

Data File : VU027532.D
Acq On : 09 Oct 2018 19:35
Operator : MD/SY
Sample : J5165-26
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Quant Time: Oct 10 05:59:14 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	108857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199065	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	96804	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	4.89	113	64324	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	7.57	98	250442	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	10.31	95	76800	40.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.94%	

Target Compounds

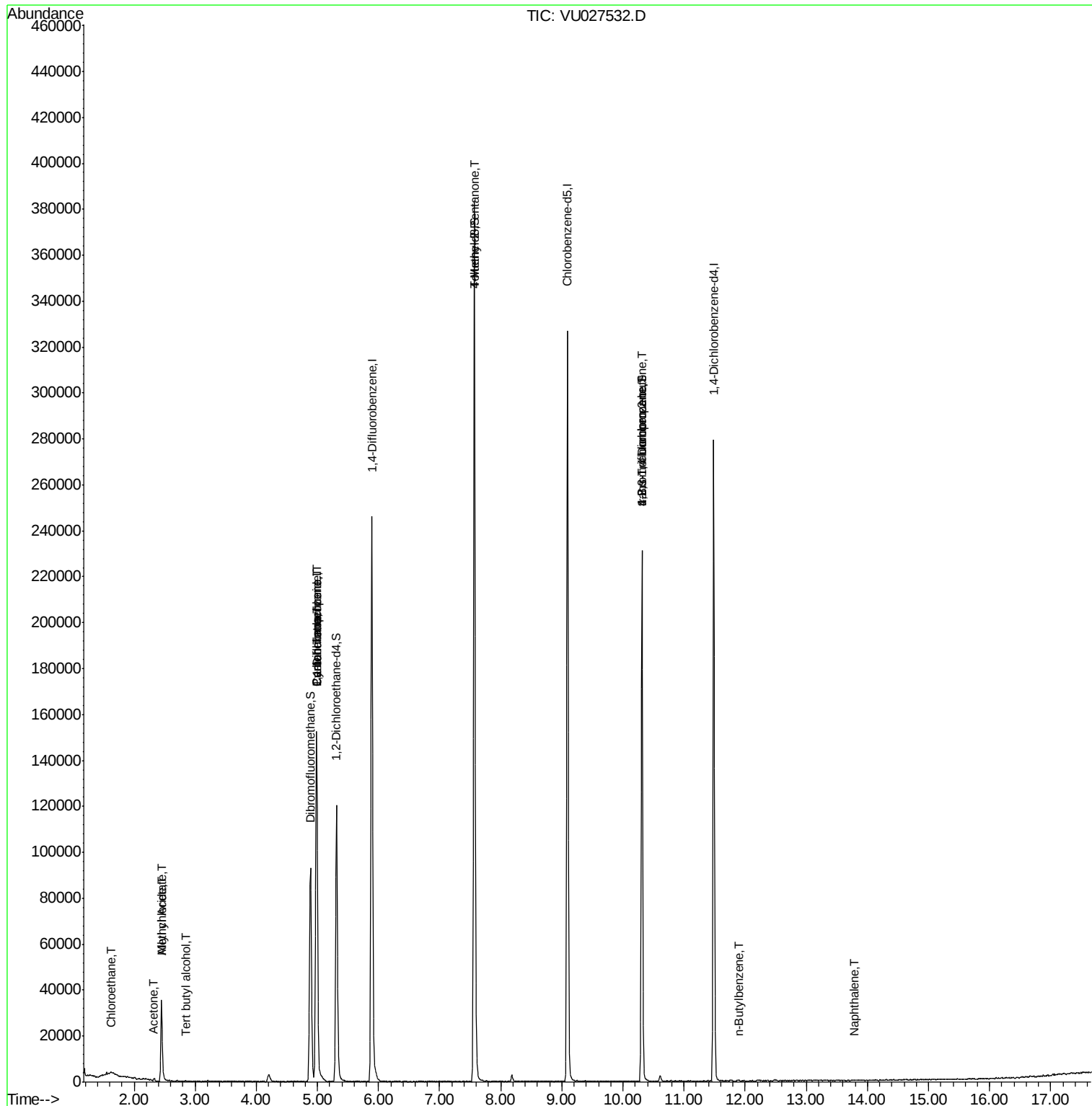
						Qvalue
6) Chloroethane	1.62	64	3533	2.944	ug/l #	66
11) Tert butyl alcohol	2.84	59	170	0.444	ug/l #	72
14) Allyl chloride	2.45	41	3591	1.315	ug/l #	72
16) Acetone	2.32	43	1155	1.076	ug/l #	85
18) Methyl Acetate	2.45	43	8955	3.656	ug/l #	56
31) Cyclohexane	4.99	56	2768	0.715	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10325	4.777	ug/l #	49
38) Carbon Tetrachloride	4.99	117	11374	5.826	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1160	0.411	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	41759	23.775	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	41759	62.223	ug/l #	100
89) n-Butylbenzene	11.89	91	206	1.994	ug/l #	33
95) Naphthalene	13.78	128	83	1.676	ug/l #	69

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

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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: VU027532.D

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Instrument :

MSVOA_U

ClientSampleId :

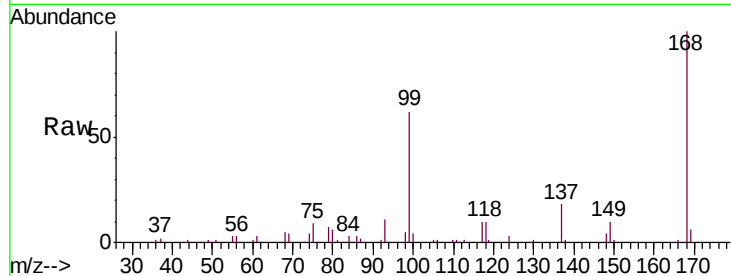
TRIP-BLANK

Tgt Ion:168 Resp: 108857

Ion Ratio Lower Upper

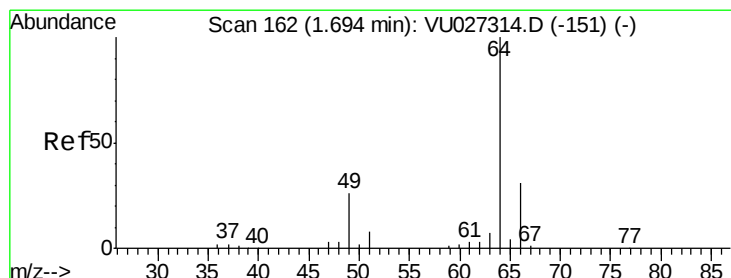
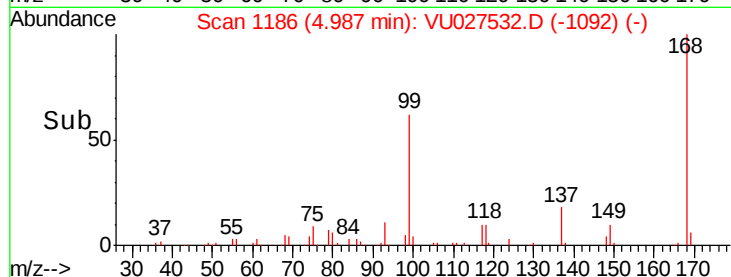
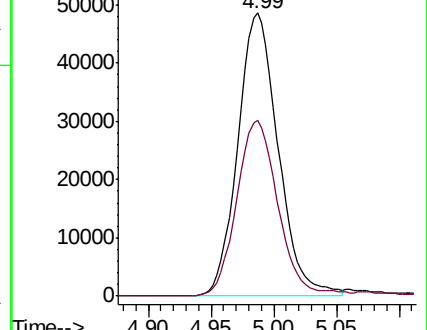
168 100

