

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028658.D
 Acq On : 12 Dec 2018 17:35
 Operator : MD/SY
 Sample : J6343-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Quant Time: Dec 13 00:49:49 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	88488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56438	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	71718	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	4.88	113	54625	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	
50) Toluene-d8	7.56	98	203868	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	10.31	95	67397	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

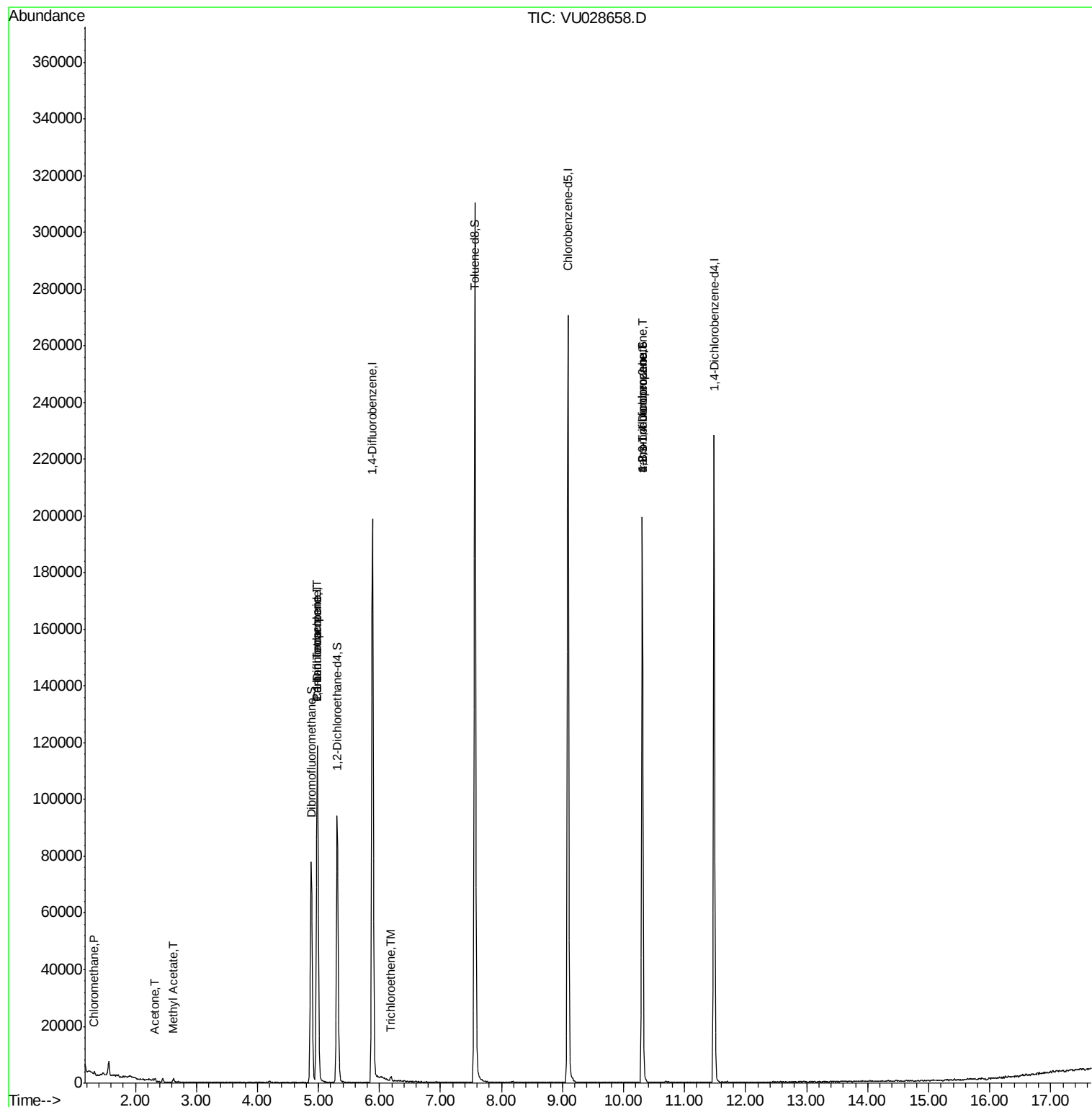
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1083	0.497	ug/l	92
16) Acetone	2.32	43	1327	1.506	ug/l	95
18) Methyl Acetate	2.62	43	1985	0.869	ug/l #	82
31) Cyclohexane	4.98	56	2046	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7547	4.347	ug/l #	50
38) Carbon Tetrachloride	4.99	117	8884	6.348	ug/l #	16
44) Trichloroethene	6.19	130	558	0.491	ug/l	63
76) 1,2,3-Trichloropropane	10.31	75	35604	24.705	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	35604	60.629	ug/l #	100

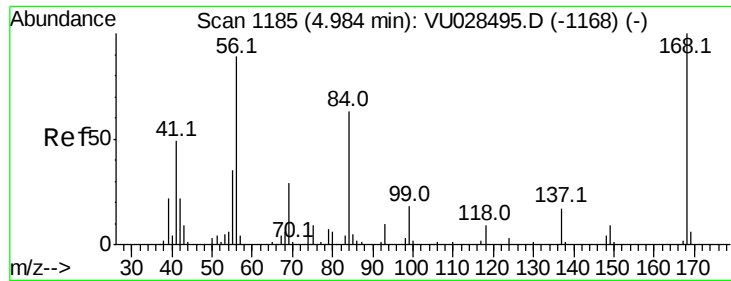
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPS1-TT-MW310S-20181209

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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: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

