

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028560.D
 Acq On : 10 Dec 2018 18:47
 Operator : MD/SY
 Sample : J6325-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D1-20181204

Quant Time: Dec 11 03:39:37 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	90354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	166684	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57014	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	76161	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	
35) Dibromofluoromethane	4.88	113	56369	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
50) Toluene-d8	7.56	98	216890	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	10.31	95	70047	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	

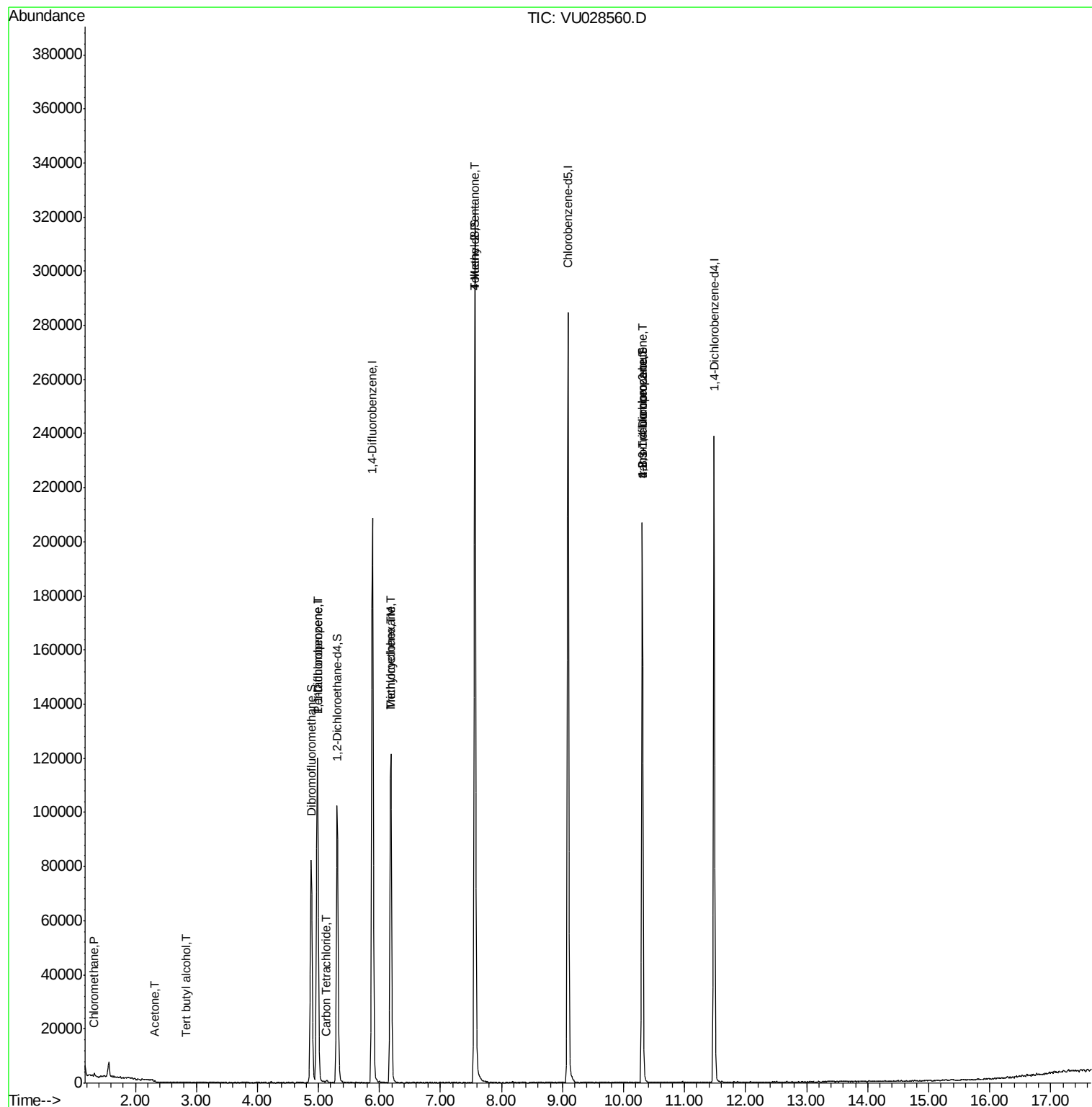
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1104	0.496	ug/l #	87
11) Tert butyl alcohol	2.83	59	112	0.365	ug/l #	73
16) Acetone	2.32	43	341	0.379	ug/l #	44
31) Cyclohexane	4.98	56	2328	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7909	4.336	ug/l #	49
38) Carbon Tetrachloride	5.13	117	642	0.437	ug/l #	43
39) Methylcyclohexane	6.19	83	539	0.242	ug/l #	1
44) Trichloroethene	6.19	130	39972	33.464	ug/l	95
51) 4-Methyl-2-Pentanone	7.57	43	1004	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	37039	25.441	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	37039	62.420	ug/l #	100