99 62.0 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) (-)



#6

Chloroethane

Concen: 2.944 ug/l

RT: 1.62 min Scan# 139

Delta R.T. -0.07 min

Lab File: VU027532.D

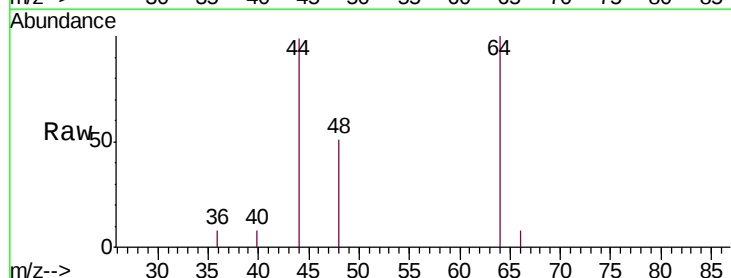
Acq: 09 Oct 2018 19:35

Tgt Ion: 64 Resp: 3533

Ion Ratio Lower Upper

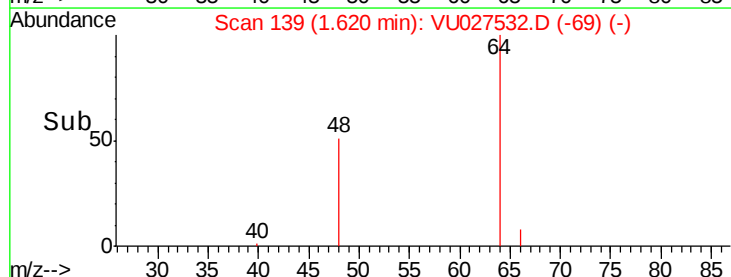
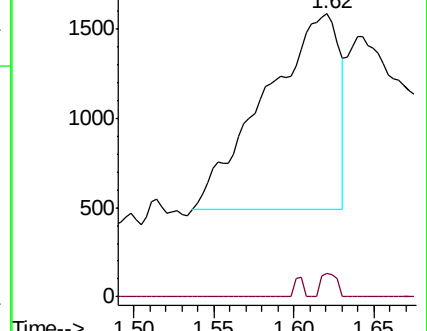
64 100

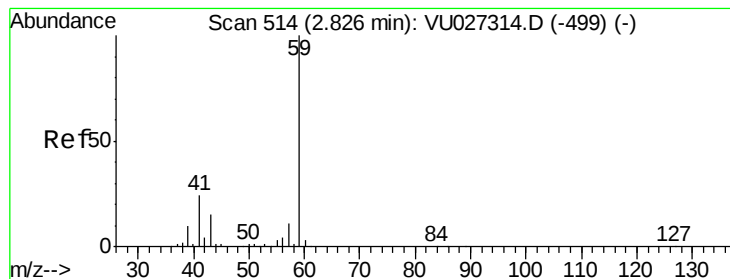
66 12.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)



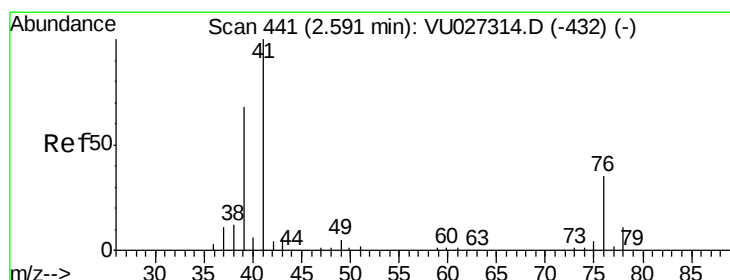
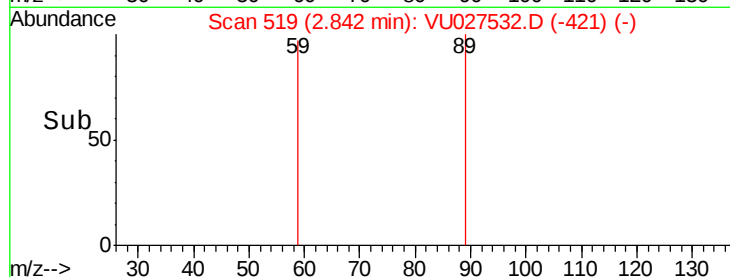
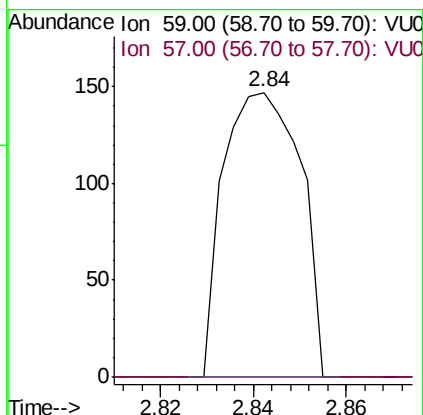
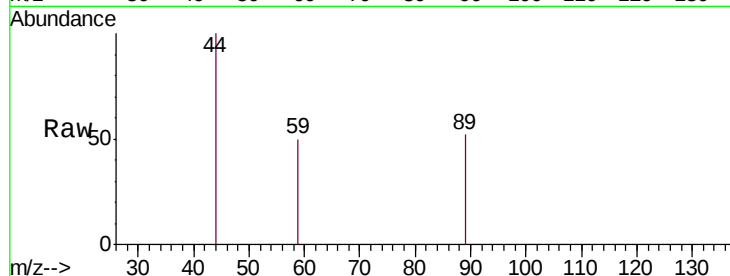


#11

Tert butyl alcohol
 Concen: 0.444 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.02 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

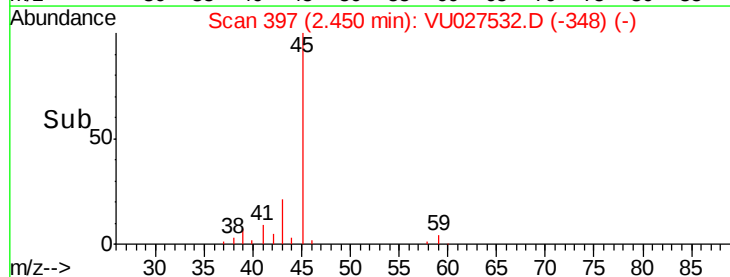
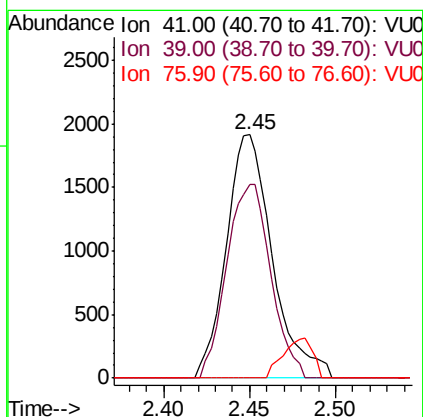
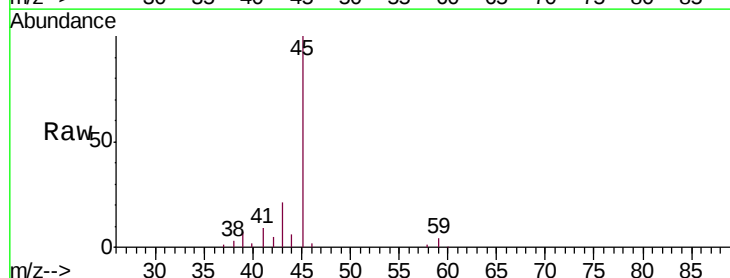
Tgt Ion: 59 Resp: 170
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

