

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028586.D
 Acq On : 11 Dec 2018 06:04
 Operator : MD/SY
 Sample : J6335-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP04-20181208

Quant Time: Dec 11 07:10:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150867	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53547	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	70593	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	
35) Dibromofluoromethane	4.88	113	51196	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
50) Toluene-d8	7.57	98	196366	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	10.30	95	65225	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

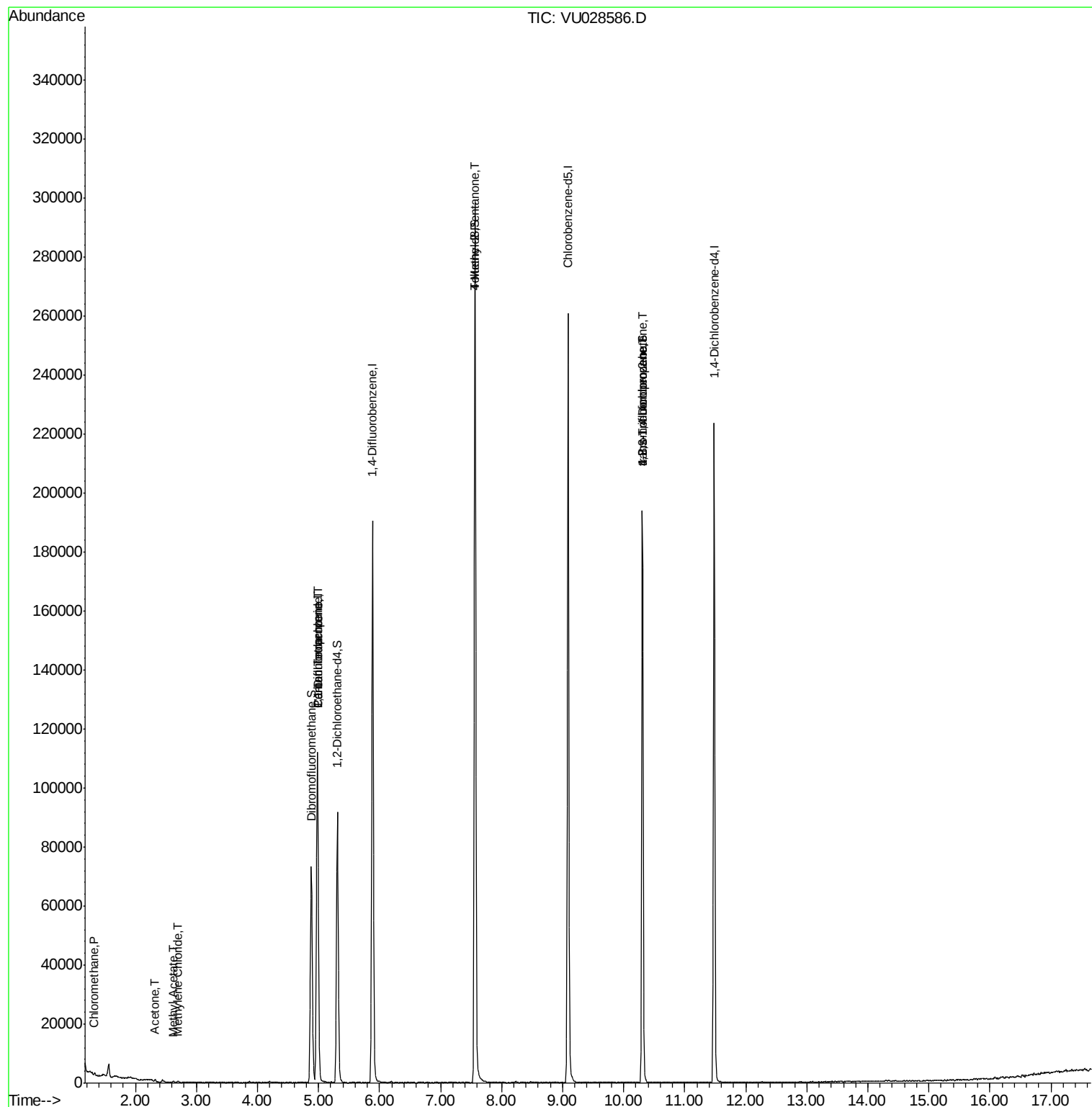
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1235	0.622	ug/l	98
16) Acetone	2.32	43	909	1.132	ug/l	96
18) Methyl Acetate	2.63	43	469	0.225	ug/l #	56
20) Methylene Chloride	2.71	84	251	0.212	ug/l #	62
31) Cyclohexane	4.98	56	2079	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7820	4.737	ug/l #	50
38) Carbon Tetrachloride	4.99	117	8207	6.168	ug/l #	14
51) 4-Methyl-2-Pentanone	7.57	43	1110	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	35004	25.600	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	35004	62.807	ug/l #	100

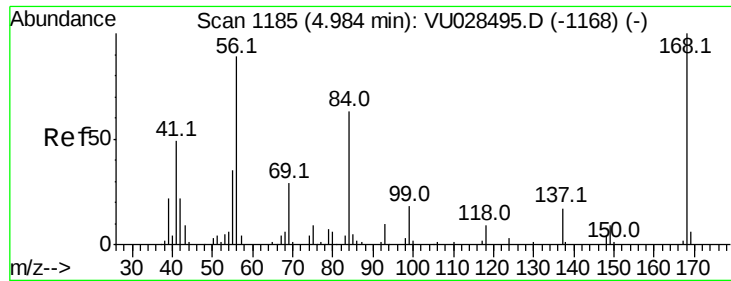
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028586.D
Acq On : 11 Dec 2018 06:04
Operator : MD/SY
Sample : J6335-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-DUP04-20181208

