

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028039.D
 Acq On : 09 Nov 2018 13:04
 Operator : MD/SY
 Sample : J5885-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 12 06:14:01 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	195949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	377764	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	338167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	142309	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	169689	58.25	ug/l	0.00
Spiked Amount			Recovery	=	116.50%	
35) Dibromofluoromethane	4.88	113	122976	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	7.57	98	490428	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	10.31	95	162329	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

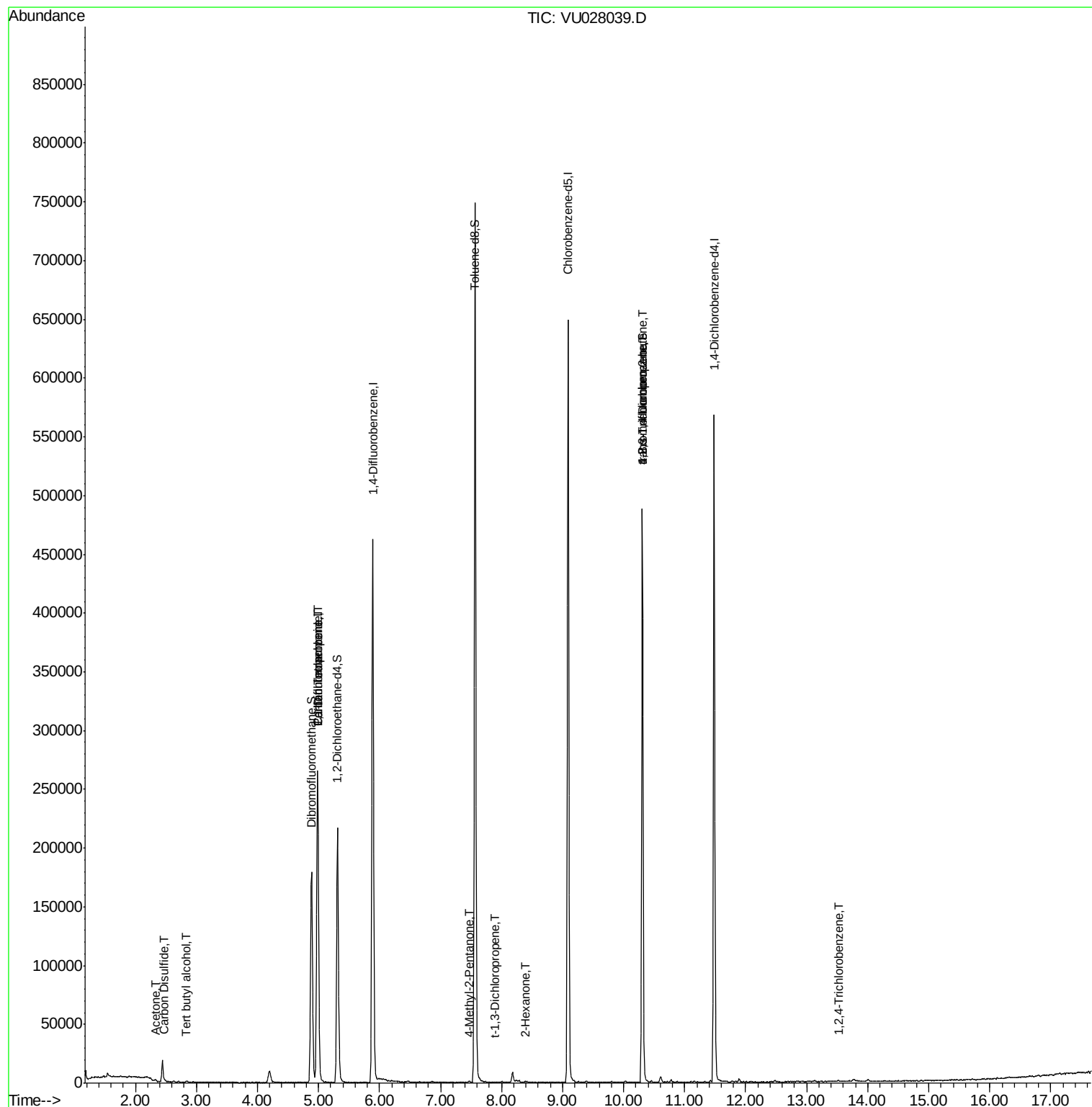
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	356	0.462	ug/l #	73
13) Acrolein	2.19	56	66	Below Cal	#	15
16) Acetone	2.33	43	1922	1.063	ug/l #	85
17) Carbon Disulfide	2.48	76	1481	0.221	ug/l	95
31) Cyclohexane	4.98	56	4964	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	17028	4.304	ug/l #	49
38) Carbon Tetrachloride	4.99	117	19974	5.697	ug/l #	16
51) 4-Methyl-2-Pentanone	7.47	43	1298	0.214	ug/l #	38
53) t-1,3-Dichloropropene	7.90	75	99	1.138	ug/l #	43
59) 2-Hexanone	8.39	43	1391	0.297	ug/l	71
76) 1,2,3-Trichloropropane	10.31	75	84435	21.691	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	84435	54.137	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.51	180	824	0.931	ug/l	65

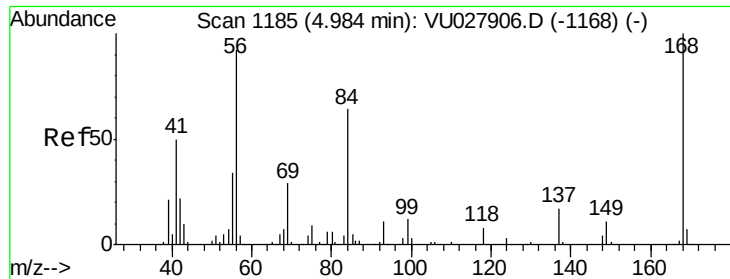
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

