

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027417.D
 Acq On : 04 Oct 2018 18:50
 Operator : MD/SY
 Sample : J5232-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 05 03:17:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	123727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	211198	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	199792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110035	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	113539	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	
35) Dibromofluoromethane	4.89	113	81663	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
50) Toluene-d8	7.57	98	320428	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
62) 4-Bromofluorobenzene	10.31	95	115893	57.57	ug/l	0.00
Spiked Amount			Recovery	=	115.14%	

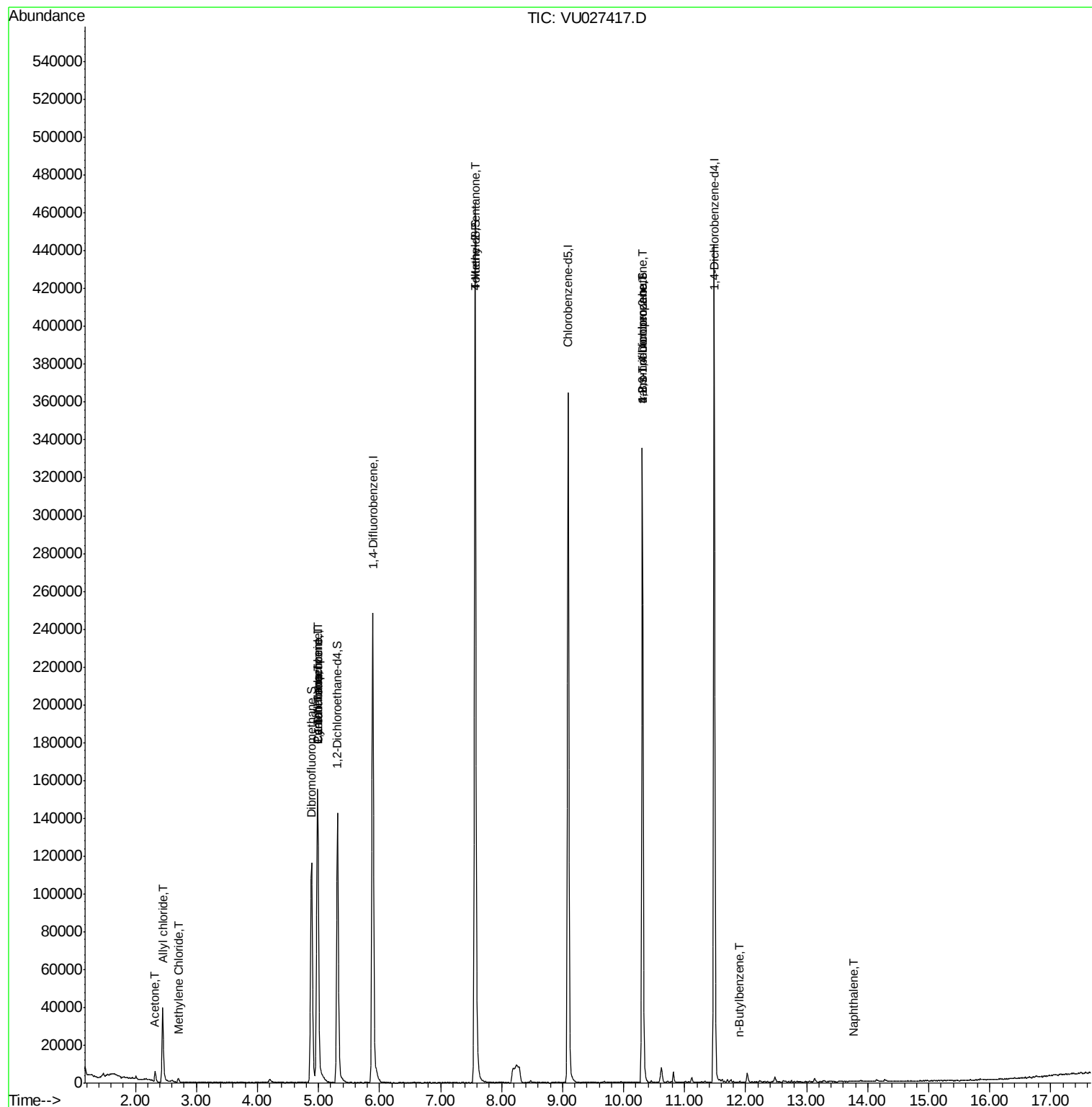
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.45	41	3869	1.247	ug/l #	70
16) Acetone	2.32	43	5683	4.656	ug/l	94
20) Methylene Chloride	2.70	84	849	0.499	ug/l #	89
31) Cyclohexane	4.98	56	2866	0.630	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10307	4.495	ug/l #	50
38) Carbon Tetrachloride	4.99	117	11929	5.759	ug/l #	17
51) 4-Methyl-2-Pentanone	7.56	43	1516	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	59474	20.851	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	59474	54.569	ug/l #	100
89) n-Butylbenzene	11.90	91	392	2.002	ug/l #	49
95) Naphthalene	13.76	128	91	1.671	ug/l #	69

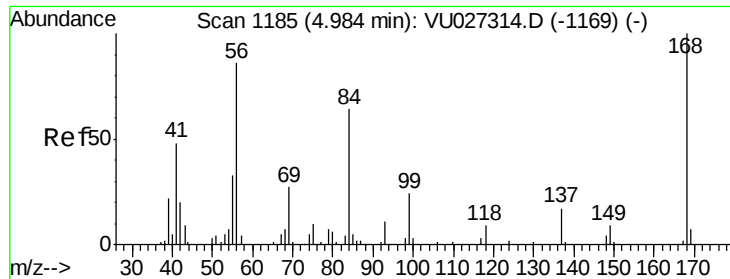
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027417.D
Acq On : 04 Oct 2018 18:50
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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Oct 05 03:17:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 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: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

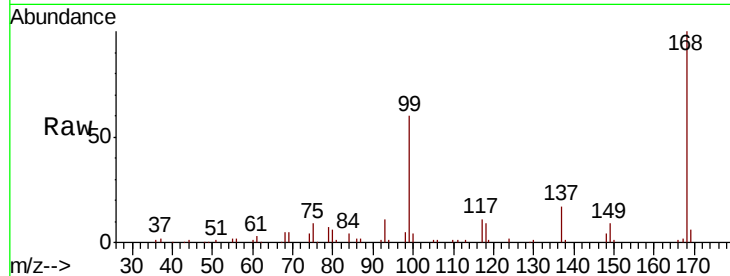
TRIP-BLANK

Tgt Ion:168 Resp: 123727

Ion Ratio Lower Upper

168 100

99 60.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

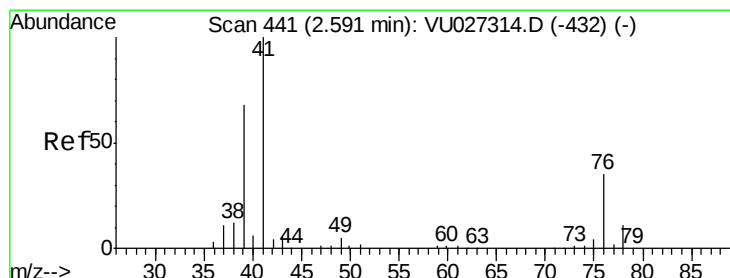
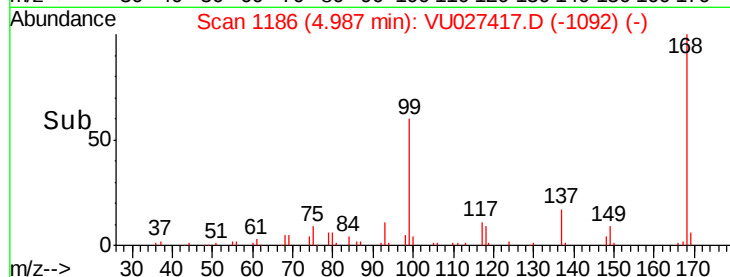
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#14

