

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027198.D
 Acq On : 27 Sep 2018 00:00
 Operator : MD/SY
 Sample : J5048-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-18-2-SEP18

Quant Time: Sep 27 04:06:23 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

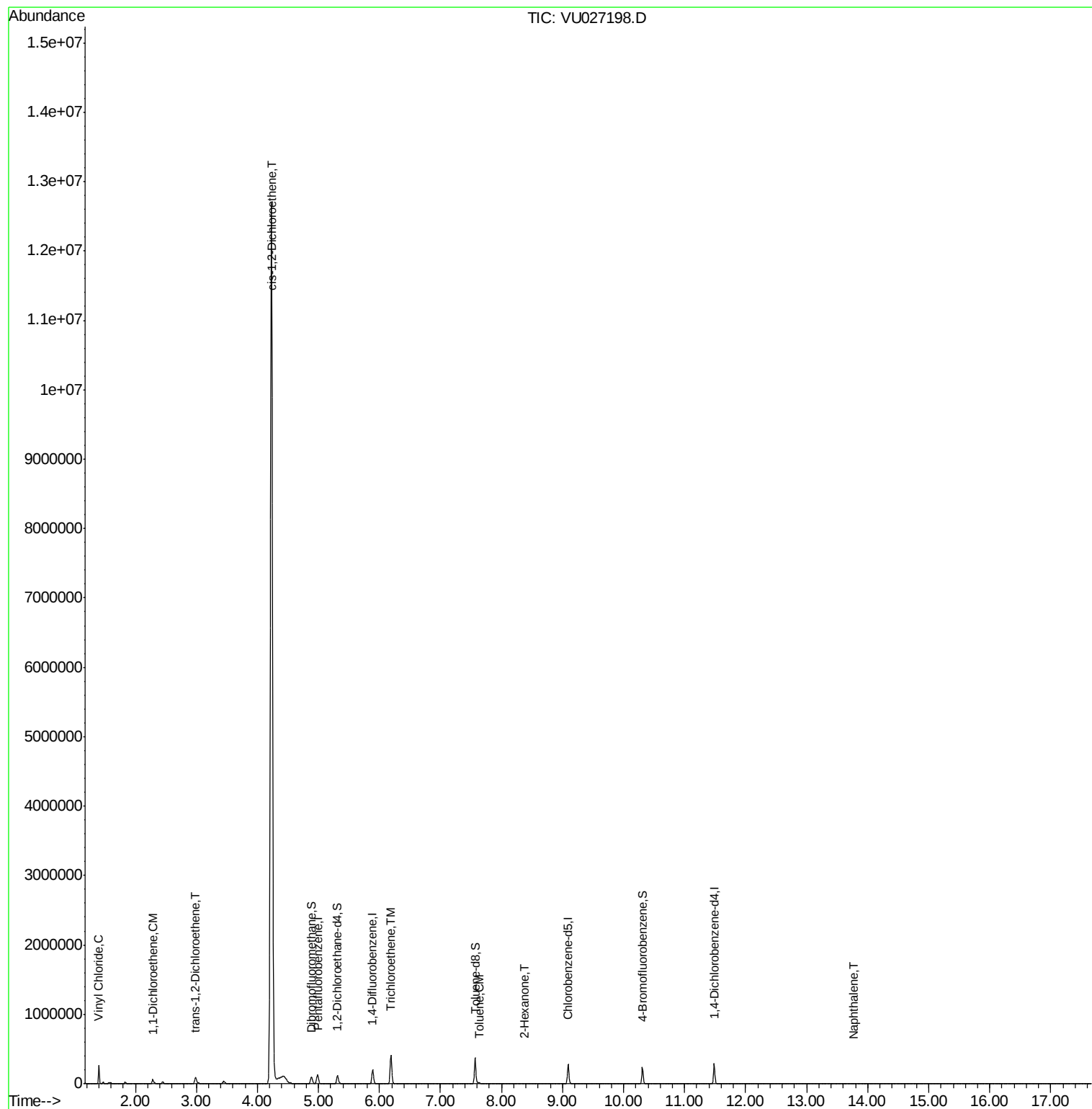
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150661	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	92453	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	4.88	113	63521	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	7.57	98	240516	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.31	95	79628	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	166831	87.975	ug/l	99
12) 1,1-Dichloroethene	2.29	96	19020	15.259	ug/l	92
21) trans-1,2-Dichloroethene	2.99	96	40122	30.148	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	6376255	4242.556	ug/l	93
44) Trichloroethene	6.19	130	135026	103.761	ug/l	95
52) Toluene	7.64	92	2762	0.788	ug/l	94
59) 2-Hexanone	8.38	43	3293	1.576	ug/l	91
95) Naphthalene	13.75	128	275	1.736	ug/l #	69

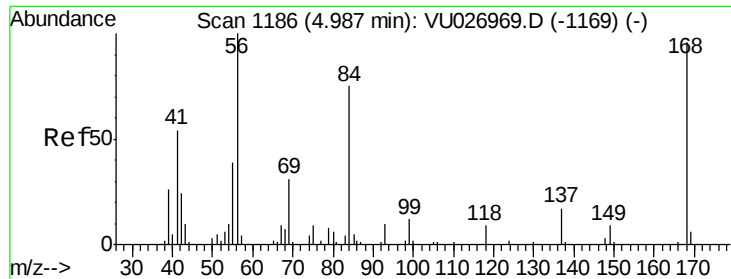
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
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Acq On : 27 Sep 2018 00:00
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CMT-18-2-SEP18

Quant Time: Sep 27 04:06:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 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: VU027198.D