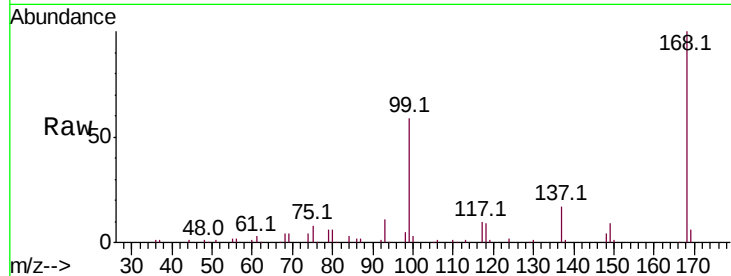
BPS1-TT-MW310S-20181209

Tot Ion:168 Resp: 88488

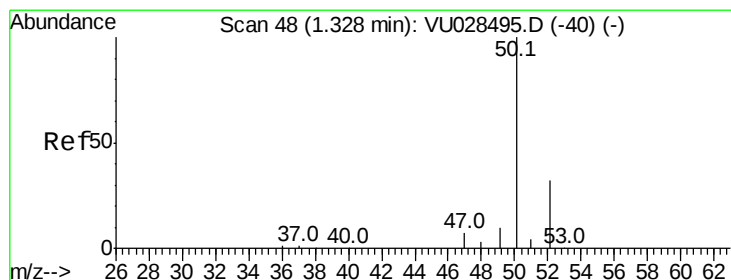
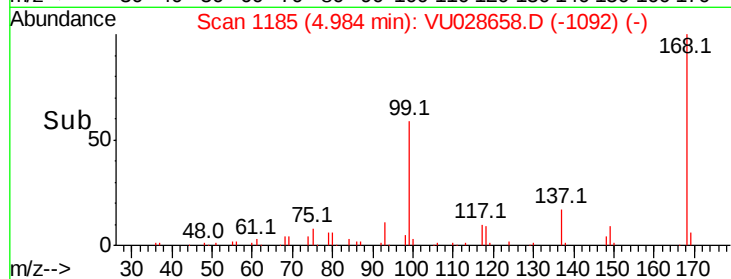
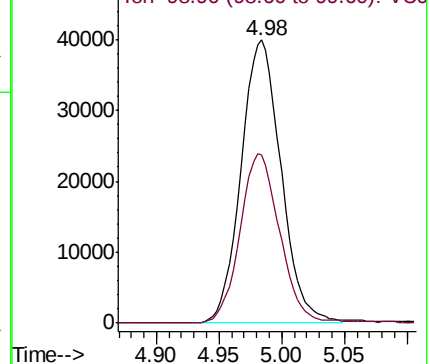
Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



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



#3

Chloromethane

Concen: 0.497 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028658.D

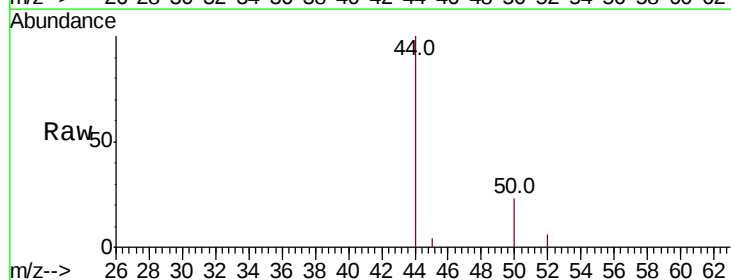
Acq: 12 Dec 2018 17:35

Tgt Ion: 50 Resp: 1083

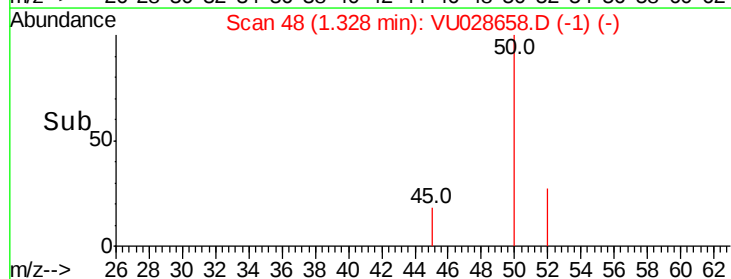
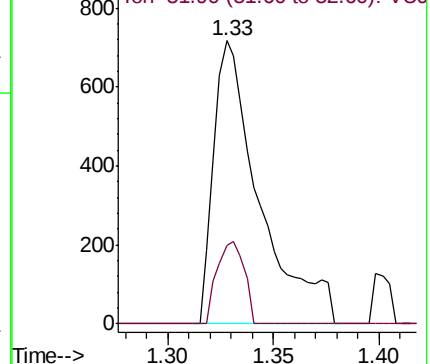
Ion Ratio Lower Upper

50 100

52 27.5 25.5 38.3



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





#16

Acetone

Concen: 1.506 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

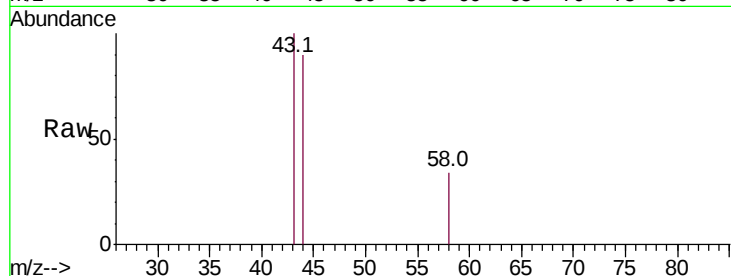
BPS1-TT-MW310S-20181209

Tot Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 33.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

800

600

400

200

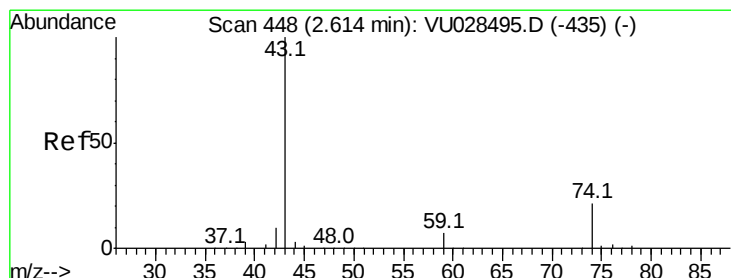
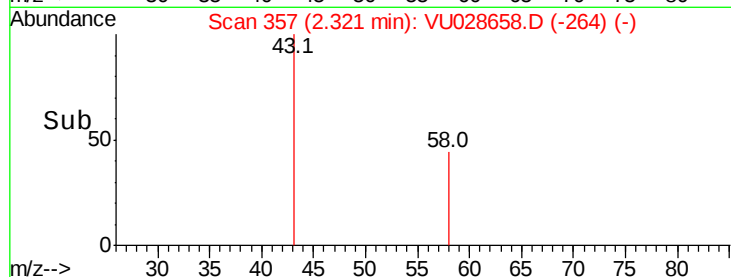
0