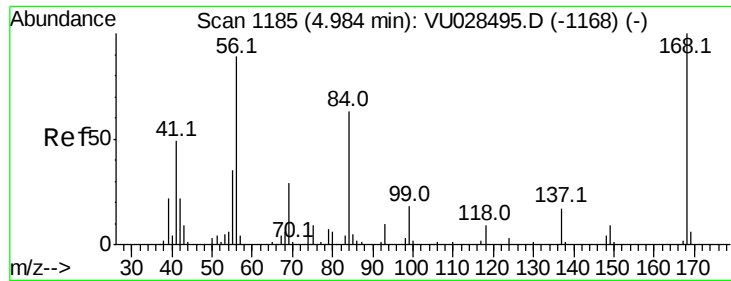
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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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: VU028560.D

Acq: 10 Dec 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

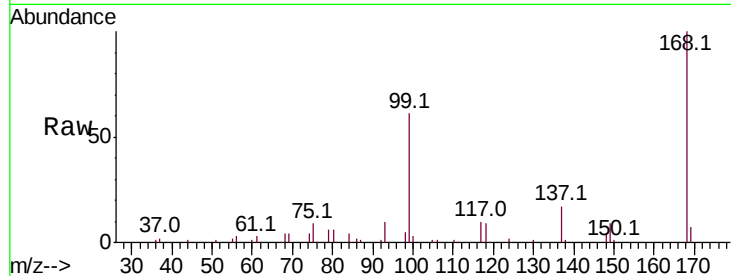
RE-117D1-20181204

Tot Ion:168 Resp: 90354

Ion Ratio Lower Upper

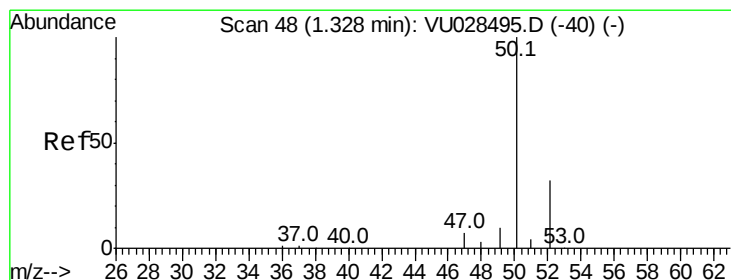
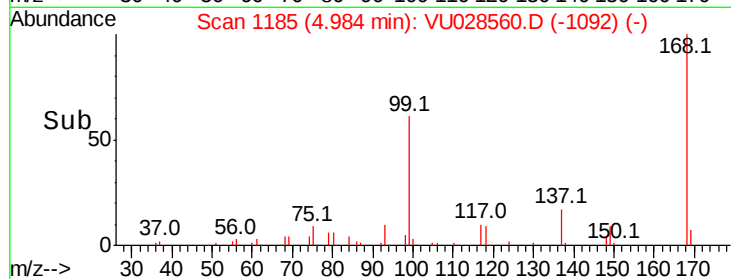
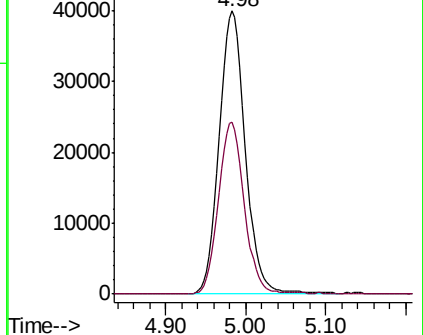
168 100

99 60.9 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: 0.496 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028560.D

