

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028561.D
 Acq On : 10 Dec 2018 19:12
 Operator : MD/SY
 Sample : J6325-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D2-20181204

Quant Time: Dec 11 03:40:00 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	92720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	171370	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	60824	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	79040	55.86	ug/l	0.00
Spiked Amount			Recovery	=	111.72%	
35) Dibromofluoromethane	4.88	113	57561	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
50) Toluene-d8	7.57	98	223541	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	10.31	95	73776	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

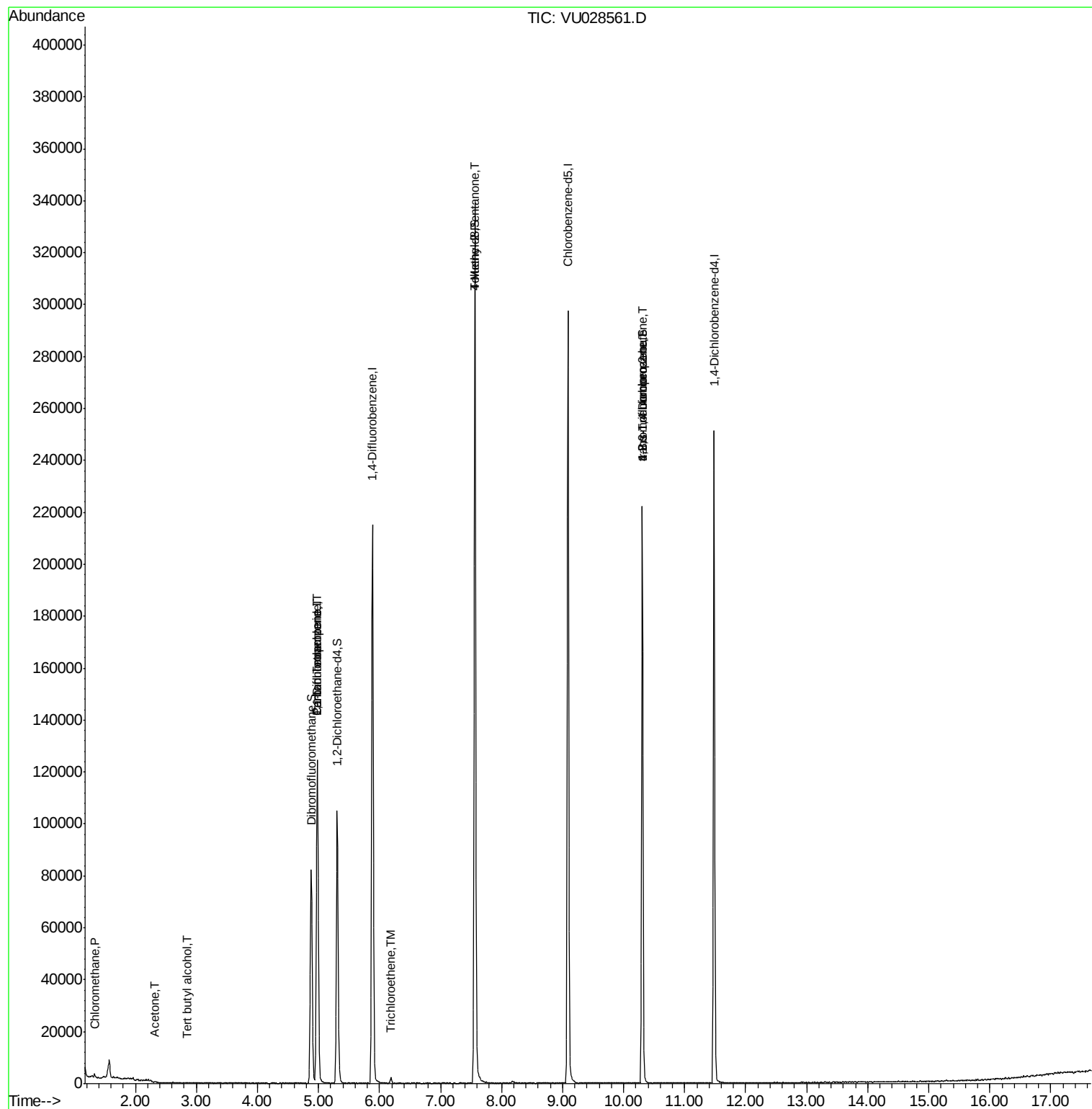
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1068	0.467	ug/l	99
11) Tert butyl alcohol	2.84	59	255	0.809	ug/l #	73
16) Acetone	2.32	43	458	0.496	ug/l #	85
31) Cyclohexane	4.99	56	2225	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8445	4.503	ug/l #	47
38) Carbon Tetrachloride	4.98	117	9329	6.172	ug/l #	15
44) Trichloroethene	6.19	130	642	0.523	ug/l	82
51) 4-Methyl-2-Pentanone	7.57	43	1107	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	39549	25.464	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	39549	62.475	ug/l #	100

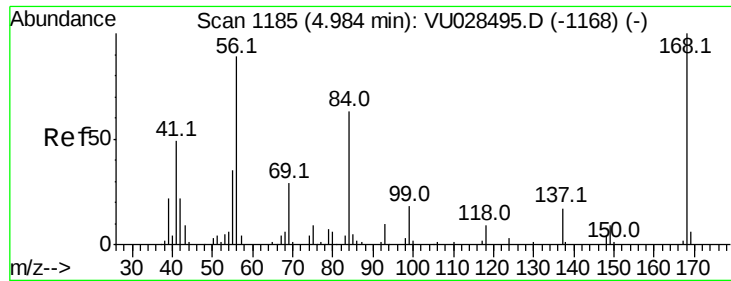
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028561.D
Acq On : 10 Dec 2018 19:12
Operator : MD/SY
Sample : J6325-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE-117D2-20181204

Quant Time: Dec 11 03:40:00 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: VU028561.D

