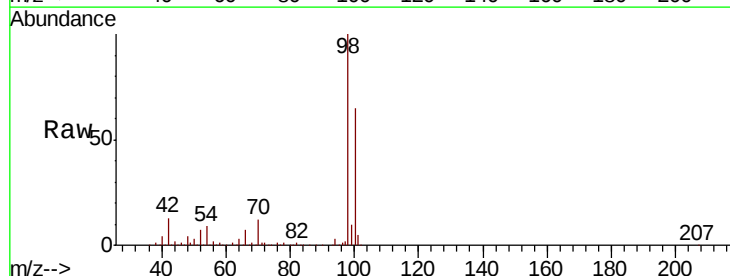


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

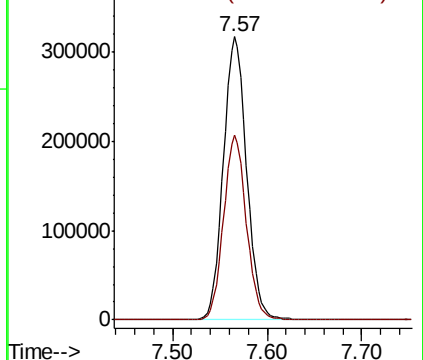
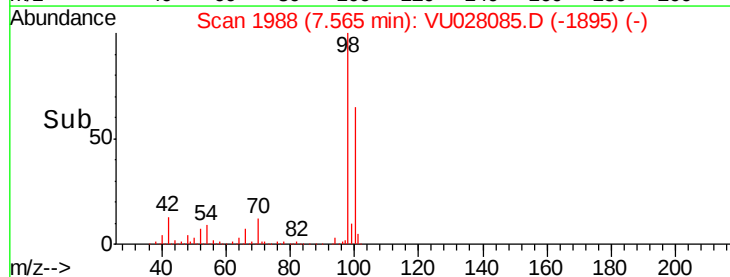


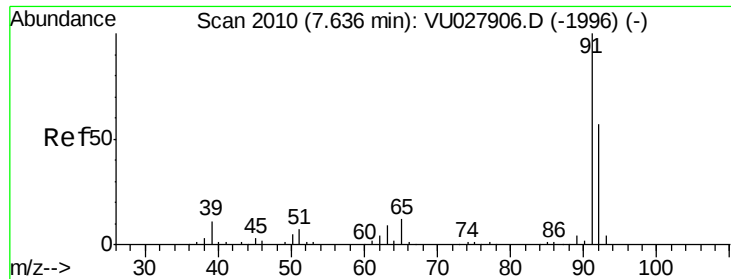
#50
 Toluene-d8
 Concen: 52.371 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU028085.D
 Acq: 13 Nov 2018 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.1	75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#52

Toluene

Concen: 0.533 ug/l

RT: 7.65 min Scan# 2013

Delta R.T. 0.01 min

Lab File: VU028085.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_U

ClientSampleId :