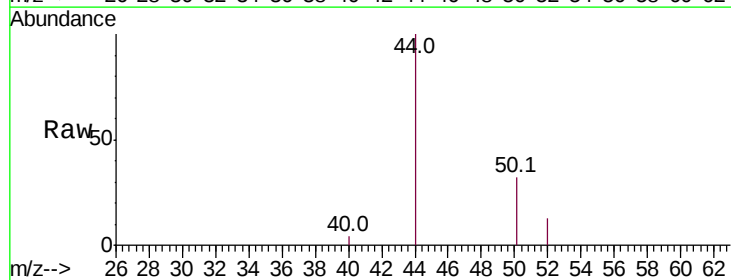
Acq: 10 Dec 2018 18:47

Tgt Ion: 50 Resp: 1104

Ion Ratio Lower Upper

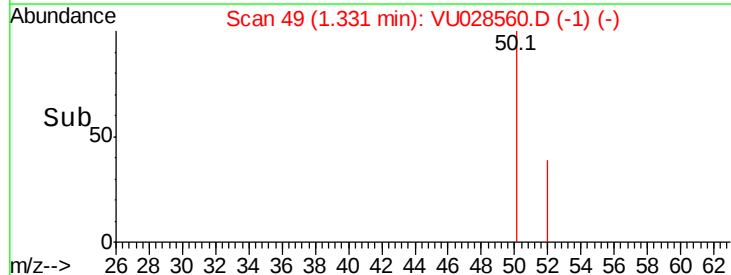
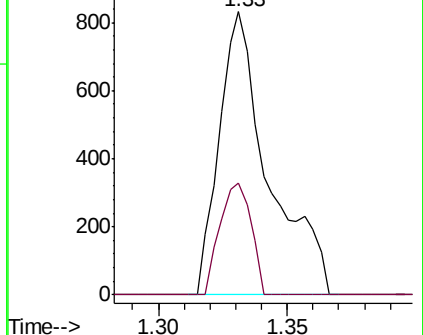
50 100

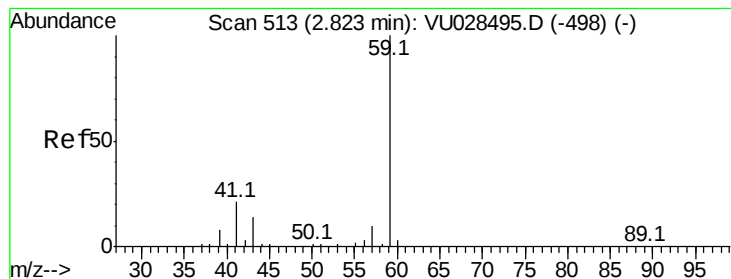
52 39.3 25.5 38.3#



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

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



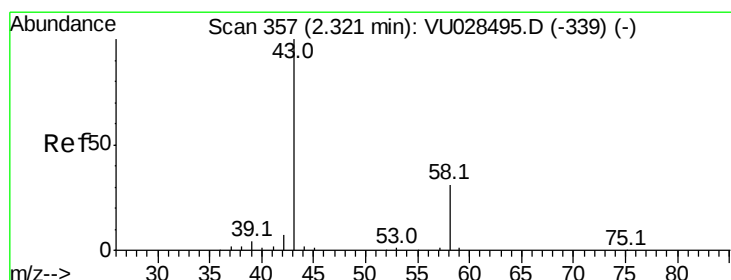
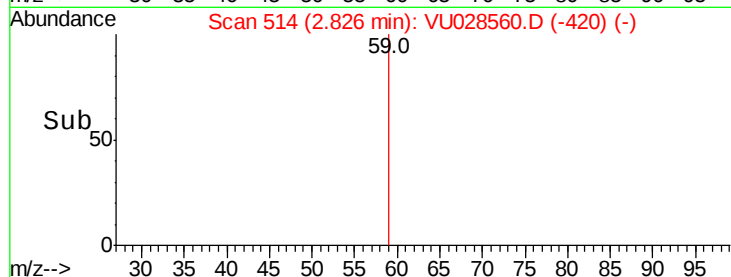
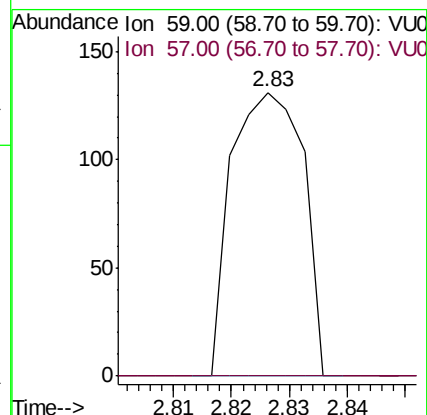
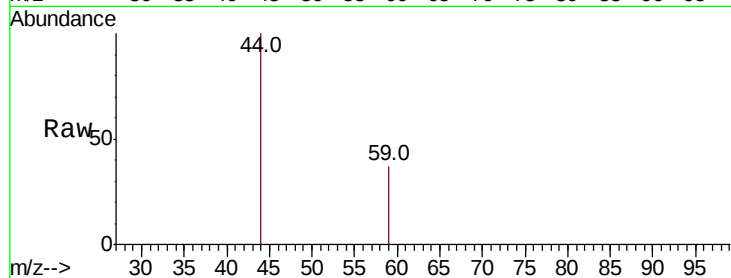