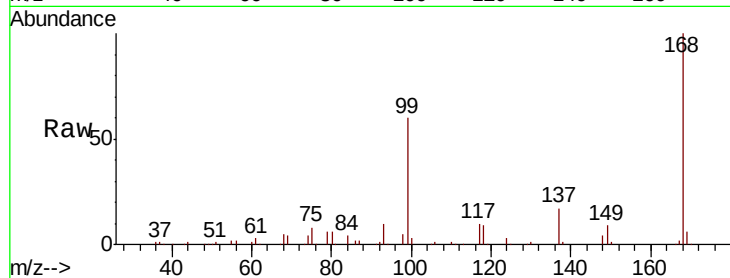
TRIP-BLANK

Tot Ion:168 Resp: 195949

Ion Ratio Lower Upper

168 100

99 59.6 47.9 71.9

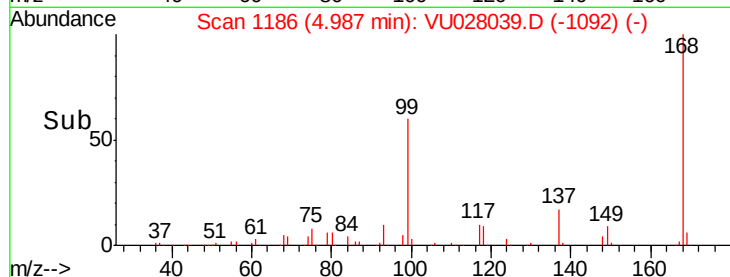


Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

Time-->



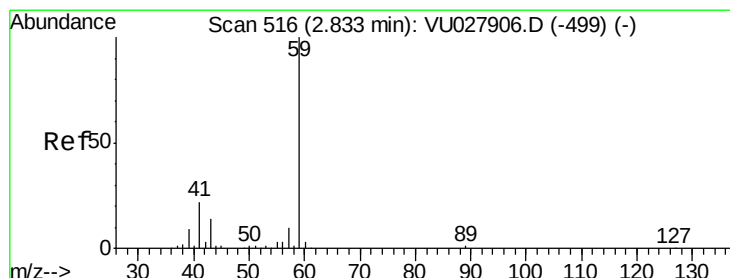
Abundance

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

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

Time-->



#11

Tert butyl alcohol

Concen: 0.462 ug/l

RT: 2.83 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU028039.D

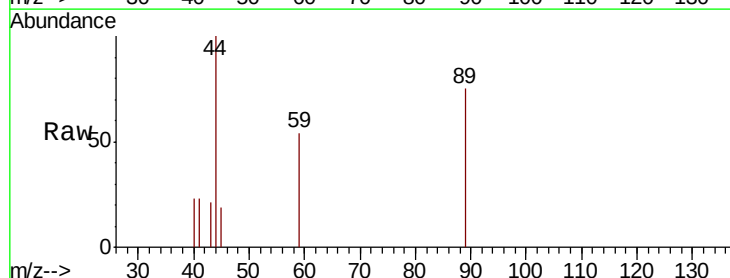
Acq: 09 Nov 2018 13:04

Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

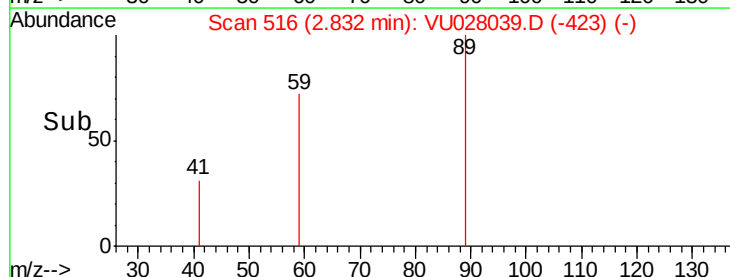


Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027906.D (-499) (-)

2.83

Time-->



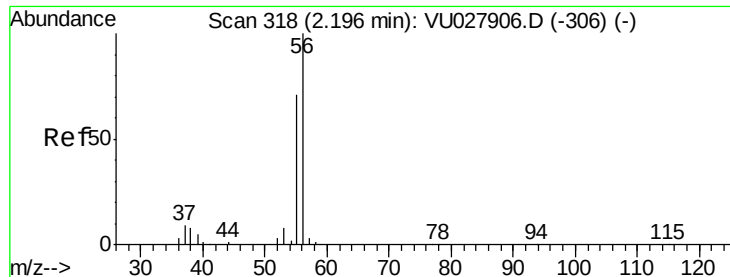
Abundance

Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027906.D (-499) (-)

2.83

Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

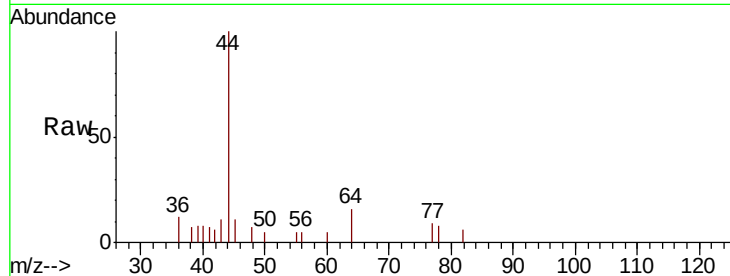
TRIP-BLANK

Tot Ion: 56 Resp: 66

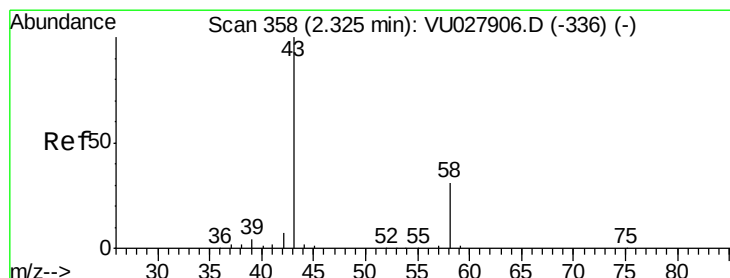
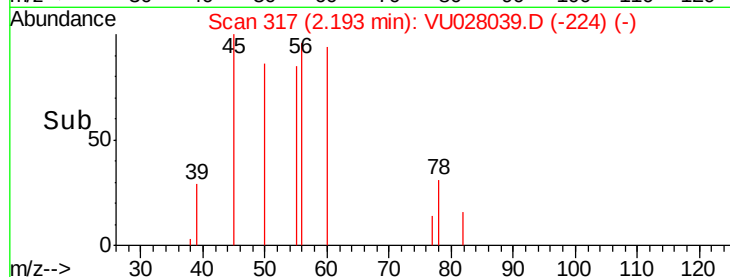
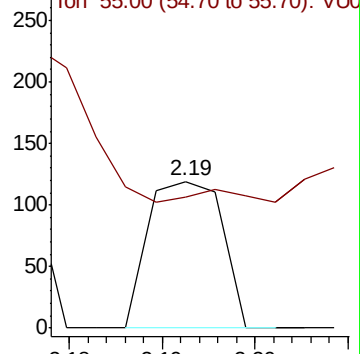
Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)



#16

Acetone

Concen: 1.063 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028039.D

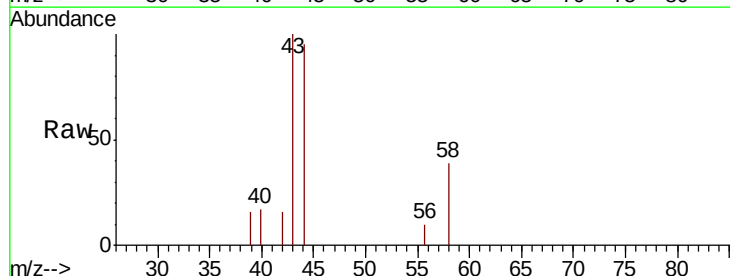
Acq: 09 Nov 2018 13:04

Tgt Ion: 43 Resp: 1922

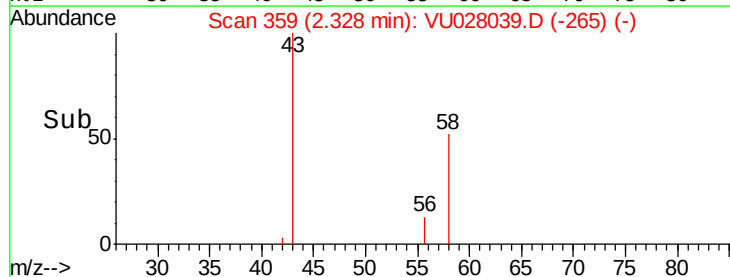
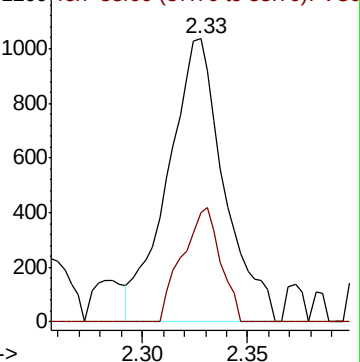
Ion Ratio Lower Upper