Acq: 10 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

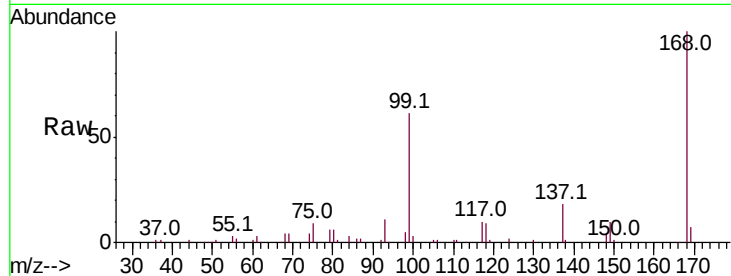
RE-117D2-20181204

Tot Ion:168 Resp: 92720

Ion Ratio Lower Upper

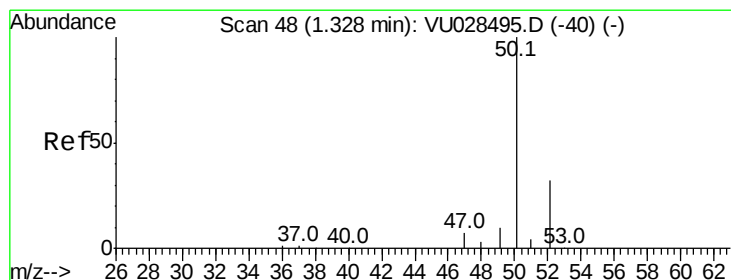
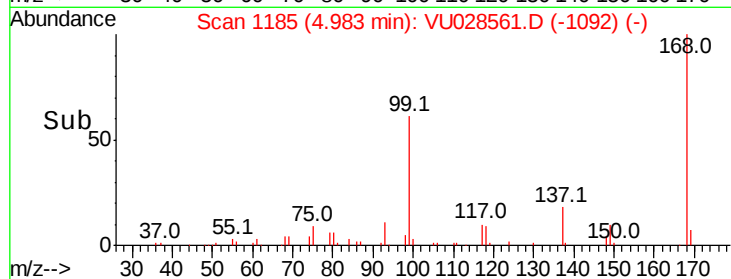
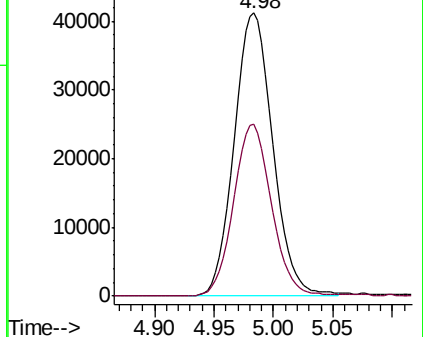
168 100

99 60.7 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.467 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028561.D

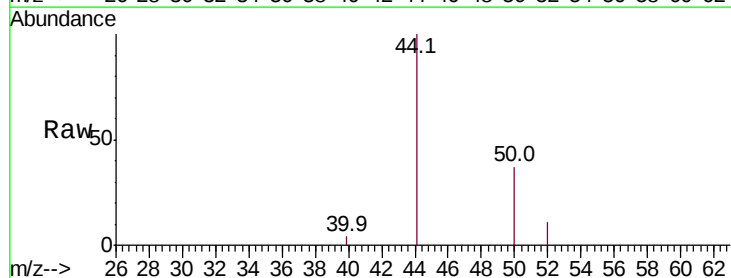
Acq: 10 Dec 2018 19:12

Tgt Ion: 50 Resp: 1068

Ion Ratio Lower Upper

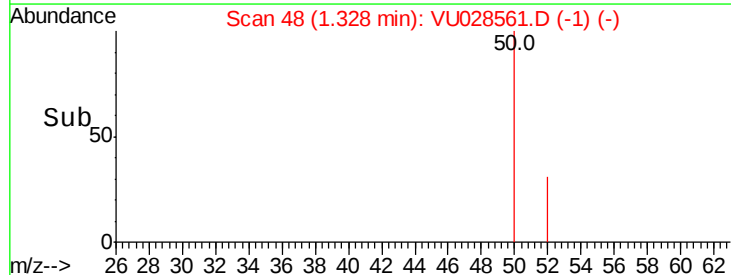
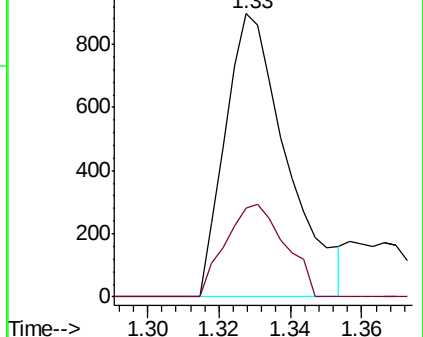
50 100

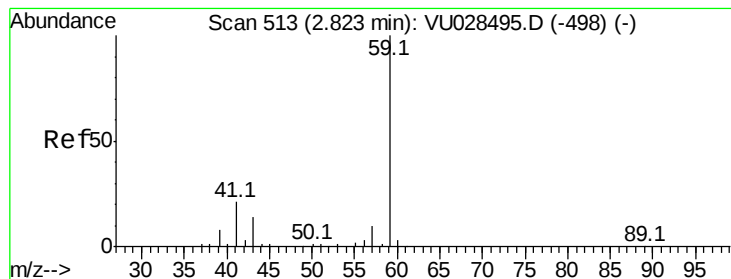
52 31.3 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)



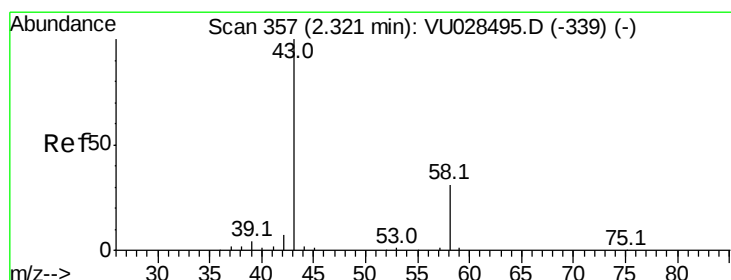
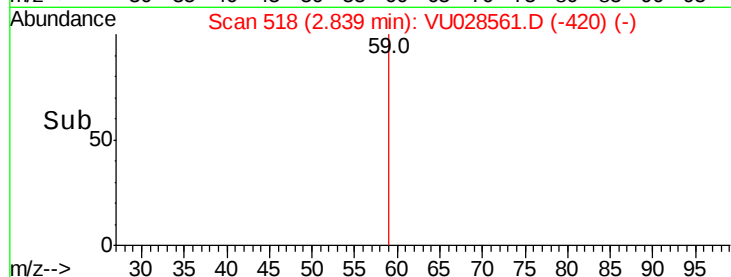
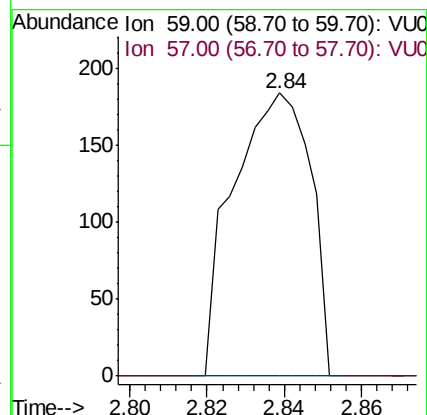
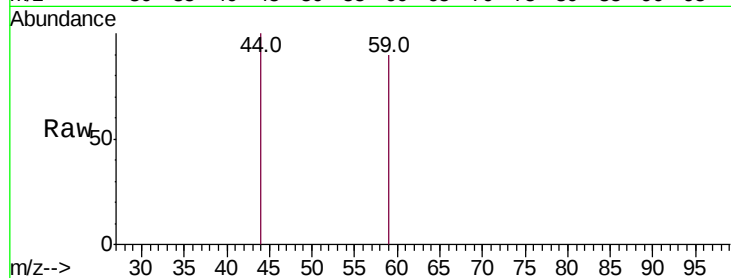