2.30

2.32

2.35

Time-->



#18

Methyl Acetate

Concen: 0.869 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028658.D

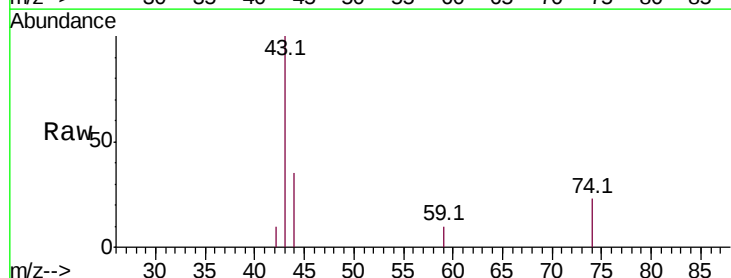
Acq: 12 Dec 2018 17:35

Tgt Ion: 43 Resp: 1985

Ion Ratio Lower Upper

43 100

74 12.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

1000

800

600

400

200

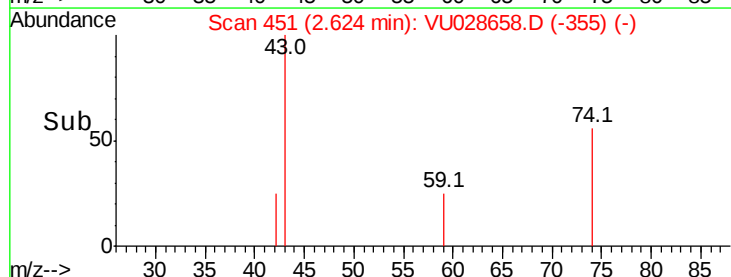
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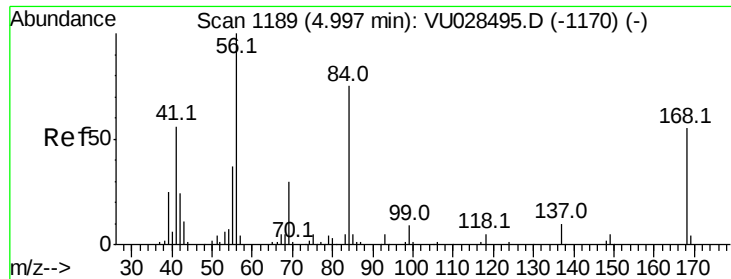
2.60

2.62

2.65

Time-->

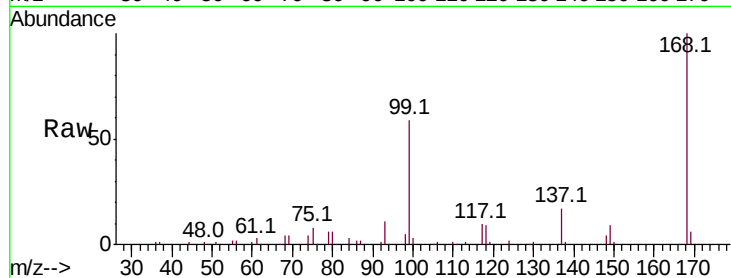




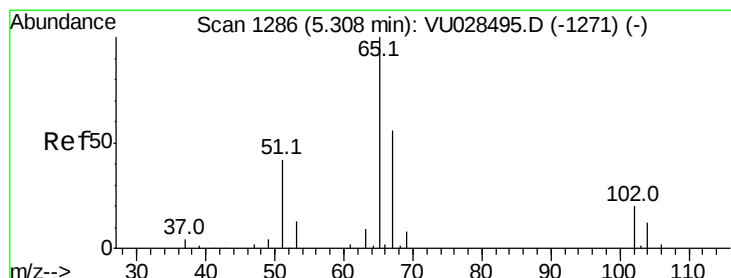
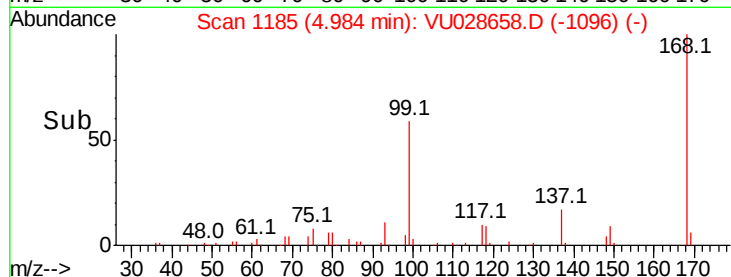
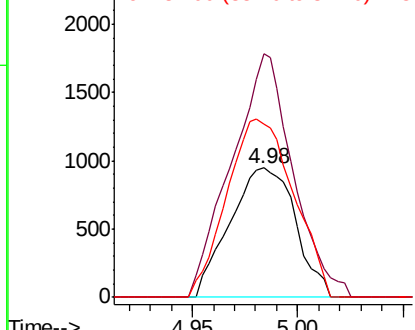
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW310S-20181209

Tot Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 188.4 24.0 36.0#
84 133.7 59.7 89.5#