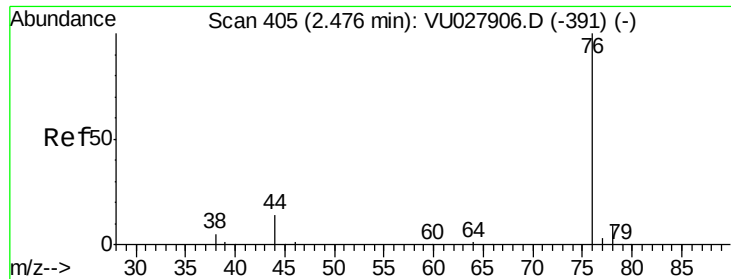
43 100

58 38.8 24.6 37.0#



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





#17

Carbon Disulfide

Concen: 0.221 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampled :

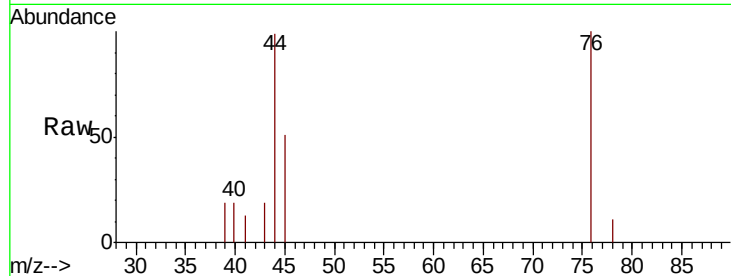
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Tot Ion: 76 Resp: 1481

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0

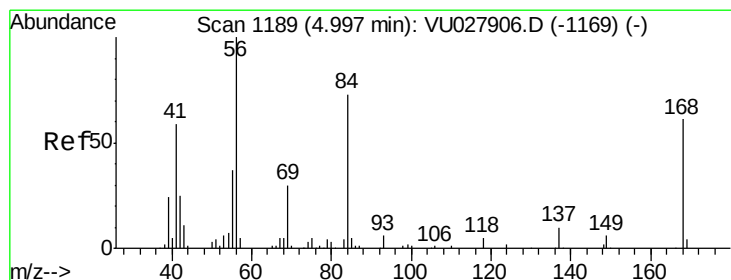
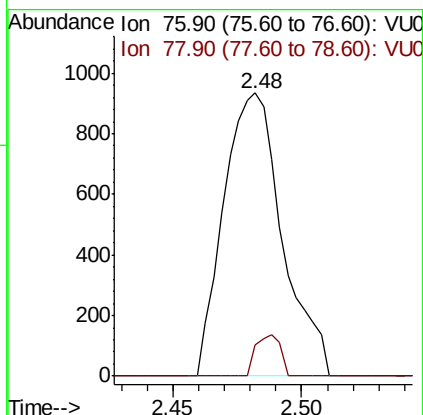
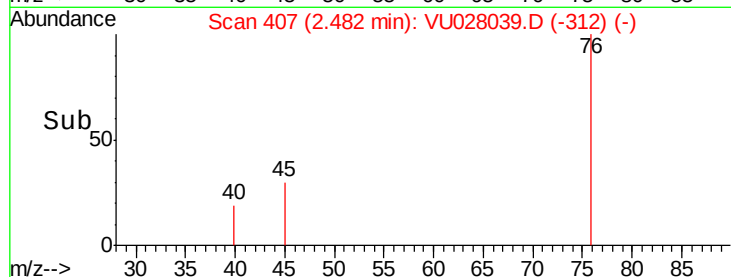


Abundance Ion 75.90 (75.60 to 76.60): VU027906.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VU028039.D (-312) (-)

2.48

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

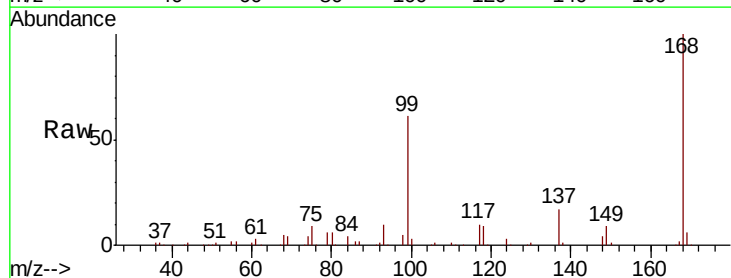
Tgt Ion: 56 Resp: 4964

Ion Ratio Lower Upper

56 100

69 172.7 23.7 35.5#

84 152.4 58.2 87.4#



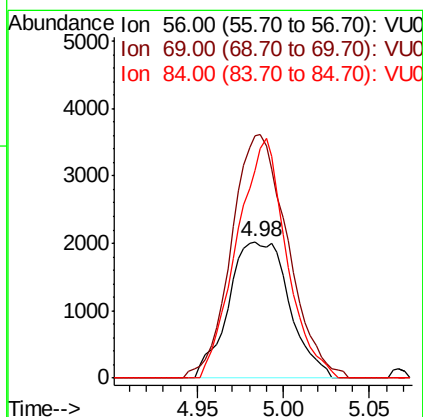
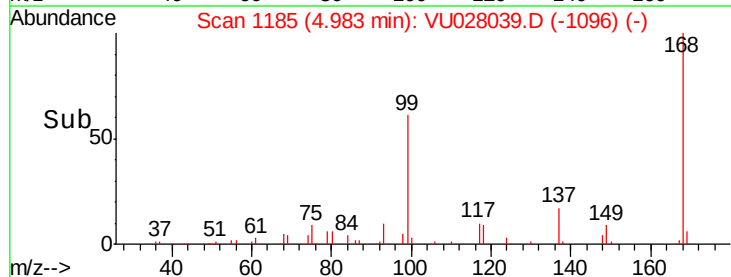
Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-1169) (-)

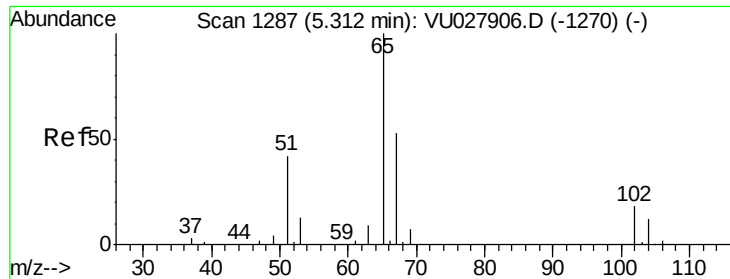
Ion 69.00 (68.70 to 69.70): VU028039.D (-1096) (-)

Ion 84.00 (83.70 to 84.70): VU028039.D (-1096) (-)