Acq: 27 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

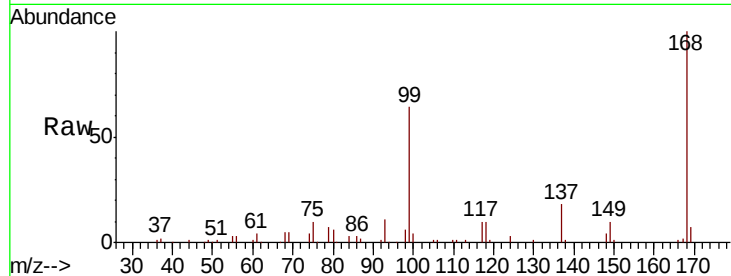
CMT-18-2-SEP18

Tot Ion:168 Resp: 90249

Ion Ratio Lower Upper

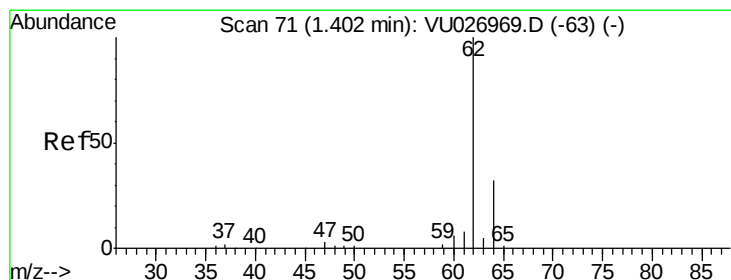
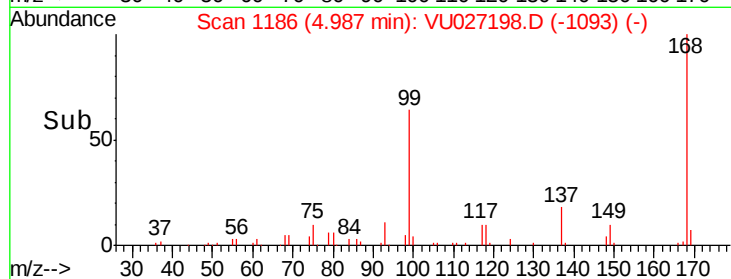
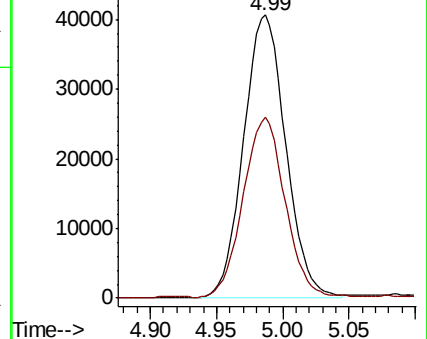
168 100

99 63.5 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) (-)



#4

Vinyl Chloride

Concen: 87.975 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027198.D

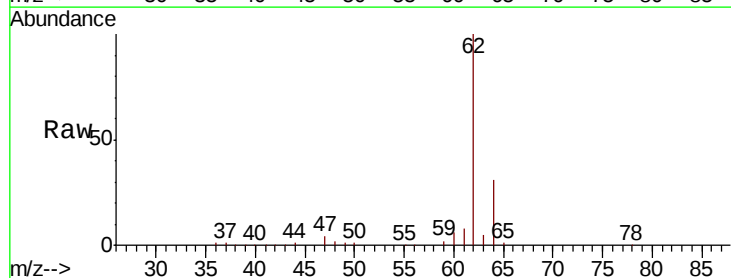
Acq: 27 Sep 2018 00:00

Tgt Ion: 62 Resp: 166831

Ion Ratio Lower Upper

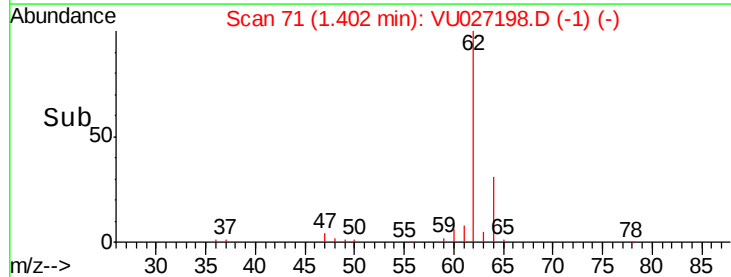
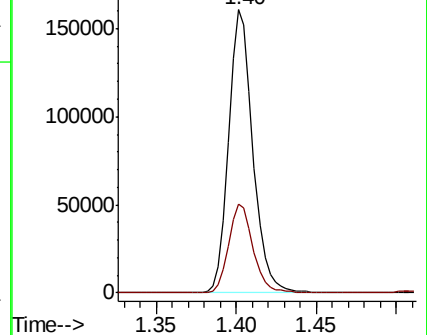
62 100

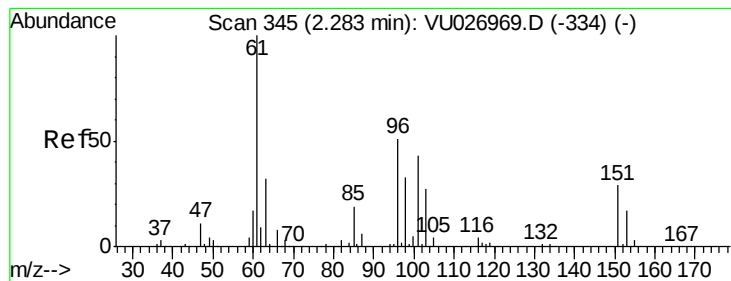
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)