Allyl chloride

Concen: 1.247 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

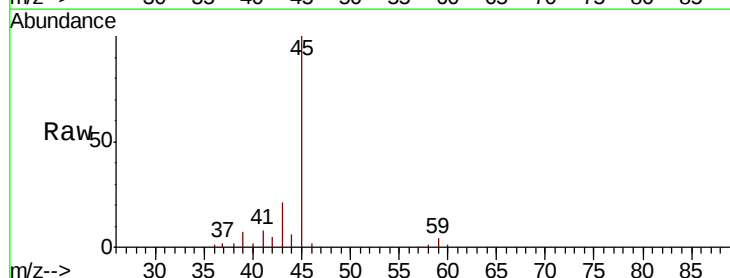
Tgt Ion: 41 Resp: 3869

Ion Ratio Lower Upper

41 100

39 77.8 51.8 77.8#

76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU027314.D (-432) (-)

Ion 39.00 (38.70 to 39.70): VU027314.D (-432) (-)

Ion 75.90 (75.60 to 76.60): VU027314.D (-432) (-)

2.45

2500

2000

1500

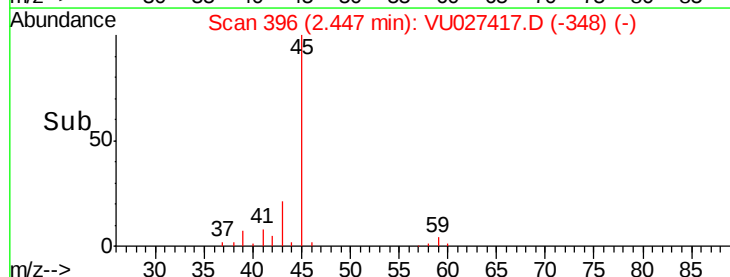
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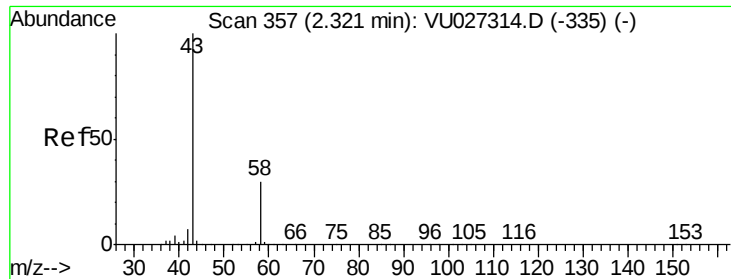
500

0

2.40 2.45 2.50

Time-->





#16

Acetone

Concen: 4.656 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

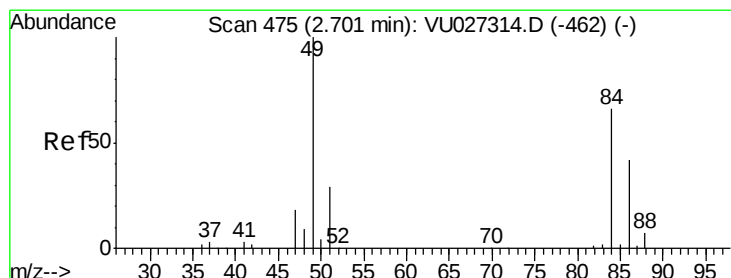
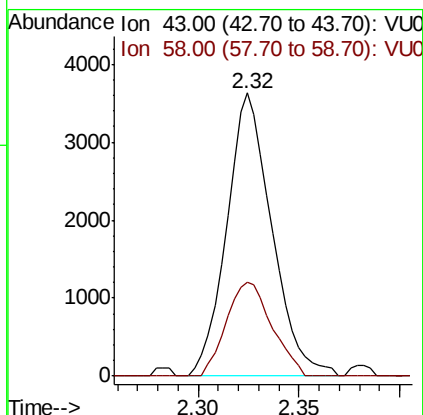
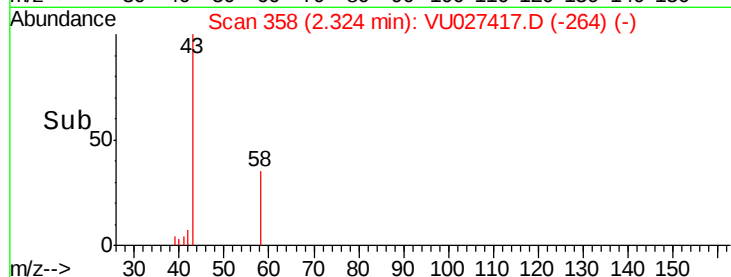
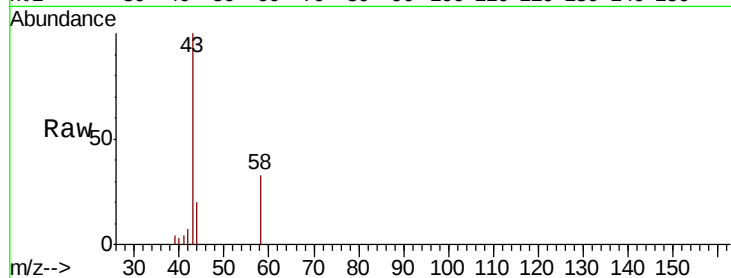
TRIP-BLANK

Tgt Ion: 43 Resp: 5683

Ion Ratio Lower Upper

43 100

58 33.4 24.2 36.4



#20

Methylene Chloride

Concen: 0.499 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Tgt Ion: 84 Resp: 849