4.98

Time-->

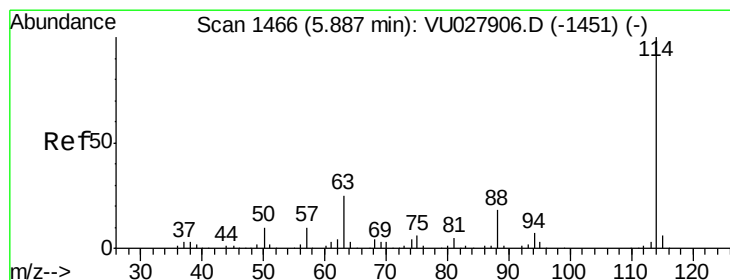
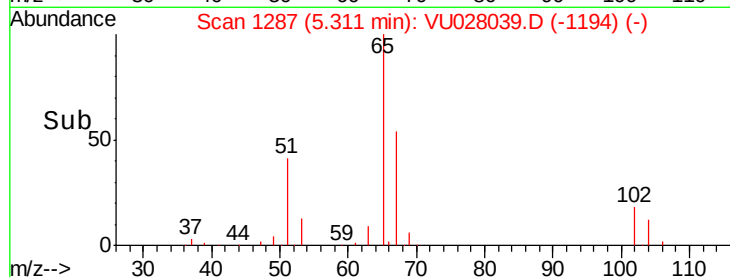
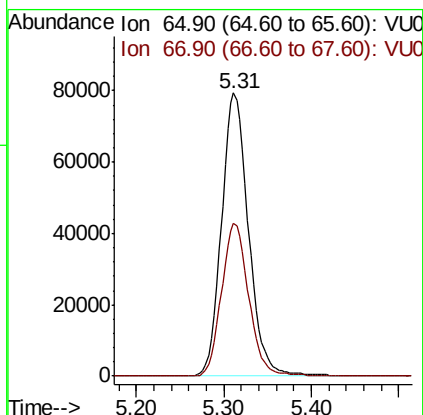
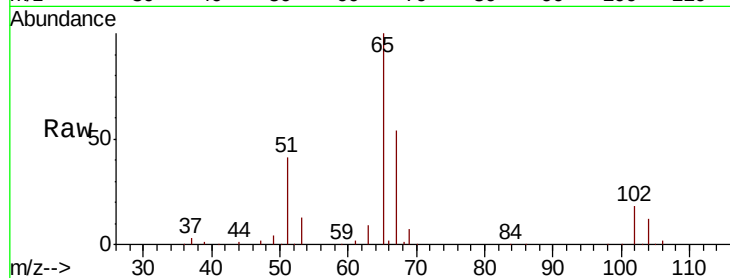




#33
 1,2-Dichloroethane-d4
 Concen: 58.247 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028039.D
 Acq: 09 Nov 2018 13:04

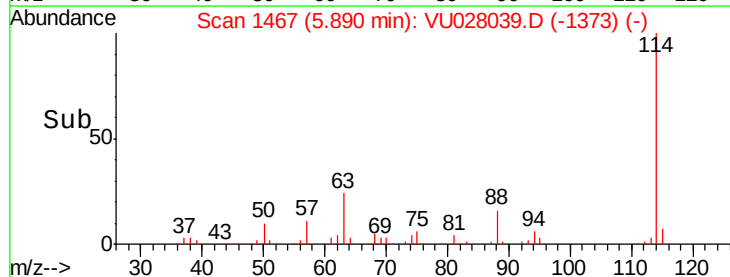
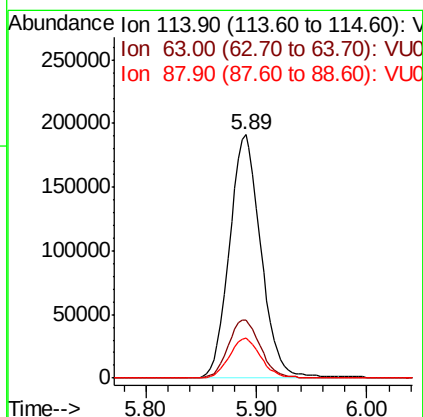
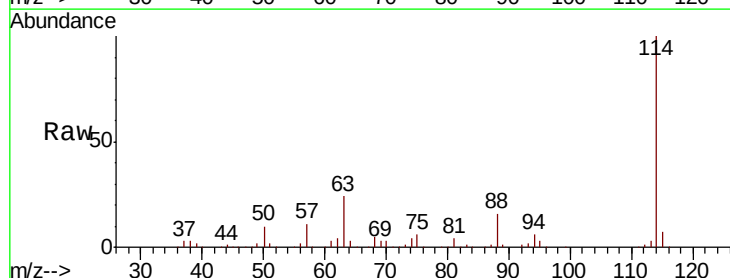
Instrument :
 MSVOA_U
 ClientSampleId :
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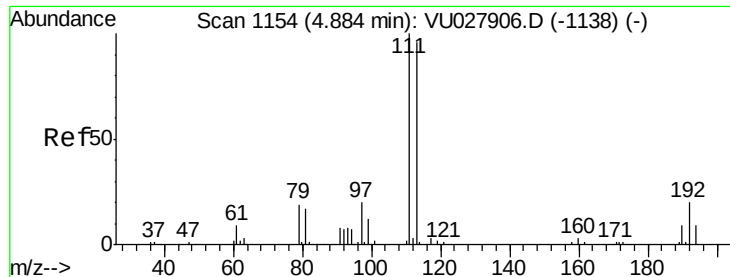
Tot Ion: 65 Resp: 169689
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028039.D
 Acq: 09 Nov 2018 13:04

Tgt Ion: 114 Resp: 377764
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.8
 88 16.2 0.0 35.8

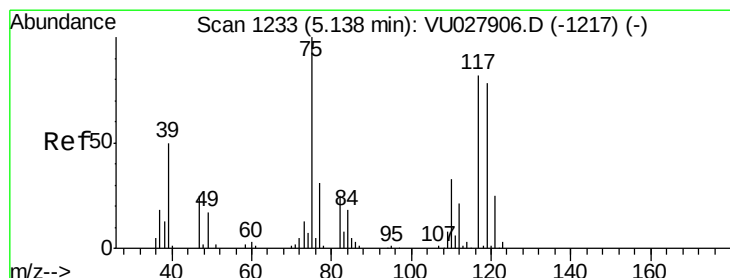
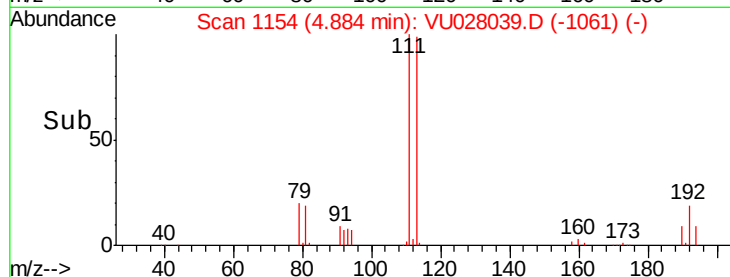
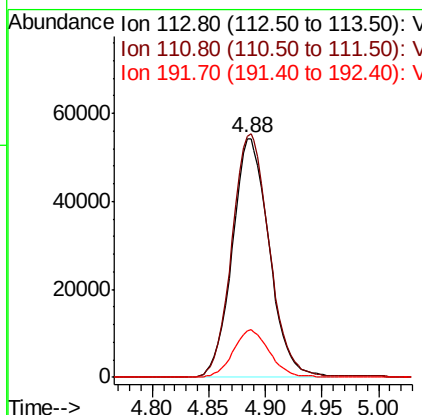
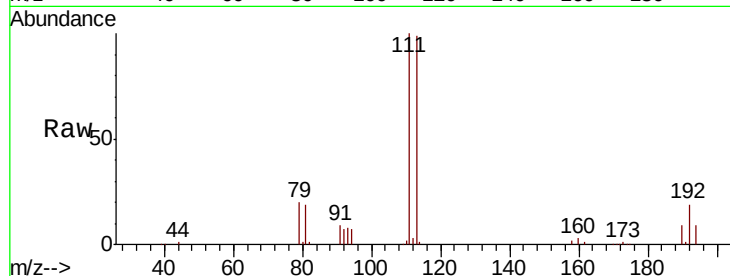




#35
 Dibromofluoromethane
 Concen: 51.630 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028039.D
 Acq: 09 Nov 2018 13:04