Quant Time: Dec 11 07:10:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

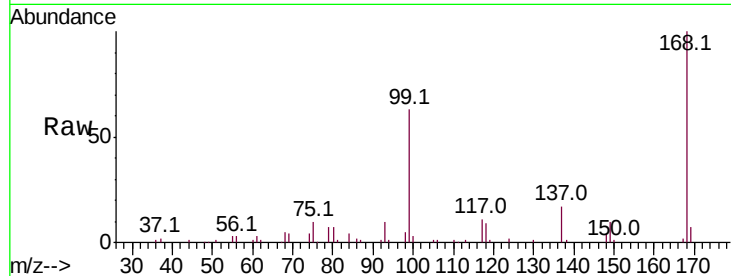
BP-DUP04-20181208

Tot Ion:168 Resp: 80638

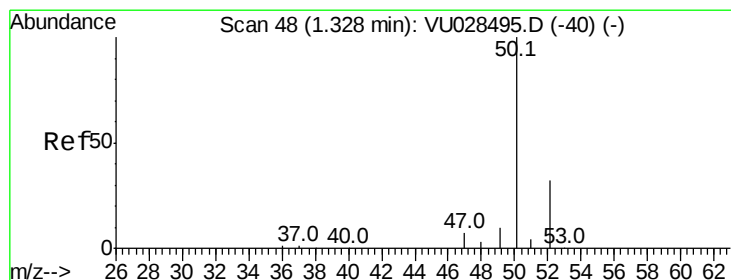
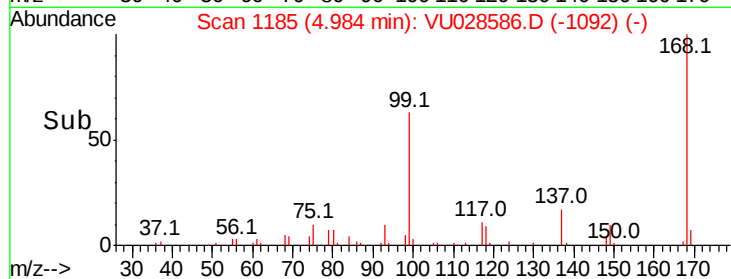
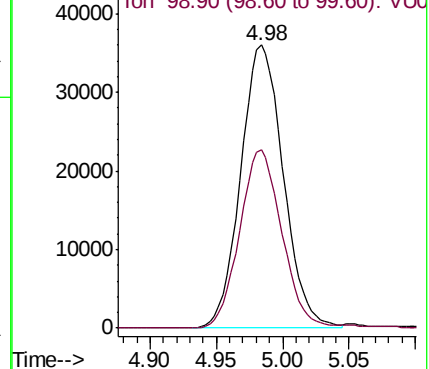
Ion Ratio Lower Upper

168 100

99 62.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.622 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028586.D

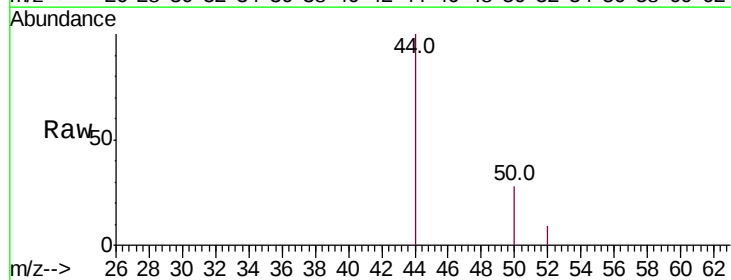
Acq: 11 Dec 2018 06:04

Tgt Ion: 50 Resp: 1235

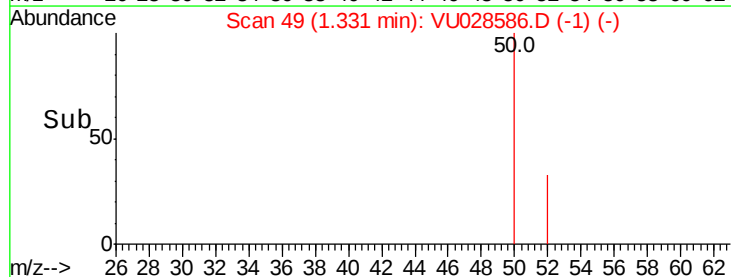
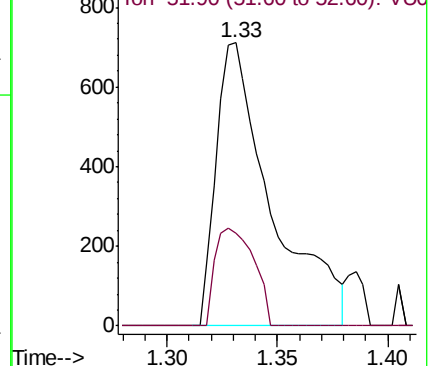
Ion Ratio Lower Upper

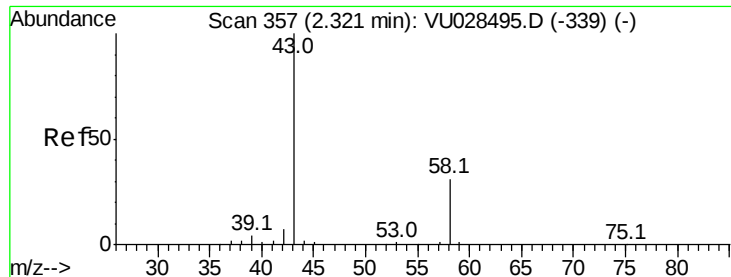
50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)





#16

Acetone

Concen: 1.132 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

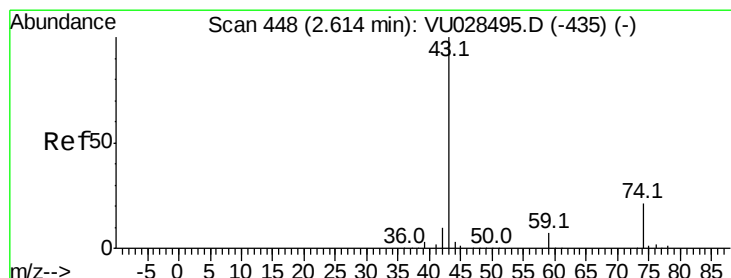
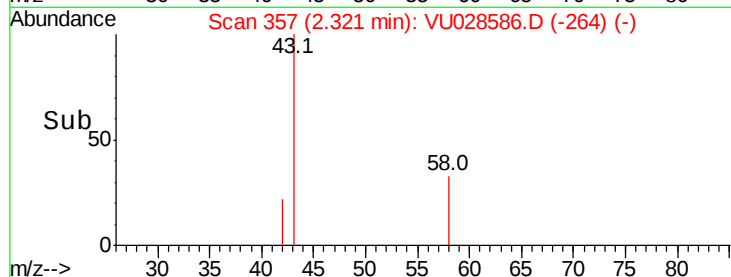
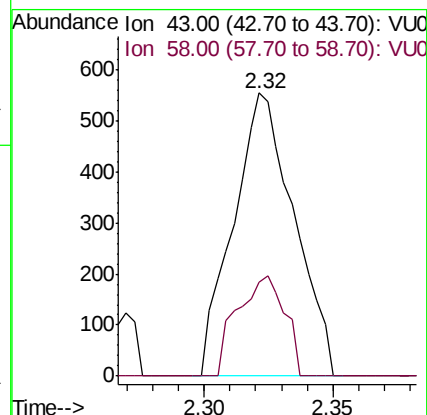
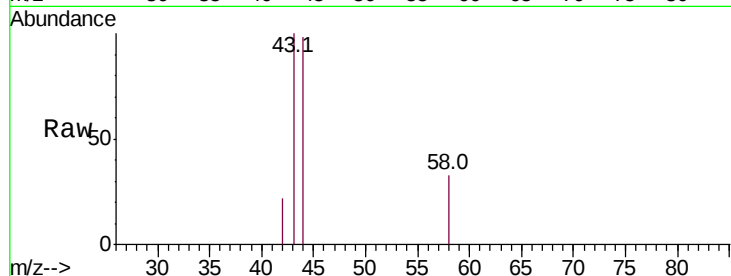
BP-DUP04-20181208