#11

Tert butyl alcohol
 Concen: 0.365 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D1-20181204

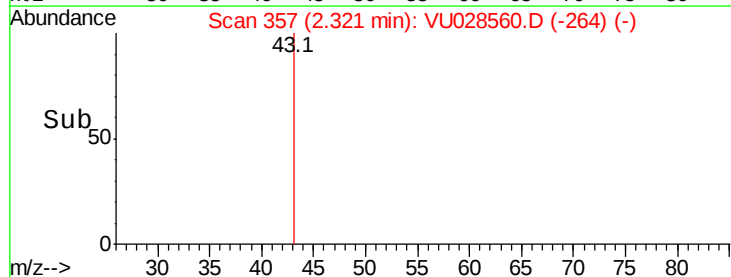
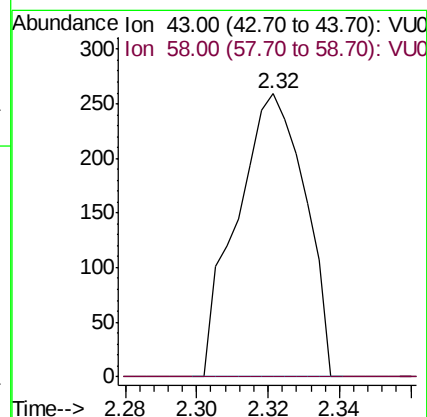
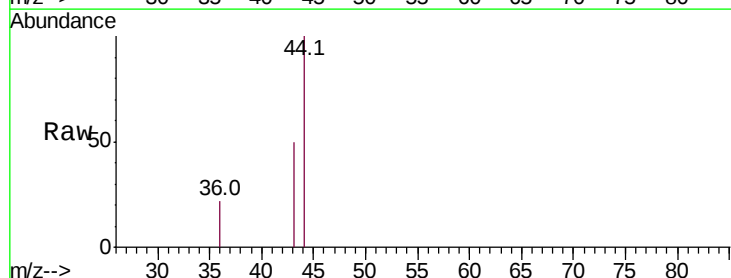
Tot Ion: 59 Resp: 112
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

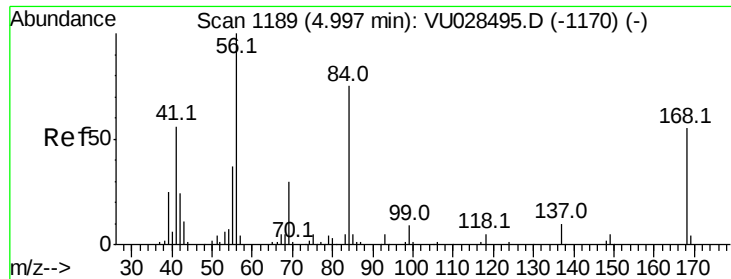


#16

Acetone
 Concen: 0.379 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Tgt Ion: 43 Resp: 341
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.6 37.0#