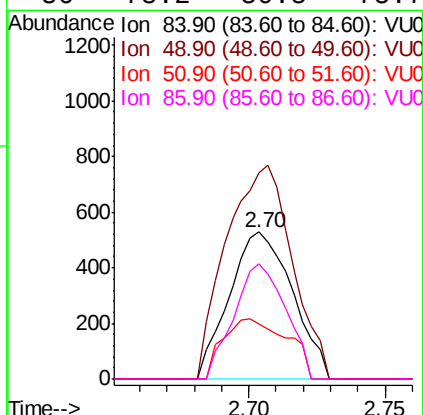
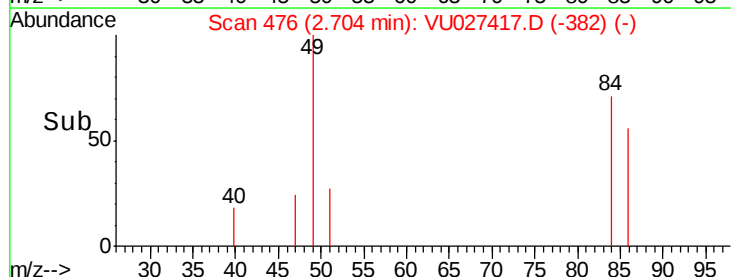
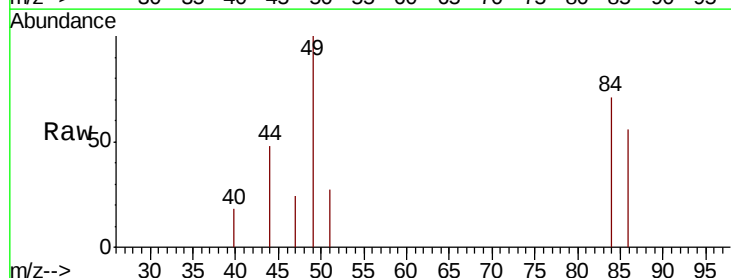
Ion Ratio Lower Upper

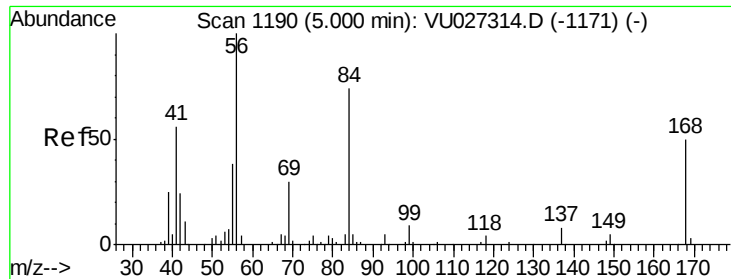
84 100

49 140.0 120.5 180.7

51 37.7 35.1 52.7

86 78.2 50.5 75.7#

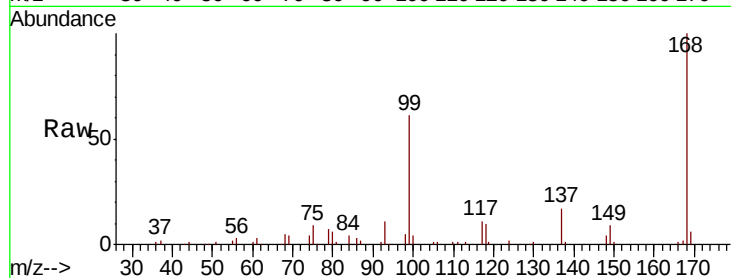




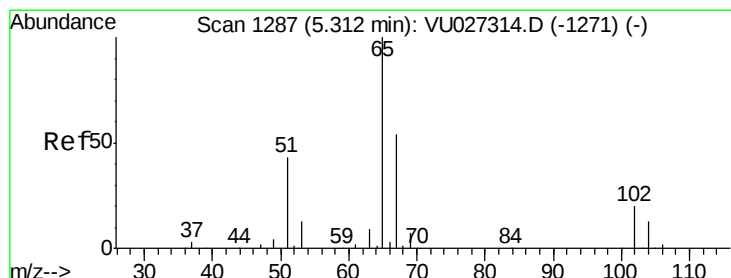
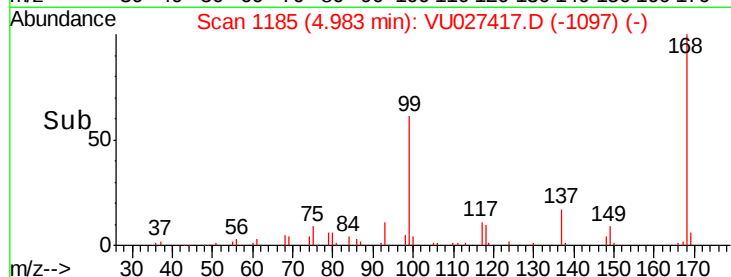
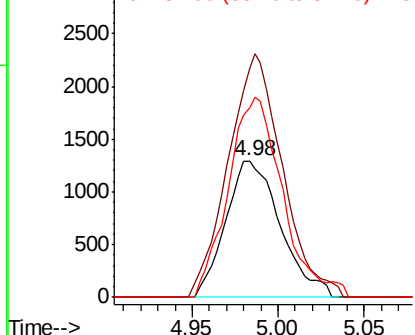
#31
Cyclohexane
Concen: 0.630 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027417.D
Acq: 04 Oct 2018 18:50

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion: 56 Resp: 2866
Ion Ratio Lower Upper
56 100
69 167.8 24.1 36.1#
84 138.6 59.1 88.7#

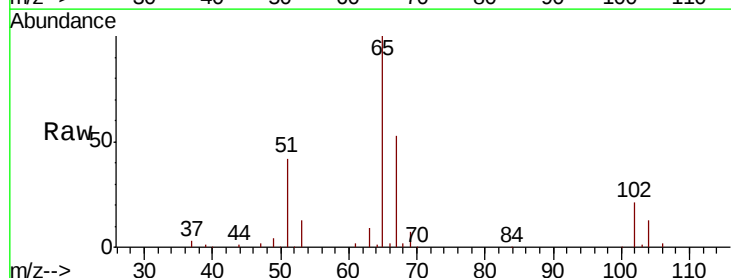


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

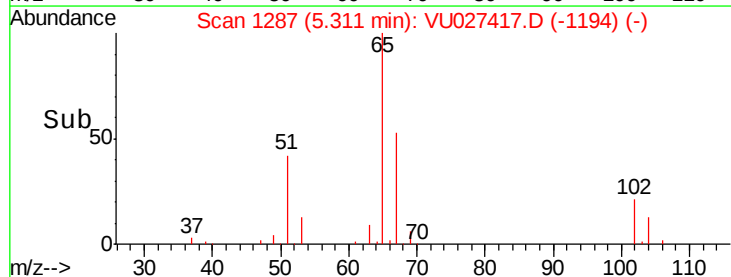
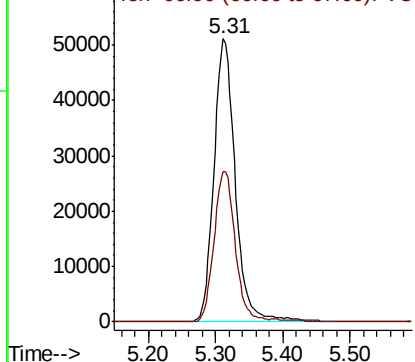