#12

1,1-Dichloroethene

Concen: 15.259 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

CMT-18-2-SEP18

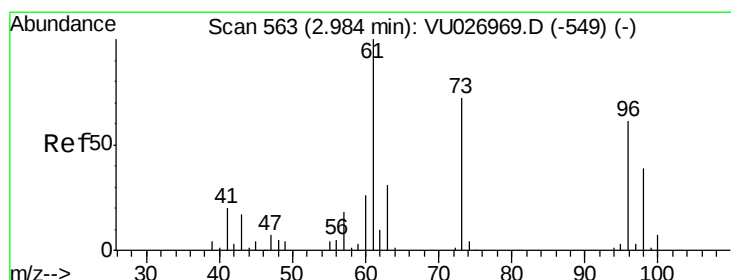
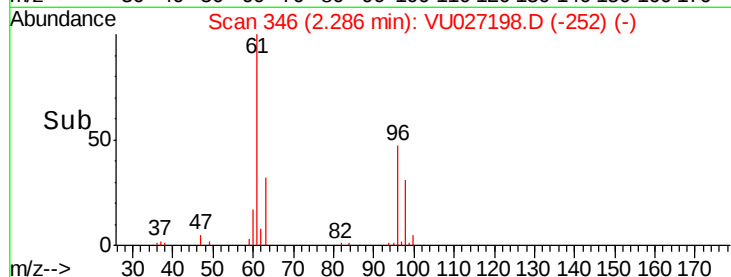
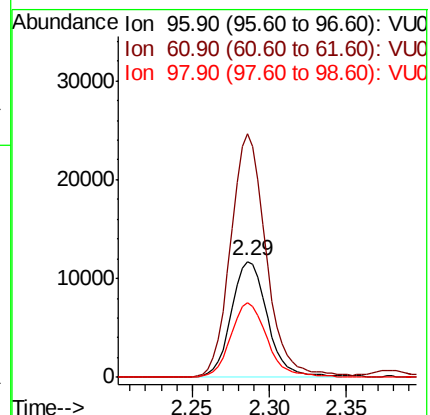
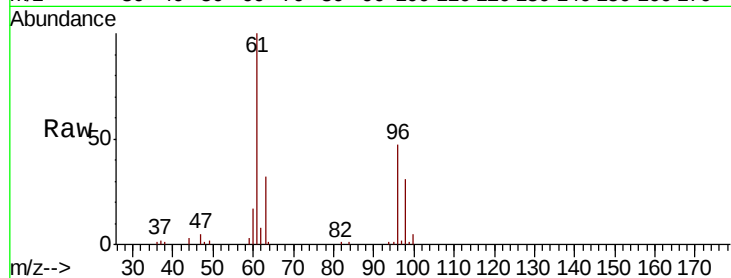
Tot Ion: 96 Resp: 19020

Ion Ratio Lower Upper

96 100

61 210.6 156.1 234.1

98 64.6 51.4 77.0



#21

trans-1,2-Dichloroethene

Concen: 30.148 ug/l

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

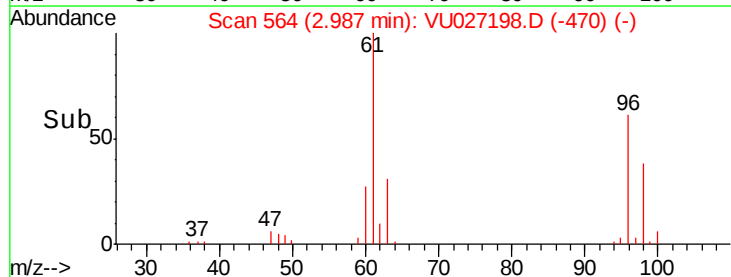
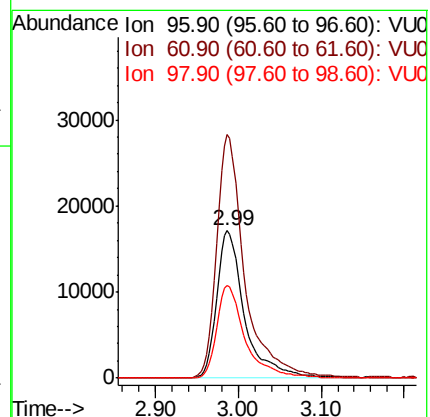
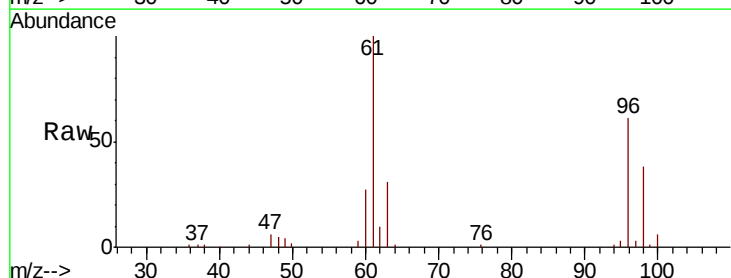
Tgt Ion: 96 Resp: 40122