#11

Tert butyl alcohol
 Concen: 0.809 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.02 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D2-20181204

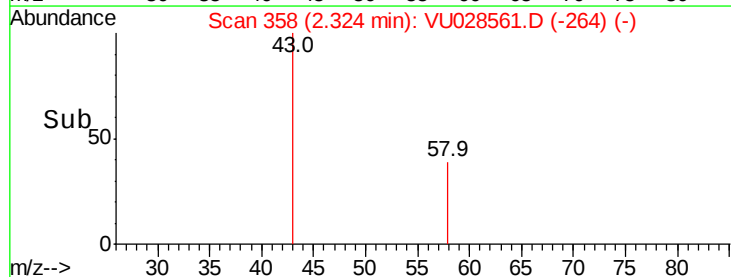
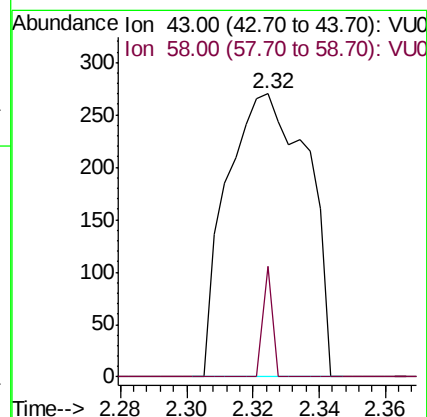
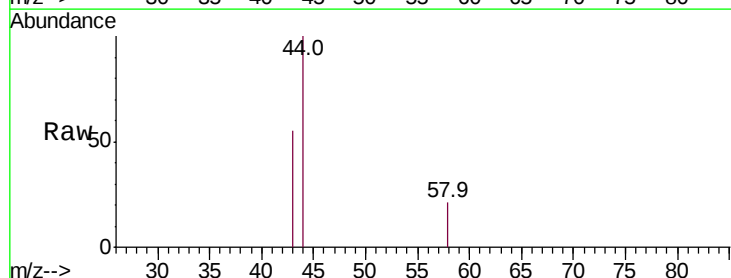
Tot Ion: 59 Resp: 255
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

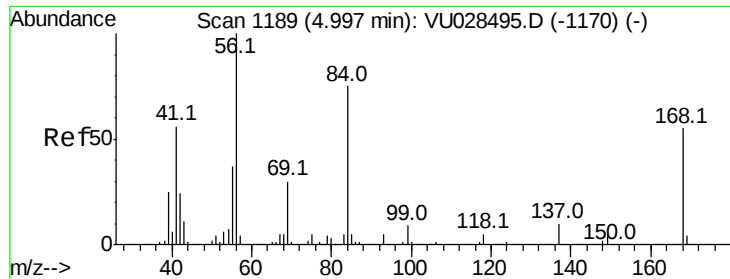


#16

Acetone
 Concen: 0.496 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Tgt Ion: 43 Resp: 458
 Ion Ratio Lower Upper
 43 100
 58 38.9 24.6 37.0#

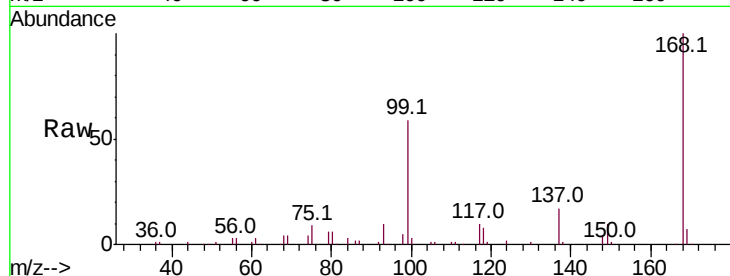




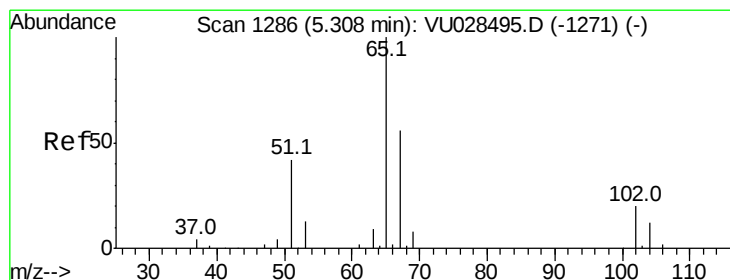
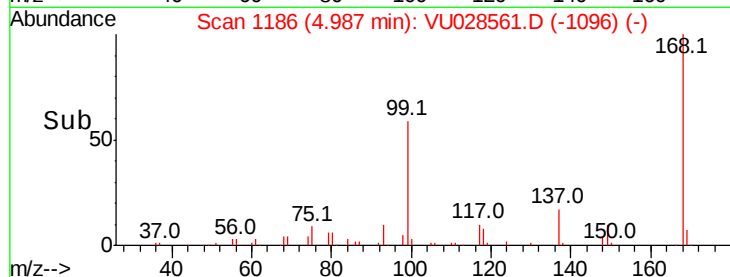
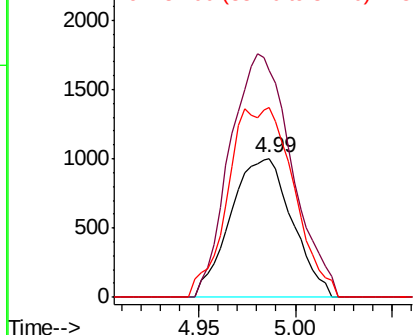
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028561.D
Acq: 10 Dec 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
RE-117D2-20181204