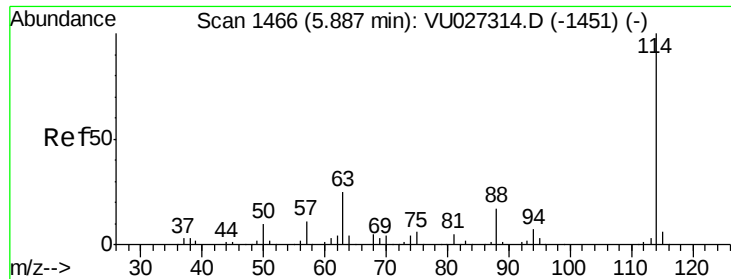
#33
1,2-Dichloroethane-d4
Concen: 54.955 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027417.D
Acq: 04 Oct 2018 18:50

Tgt Ion: 65 Resp: 113539
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.8



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

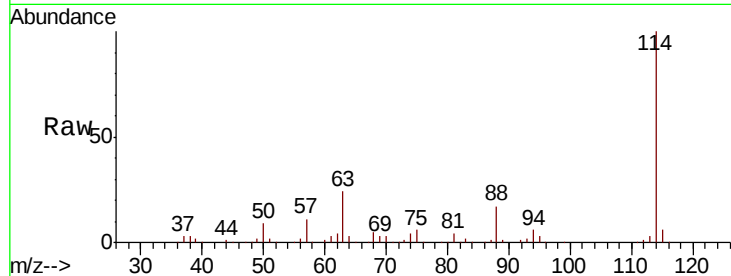




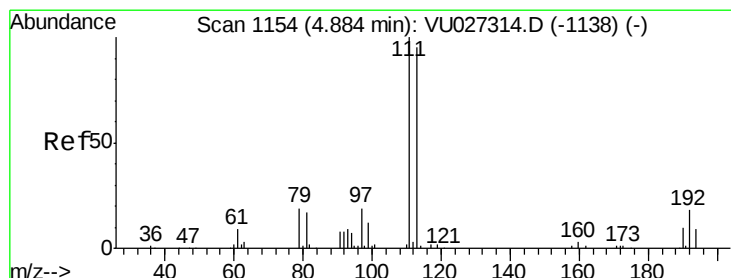
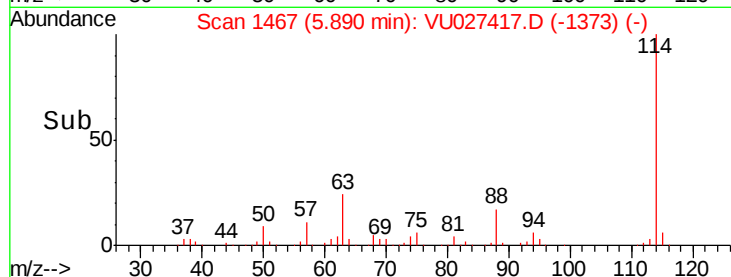
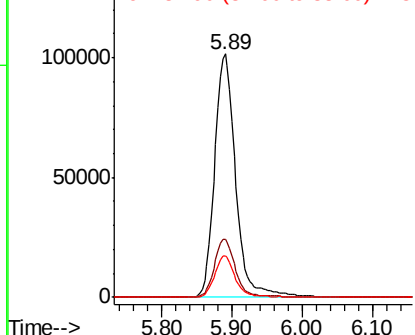
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:114 Resp: 211198
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.2
 88 17.2 0.0 33.8

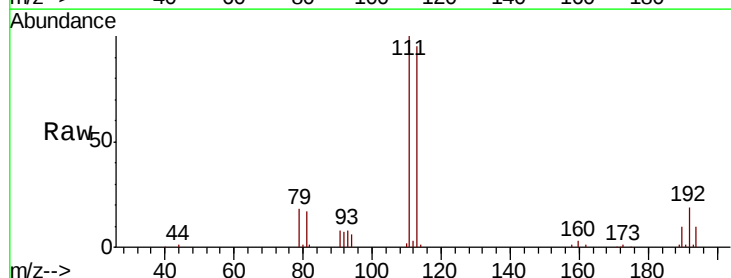


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

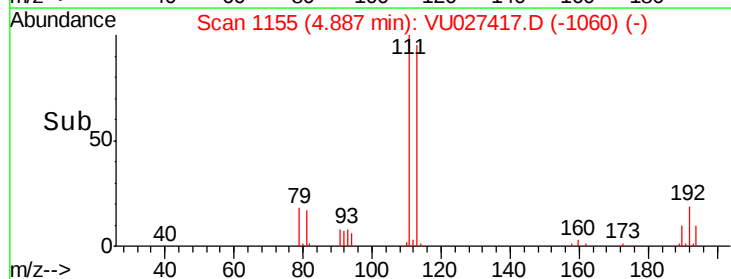
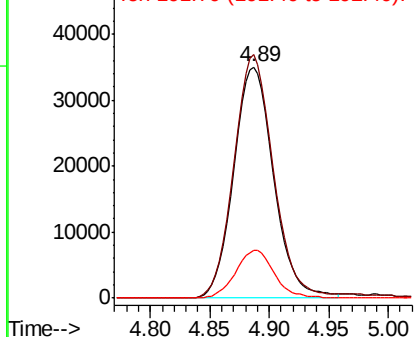


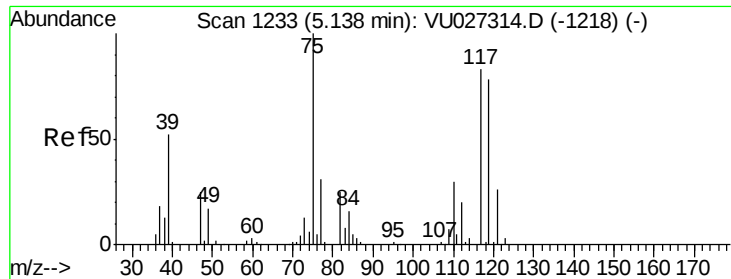
#35
 Dibromofluoromethane
 Concen: 56.420 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Tgt Ion:113 Resp: 81663
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.1 124.7
 192 19.8 15.4 23.0