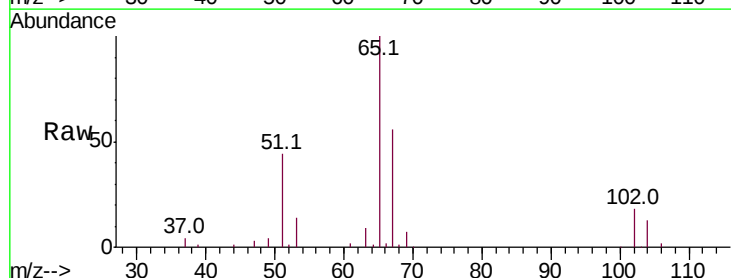


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

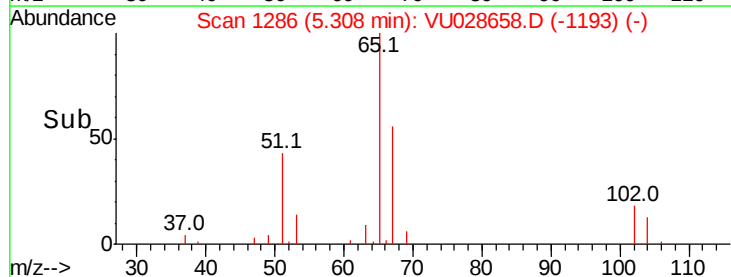
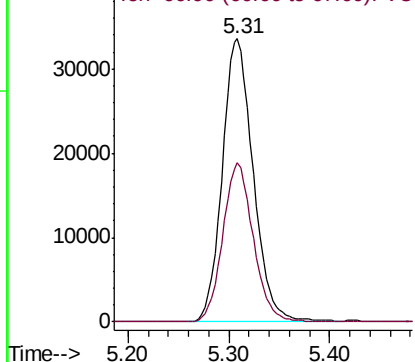


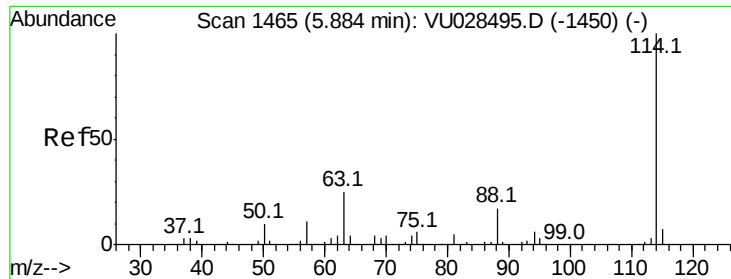
#33
1,2-Dichloroethane-d4
Concen: 53.109 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

Tgt Ion: 65 Resp: 71718
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6



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

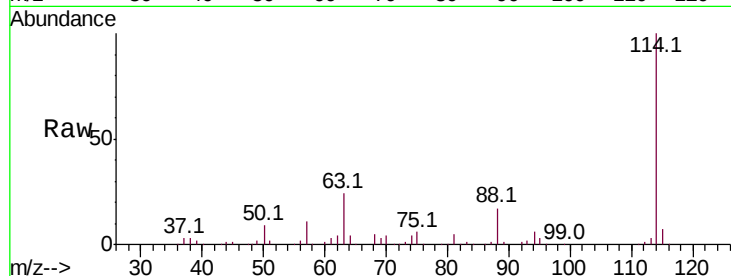




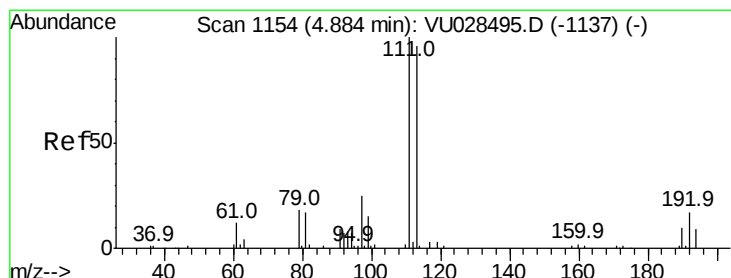
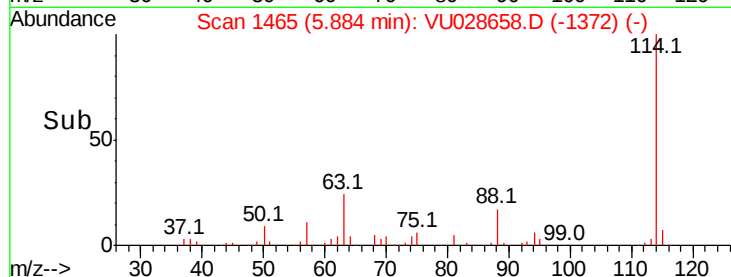
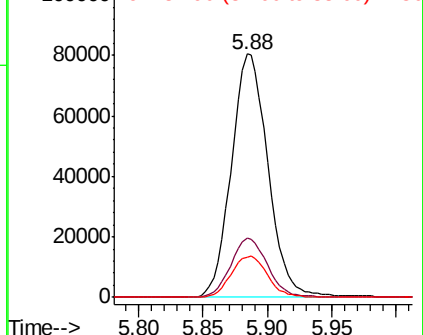
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028658.D
 Acq: 12 Dec 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	16.7	0.0	33.4

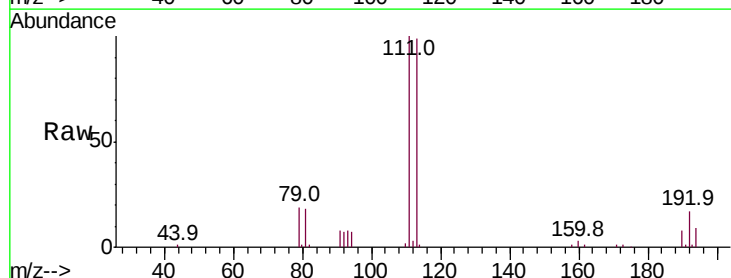


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

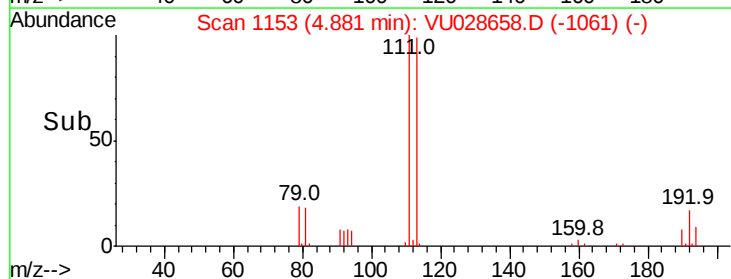
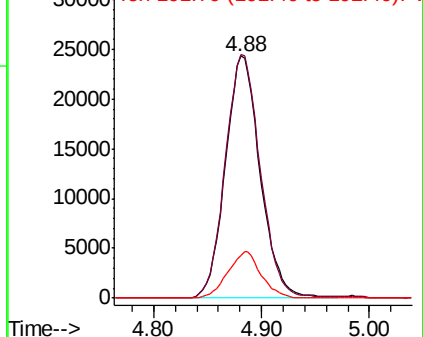