Tot Ion: 56 Resp: 2225
Ion Ratio Lower Upper
56 100
69 163.7 24.0 36.0#
84 136.7 59.7 89.5#

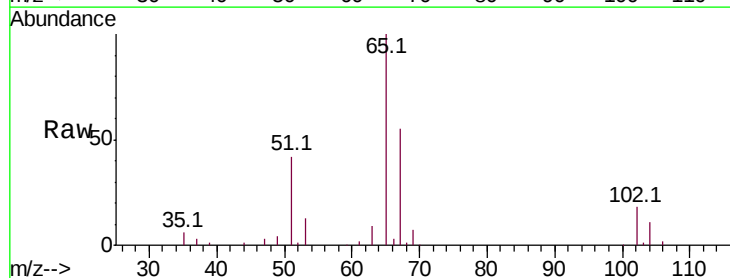


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

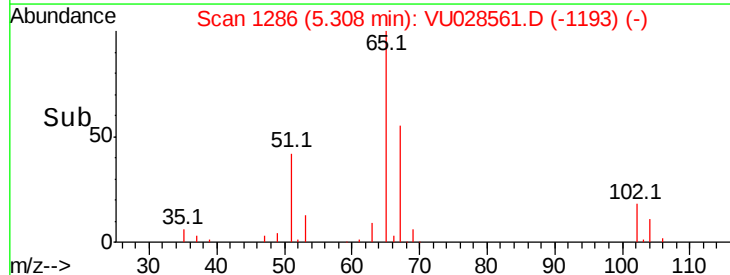
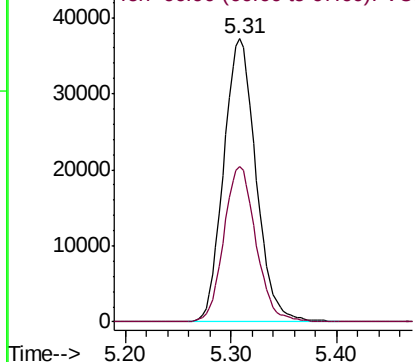


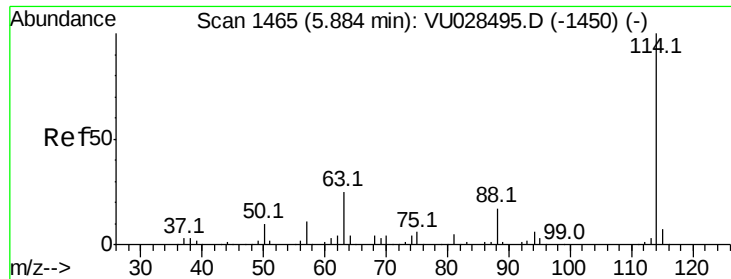
#33
1,2-Dichloroethane-d4
Concen: 55.860 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028561.D
Acq: 10 Dec 2018 19:12

Tgt Ion: 65 Resp: 79040
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6



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

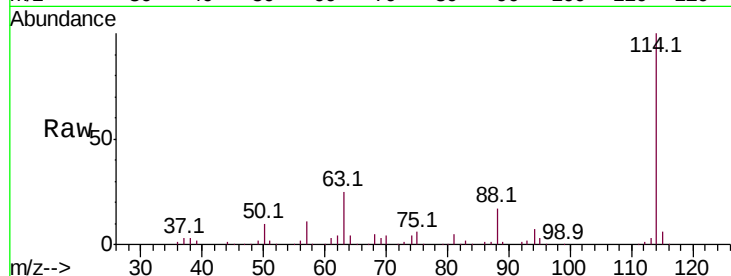




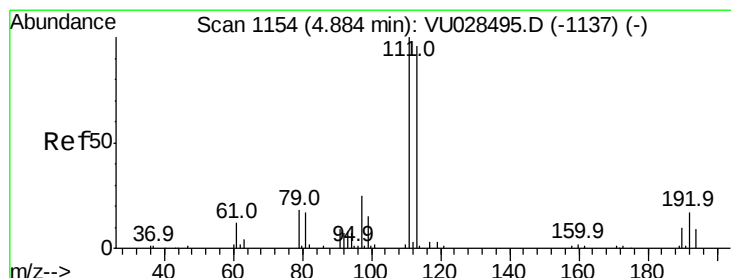
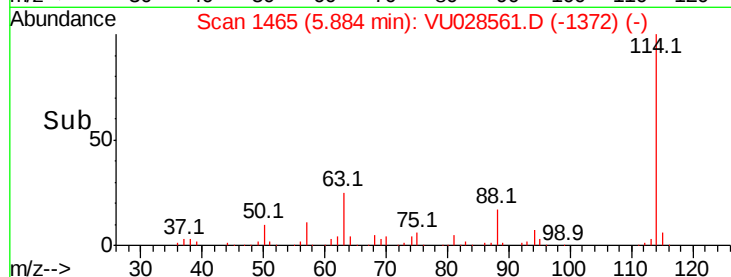
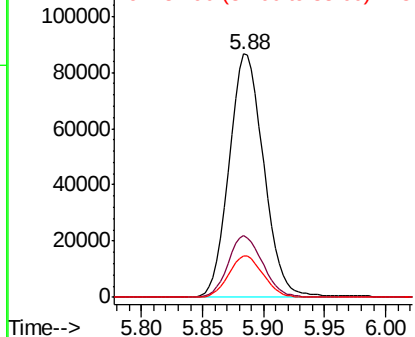
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D2-20181204

Tot Ion:	114	Resp:	171370
Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	16.8	0.0	33.4

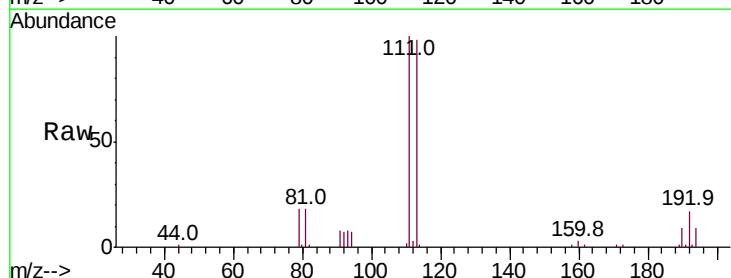


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

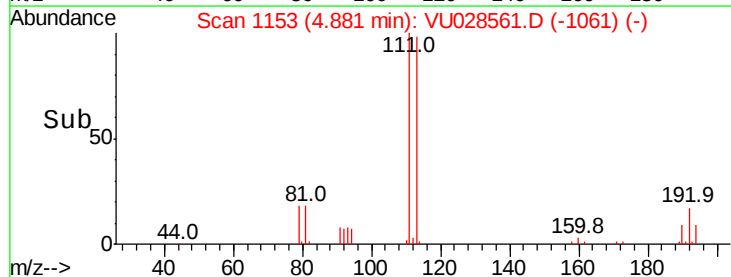
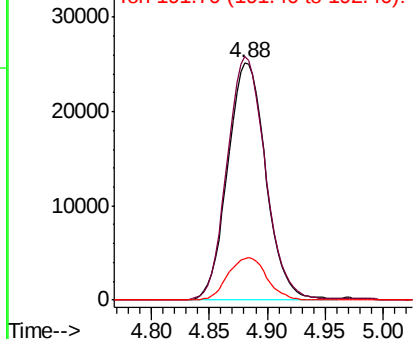