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

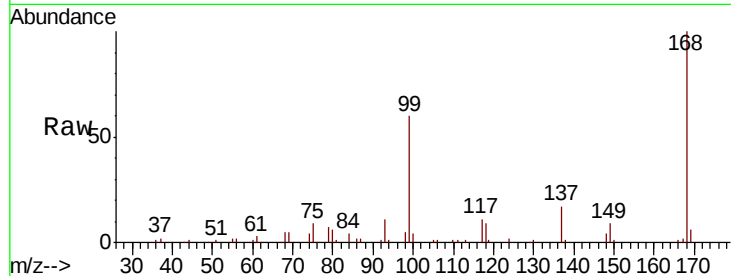




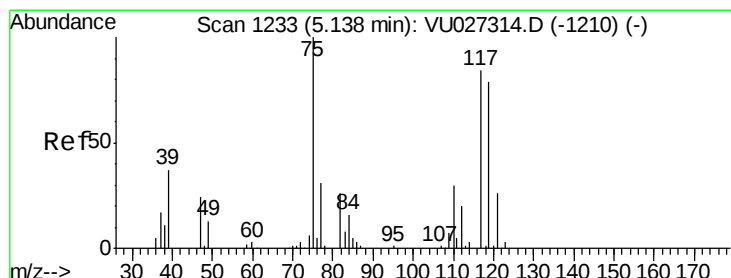
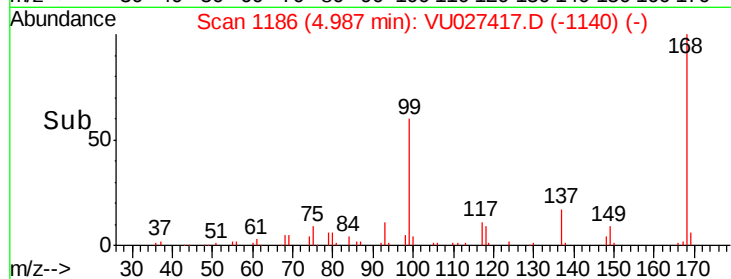
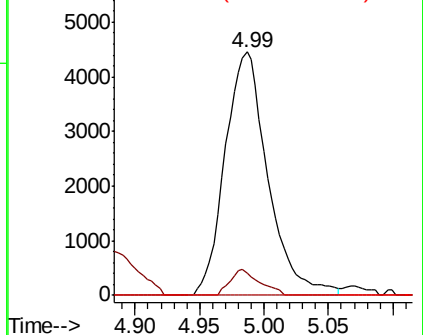
#36
 1,1-Dichloropropene
 Concen: 4.495 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	15.5	46.5#
77	0.0	25.4	38.0#

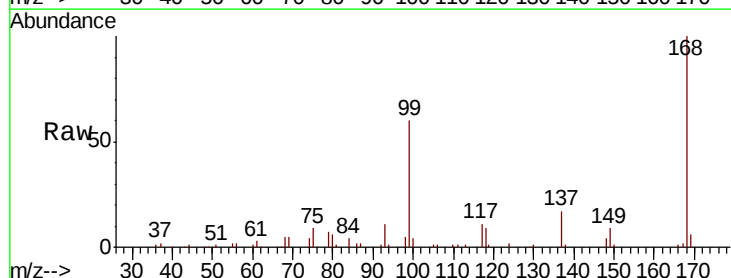


Abundance Ion 74.90 (74.60 to 75.60): VU027417.D (-1140) (-)
 Ion 109.90 (109.60 to 110.60): VU027417.D (-1140) (-)
 Ion 76.90 (76.60 to 77.60): VU027417.D (-1140) (-)

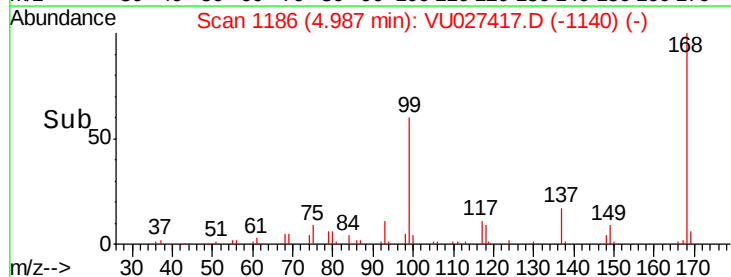
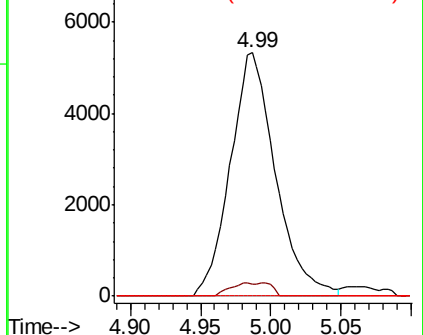


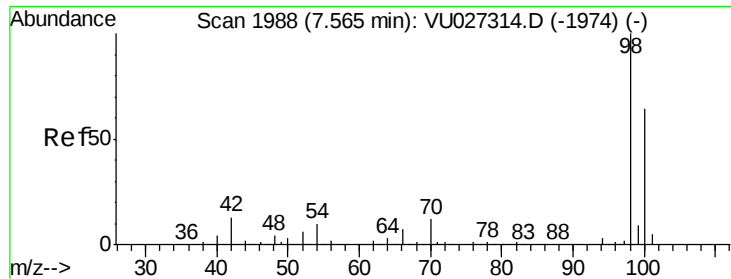
#38
 Carbon Tetrachloride
 Concen: 5.759 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027417.D (-1140) (-)
 Ion 118.80 (118.50 to 119.50): VU027417.D (-1140) (-)
 Ion 120.80 (120.50 to 121.50): VU027417.D (-1140) (-)





#50

Toluene-d8

Concen: 59.150 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

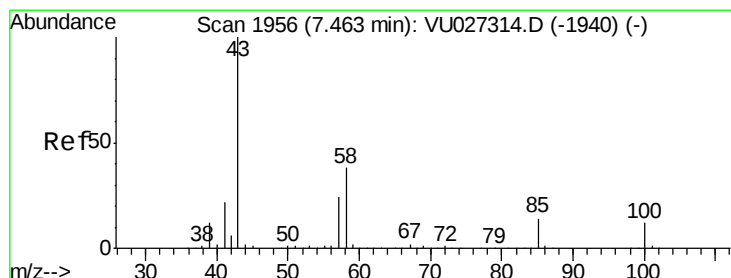
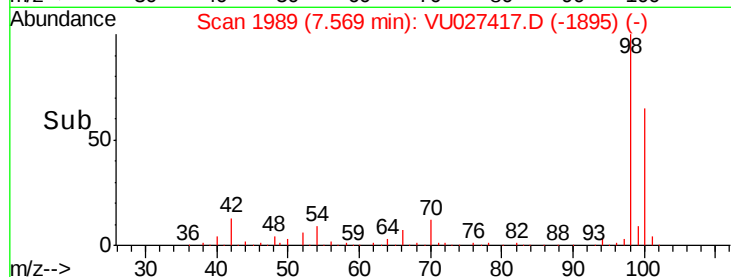
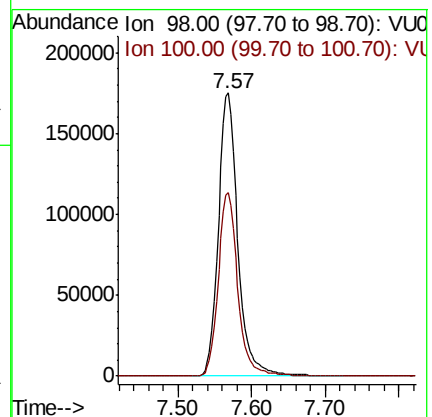
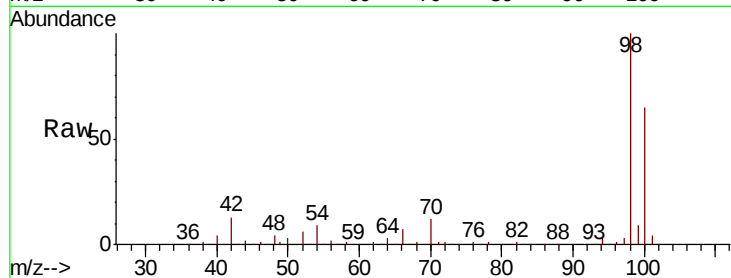
TRIP-BLANK