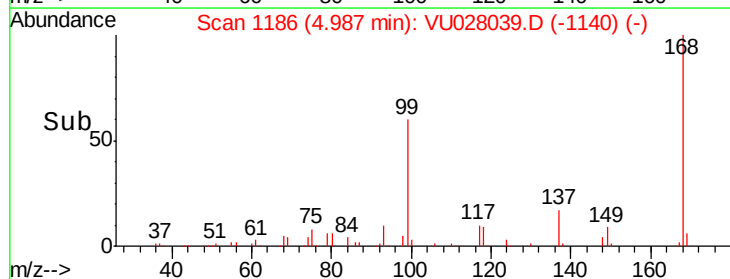
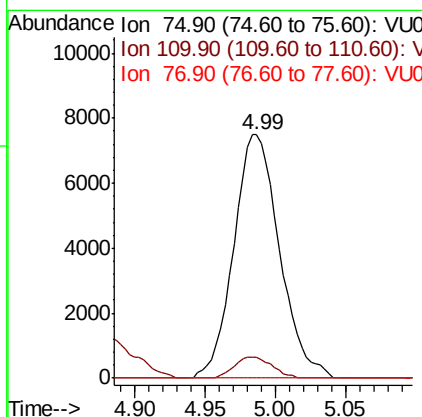
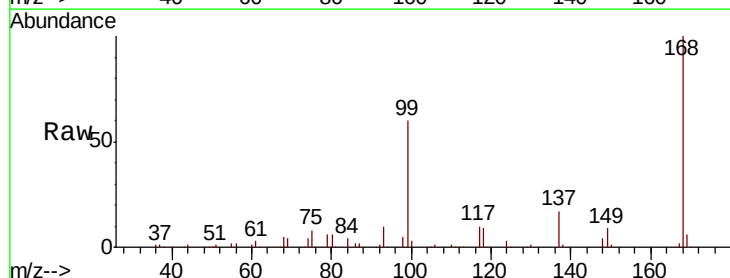
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

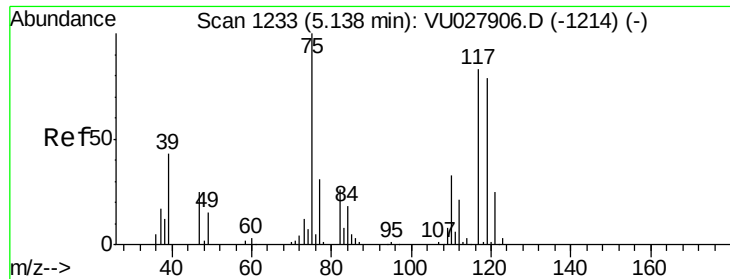
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.6
192	19.5	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 4.304 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028039.D
 Acq: 09 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.5	49.5#
77	0.0	24.9	37.3#

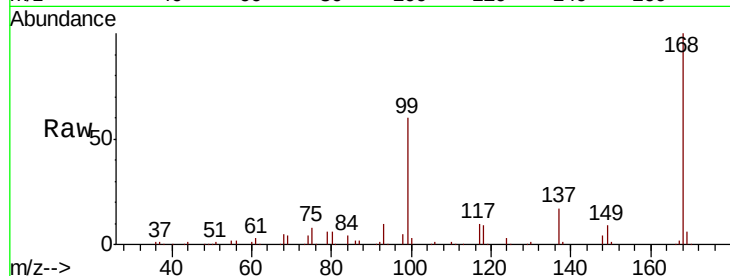




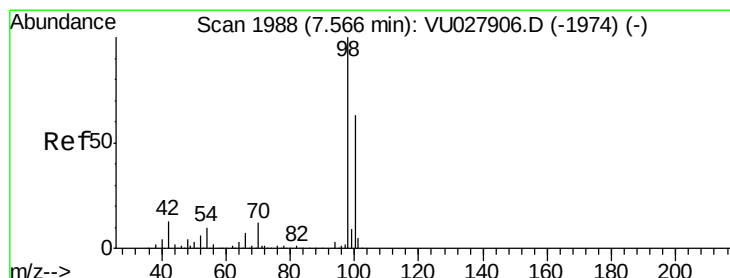
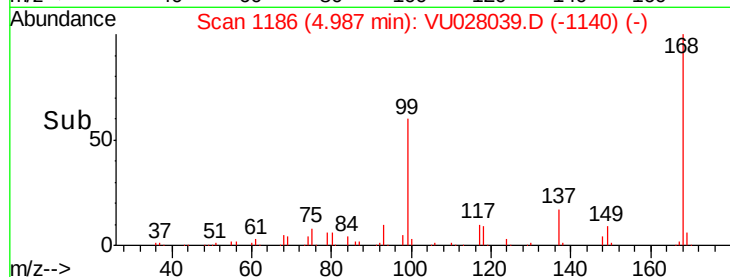
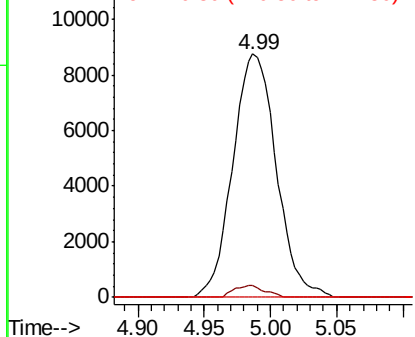
#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 19974
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#

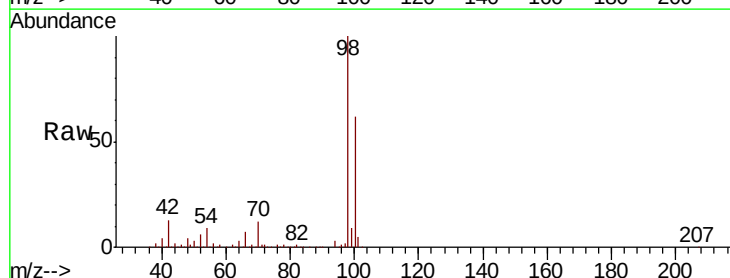


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

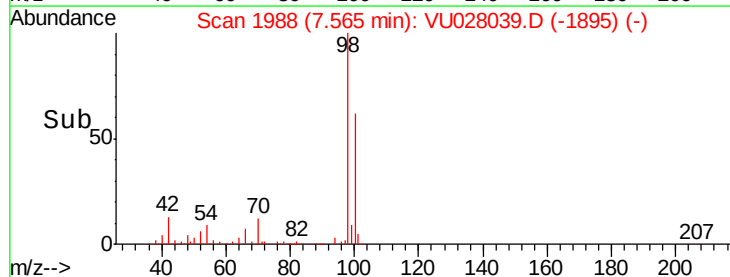
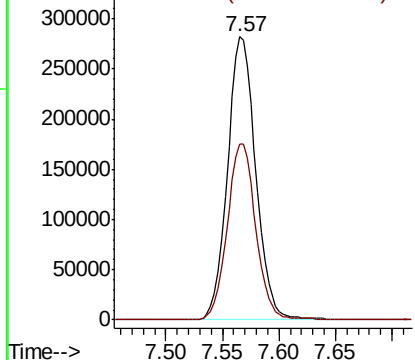


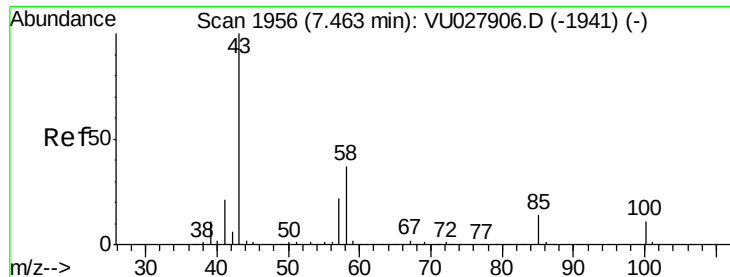
#50
Toluene-d8
Concen: 53.302 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