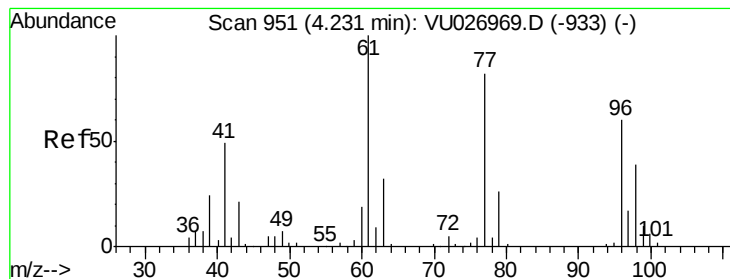
Ion Ratio Lower Upper

96 100

61 165.3 131.8 197.6

98 62.7 50.9 76.3



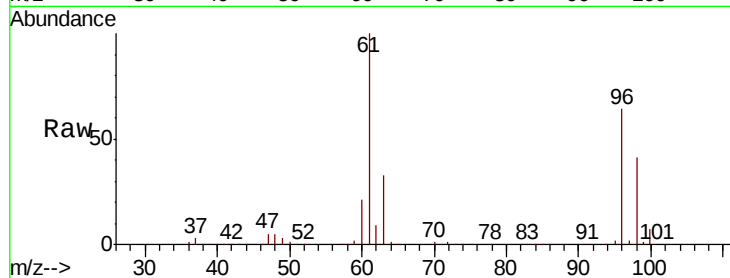


#27

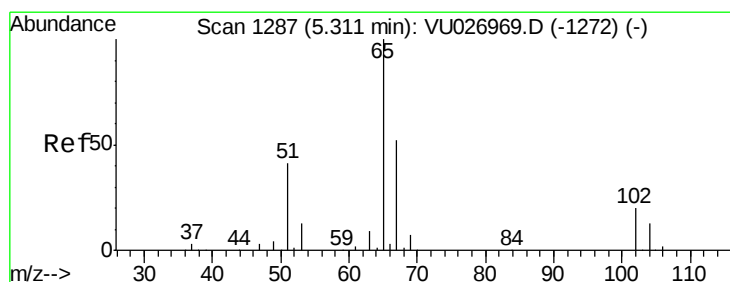
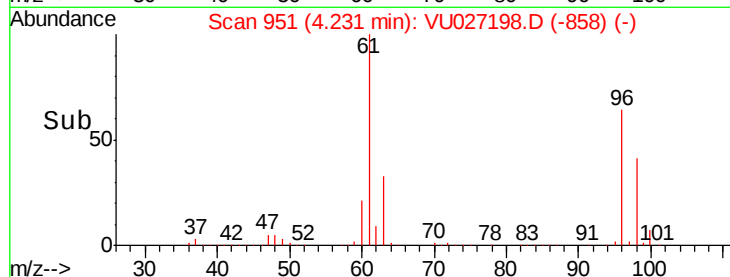
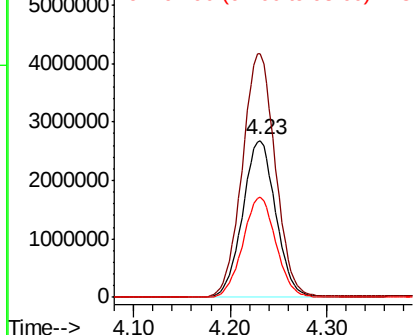
cis-1,2-Dichloroethene
 Concen: 4242.556 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027198.D
 Acq: 27 Sep 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-18-2-SEP18

Tot Ion: 96 Resp: 6376255
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 337.2
 98 63.9 0.0 127.6



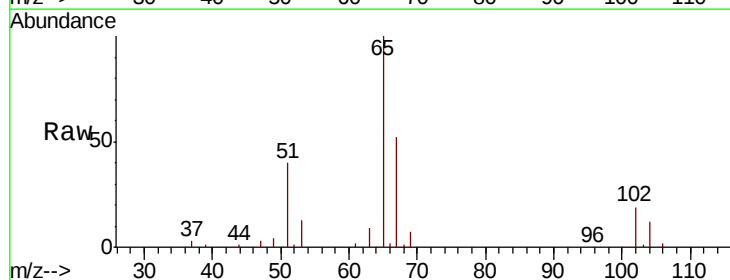
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



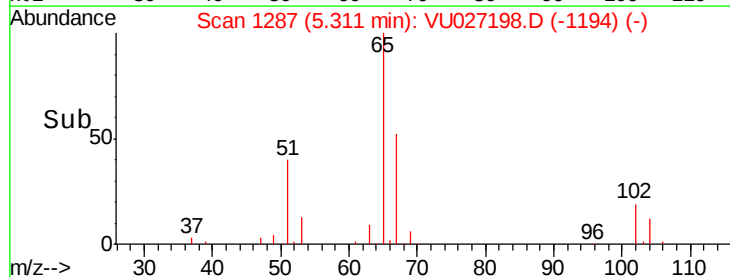
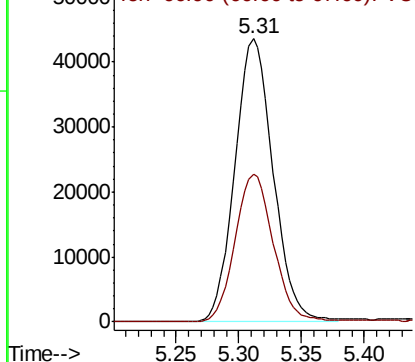
#33

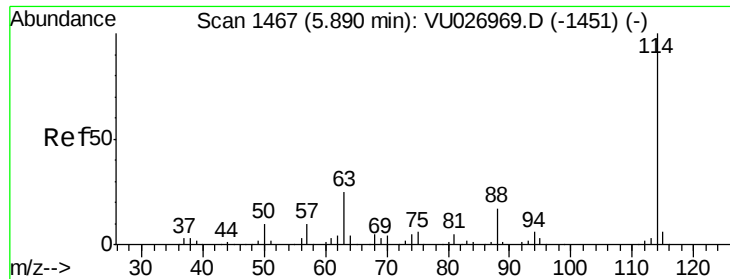
1,2-Dichloroethane-d4
 Concen: 50.899 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027198.D
 Acq: 27 Sep 2018 00:00