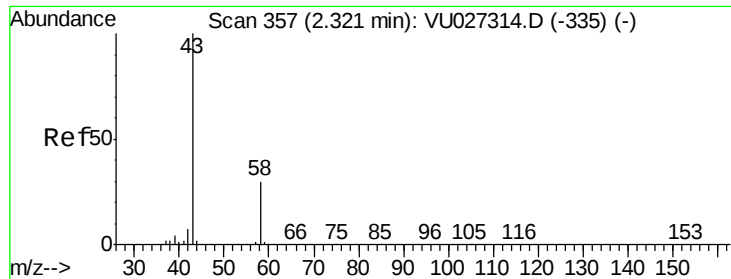


#14

Allyl chloride
 Concen: 1.315 ug/l
 RT: 2.45 min Scan# 397
 Delta R.T. -0.14 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Tgt Ion: 41 Resp: 3591
 Ion Ratio Lower Upper
 41 100
 39 75.5 51.8 77.8
 76 0.0 25.9 38.9#





#16

Acetone

Concen: 1.076 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

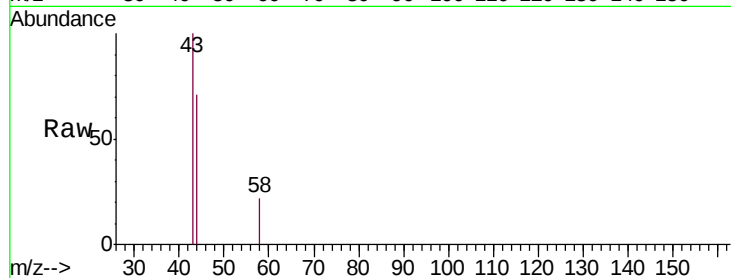
TRIP-BLANK

Tgt Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

58 22.1 24.2 36.4#

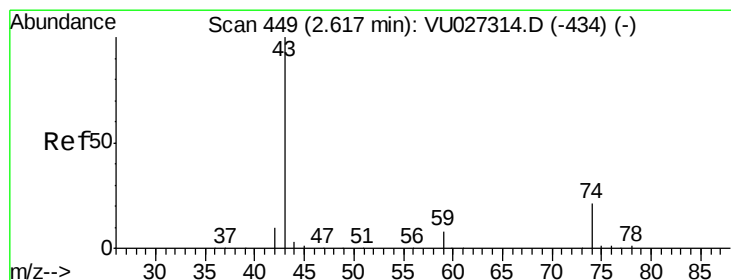
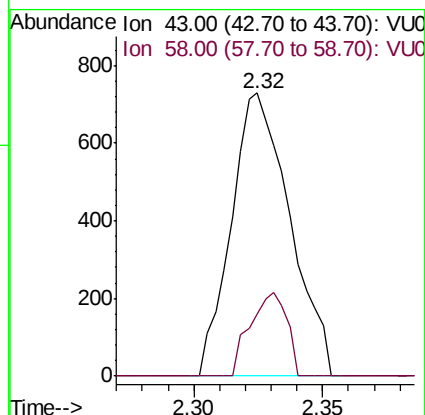
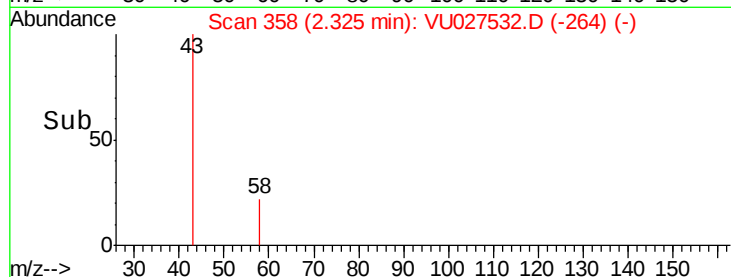


Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

2.30 2.35



#18

Methyl Acetate

Concen: 3.656 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.17 min

Lab File: VU027532.D

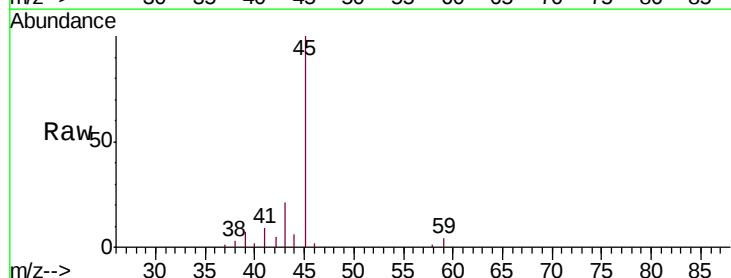
Acq: 09 Oct 2018 19:35

Tgt Ion: 43 Resp: 8955

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#

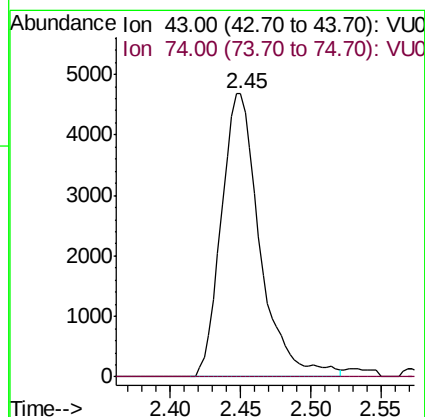
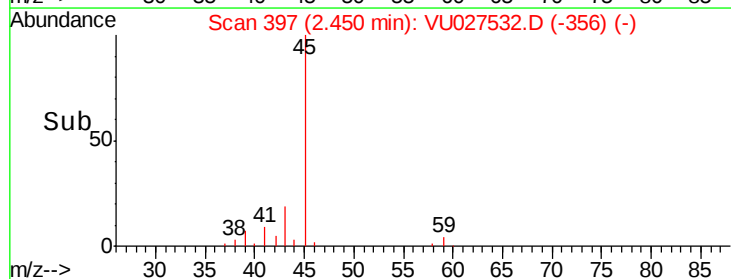


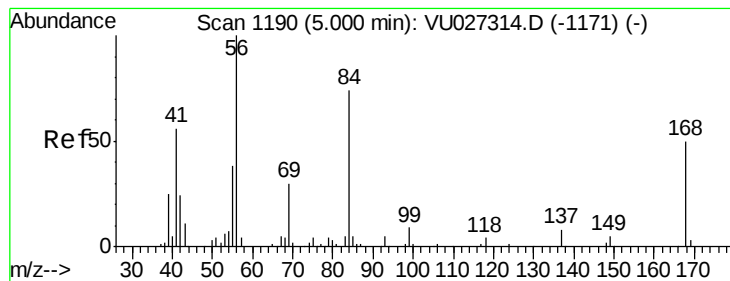
Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU027314.D (-434) (-)

2.45

2.40 2.50 2.55





#31

Cyclohexane

Concen: 0.715 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

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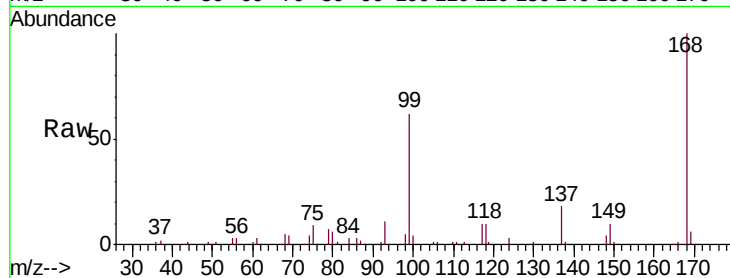
Tgt Ion: 56 Resp: 2768