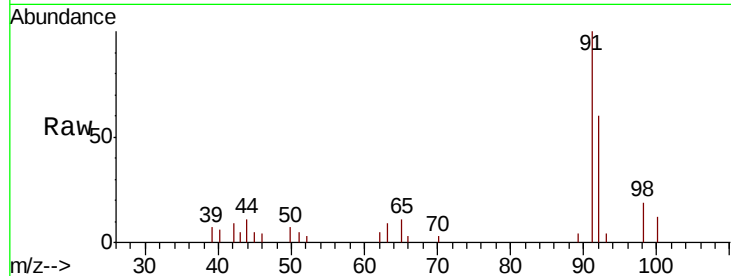
SP-TANK1-N29675

Tot Ion: 92 Resp: 4274

Ion Ratio Lower Upper

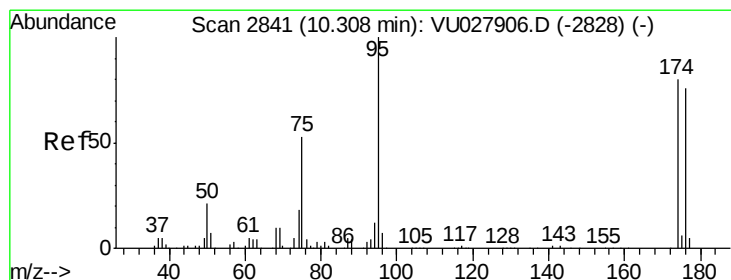
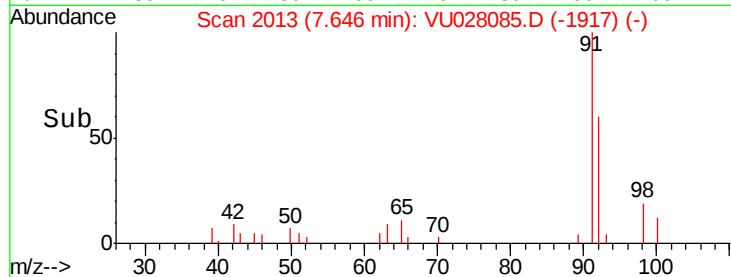
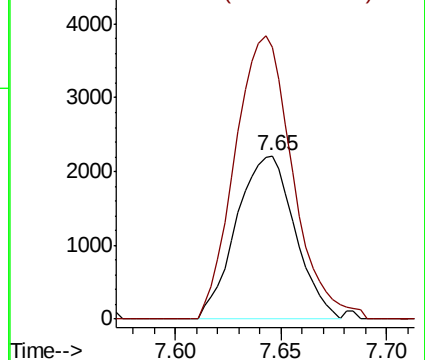
92 100

91 170.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)



#62

4-Bromofluorobenzene

Concen: 47.452 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028085.D

Acq: 13 Nov 2018 12:29

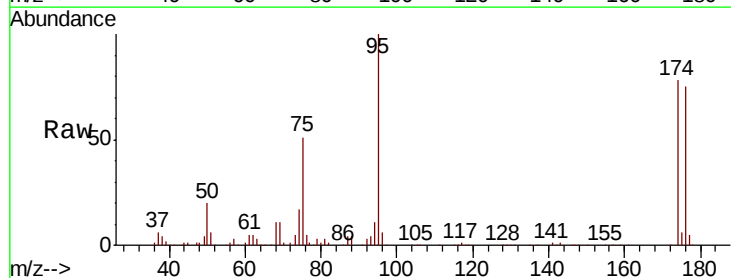
Tgt Ion: 95 Resp: 181737

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.4

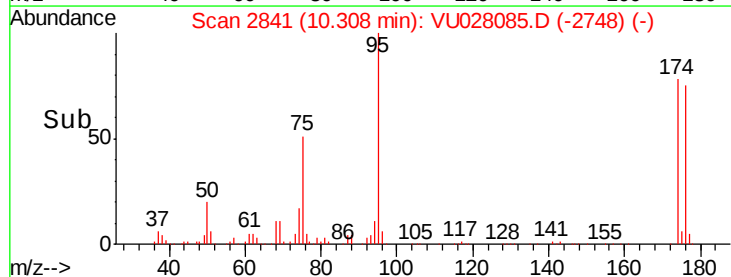
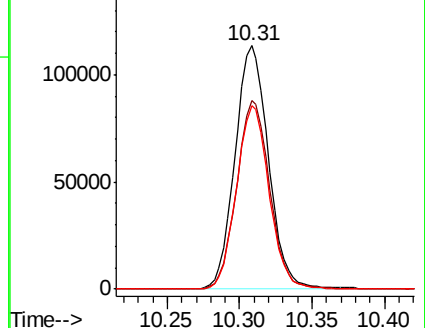
176 74.0 0.0 150.8