Tgt Ion: 65 Resp: 92453
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

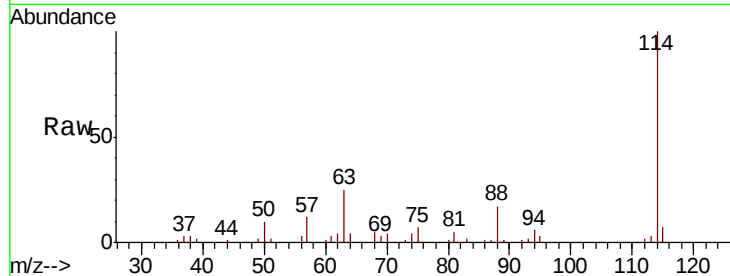




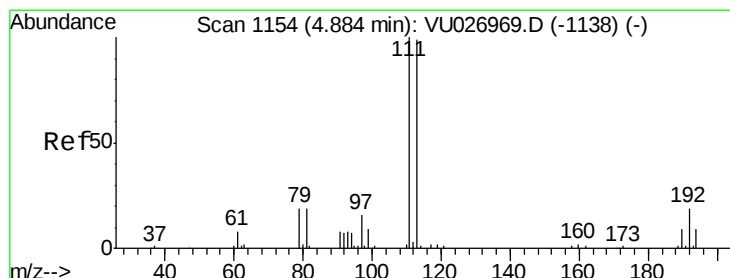
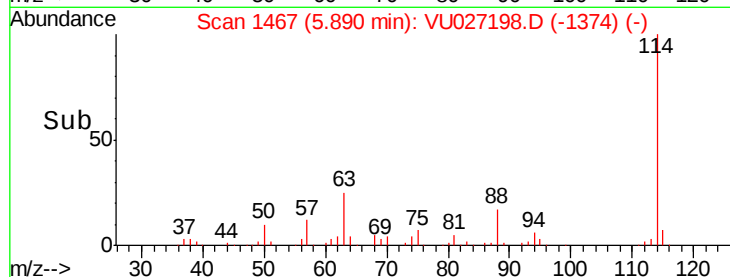
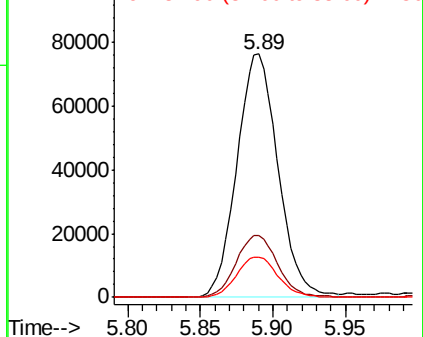
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027198.D
 Acq: 27 Sep 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-18-2-SEP18

Tot Ion:114 Resp: 150661
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 16.6 0.0 33.8

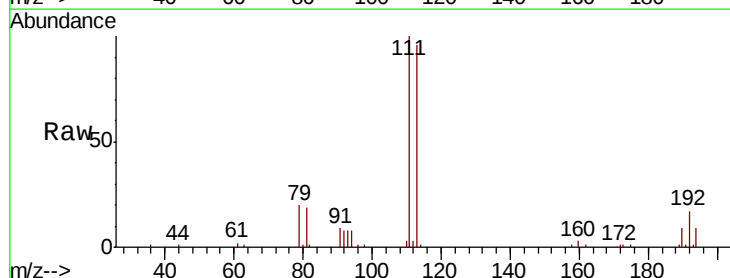


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

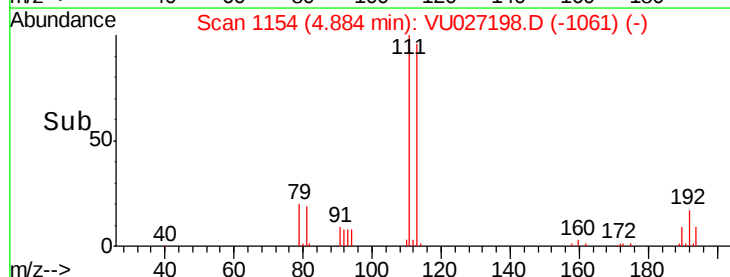
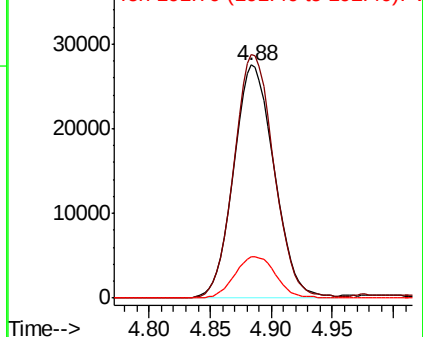


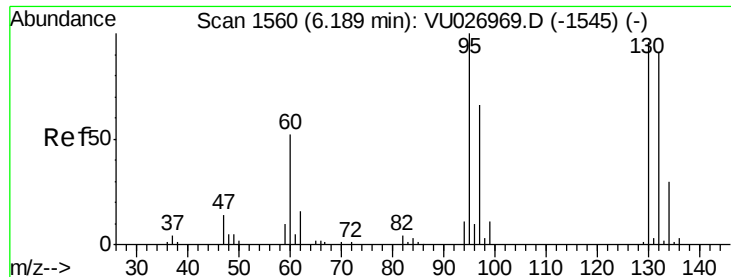
#35
 Dibromofluoromethane
 Concen: 48.640 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027198.D
 Acq: 27 Sep 2018 00:00

Tgt Ion:113 Resp: 63521
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 17.9 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





#44

Trichloroethene

Concen: 103.761 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

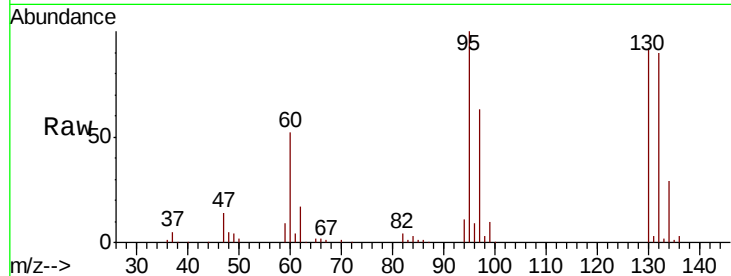
CMT-18-2-SEP18

Tot Ion:130 Resp: 135026

Ion Ratio Lower Upper

130 100

95 109.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

6.19

80000

60000

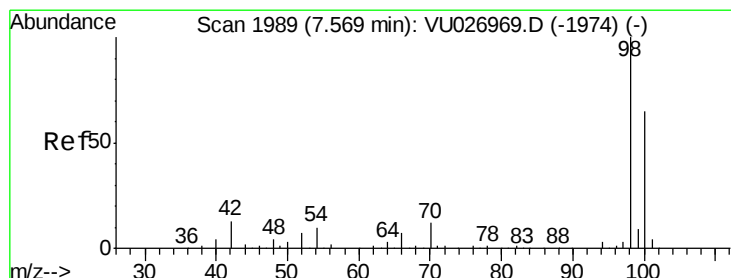
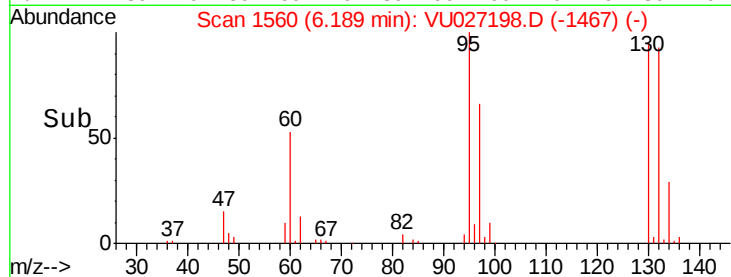
40000