Tgt Ion: 98 Resp: 490428
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.214 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

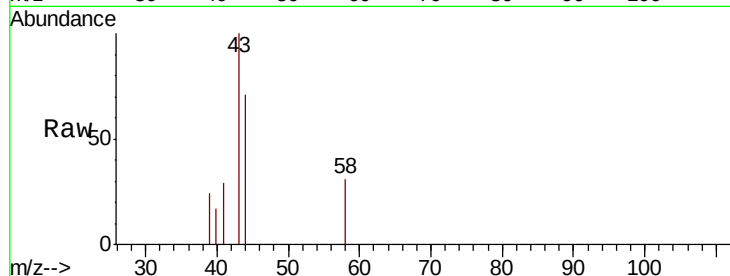
TRIP-BLANK

Tot Ion: 43 Resp: 1298

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.47

600

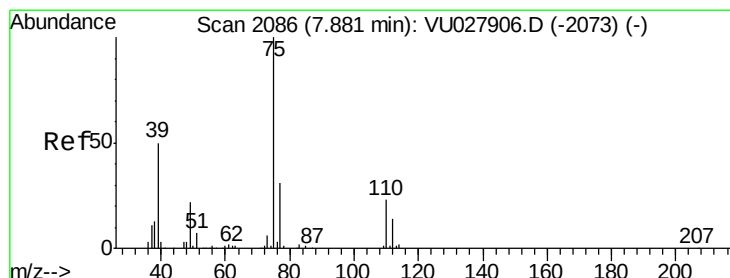
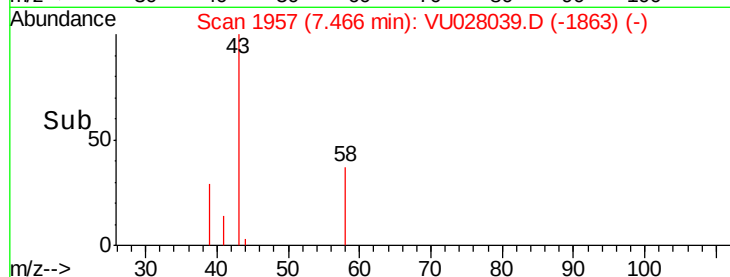
400

200

0

7.45 7.50

Time-->



#53

t-1,3-Dichloropropene

Concen: 1.138 ug/l

RT: 7.90 min Scan# 2093

Delta R.T. 0.02 min

Lab File: VU028039.D

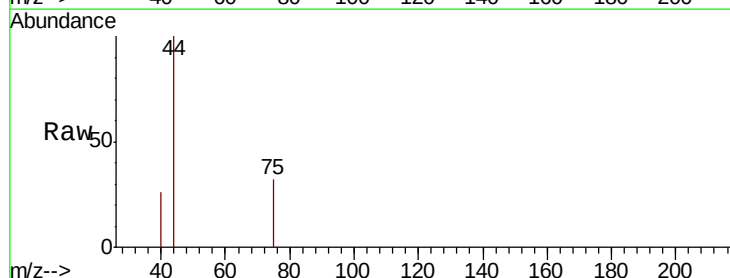
Acq: 09 Nov 2018 13:04

Tgt Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2073) (-)

Ion 76.90 (76.60 to 77.60): VU027906.D (-2073) (-)

7.90

150

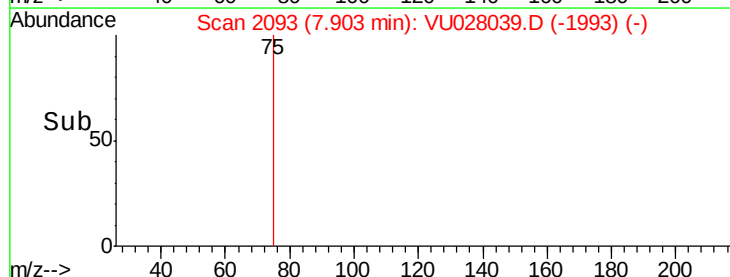
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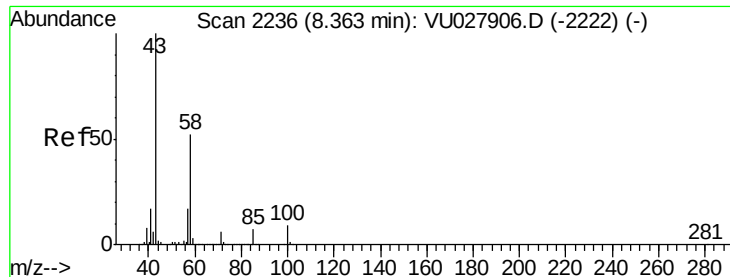
50

0

7.89 7.90 7.91 7.92

Time-->

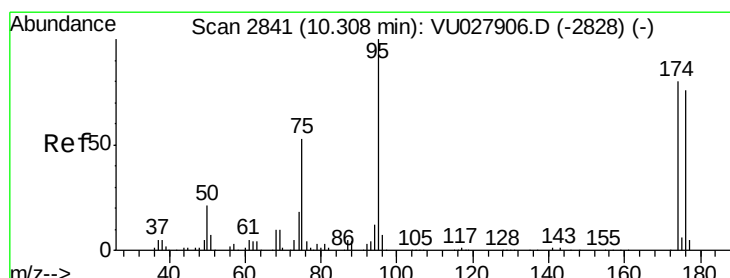
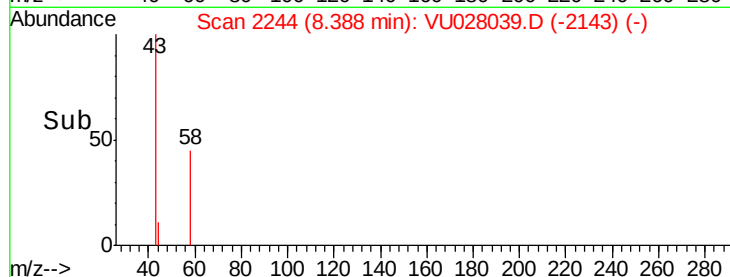
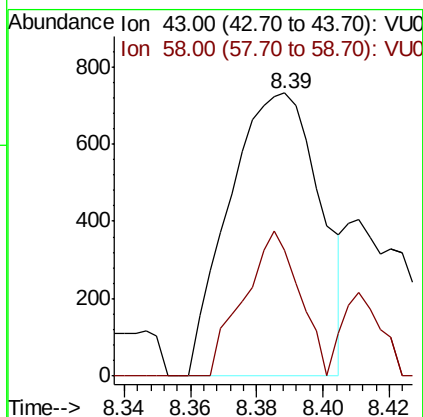
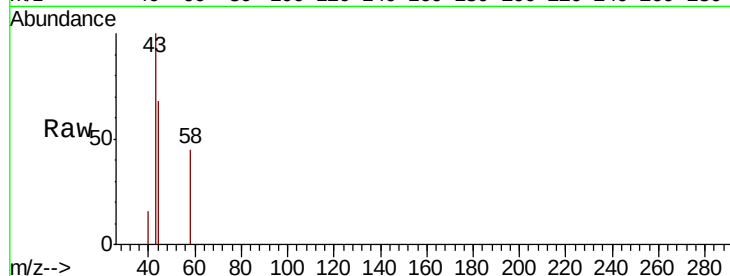




#59
2-Hexanone
Concen: 0.297 ug/l
RT: 8.39 min Scan# 2244
Delta R.T. 0.03 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