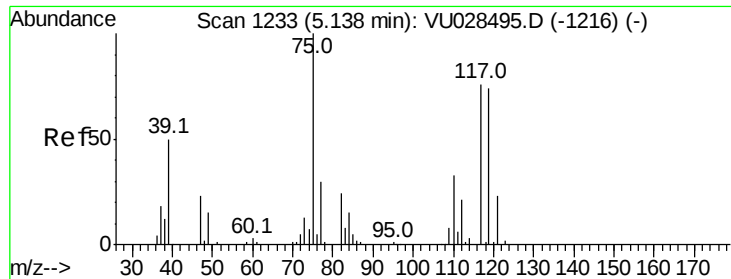
#35
 Dibromofluoromethane
 Concen: 53.374 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Tgt Ion:	113	Resp:	57561
Ion	Ratio	Lower	Upper
113	100		
111	102.3	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

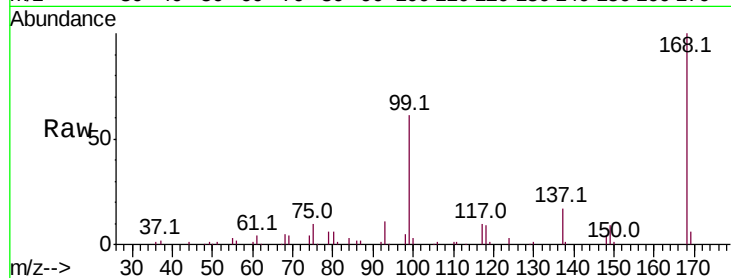




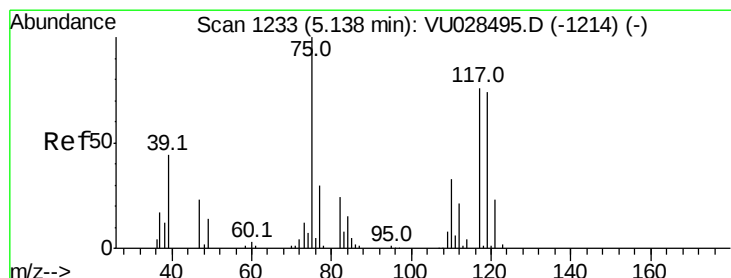
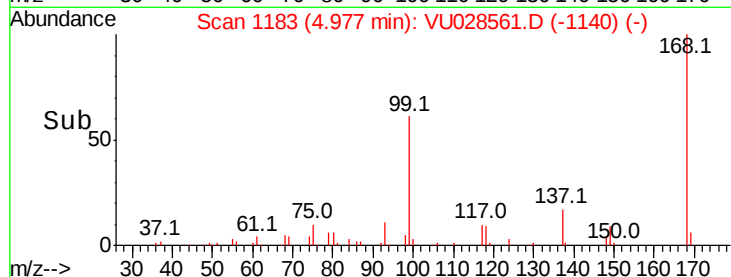
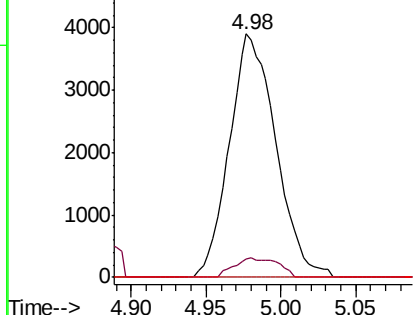
#36
 1,1-Dichloropropene
 Concen: 4.503 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.16 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D2-20181204

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.5	16.1	48.2#
77	0.0	24.5	36.7#

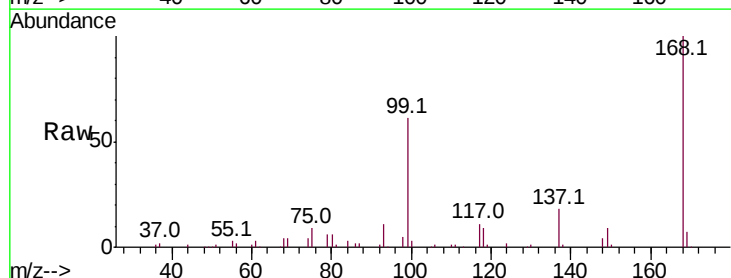


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

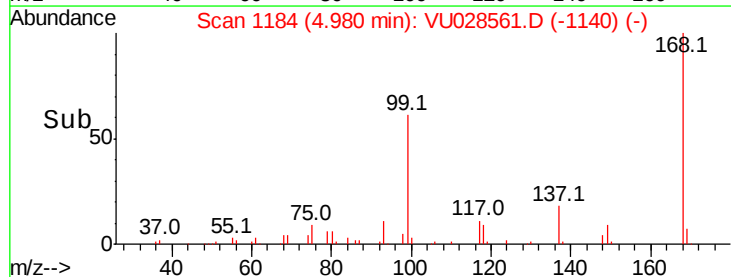
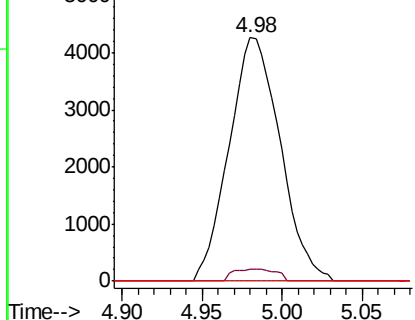