Tgt Ion: 98 Resp: 320428

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 0.507 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU027417.D

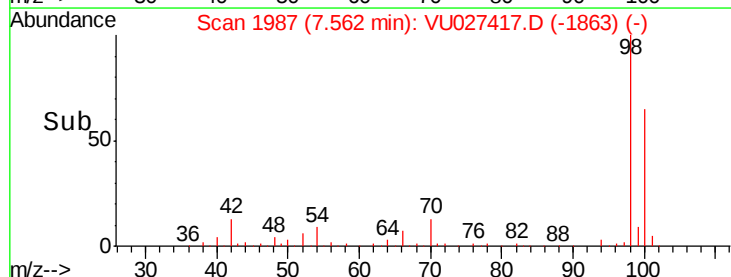
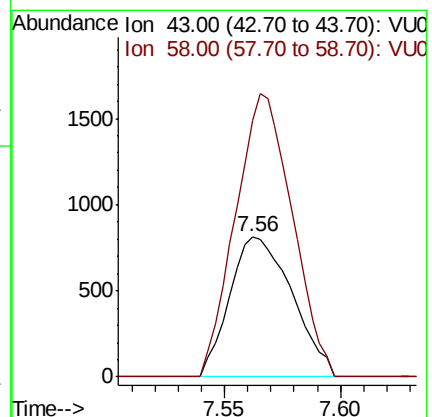
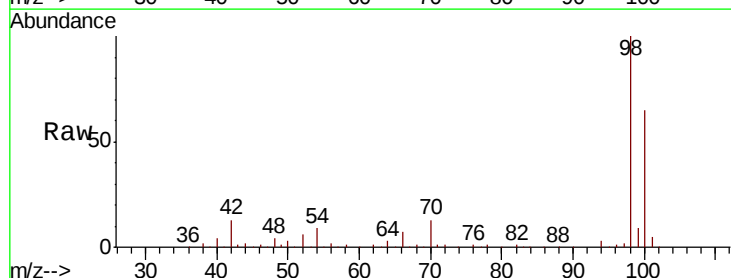
Acq: 04 Oct 2018 18:50

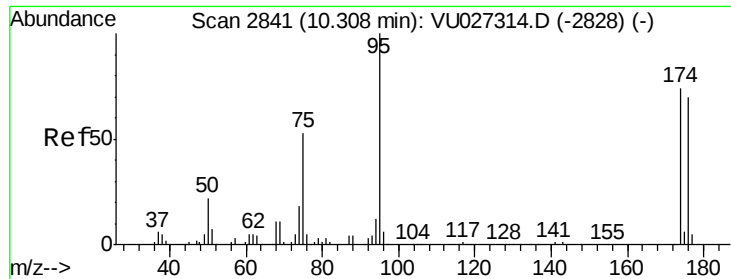
Tgt Ion: 43 Resp: 1516

Ion Ratio Lower Upper

43 100

58 184.5 29.8 44.8#

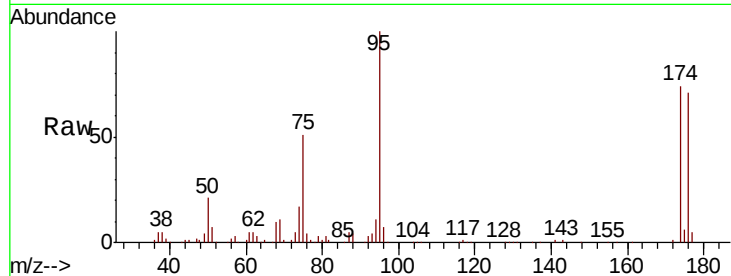




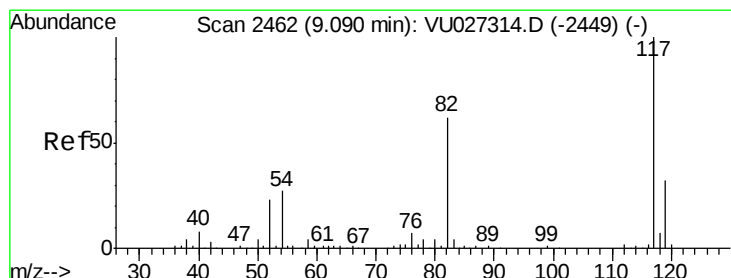
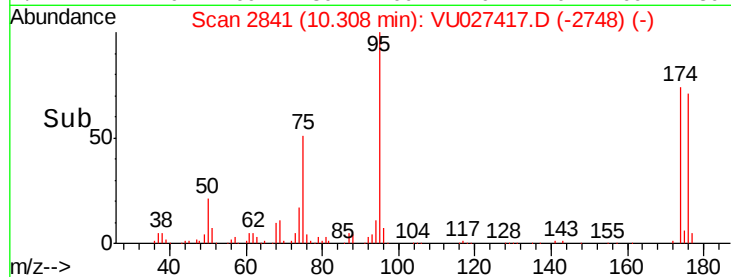
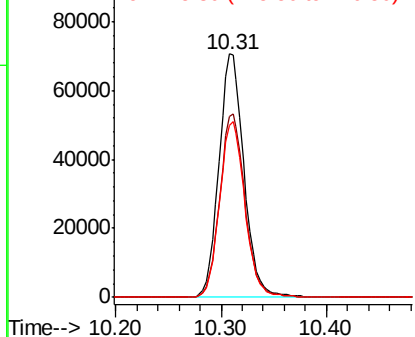
#62
 4-Bromofluorobenzene
 Concen: 57.566 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 95 Resp: 115893
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 147.8
 176 73.2 0.0 140.8

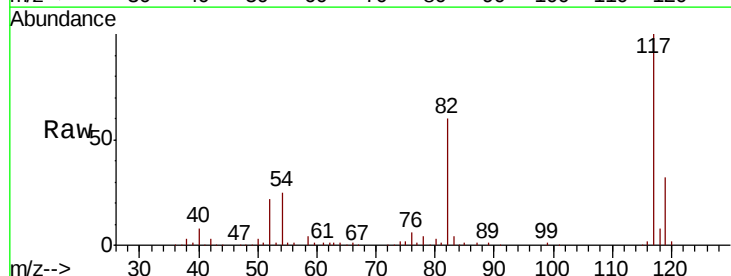


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

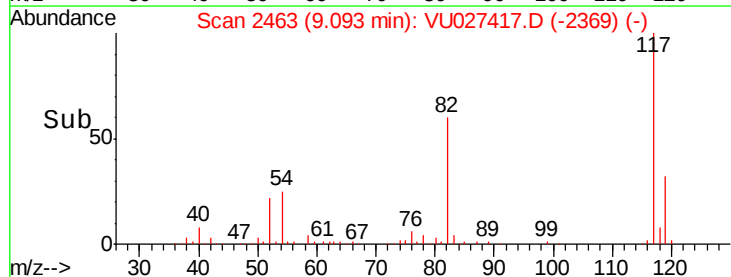
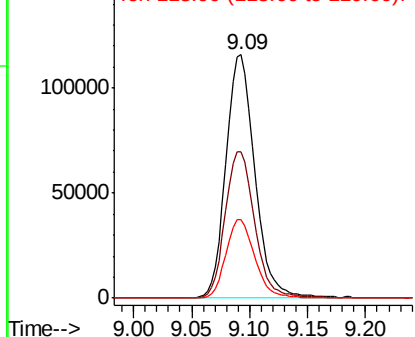