Ion Ratio Lower Upper

56 100

69 172.6 24.1 36.1#

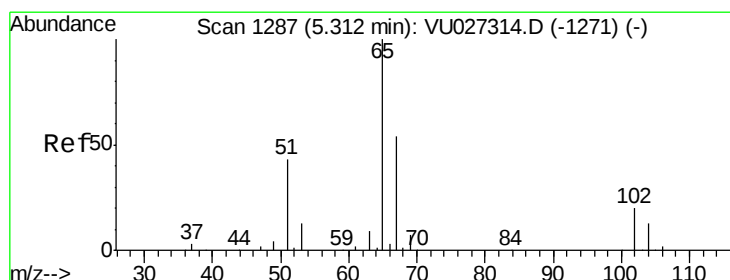
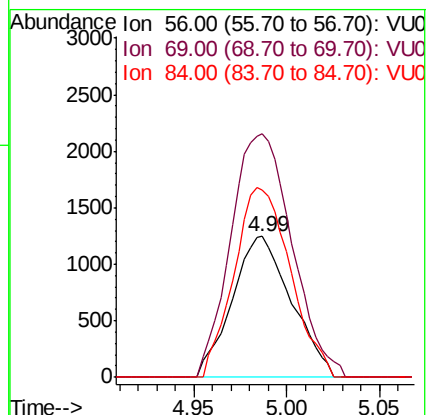
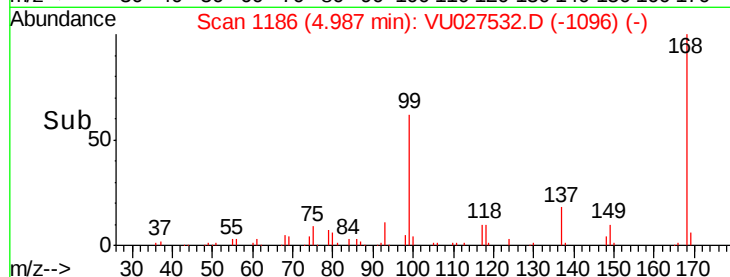
84 132.7 59.1 88.7#



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: 53.256 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027532.D

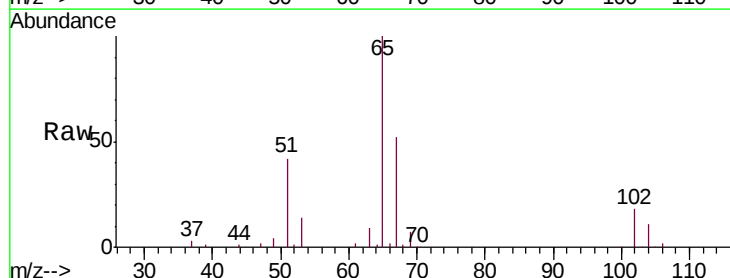
Acq: 09 Oct 2018 19:35

Tgt Ion: 65 Resp: 96804

Ion Ratio Lower Upper

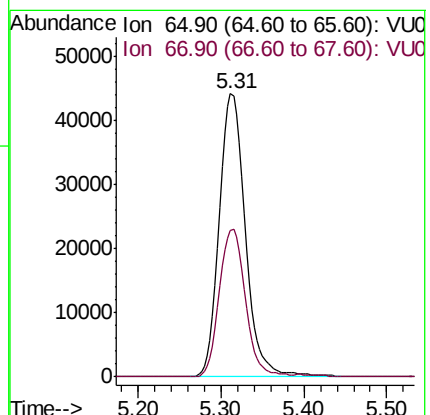
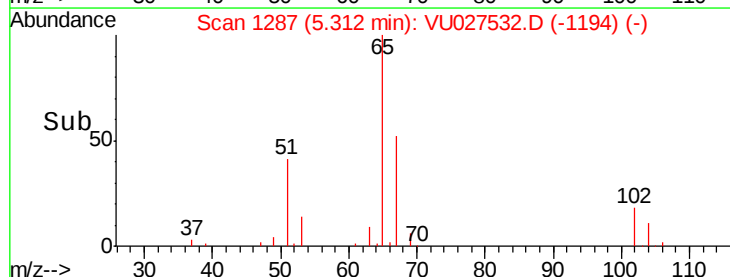
65 100

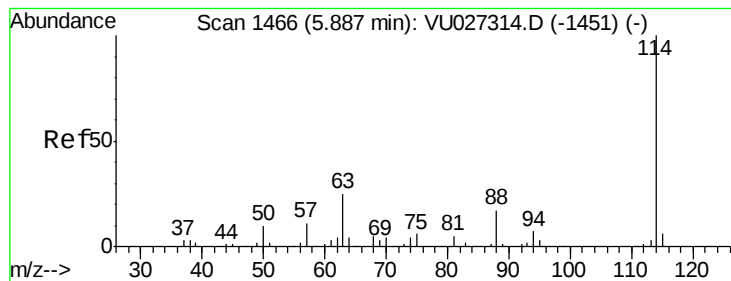
67 52.1 0.0 107.8



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: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

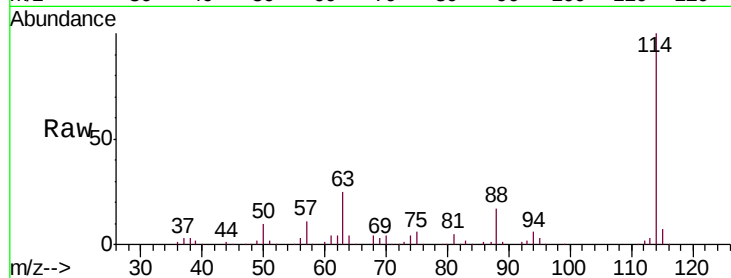
Tgt Ion:114 Resp: 199065

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.2

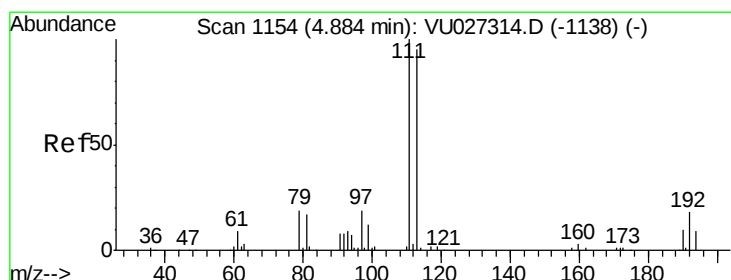
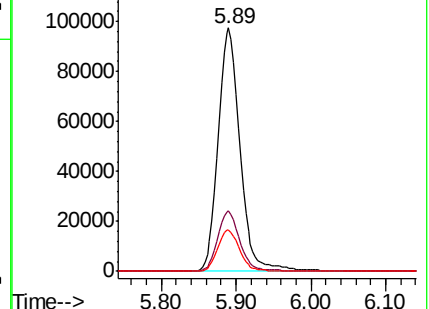
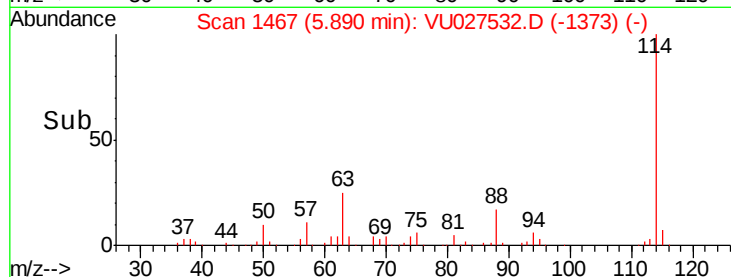
88 17.0 0.0 33.8