20000

0

6.10 6.15 6.20 6.25

Time-->



#50

Toluene-d8

Concen: 48.326 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027198.D

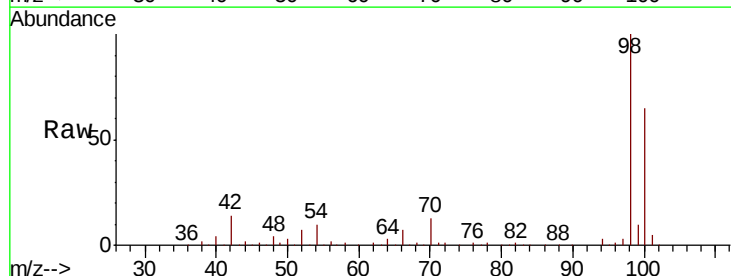
Acq: 27 Sep 2018 00:00

Tgt Ion: 98 Resp: 240516

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

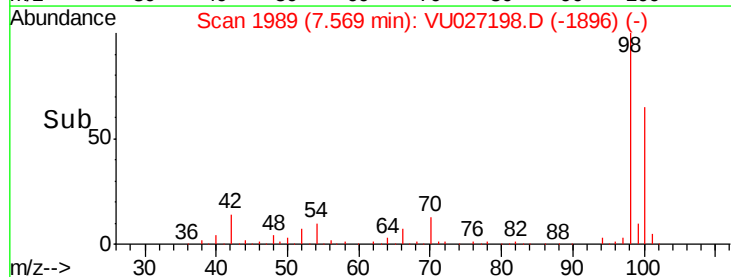
100000

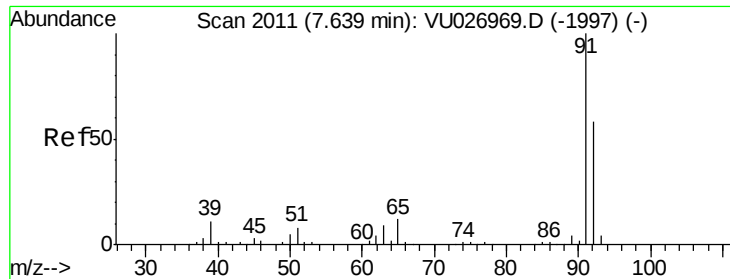
50000

0

7.50 7.60 7.70

Time-->





#52

Toluene

Concen: 0.788 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

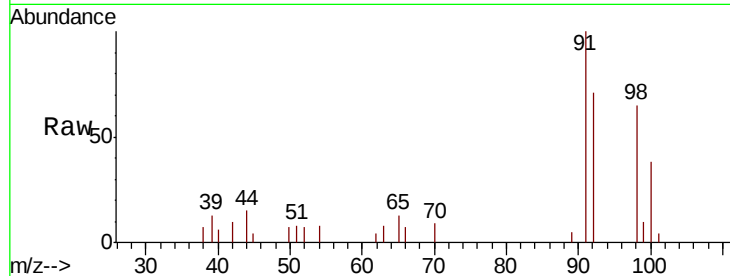
CMT-18-2-SEP18

Tot Ion: 92 Resp: 2762

Ion Ratio Lower Upper

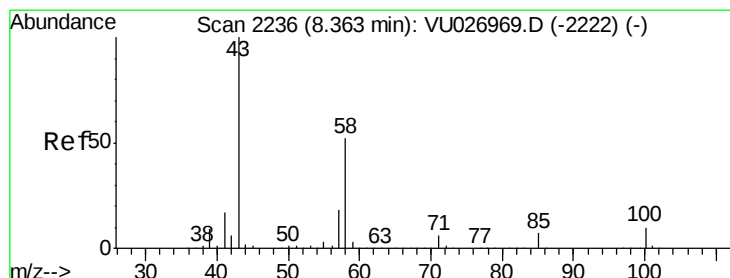
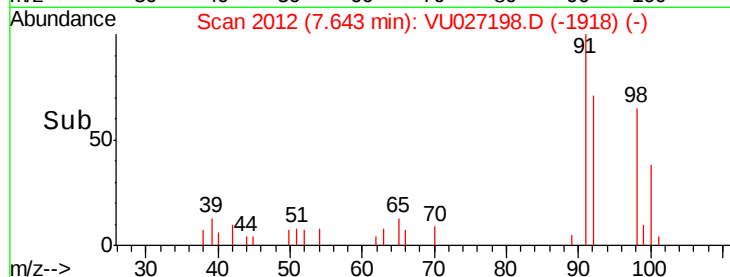
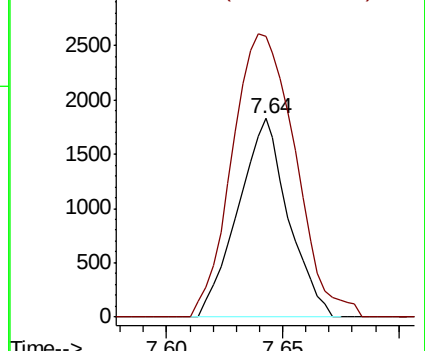
92 100

91 178.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 1.576 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VU027198.D