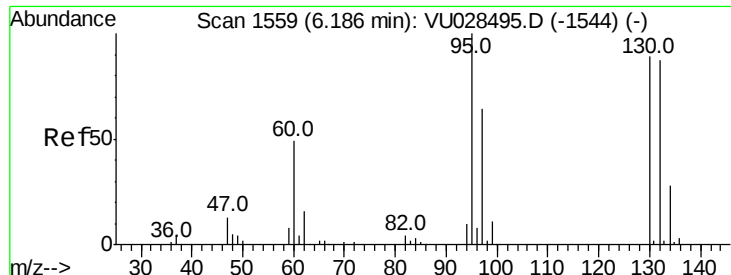
#38
 Carbon Tetrachloride
 Concen: 6.172 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028561.D
 Acq: 10 Dec 2018 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	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: 0.523 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028561.D

Acq: 10 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

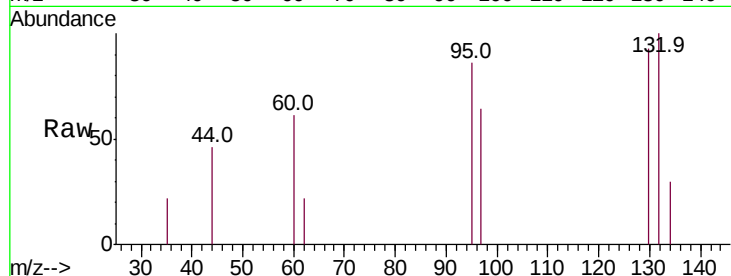
RE-117D2-20181204

Tot Ion:130 Resp: 642

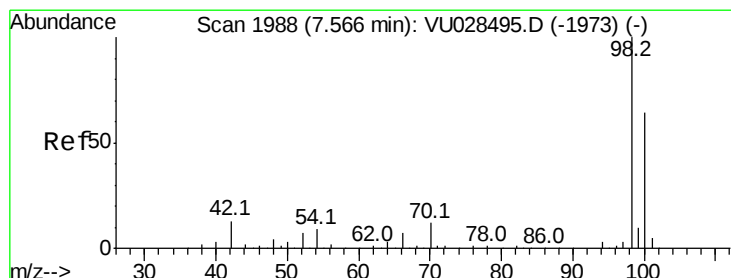
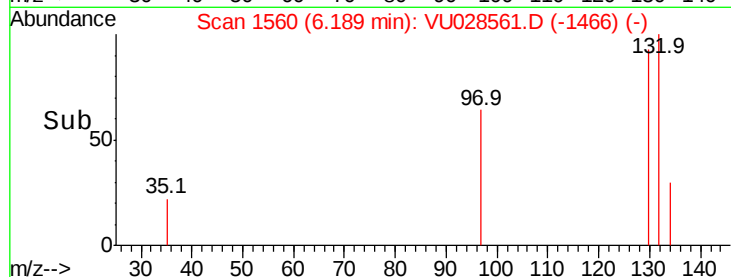
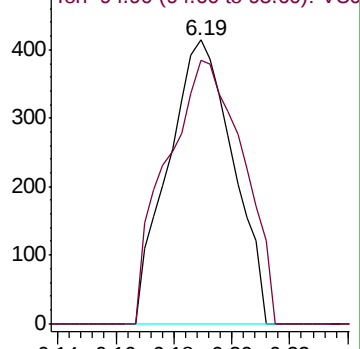
Ion Ratio Lower Upper

130 100

95 92.8 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 52.399 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028561.D

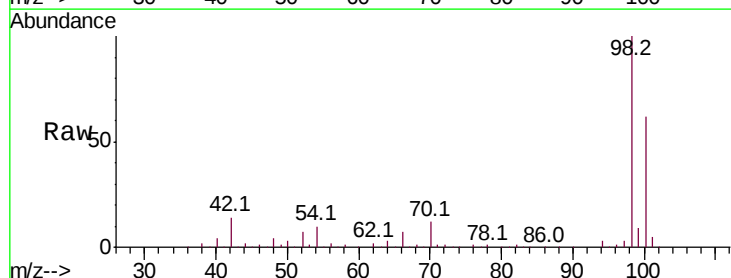
Acq: 10 Dec 2018 19:12

Tgt Ion: 98 Resp: 223541

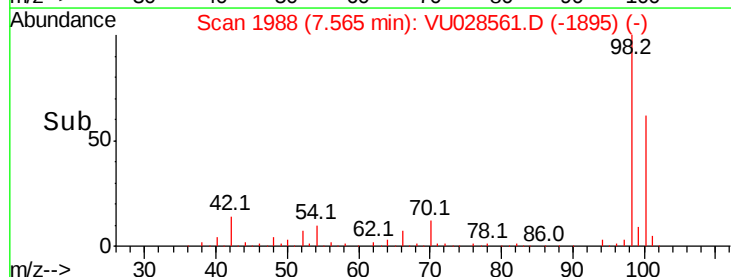
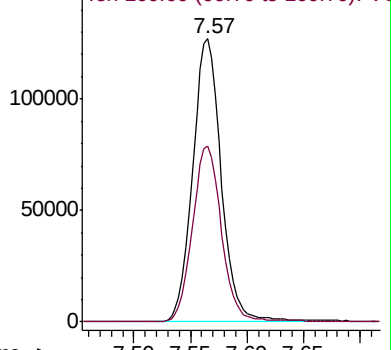
Ion Ratio Lower Upper

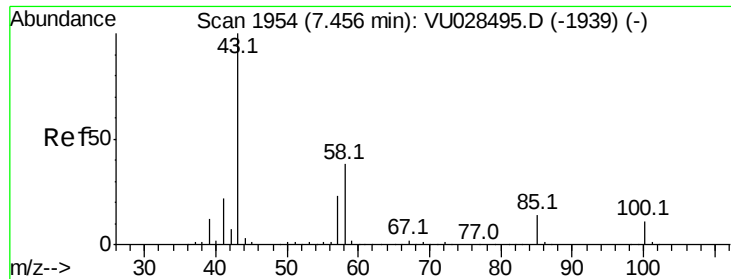
98 100

100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.458 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU028561.D