Tot Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

58 33.2 24.6 37.0



#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028586.D

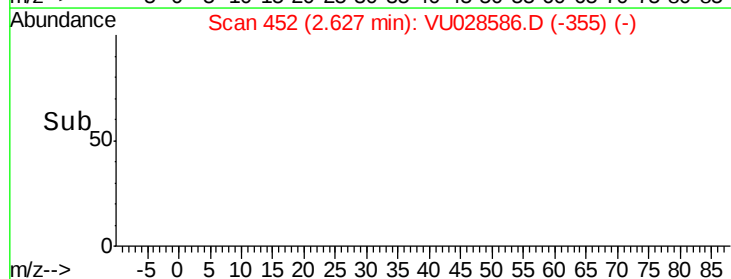
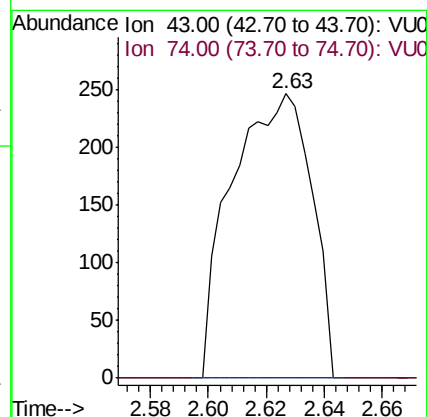
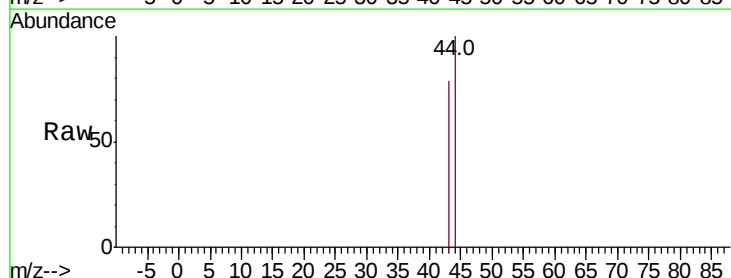
Acq: 11 Dec 2018 06:04

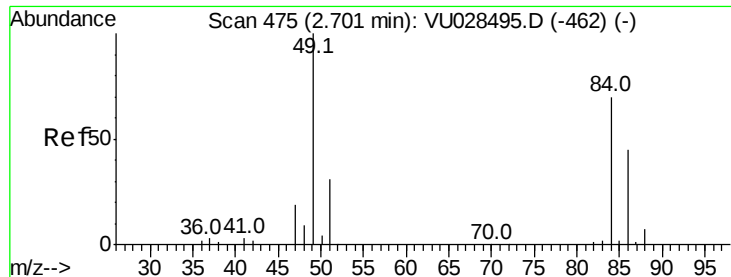
Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#

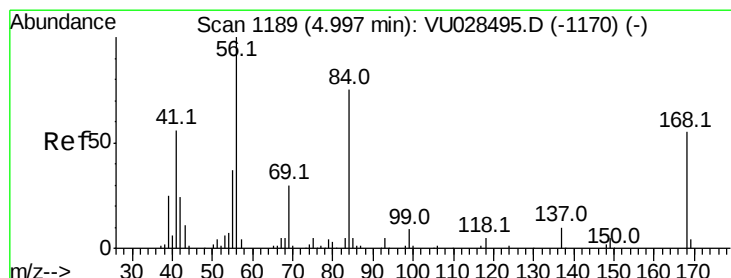
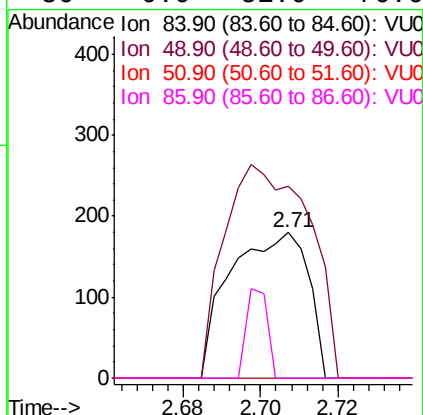
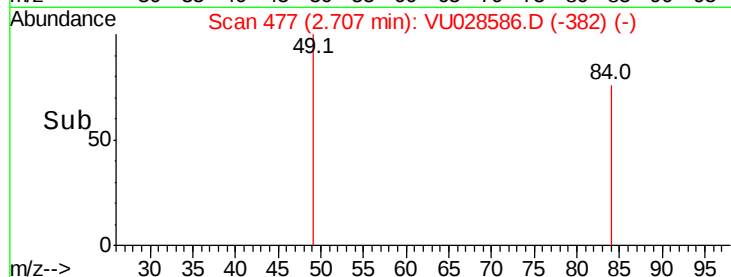
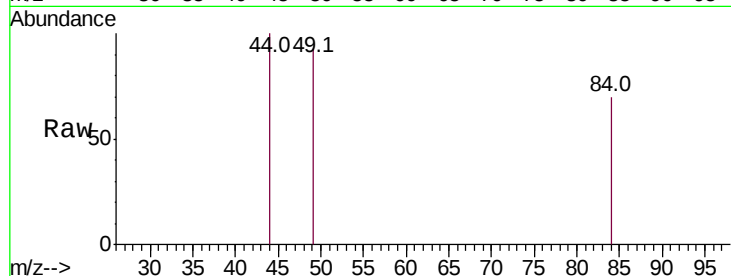




#20
Methvlene Chloride
Concen: 0.212 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028586.D
Acq: 11 Dec 2018 06:04