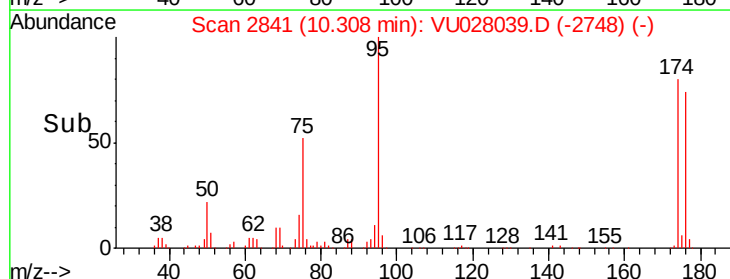
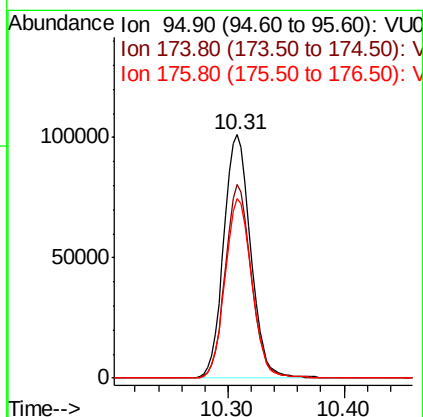
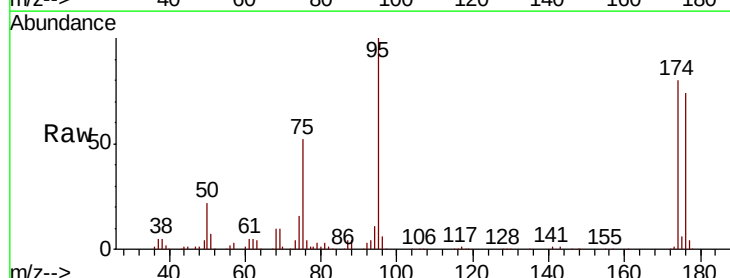
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

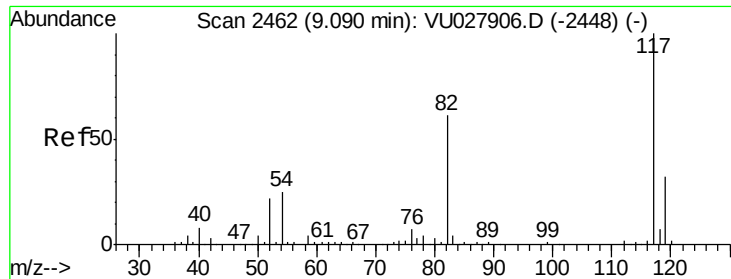
Tot Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 31.3 25.8 77.3



#62
4-Bromofluorobenzene
Concen: 47.832 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

Tgt Ion: 95 Resp: 162329
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.4
176 73.1 0.0 150.8

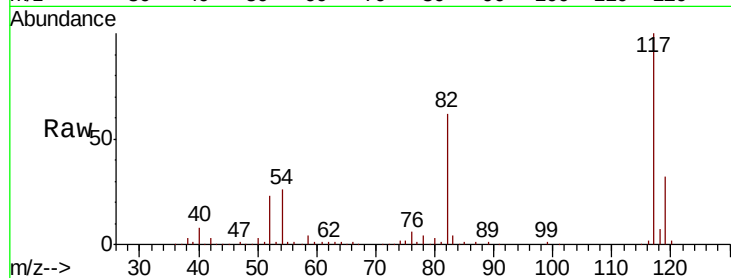




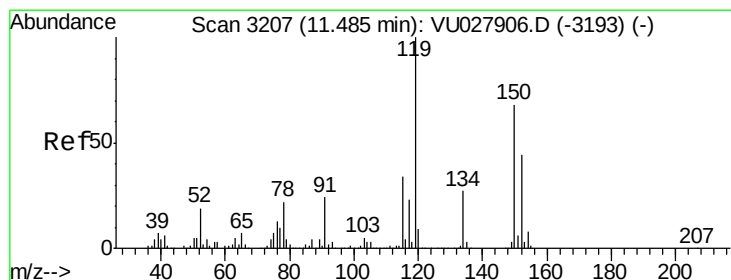
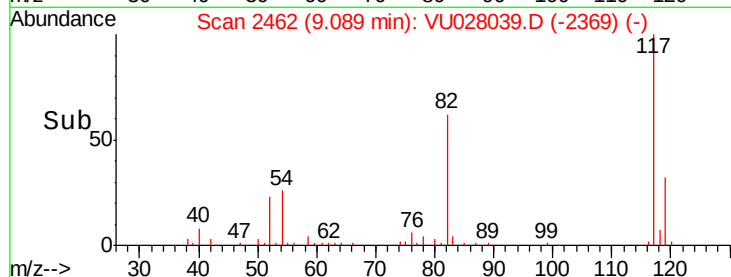
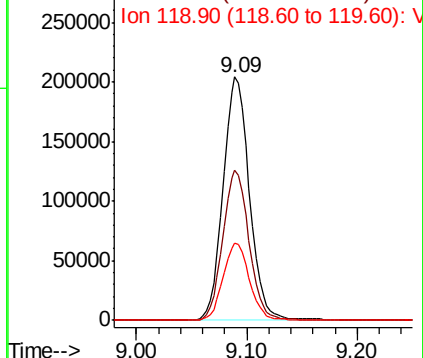
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 338167
Ion Ratio Lower Upper
117 100
82 61.7 48.6 73.0
119 31.6 25.8 38.8

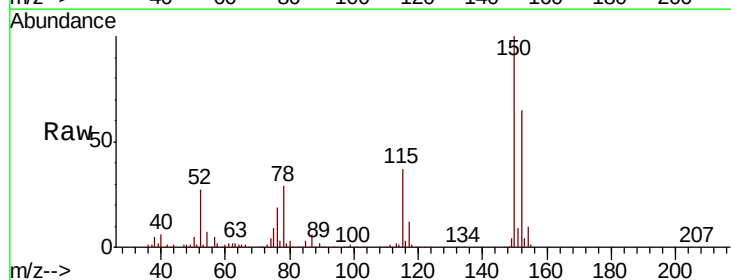


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

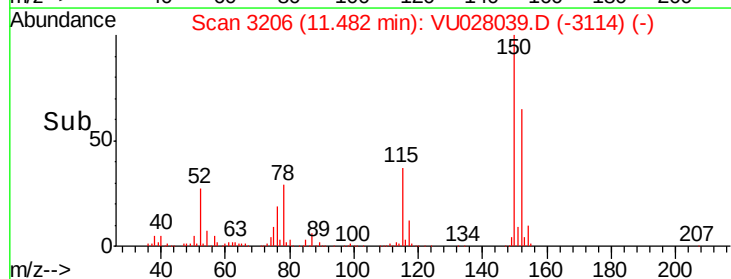
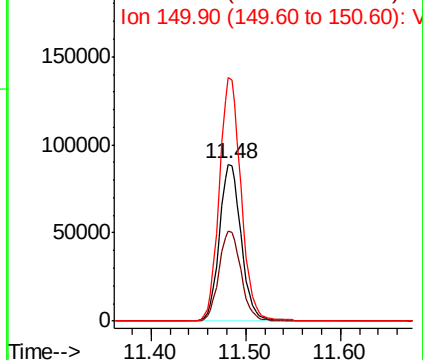