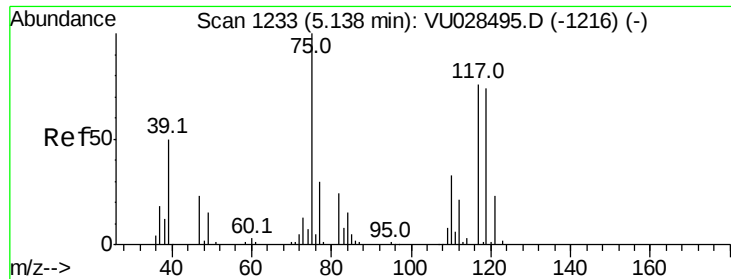
#35
 Dibromofluoromethane
 Concen: 54.705 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028658.D
 Acq: 12 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.4	125.0
192	18.3	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

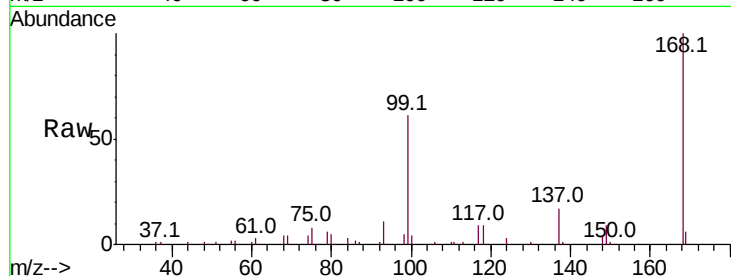




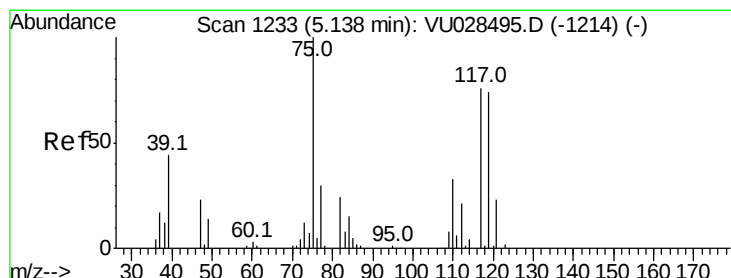
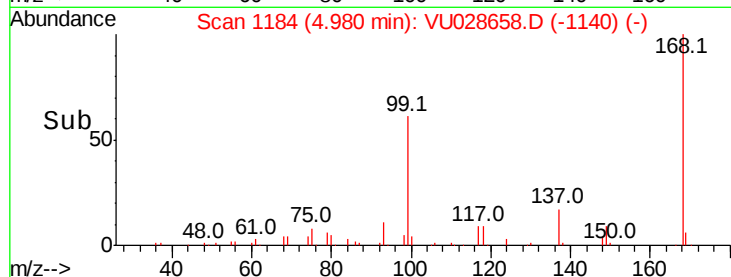
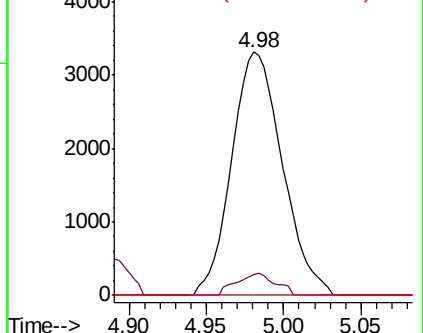
#36
 1,1-Dichloropropene
 Concen: 4.347 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028658.D
 Acq: 12 Dec 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Tot Ion: 75 Resp: 7547
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.1 48.2#
 77 0.0 24.5 36.7#

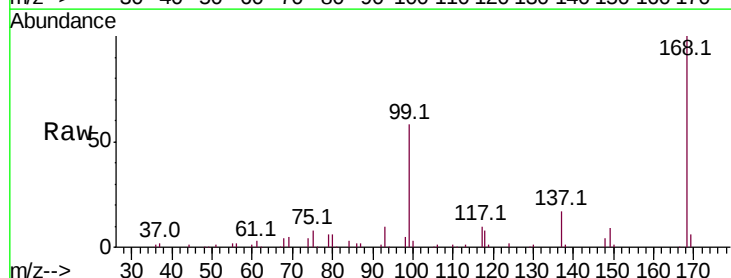


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

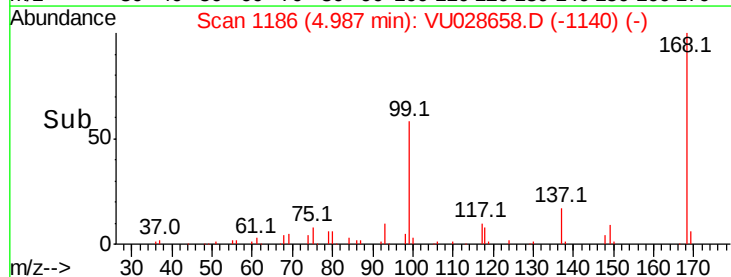
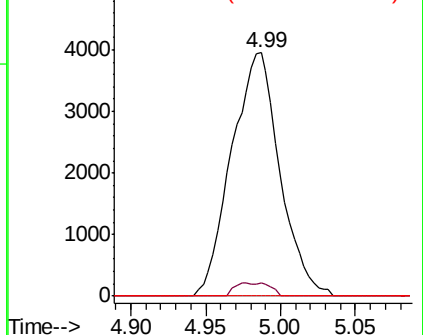