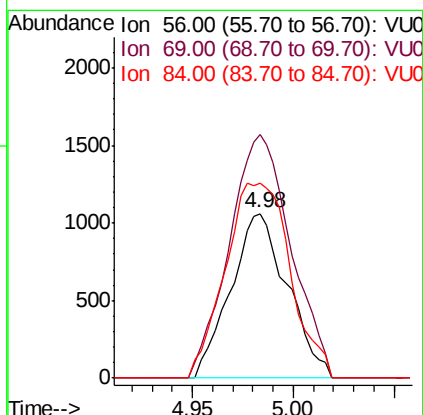
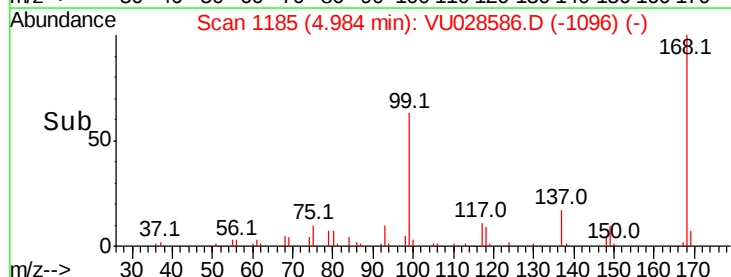
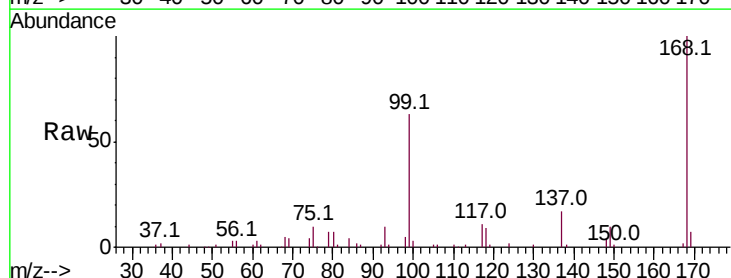
Instrument :
MSVOA_U
ClientSampleId :
BP-DUP04-20181208

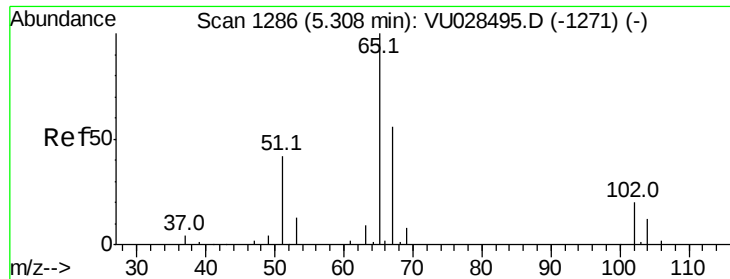
Tot Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 131.7 114.0 171.0
51 0.0 35.1 52.7#
86 0.0 51.0 76.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028586.D
Acq: 11 Dec 2018 06:04

Tgt Ion: 56 Resp: 2079
Ion Ratio Lower Upper
56 100
69 147.8 24.0 36.0#
84 118.7 59.7 89.5#

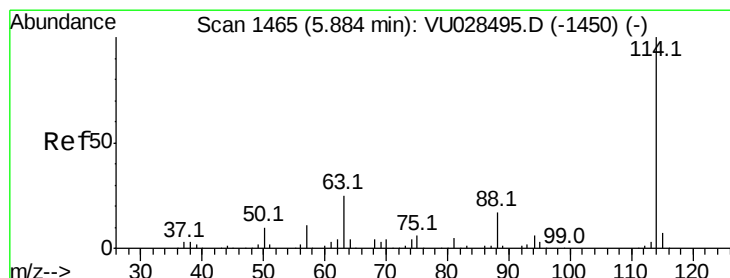
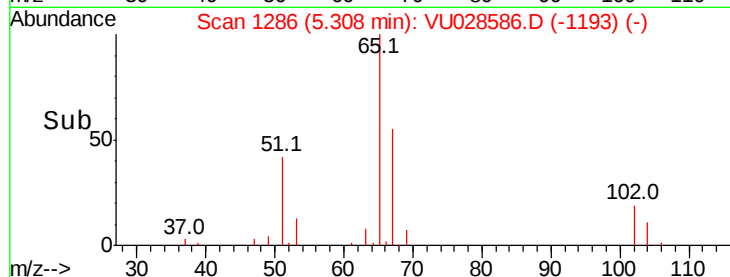
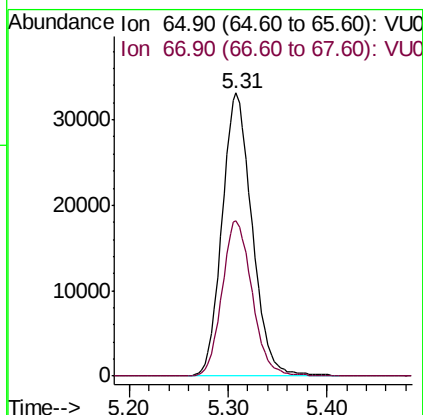
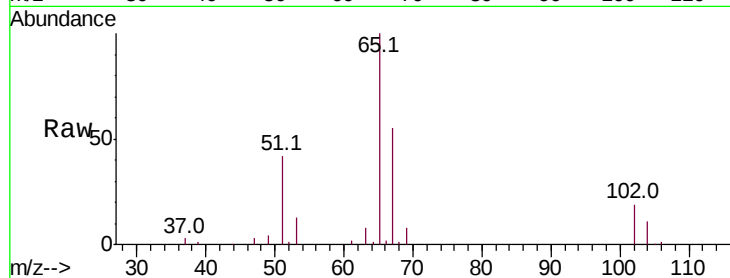




#33
 1,2-Dichloroethane-d4
 Concen: 57.365 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028586.D
 Acq: 11 Dec 2018 06:04

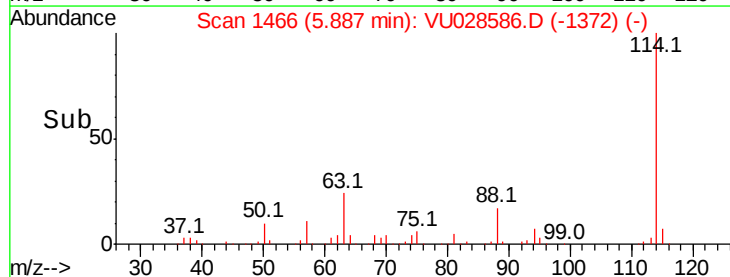
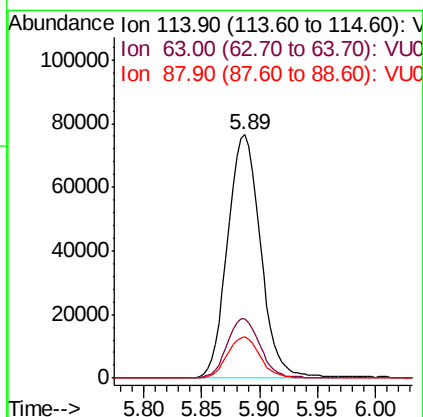
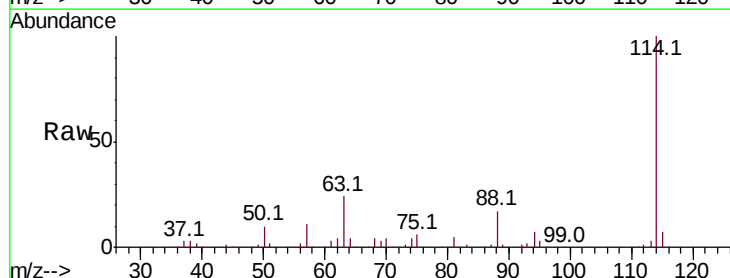
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP04-20181208