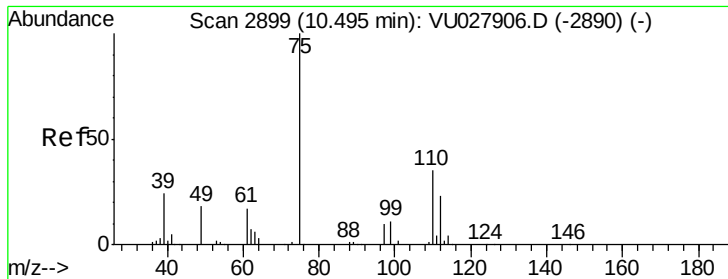
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028039.D
Acq: 09 Nov 2018 13:04

Tgt Ion:152 Resp: 142309
Ion Ratio Lower Upper
152 100
115 58.2 43.0 129.0
150 155.0 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





#76

1,2,3-Trichloropropane

Concen: 21.691 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

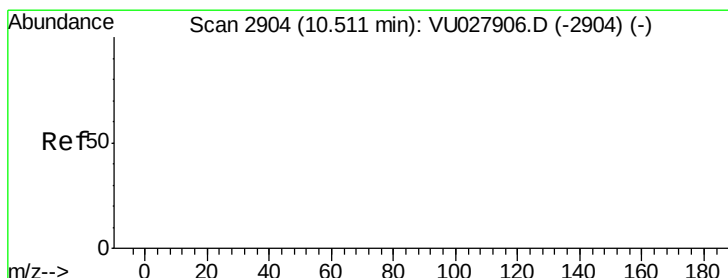
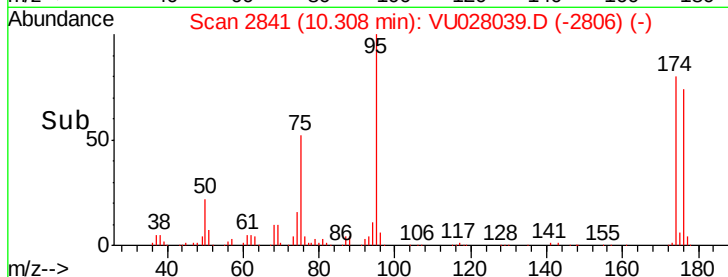
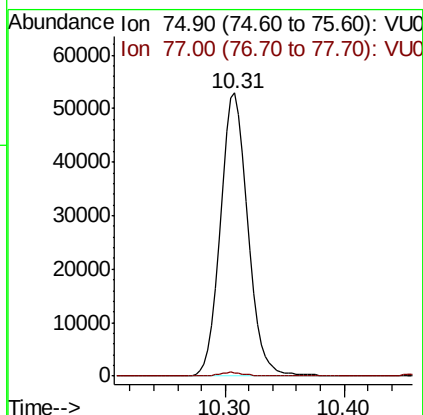
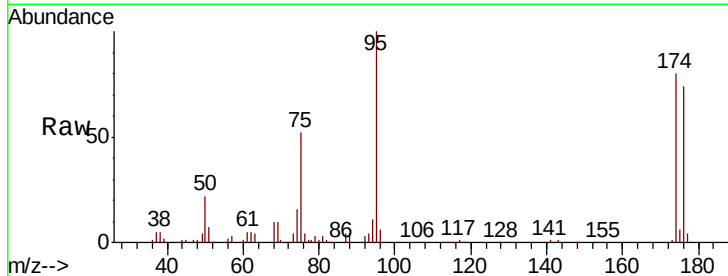
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Tot Ion: 75 Resp: 84435

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.137 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

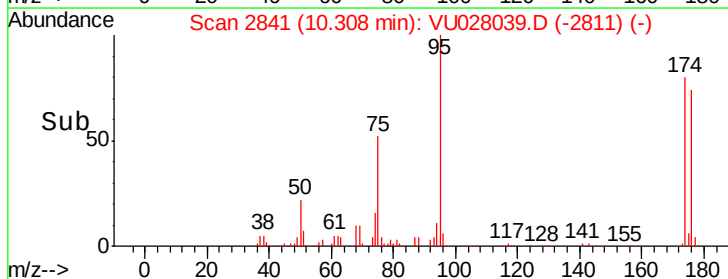
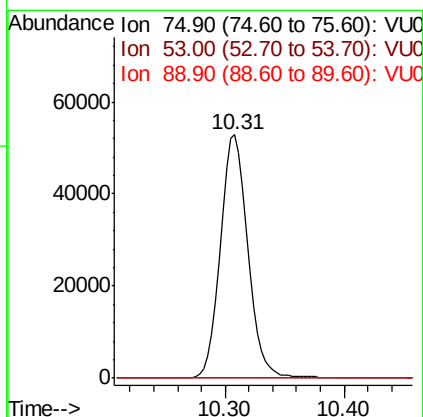
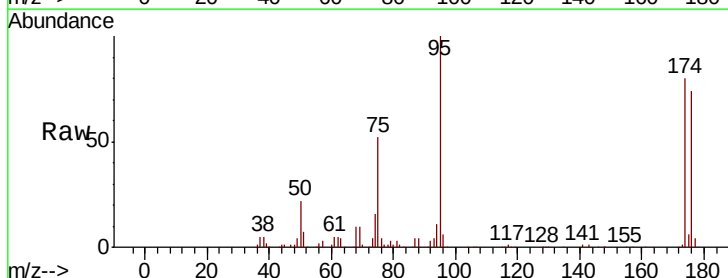
Tgt Ion: 75 Resp: 84435

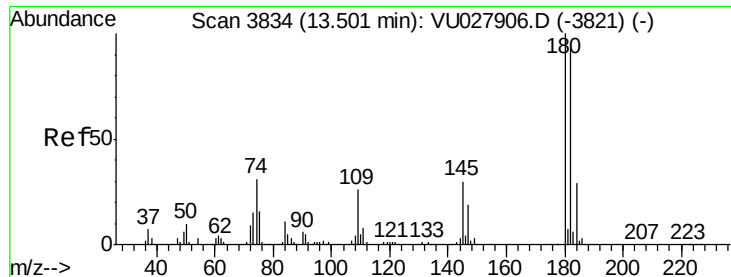
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#93

1,2,4-Trichlorobenzene

Concen: 0.931 ug/l

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU028039.D

Acq: 09 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

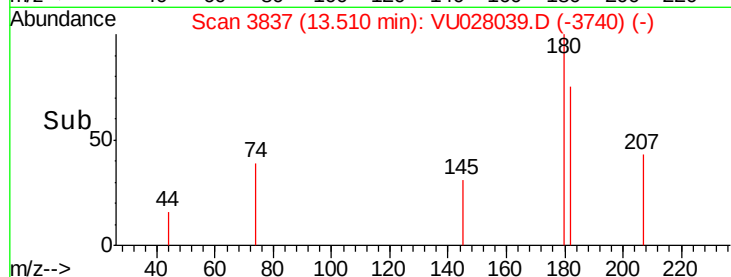
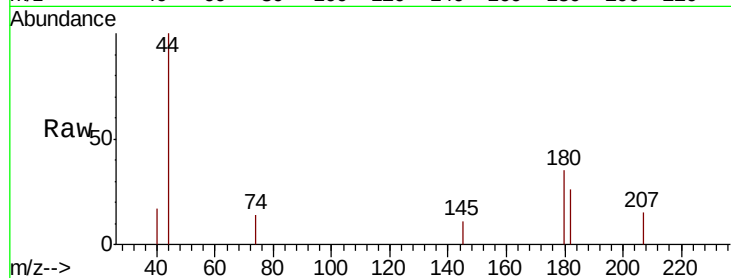
Tot Ion:180 Resp: 824

Ion Ratio Lower Upper

180 100

182 57.8 48.4 145.2

145 18.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