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: 47.150 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

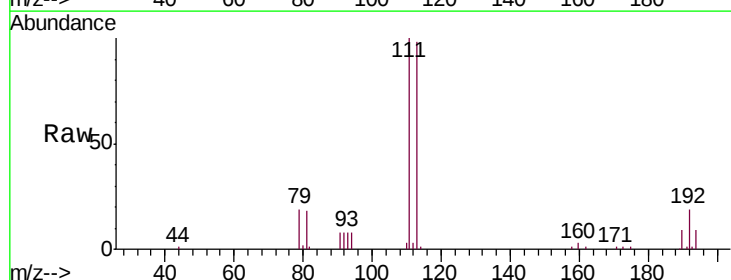
Tgt Ion:113 Resp: 64324

Ion Ratio Lower Upper

113 100

111 104.2 83.1 124.7

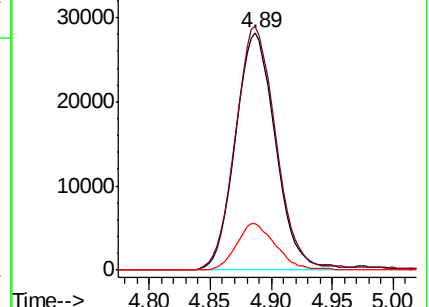
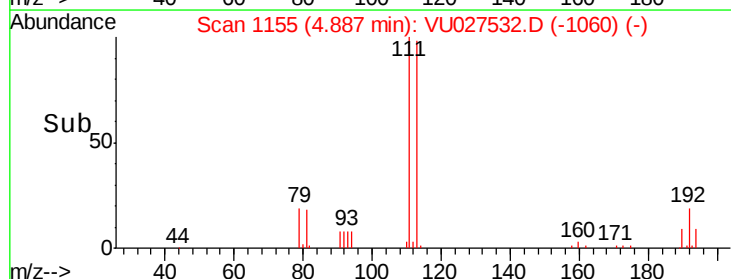
192 19.3 15.4 23.0

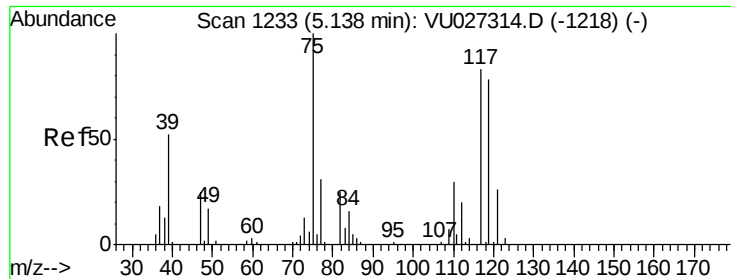


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

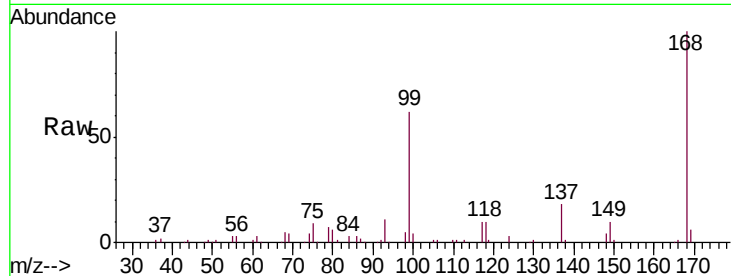




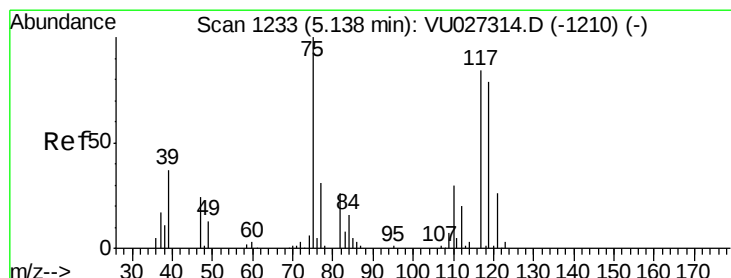
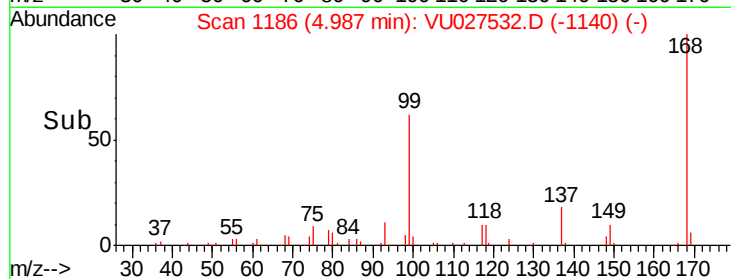
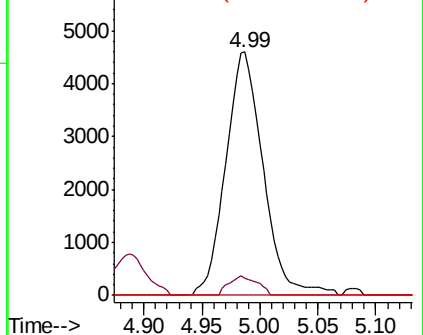
#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.9	15.5	46.5#
77	0.0	25.4	38.0#

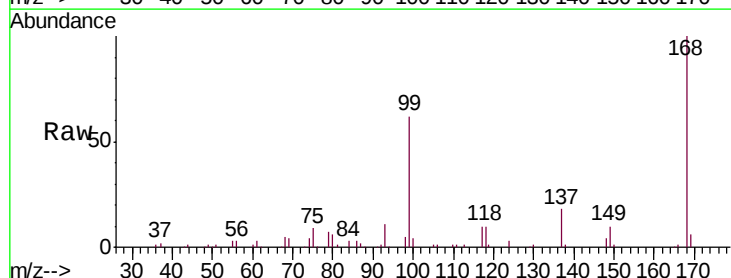


Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-1218) (-)
 Ion 109.90 (109.60 to 110.60): VU027314.D (-1218) (-)
 Ion 76.90 (76.60 to 77.60): VU027314.D (-1218) (-)

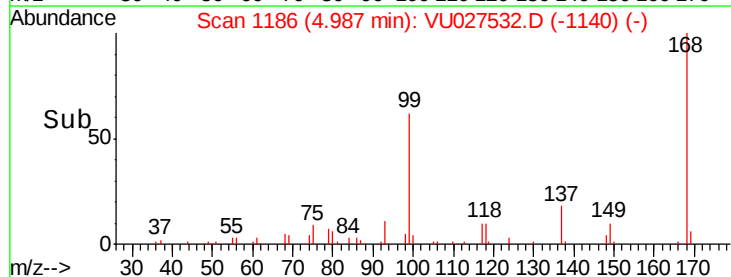
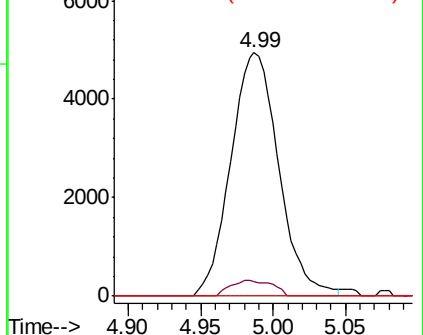