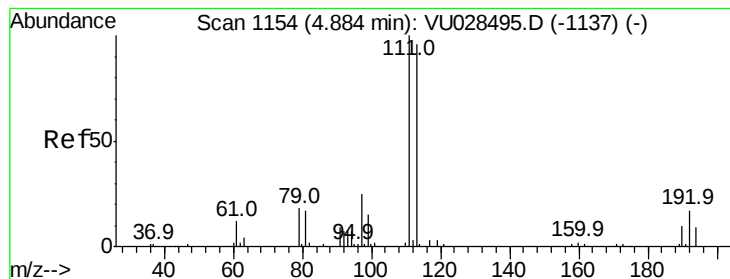
Tot Ion: 65 Resp: 70593
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028586.D
 Acq: 11 Dec 2018 06:04

Tgt Ion: 114 Resp: 150867
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.924 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP04-20181208

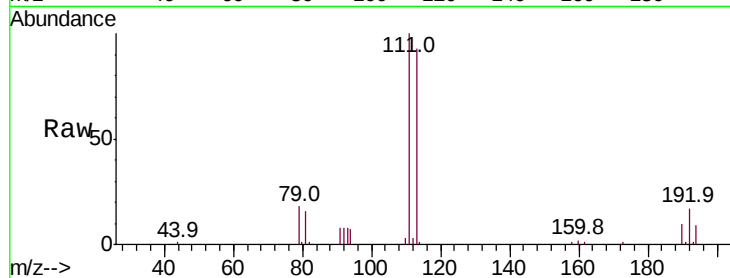
Tot Ion:113 Resp: 51196

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.0

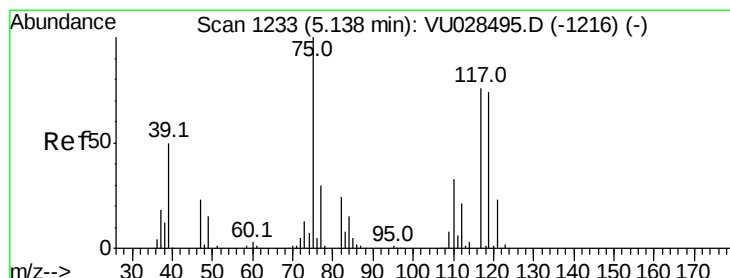
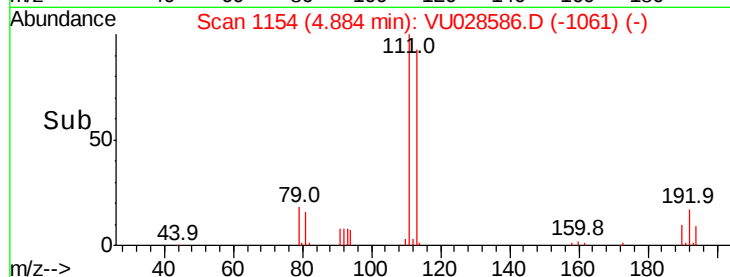
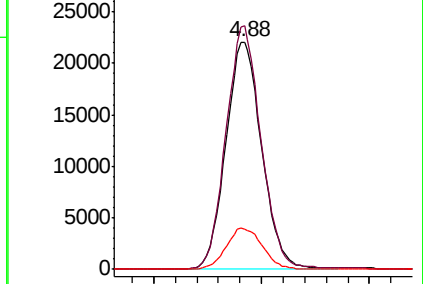
192 18.1 14.8 22.2



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: 4.737 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

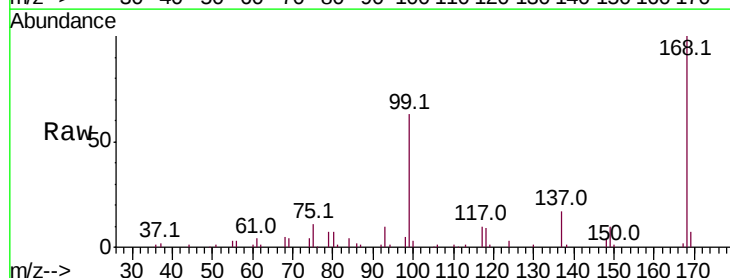
Tgt Ion: 75 Resp: 7820

Ion Ratio Lower Upper

75 100

110 7.3 16.1 48.2#

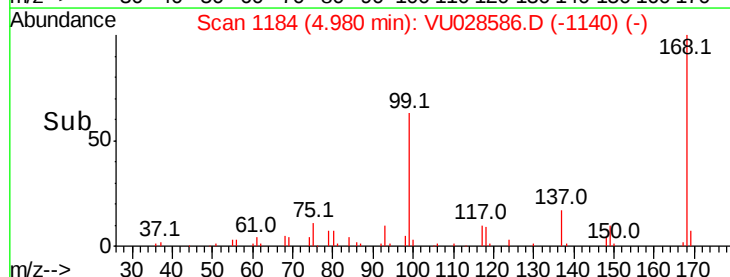
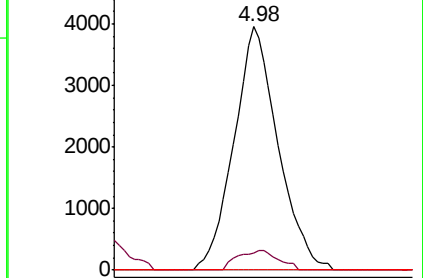
77 0.0 24.5 36.7#

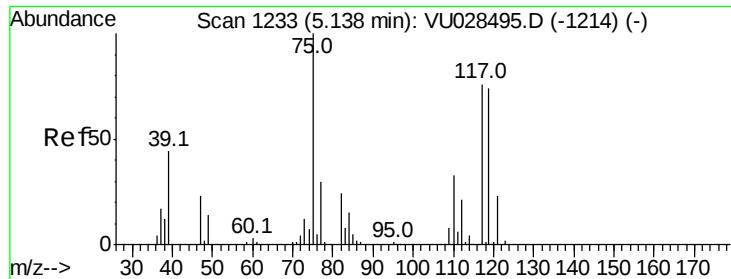


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.168 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP04-20181208