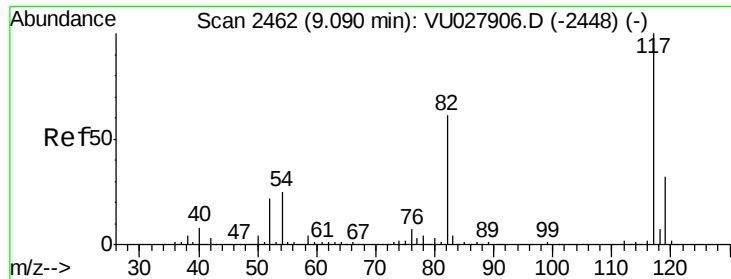


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

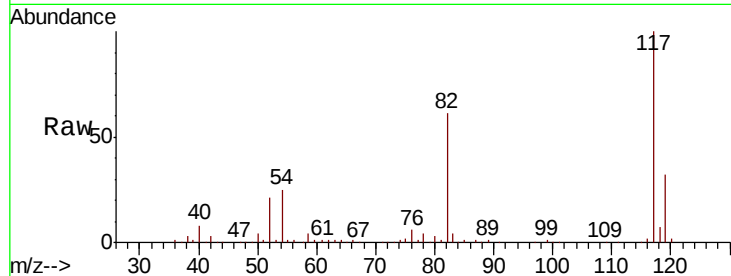




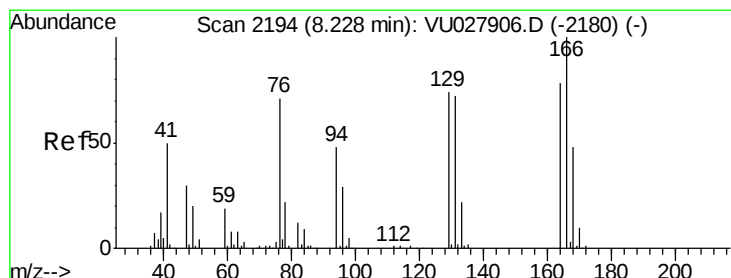
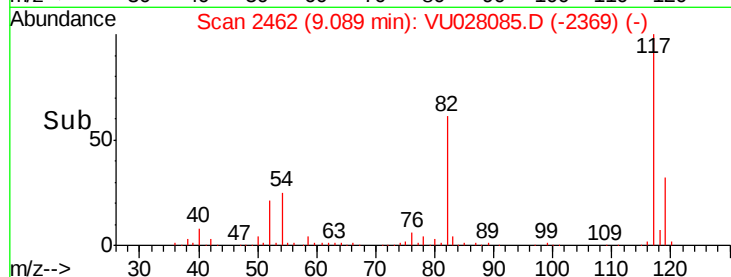
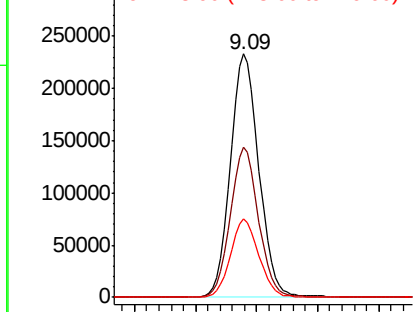
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028085.D
Acq: 13 Nov 2018 12:29

Instrument :
MSVOA_U
ClientSampleId :
SP-TANK1-N29675

Tot Ion:117 Resp: 380159
Ion Ratio Lower Upper
117 100
82 61.5 48.6 73.0
119 32.2 25.8 38.8