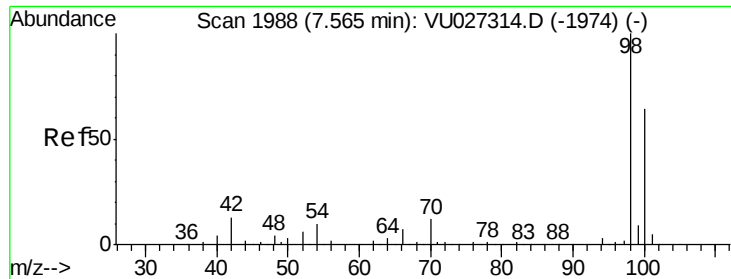
#38
 Carbon Tetrachloride
 Concen: 5.826 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)
 Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)
 Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

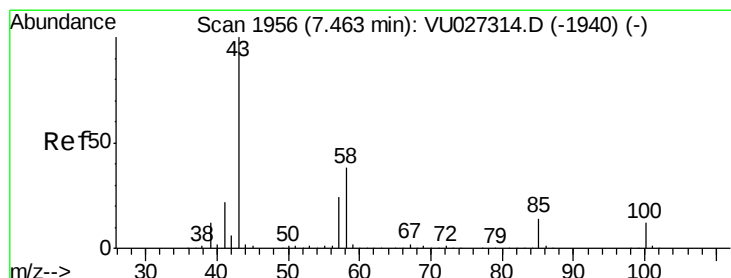
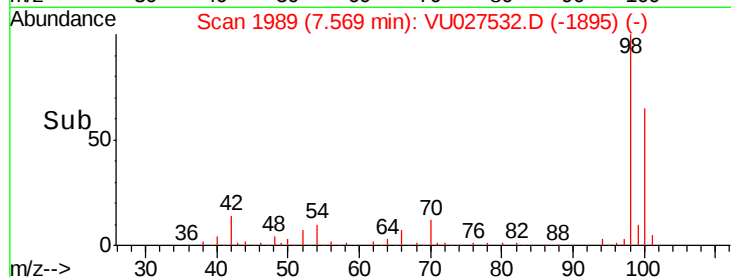
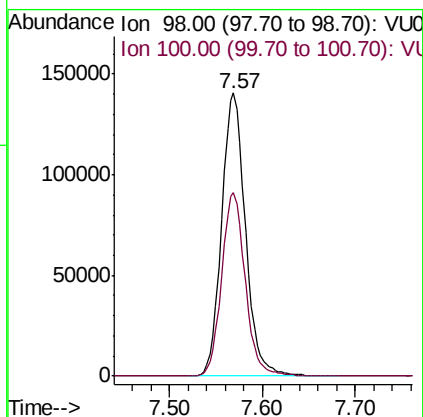
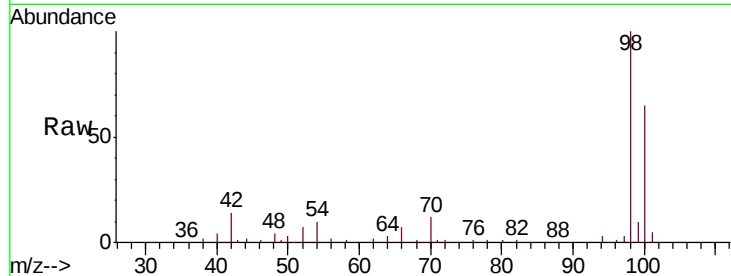




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

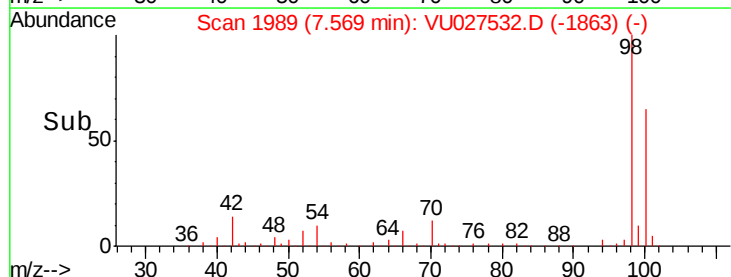
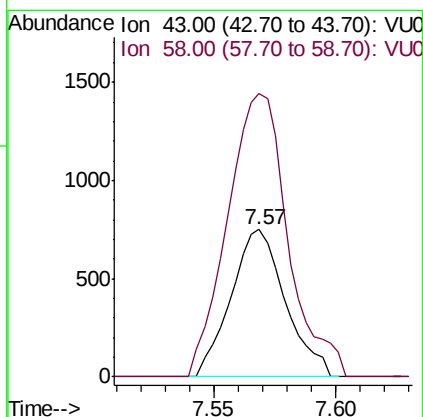
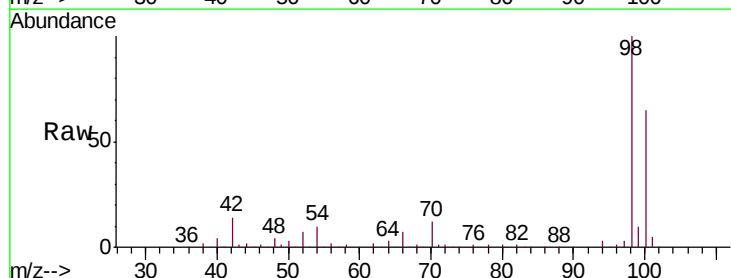
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

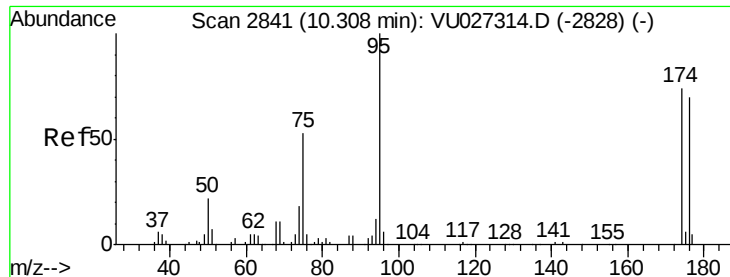
Tgt Ion: 98 Resp: 250442
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.411 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 213.7 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 40.473 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

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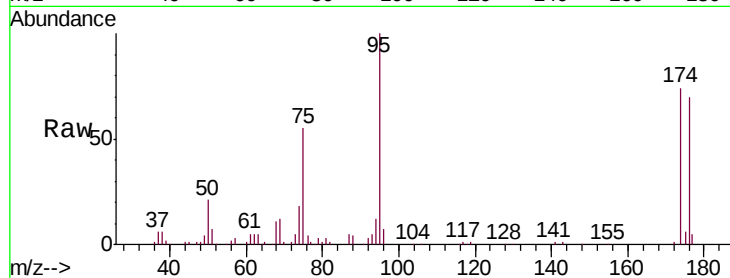
Tgt Ion: 95 Resp: 76800