Acq: 10 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

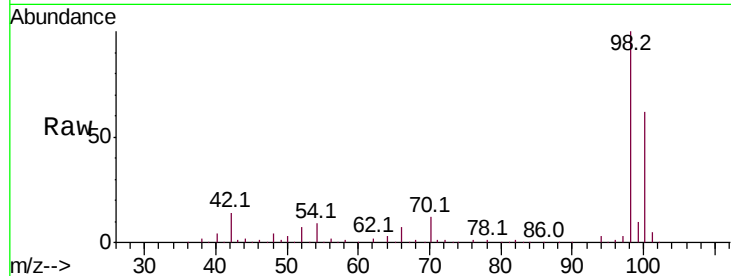
RE-117D2-20181204

Tot Ion: 43 Resp: 1107

Ion Ratio Lower Upper

43 100

58 177.5 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

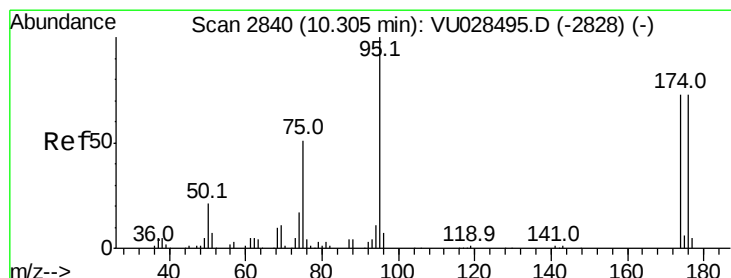
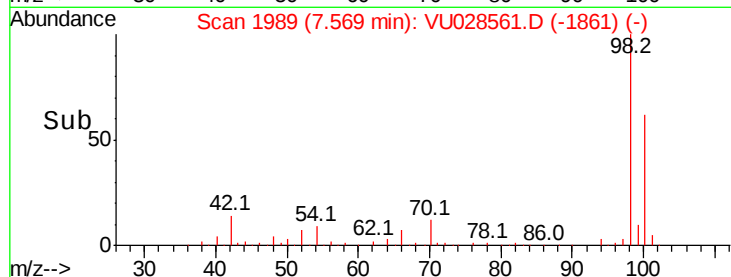
Ion 58.00 (57.70 to 58.70): VU0

1000

500

7.57

Time-->



#62

4-Bromofluorobenzene

Concen: 46.268 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028561.D

Acq: 10 Dec 2018 19:12

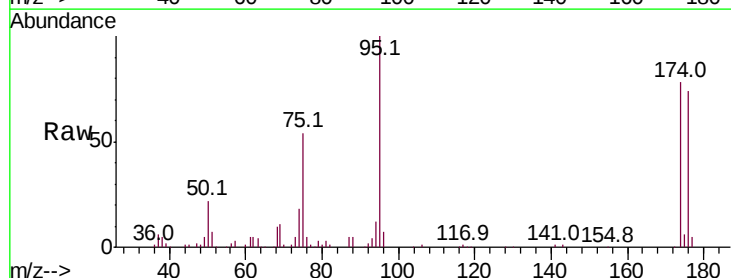
Tgt Ion: 95 Resp: 73776

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 72.2 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

60000

50000

40000

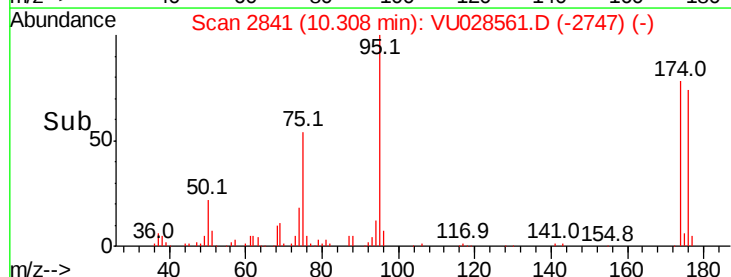
30000

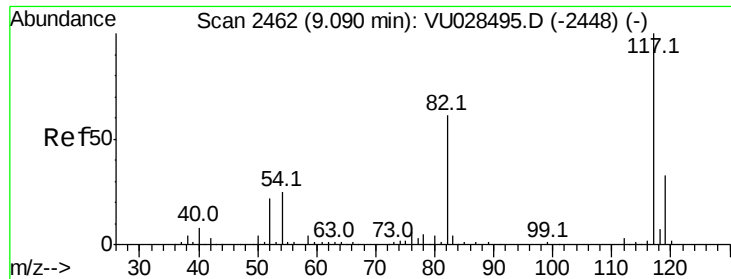
20000

10000

10.31

Time-->

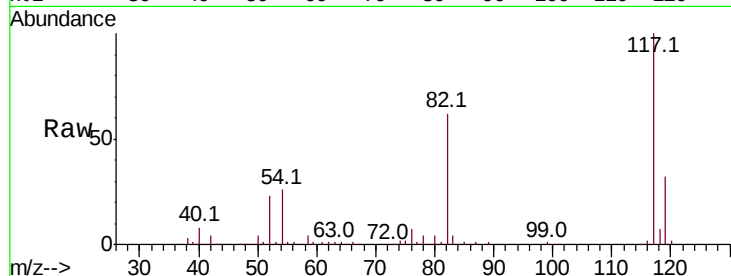




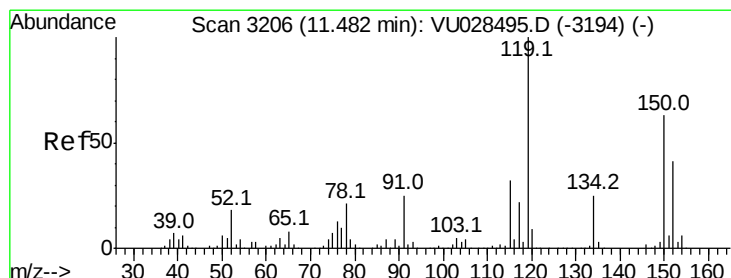
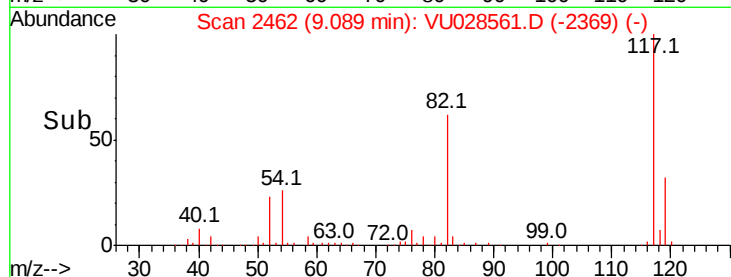
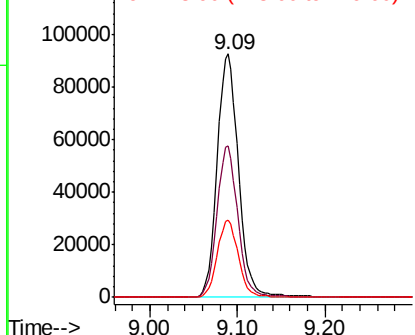
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028561.D
Acq: 10 Dec 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
RE-117D2-20181204