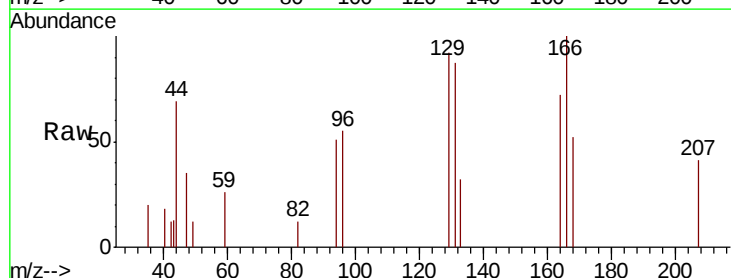


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

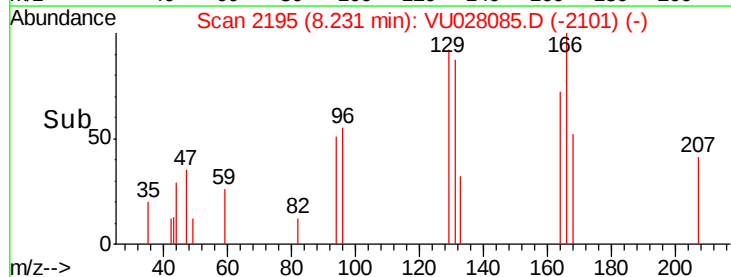
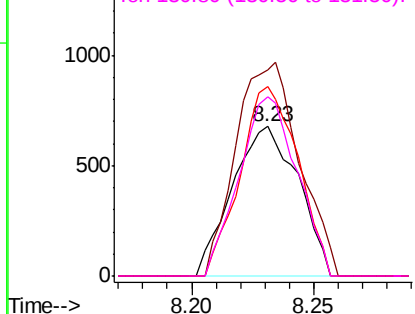


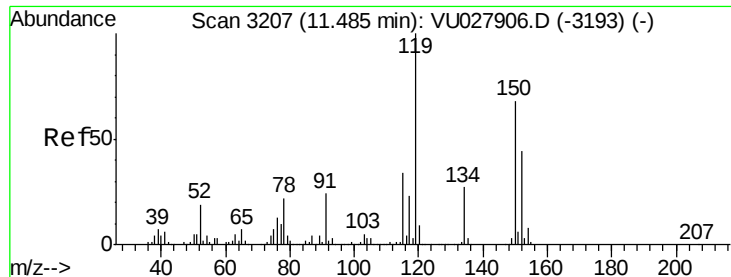
#64
Tetrachloroethene
Concen: 0.514 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028085.D
Acq: 13 Nov 2018 12:29

Tgt Ion:164 Resp: 1268
Ion Ratio Lower Upper
164 100
166 138.0 102.1 153.1
129 127.2 75.9 113.9#
131 120.4 73.0 109.6#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028085.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_U

ClientSampleId :

SP-TANK1-N29675

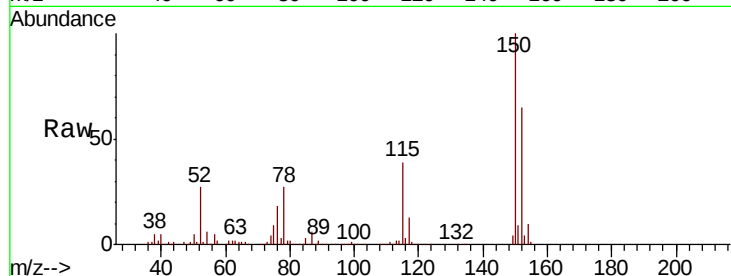
Tot Ion:152 Resp: 155783

Ion Ratio Lower Upper

152 100

115 59.3 43.0 129.0

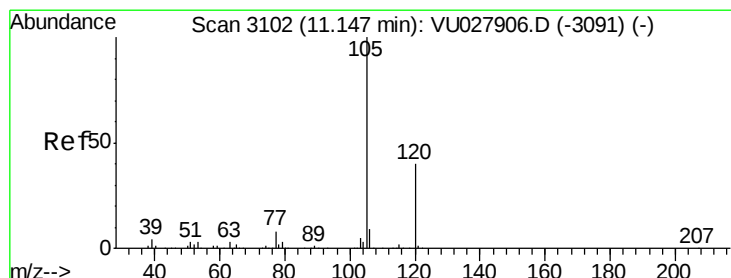
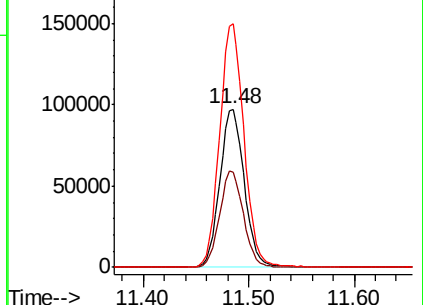
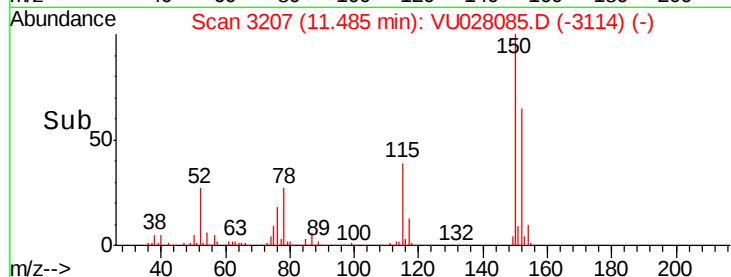
150 153.2 0.0 349.4