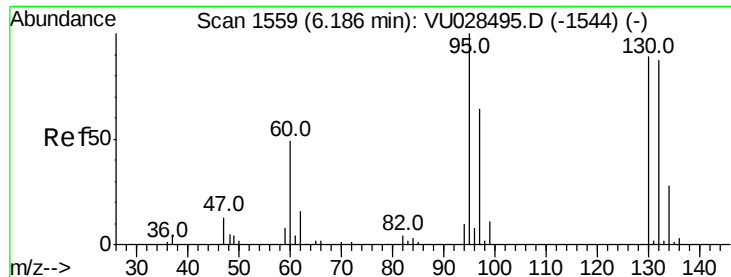
#38
 Carbon Tetrachloride
 Concen: 6.348 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028658.D
 Acq: 12 Dec 2018 17:35

Tgt Ion: 117 Resp: 8884
 Ion Ratio Lower Upper
 117 100
 119 5.3 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





#44

Trichloroethene

Concen: 0.491 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

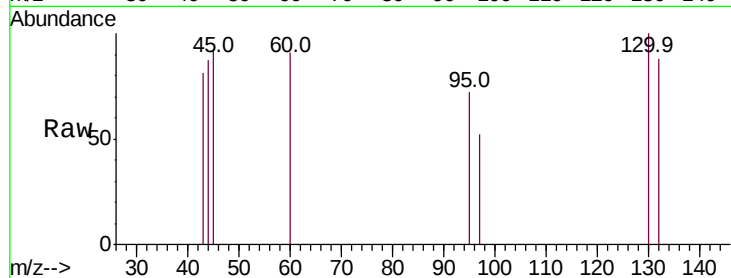
BPS1-TT-MW310S-20181209

Tot Ion:130 Resp: 558

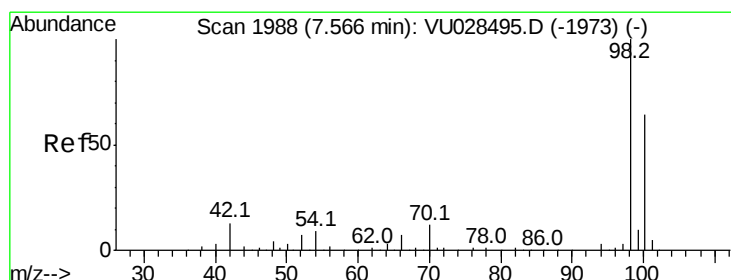
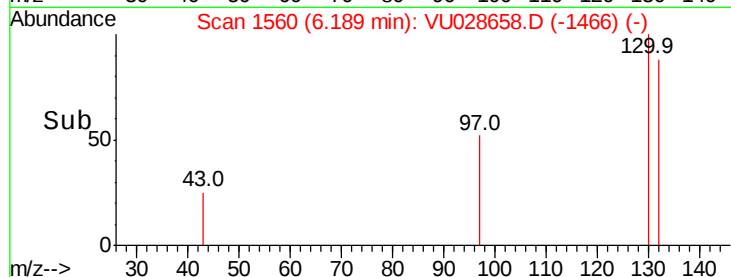
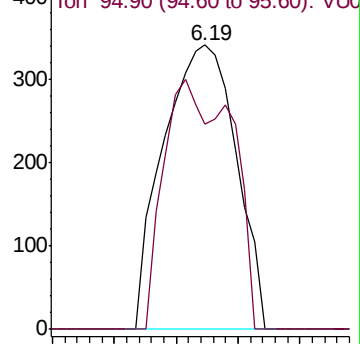
Ion Ratio Lower Upper

130 100

95 72.2 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028658.D (-1466) (-)



#50

Toluene-d8

Concen: 51.612 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028658.D

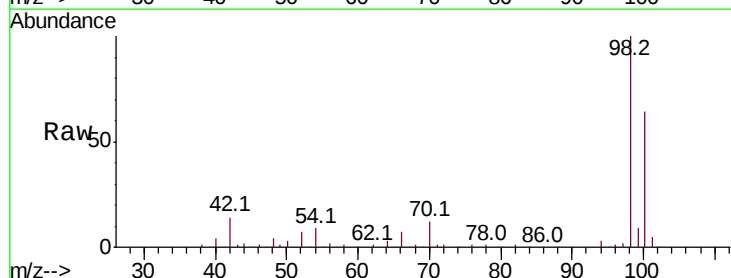
Acq: 12 Dec 2018 17:35

Tgt Ion: 98 Resp: 203868

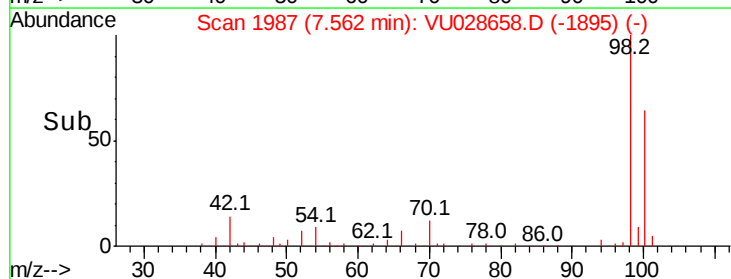
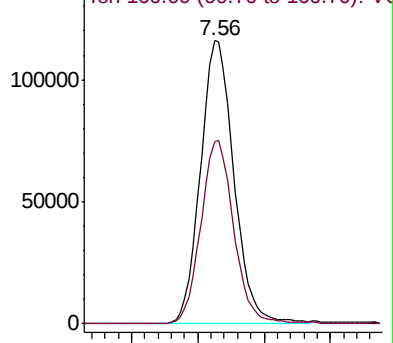
Ion Ratio Lower Upper

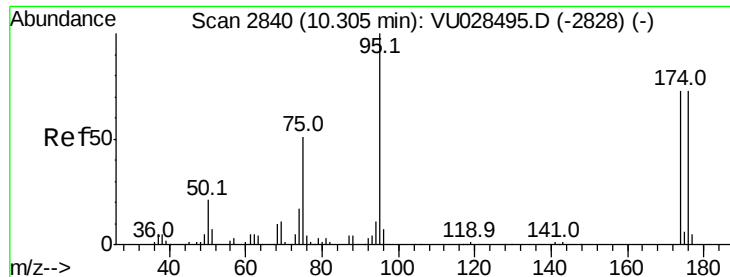
98 100

100 64.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028658.D (-1895) (-)