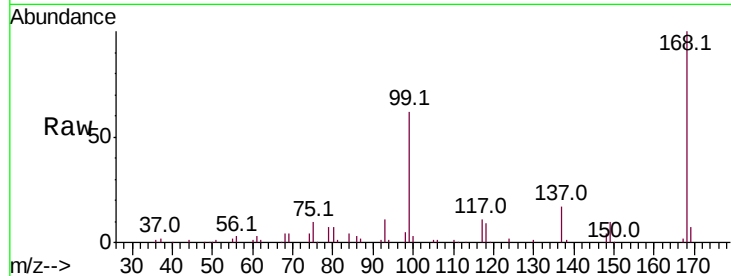
Tot Ion:117 Resp: 8207

Ion Ratio Lower Upper

117 100

119 3.5 77.6 116.4#

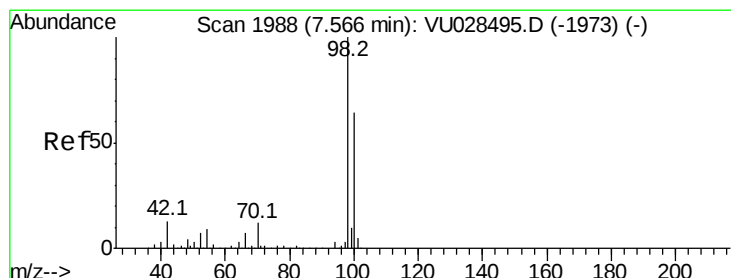
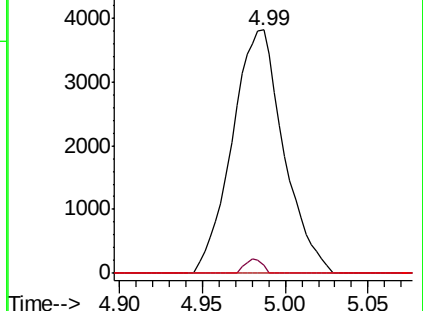
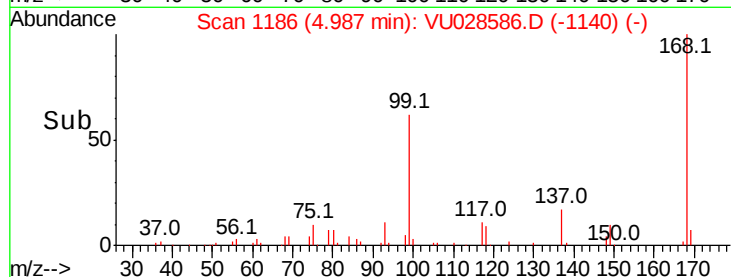
121 0.0 24.6 36.8#



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: 52.284 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028586.D

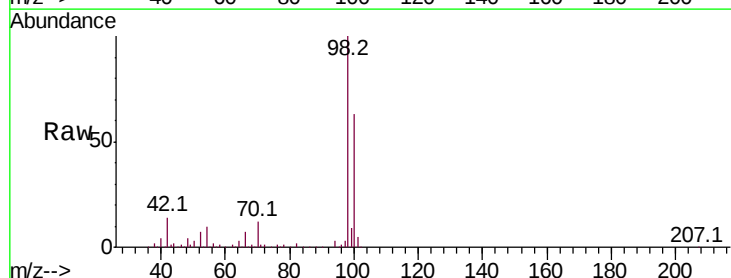
Acq: 11 Dec 2018 06:04

Tgt Ion: 98 Resp: 196366

Ion Ratio Lower Upper

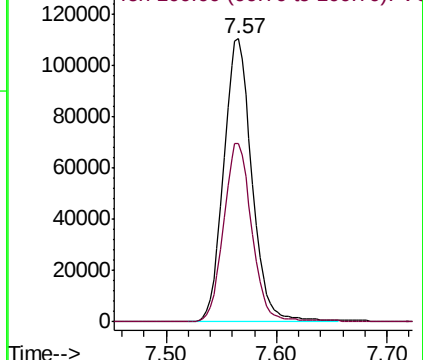
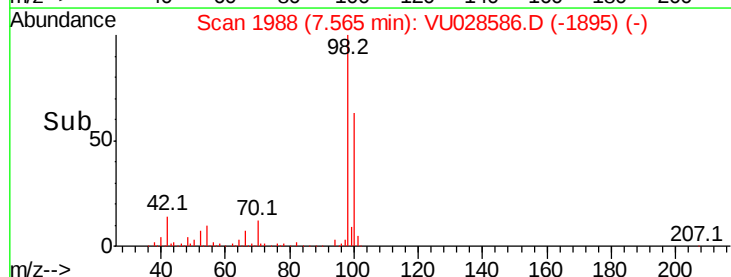
98 100

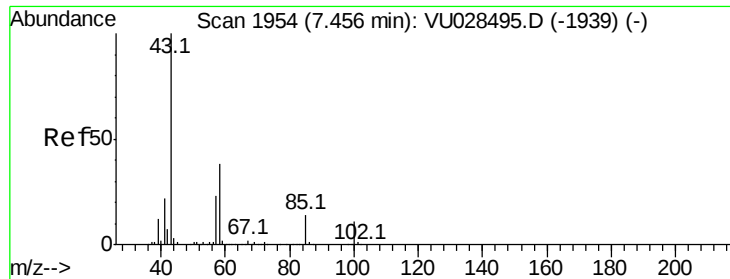
100 63.3 51.0 76.6



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: 0.521 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