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: 0.770 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU028085.D

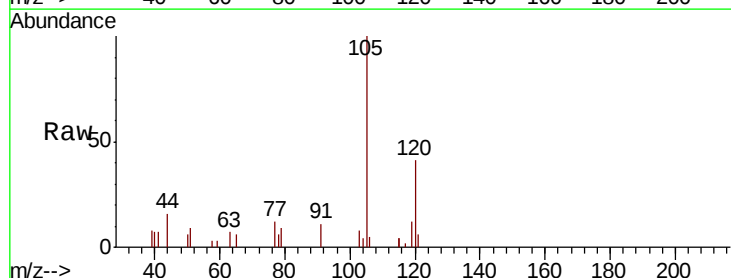
Acq: 13 Nov 2018 12:29

Tgt Ion:105 Resp: 7750

Ion Ratio Lower Upper

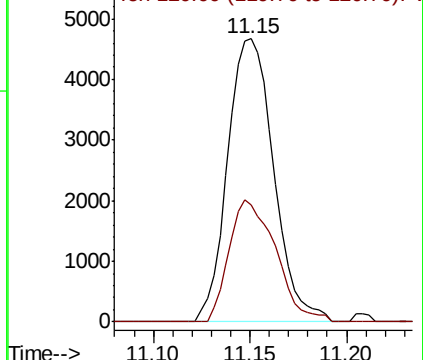
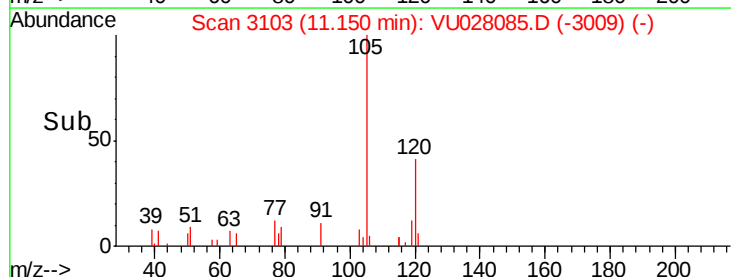
105 100

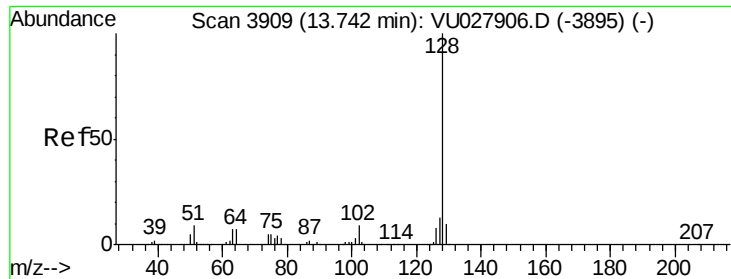
120 43.5 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

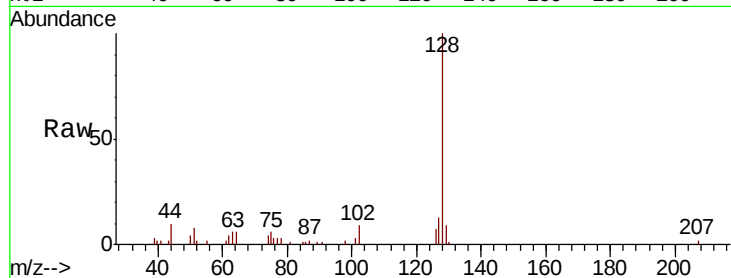




#95
Naphthalene
Concen: 1.462 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028085.D
Acq: 13 Nov 2018 12:29

Instrument :
MSVOA_U
ClientSampleId :
SP-TANK1-N29675

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	9.8	8.3	12.5



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