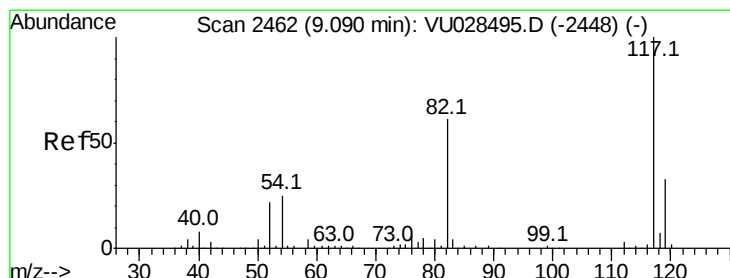
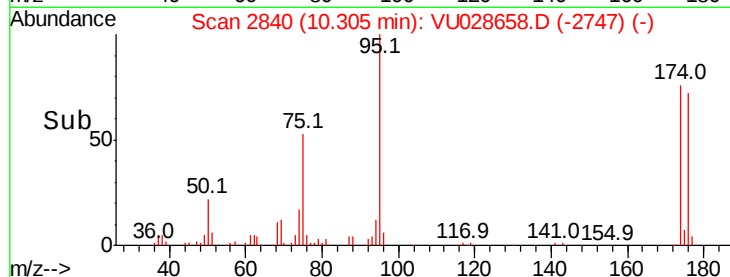
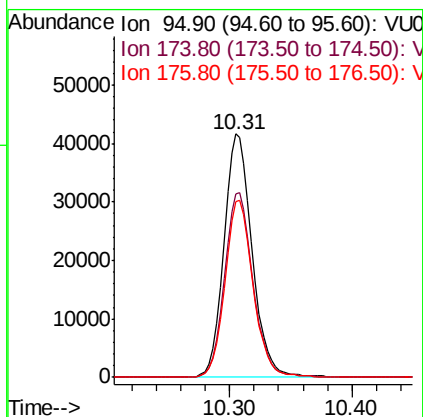
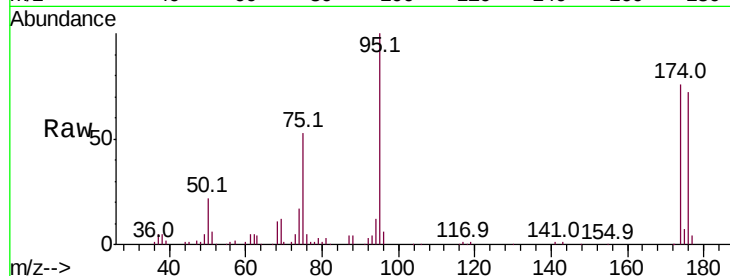




#62
4-Bromofluorobenzene
Concen: 45.650 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

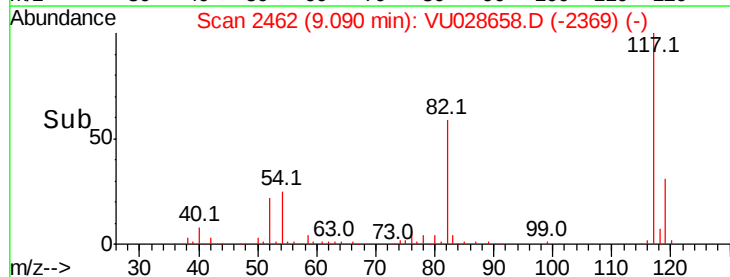
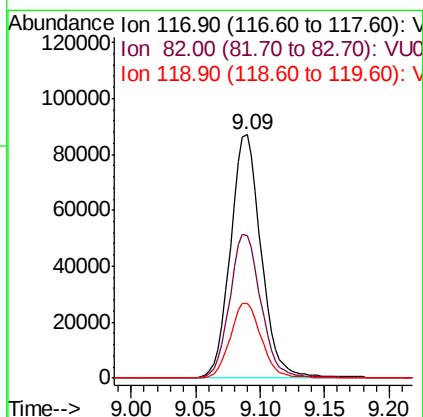
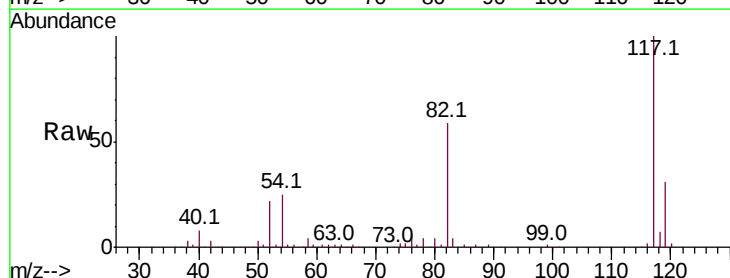
Instrument :
MSVOA_U
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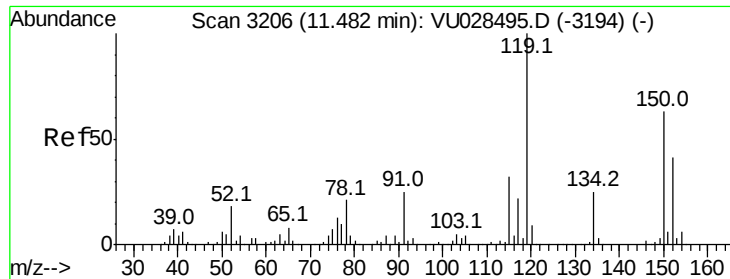
Tot Ion: 95 Resp: 67397
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 72.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028658.D
Acq: 12 Dec 2018 17:35

Tgt Ion: 117 Resp: 144020
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 30.8 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW310S-20181209