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

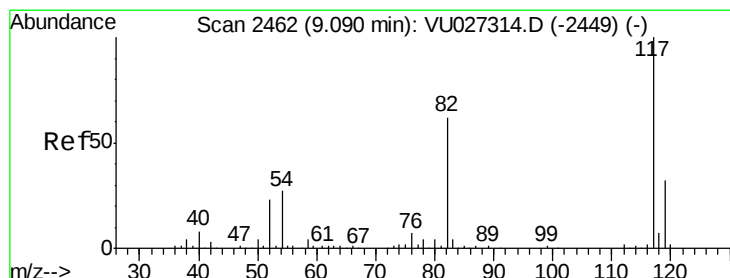
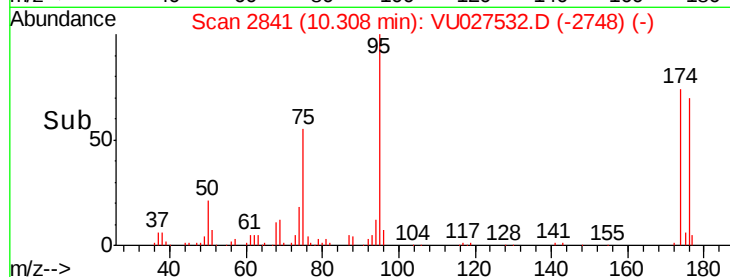
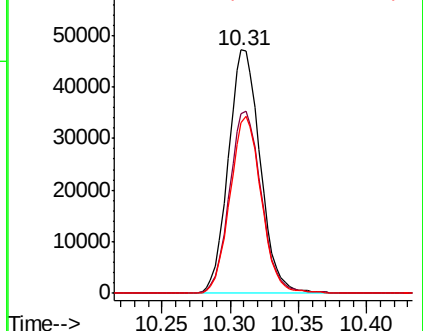
176 71.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

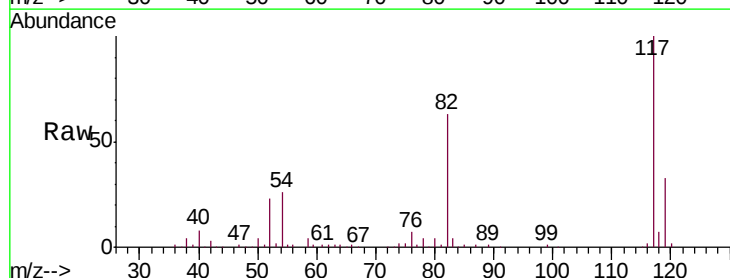
Tgt Ion: 117 Resp: 170620

Ion Ratio Lower Upper

117 100

82 62.5 49.2 73.8

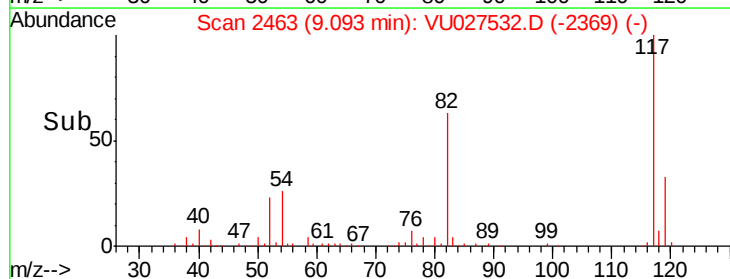
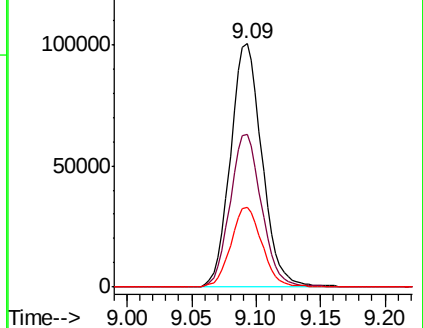
119 32.7 25.7 38.5

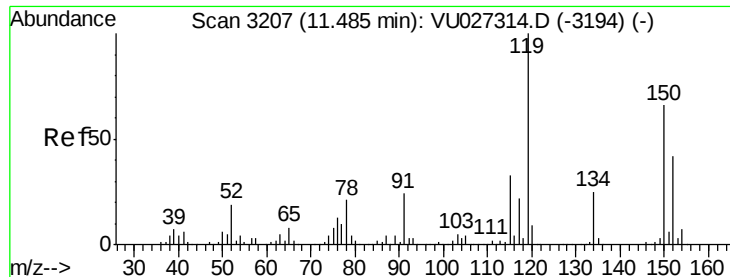


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

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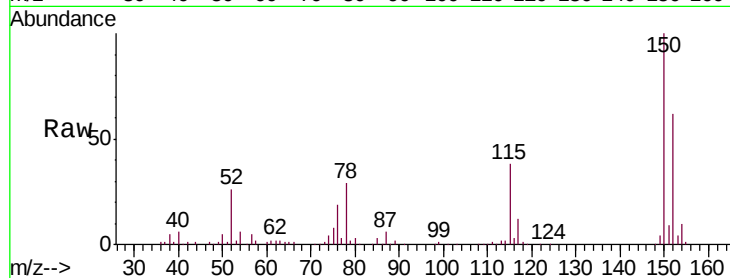
Tgt Ion: 152 Resp: 67756

Ion Ratio Lower Upper

152 100

115 62.2 43.4 130.2

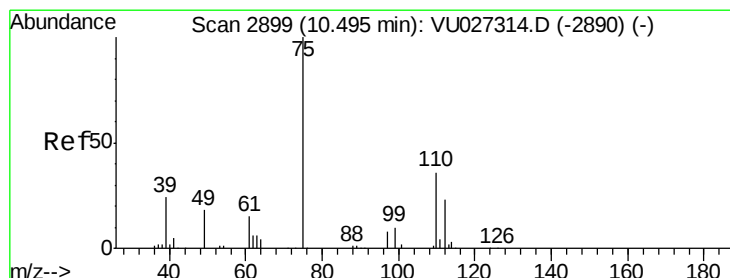
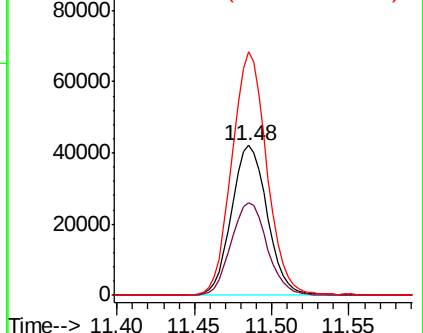
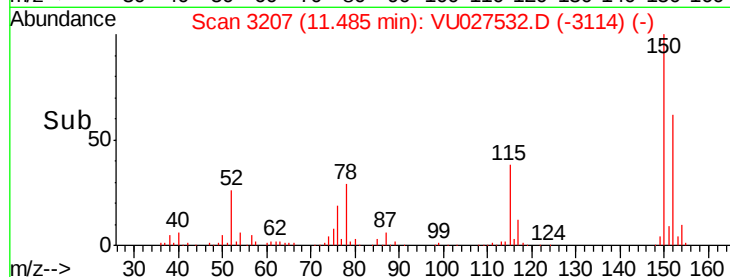
150 157.9 0.0 349.2



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: 23.775 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027532.D