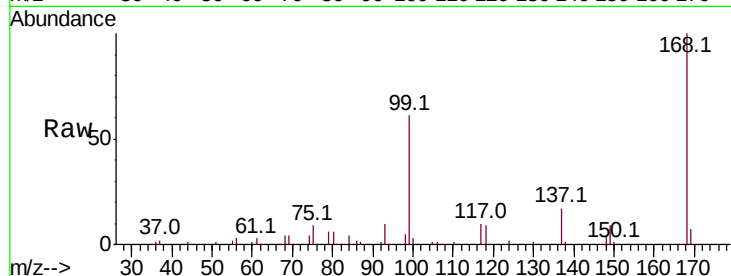




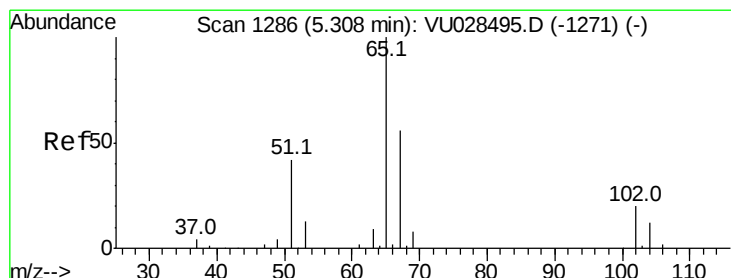
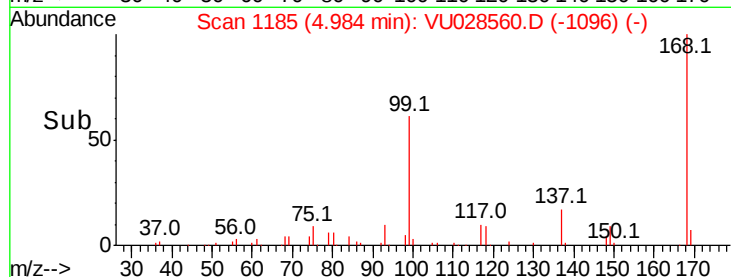
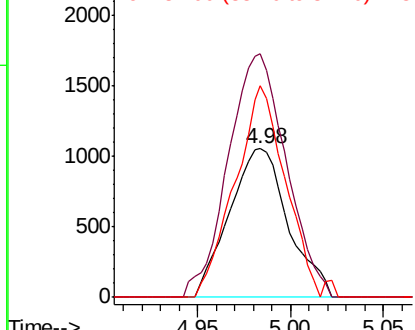
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028560.D
Acq: 10 Dec 2018 18:47

Instrument :
MSVOA_U
ClientSampleId :
RE-117D1-20181204

Tot Ion: 56 Resp: 2328
Ion Ratio Lower Upper
56 100
69 163.6 24.0 36.0#
84 142.5 59.7 89.5#

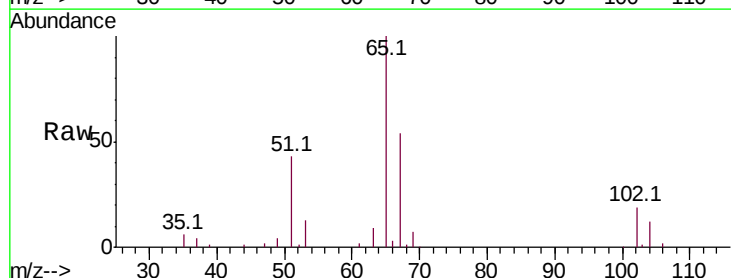


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

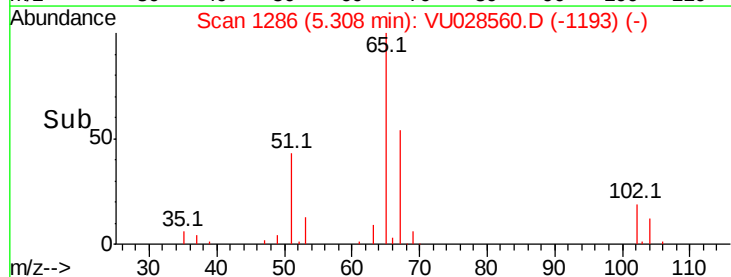
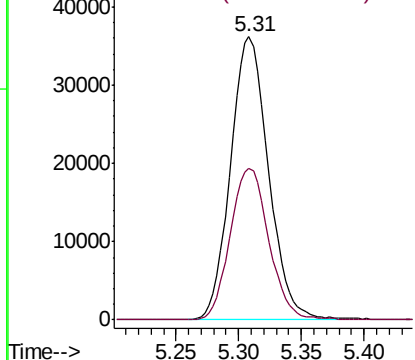