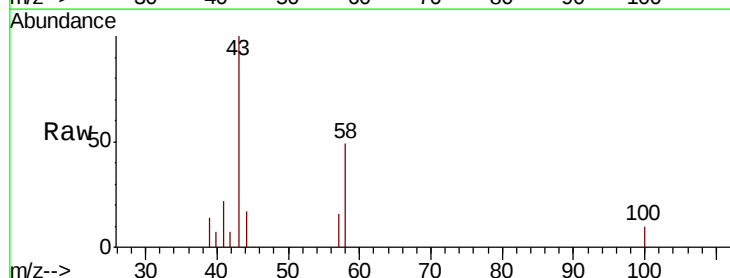
Acq: 27 Sep 2018 00:00

Tgt Ion: 43 Resp: 3293

Ion Ratio Lower Upper

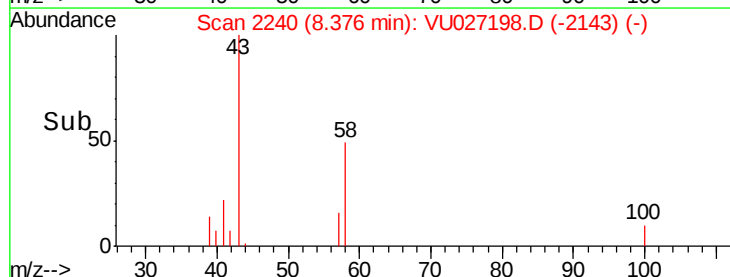
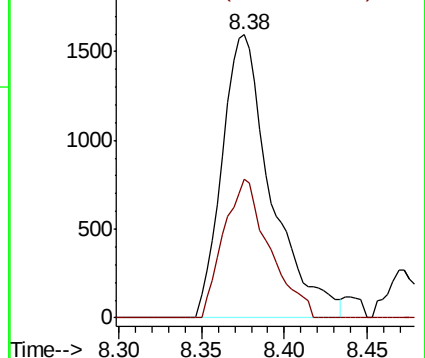
43 100

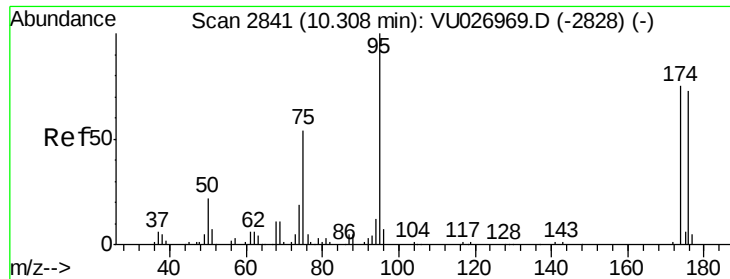
58 45.6 26.1 78.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

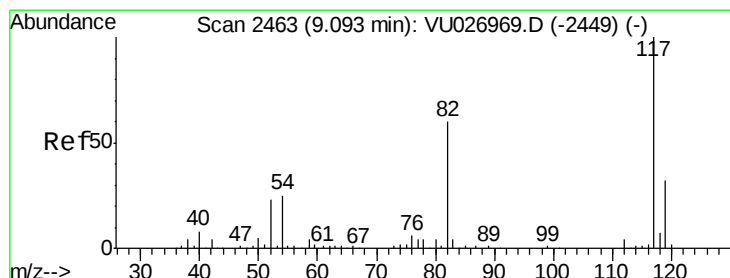
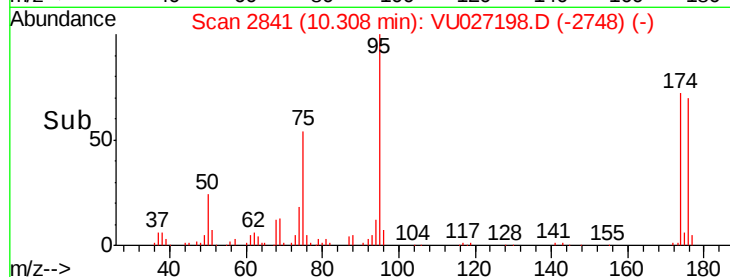
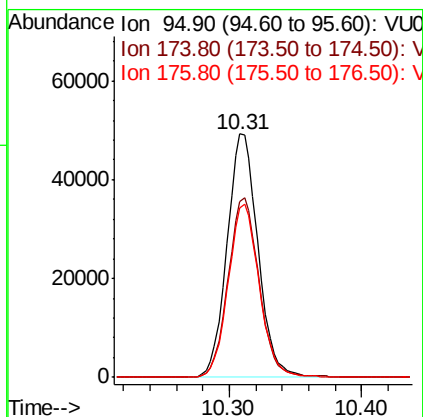
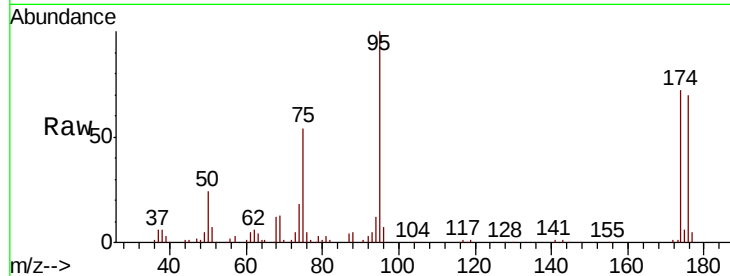




#62
4-Bromofluorobenzene
Concen: 46.627 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027198.D
Acq: 27 Sep 2018 00:00