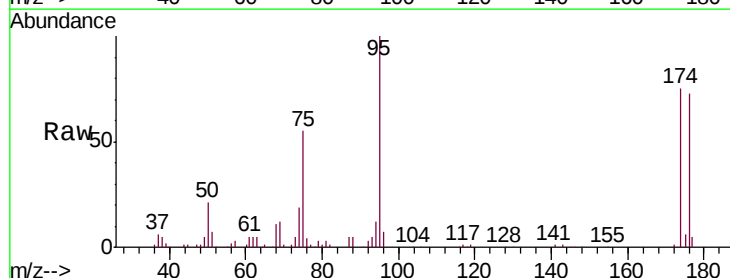
Acq: 09 Oct 2018 19:35

Tgt Ion: 75 Resp: 41759

Ion Ratio Lower Upper

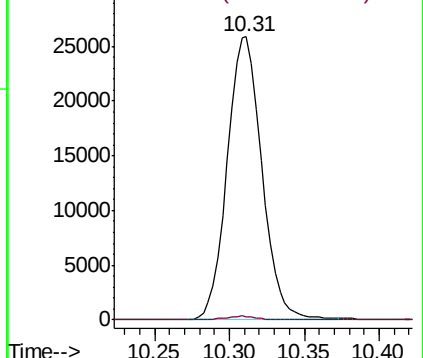
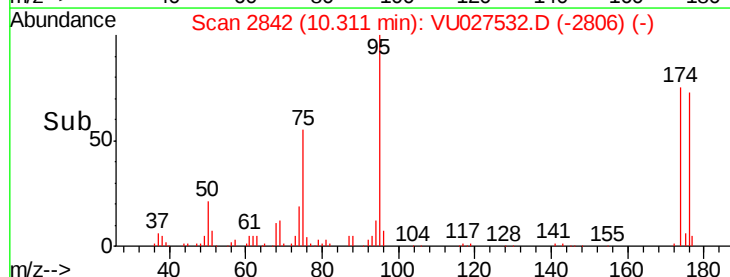
75 100

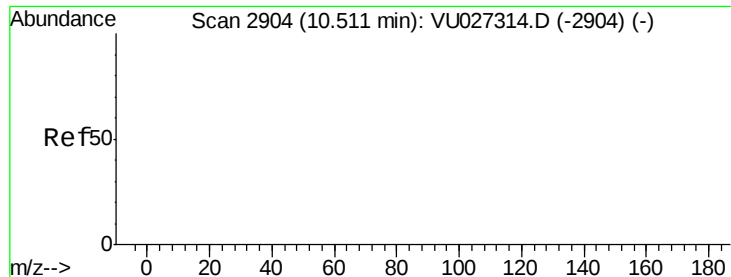
77 1.1 20.3 60.9#



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: 62.223 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

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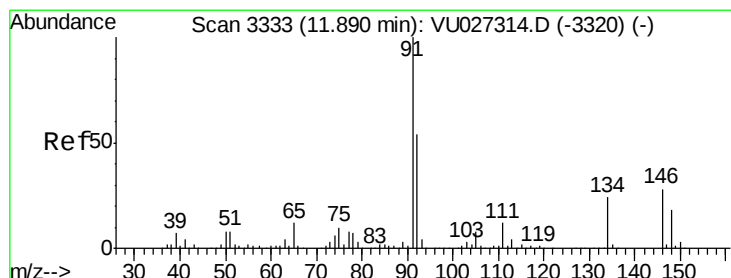
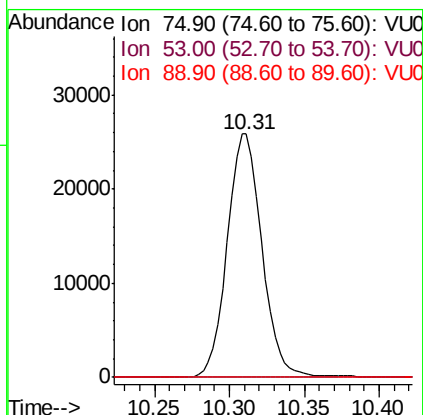
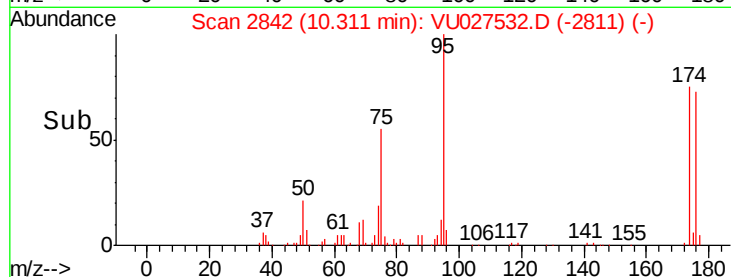
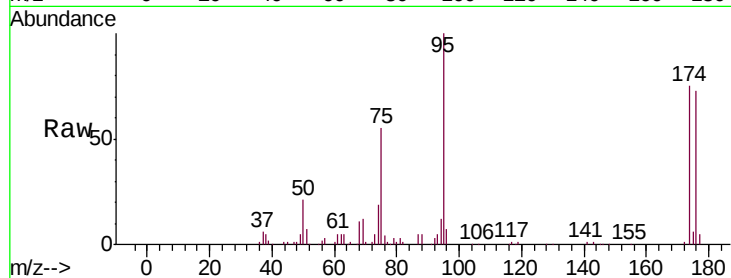
Tgt Ion: 75 Resp: 41759

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#89

n-Butylbenzene

Concen: 1.994 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027532.D

Acq: 09 Oct 2018 19:35

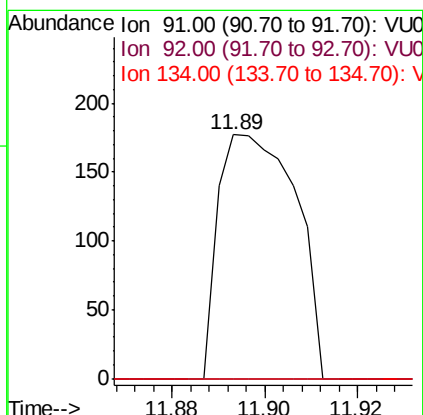
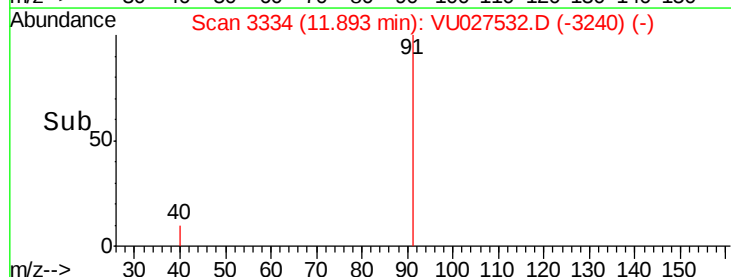
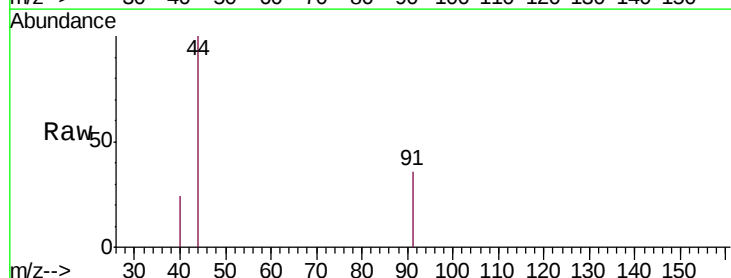
Tgt Ion: 91 Resp: 206

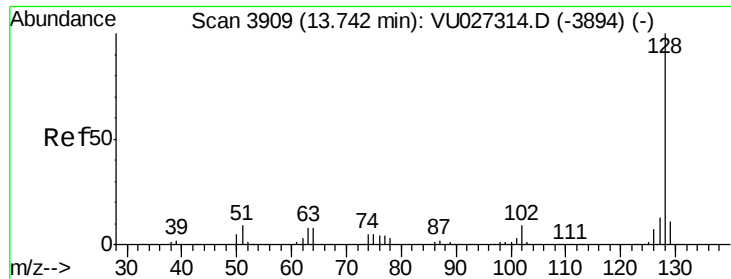
Ion Ratio Lower Upper

91 100

92 0.0 27.0 81.0#

134 0.0 11.7 35.1#





#95
Naphthalene
Concen: 1.676 ug/l
RT: 13.78 min Scan# 3921
Delta R.T. 0.04 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#