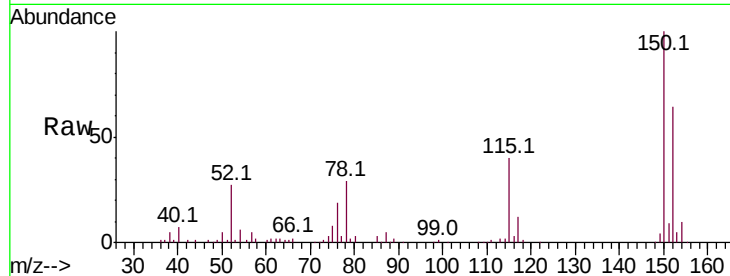
Tot Ion:152 Resp: 56438

Ion Ratio Lower Upper

152 100

115 61.4 42.7 128.1

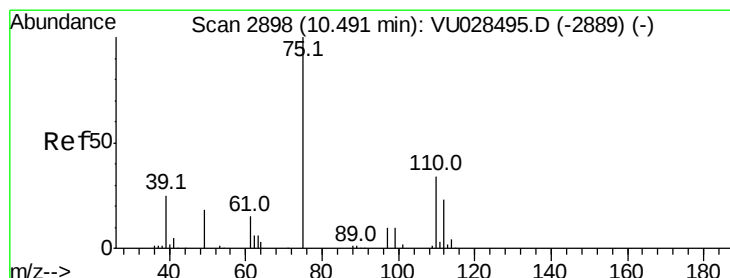
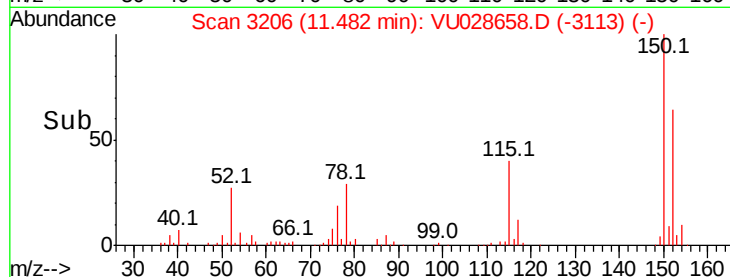
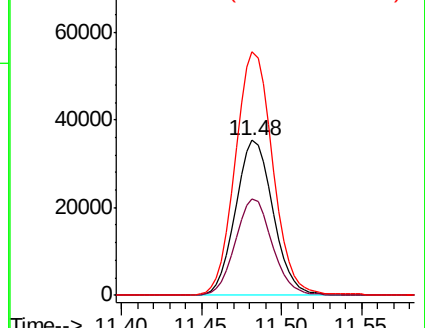
150 156.7 0.0 346.0



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: 24.705 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028658.D

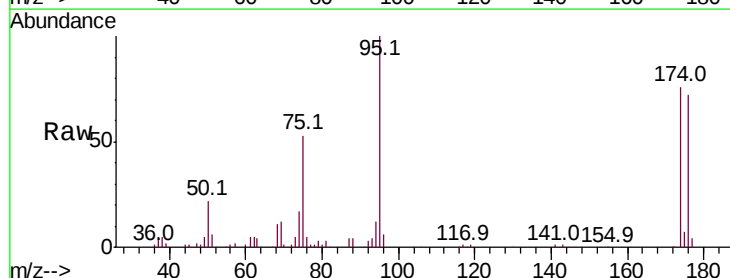
Acq: 12 Dec 2018 17:35

Tgt Ion: 75 Resp: 35604

Ion Ratio Lower Upper

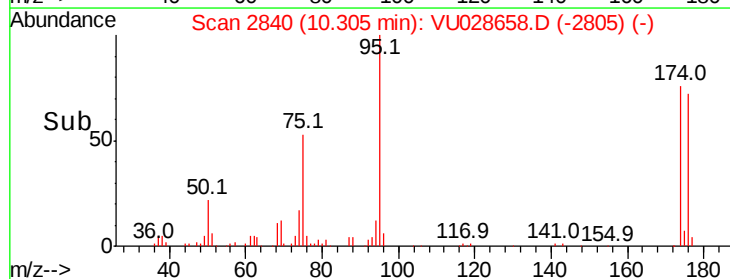
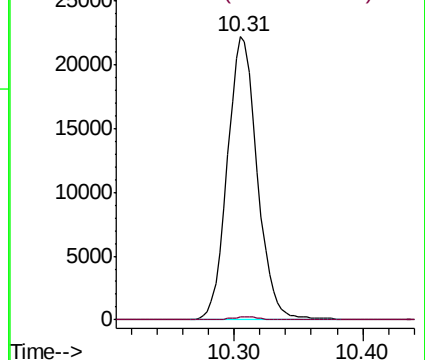
75 100

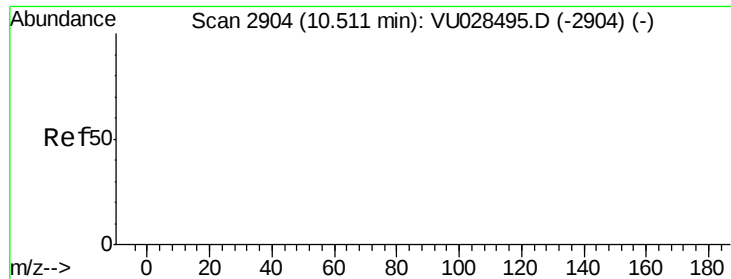
77 0.9 20.8 62.4#



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: 60.629 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028658.D

Acq: 12 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW310S-20181209

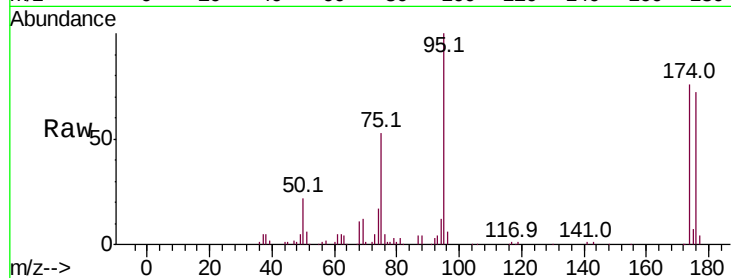
Tot Ion: 75 Resp: 35604

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