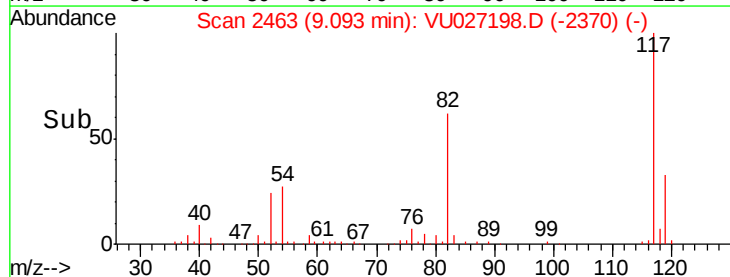
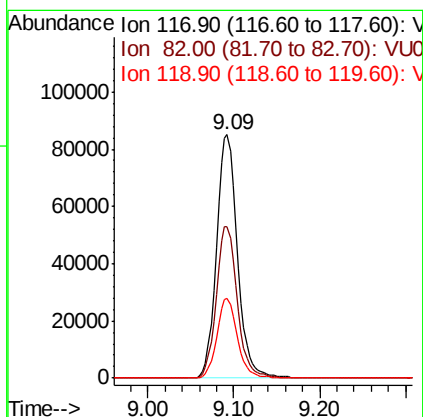
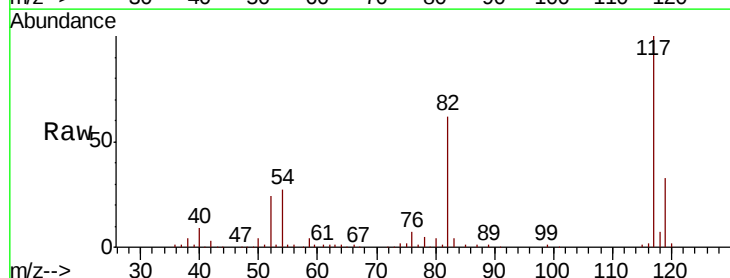
Instrument :
MSVOA_U
ClientSampleId :
CMT-18-2-SEP18

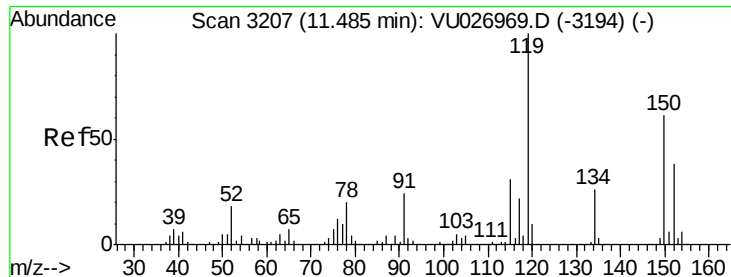
Tot Ion: 95 Resp: 79628
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.2
176 71.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027198.D
Acq: 27 Sep 2018 00:00

Tgt Ion: 117 Resp: 144332
Ion Ratio Lower Upper
117 100
82 62.4 48.0 72.0
119 32.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

CMT-18-2-SEP18

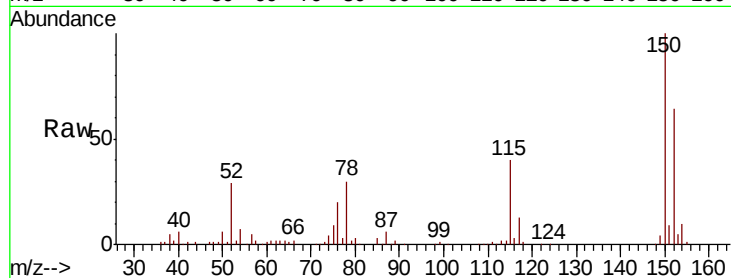
Tot Ion:152 Resp: 68930

Ion Ratio Lower Upper

152 100

115 61.0 44.9 134.5

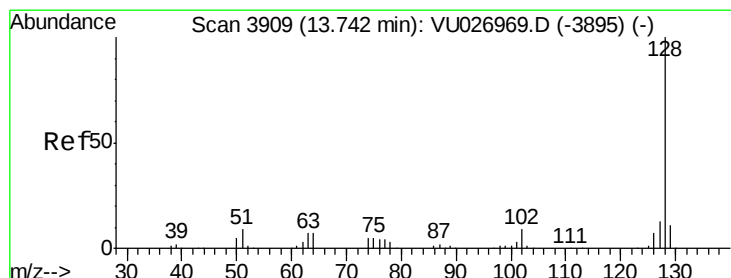
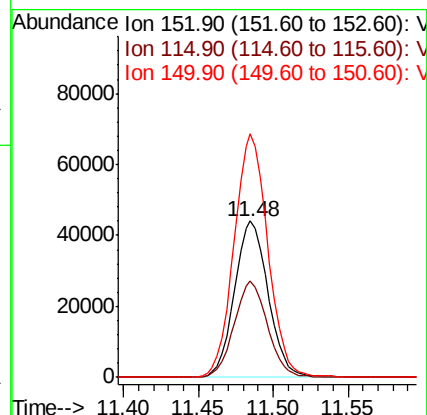
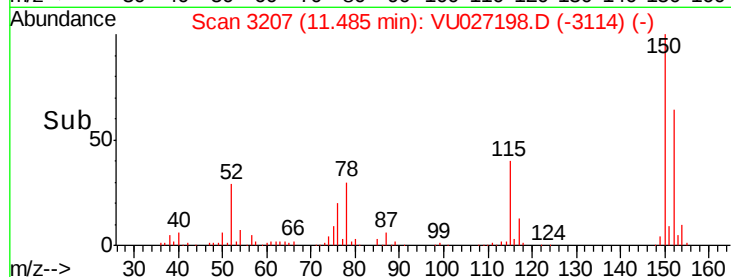
150 156.5 0.0 355.8



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



#95

Naphthalene

Concen: 1.736 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027198.D

Acq: 27 Sep 2018 00:00

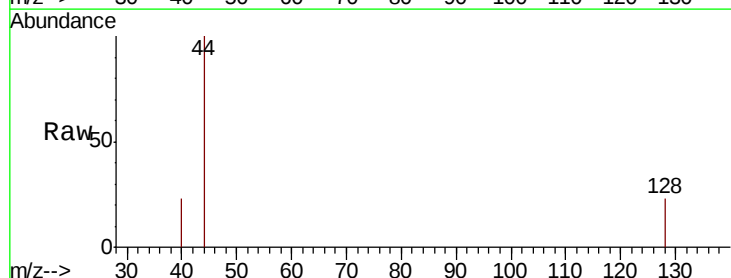
Tgt Ion:128 Resp: 275

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 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