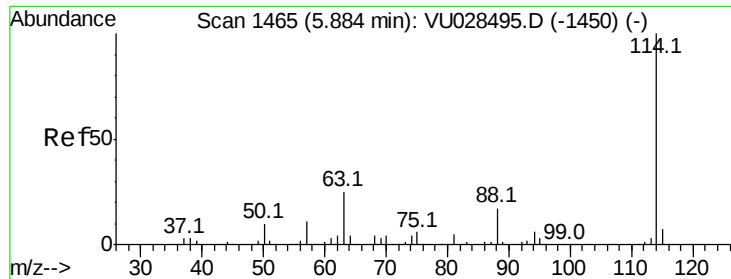
#33
1,2-Dichloroethane-d4
Concen: 55.235 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028560.D
Acq: 10 Dec 2018 18:47

Tgt Ion: 65 Resp: 76161
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

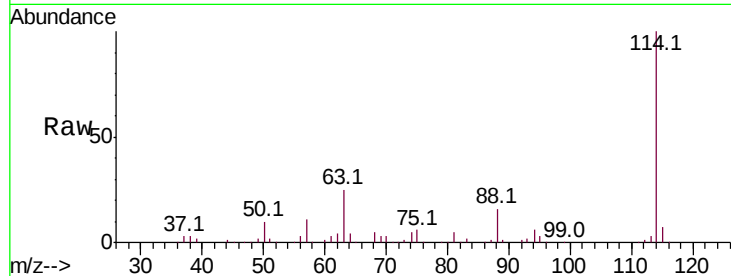




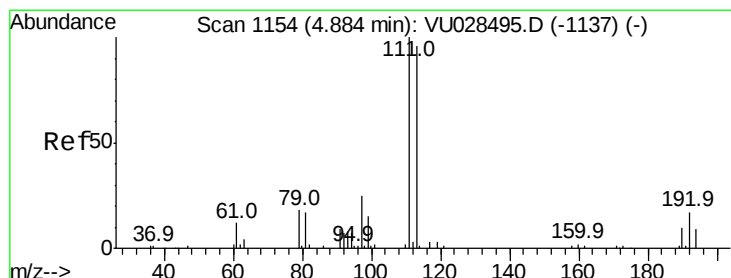
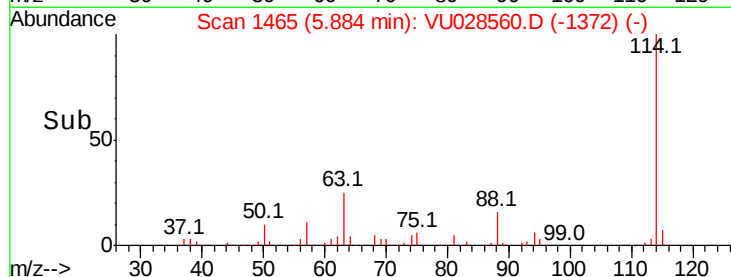
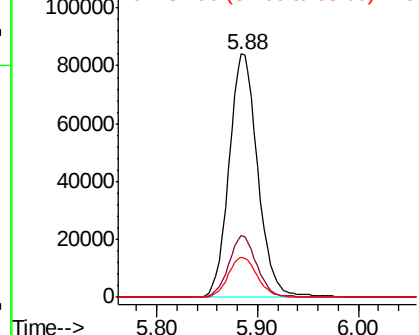
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D1-20181204

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	16.3	0.0	33.4

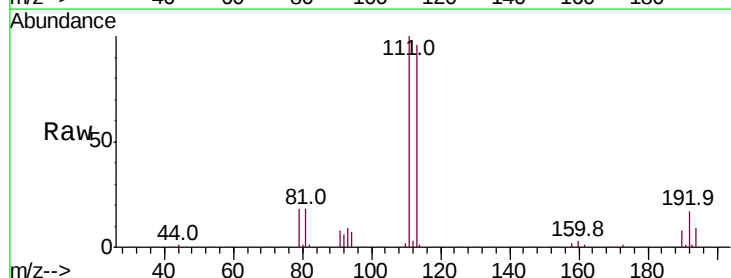


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

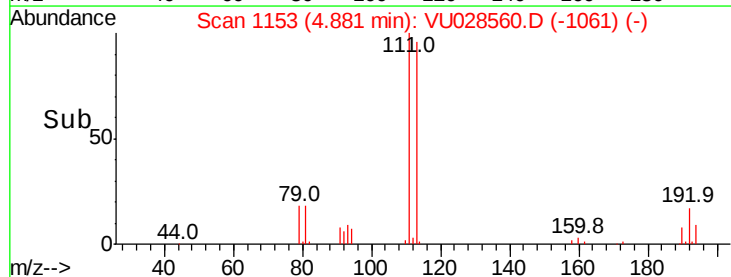
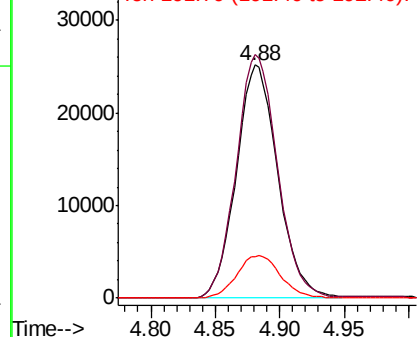