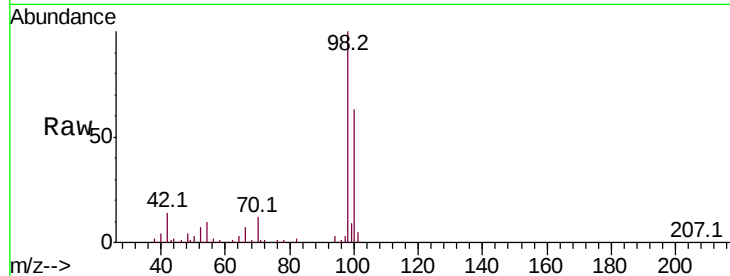
BP-DUP04-20181208

Tot Ion: 43 Resp: 1110

Ion Ratio Lower Upper

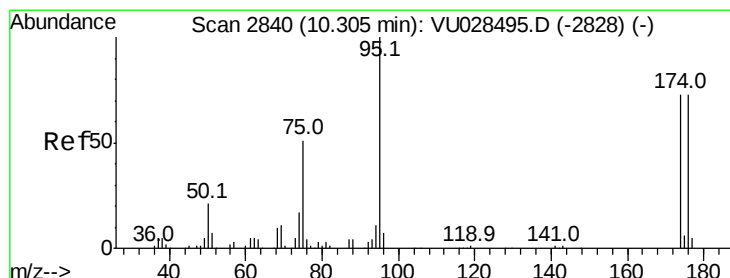
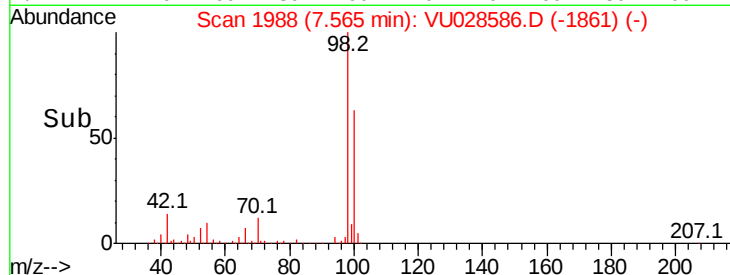
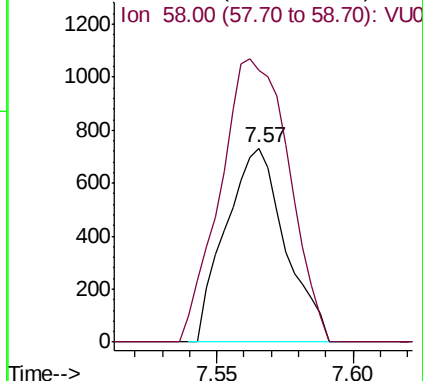
43 100

58 168.7 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.465 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

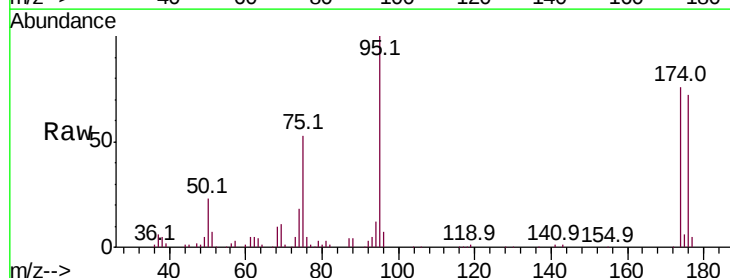
Tgt Ion: 95 Resp: 65225

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.4

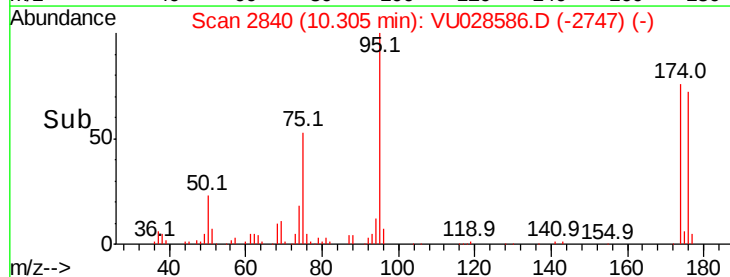
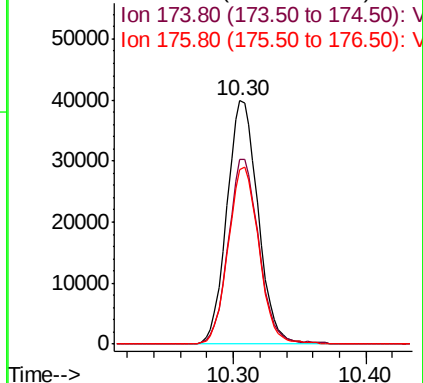
176 71.8 0.0 145.2

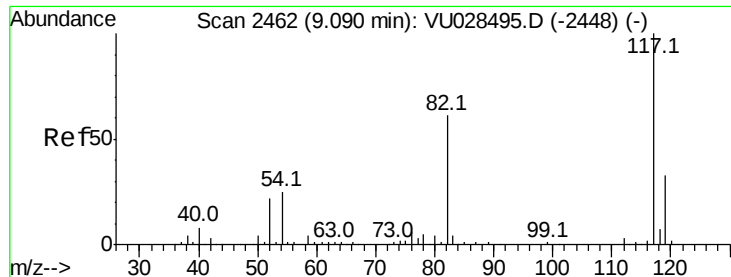


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

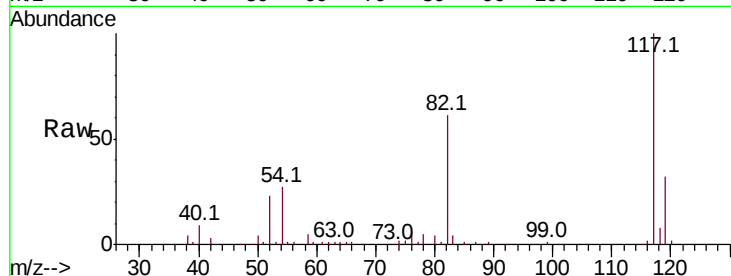




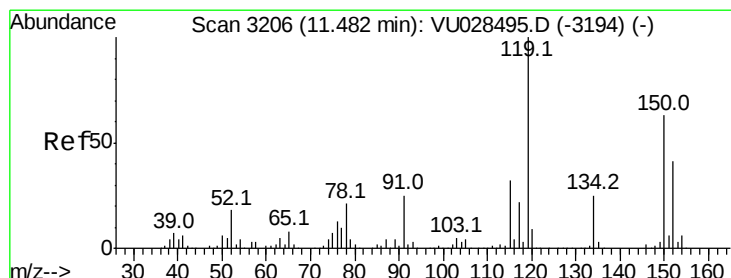
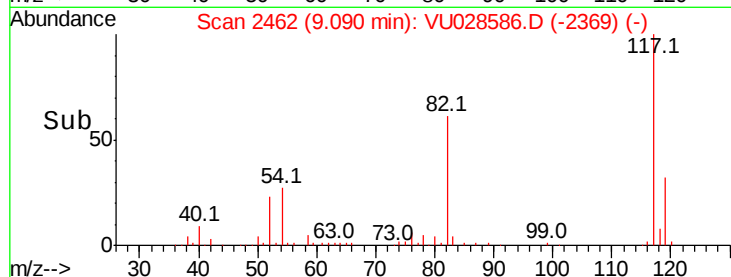
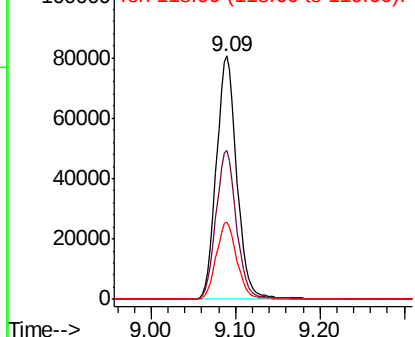
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028586.D
Acq: 11 Dec 2018 06:04