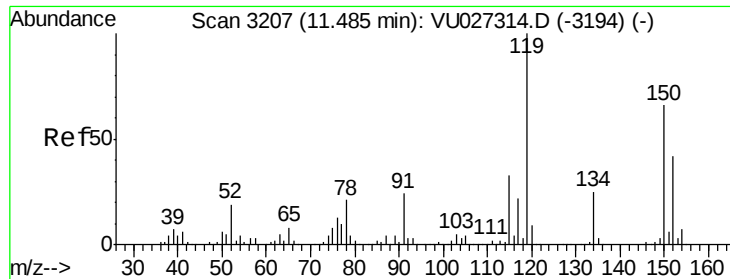
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027417.D
 Acq: 04 Oct 2018 18:50

Tgt Ion: 117 Resp: 199792
 Ion Ratio Lower Upper
 117 100
 82 60.3 49.2 73.8
 119 32.4 25.7 38.5



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

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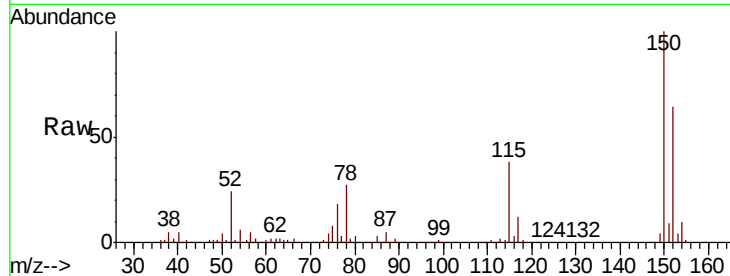
Tgt Ion: 152 Resp: 110035

Ion Ratio Lower Upper

152 100

115 59.6 43.4 130.2

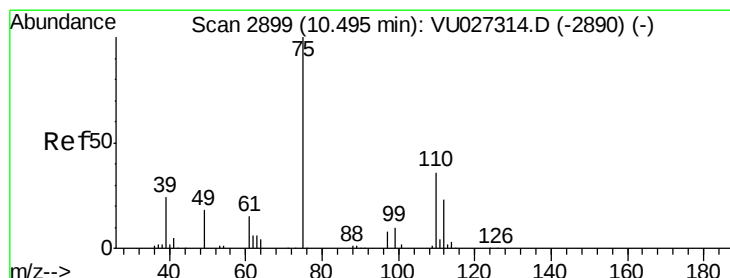
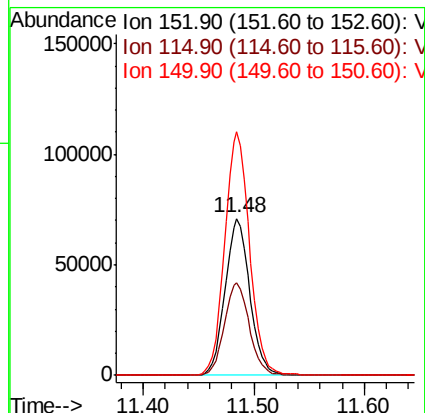
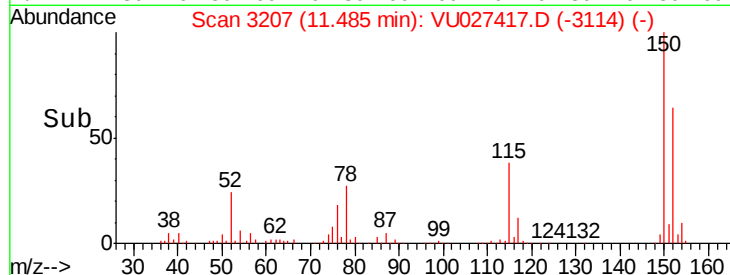
150 156.1 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 20.851 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027417.D

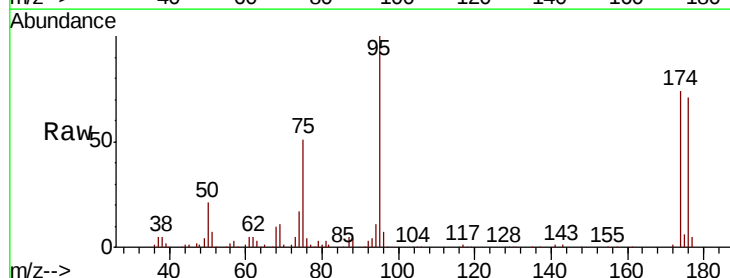
Acq: 04 Oct 2018 18:50

Tgt Ion: 75 Resp: 59474

Ion Ratio Lower Upper

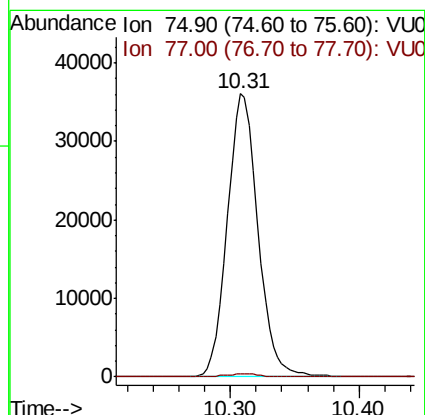
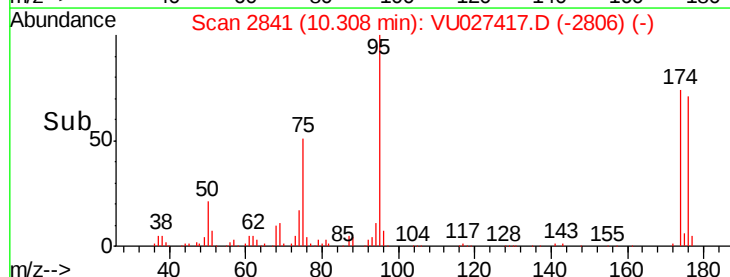
75 100