Tot Ion:117 Resp: 156998
Ion Ratio Lower Upper
117 100
82 62.2 48.9 73.3
119 31.9 26.2 39.4

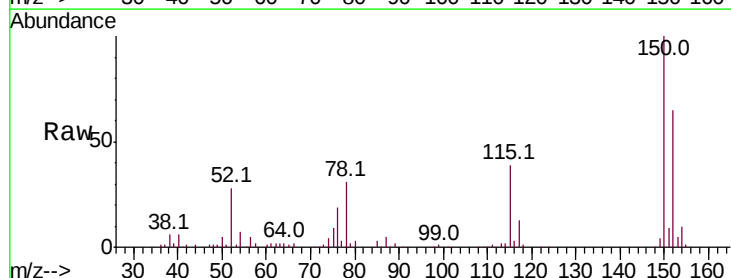


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

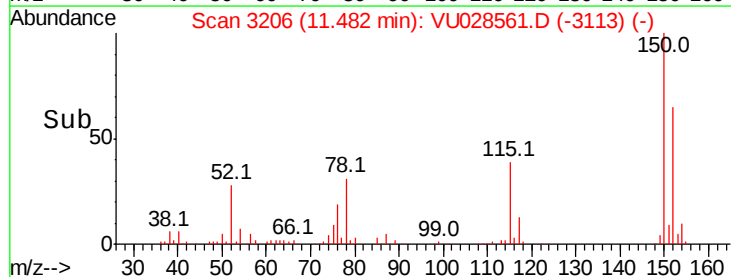
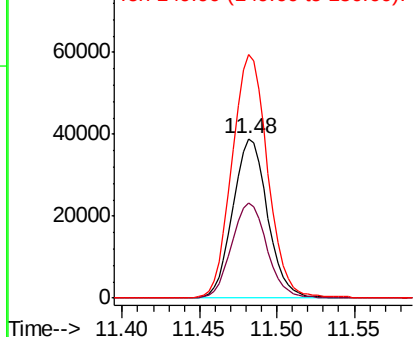


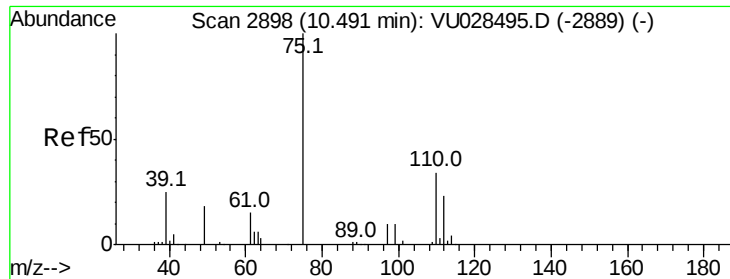
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028561.D
Acq: 10 Dec 2018 19:12

Tgt Ion:152 Resp: 60824
Ion Ratio Lower Upper
152 100
115 60.5 42.7 128.1
150 156.8 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: 25.464 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028561.D

Acq: 10 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

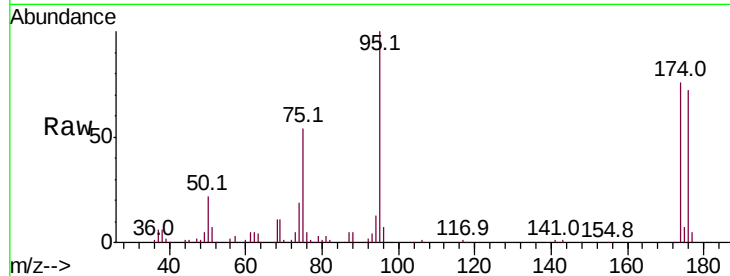
RE-117D2-20181204

Tot Ion: 75 Resp: 39549

Ion Ratio Lower Upper

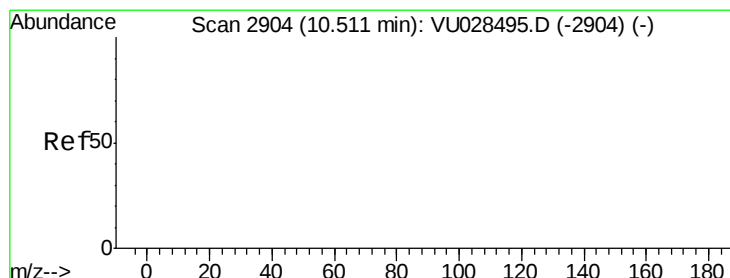
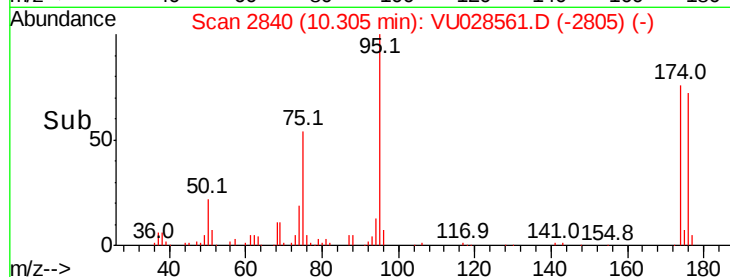
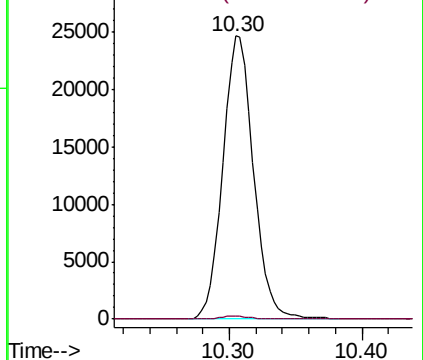
75 100

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: 62.475 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028561.D

Acq: 10 Dec 2018 19:12

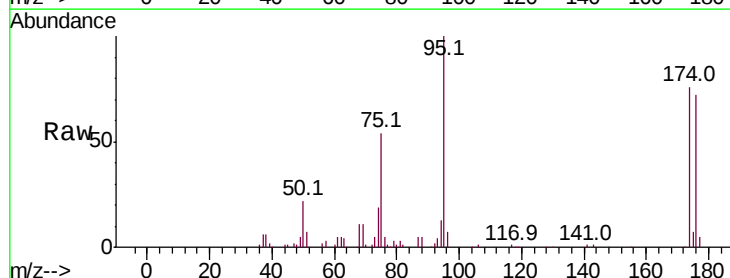
Tgt Ion: 75 Resp: 39549

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