Instrument :
MSVOA_U
ClientSampleId :
BP-DUP04-20181208

Tot Ion:117 Resp: 136367
Ion Ratio Lower Upper
117 100
82 61.1 48.9 73.3
119 31.7 26.2 39.4

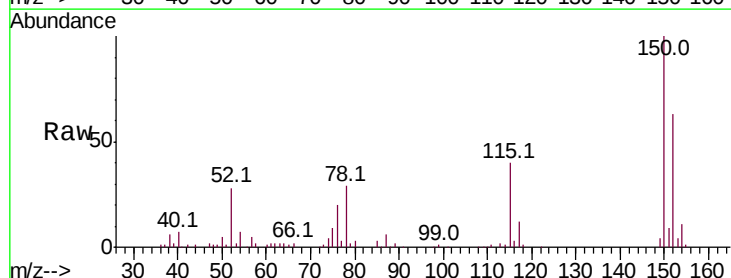


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

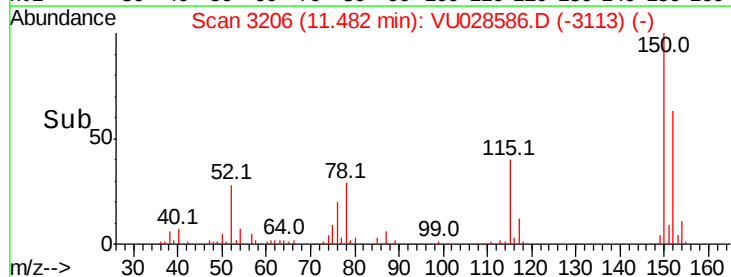
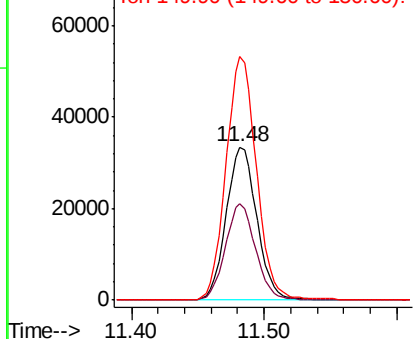


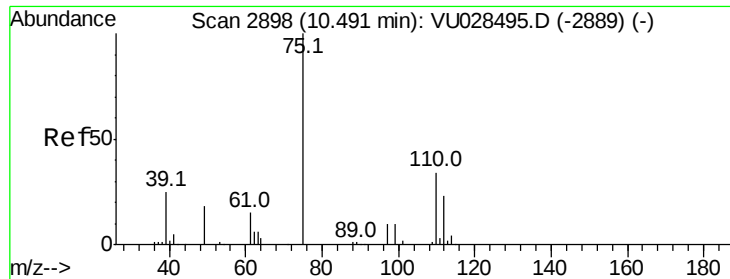
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028586.D
Acq: 11 Dec 2018 06:04

Tgt Ion:152 Resp: 53547
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 158.2 0.0 346.0



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: 25.600 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

Instrument :

MSVOA_U

ClientSampleId :

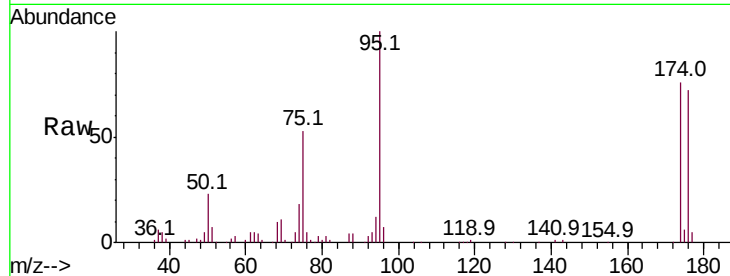
BP-DUP04-20181208

Tot Ion: 75 Resp: 35004

Ion Ratio Lower Upper

75 100

77 1.2 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

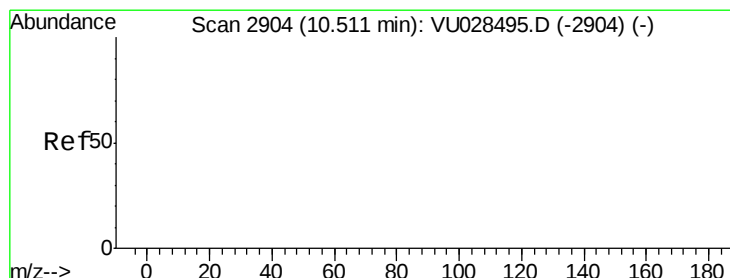
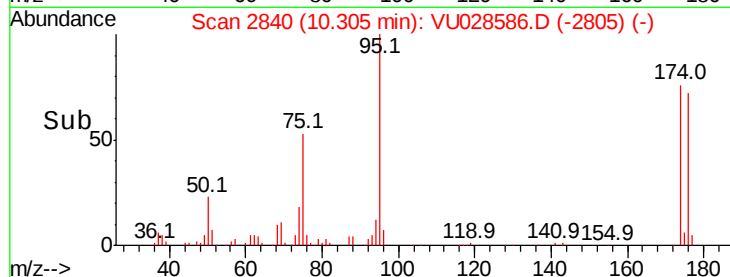
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 62.807 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028586.D

Acq: 11 Dec 2018 06:04

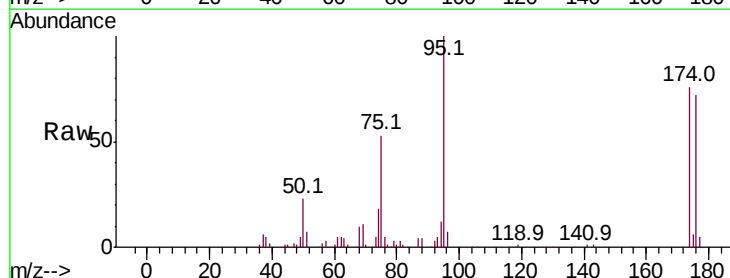
Tgt Ion: 75 Resp: 35004

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

25000

20000

15000

10000

5000

0

10.25 10.30 10.35 10.40

Time-->