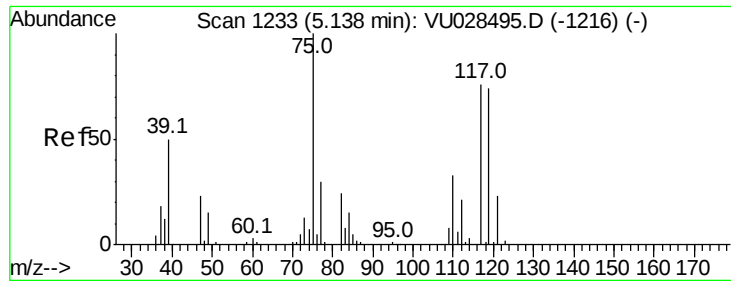
#35
 Dibromofluoromethane
 Concen: 53.738 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.0
192	19.1	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

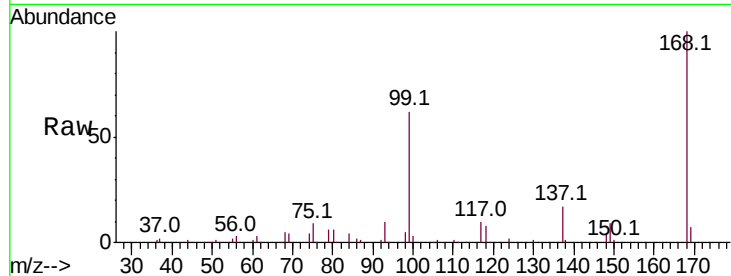




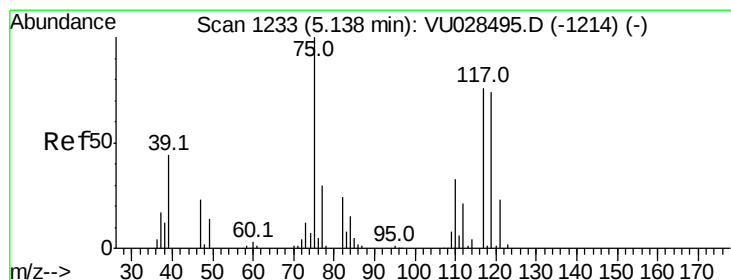
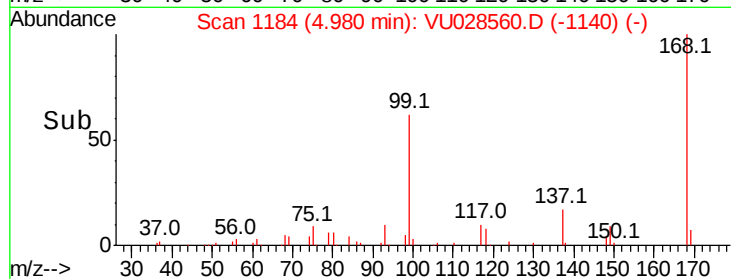
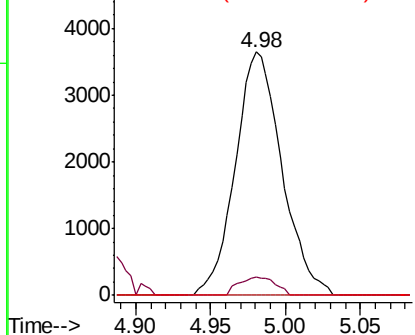
#36
 1,1-Dichloropropene
 Concen: 4.336 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-117D1-20181204

Tot Ion: 75 Resp: 7909
 Ion Ratio Lower Upper
 75 100
 110 5.8 16.1 48.2#
 77 0.0 24.5 36.7#