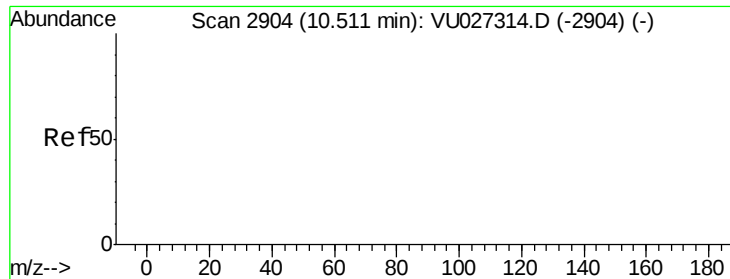
77 1.2 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.569 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

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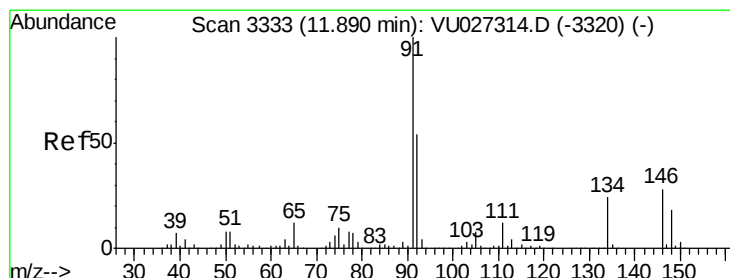
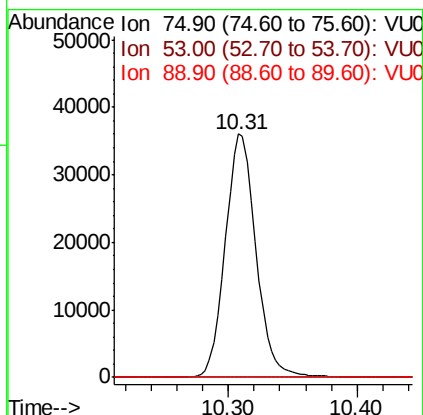
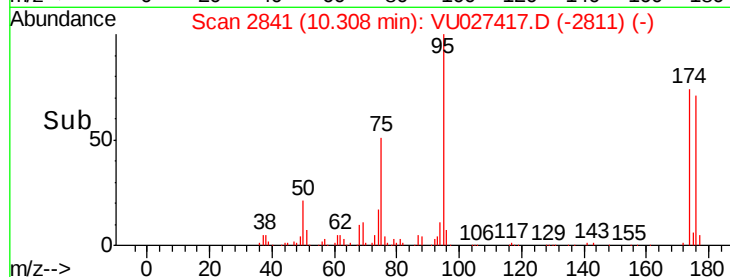
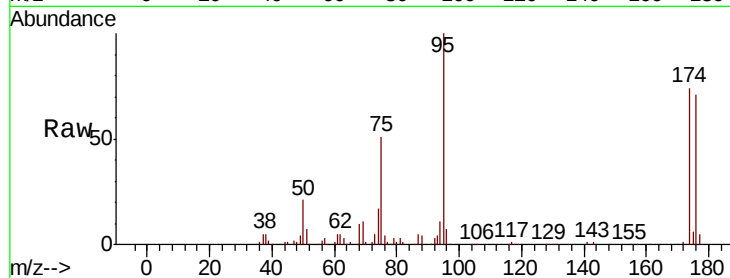
Tgt Ion: 75 Resp: 59474

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#89

n-Butylbenzene

Concen: 2.002 ug/l

RT: 11.90 min Scan# 3335

Delta R.T. 0.01 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

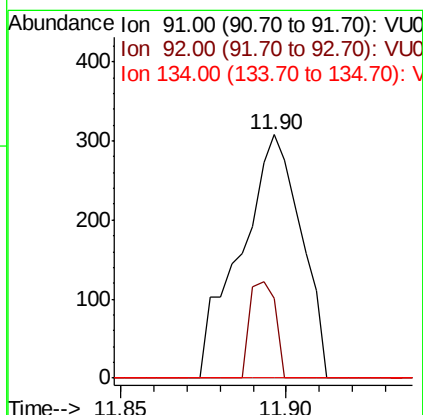
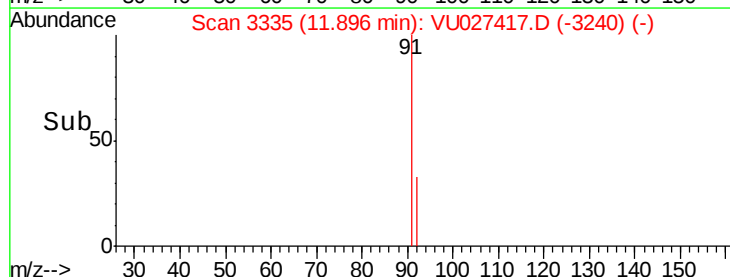
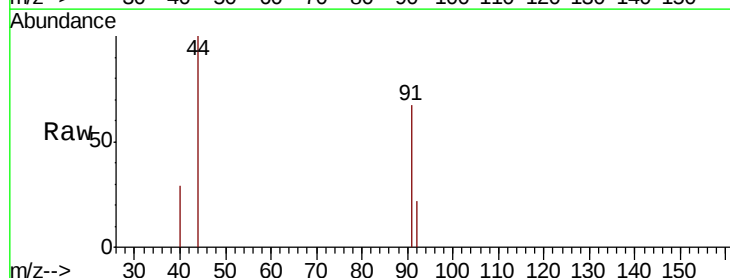
Tgt Ion: 91 Resp: 392

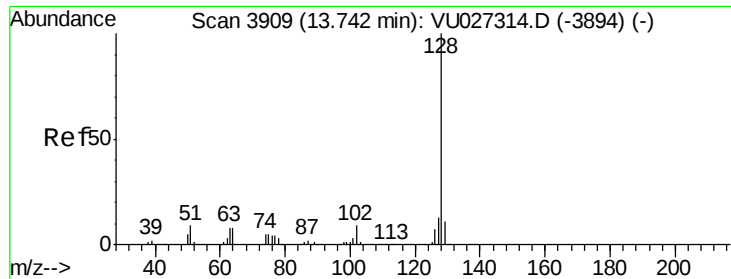
Ion Ratio Lower Upper

91 100

92 16.6 27.0 81.0#

134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.671 ug/l

RT: 13.76 min Scan# 3916

Delta R.T. 0.02 min

Lab File: VU027417.D

Acq: 04 Oct 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

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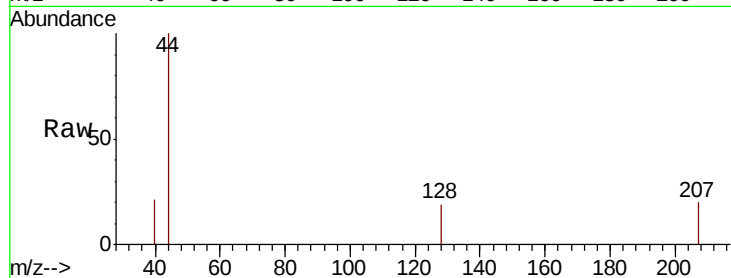
Tgt Ion:128 Resp: 91

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

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