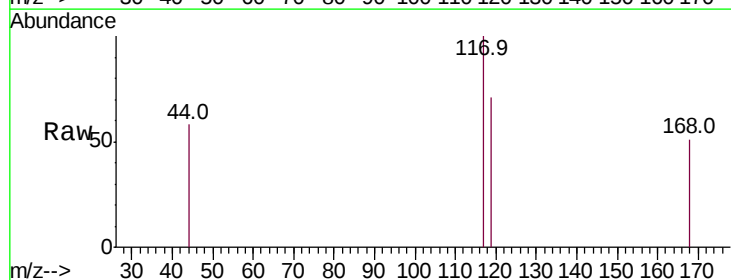


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

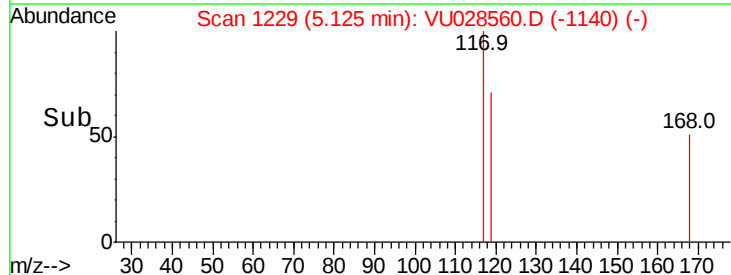
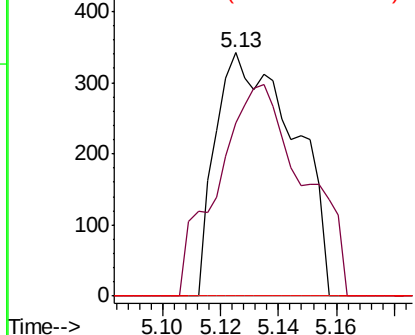


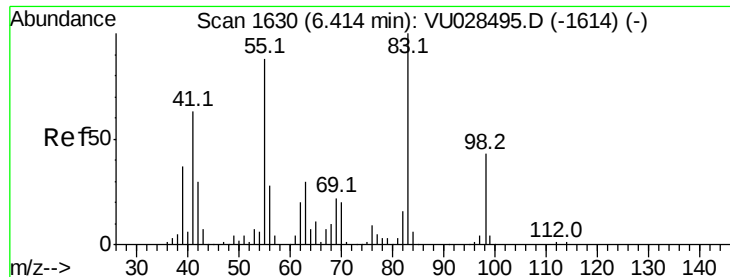
#38
 Carbon Tetrachloride
 Concen: 0.437 ug/l
 RT: 5.13 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VU028560.D
 Acq: 10 Dec 2018 18:47

Tgt Ion: 117 Resp: 642
 Ion Ratio Lower Upper
 117 100
 119 40.4 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





#39

Methylcyclohexane

Concen: 0.242 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.23 min

Lab File: VU028560.D

Acq: 10 Dec 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

RE-117D1-20181204

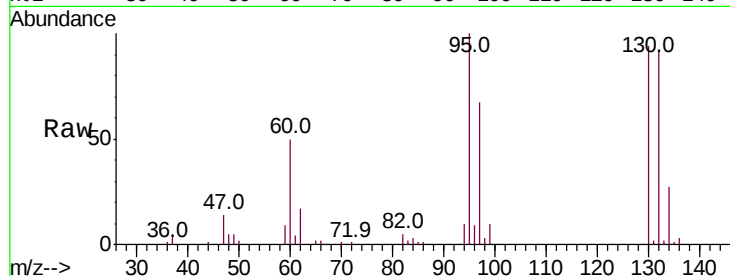
Tot Ion: 83 Resp: 539

Ion Ratio Lower Upper

83 100

55 0.0 70.2 105.2#

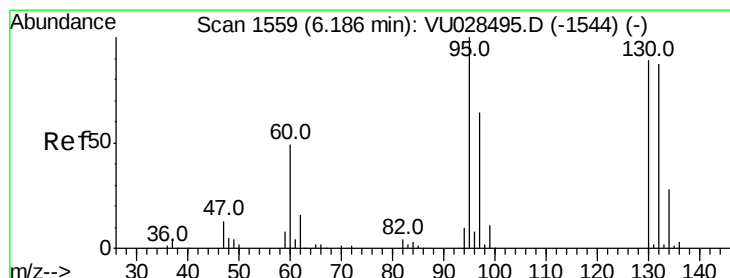
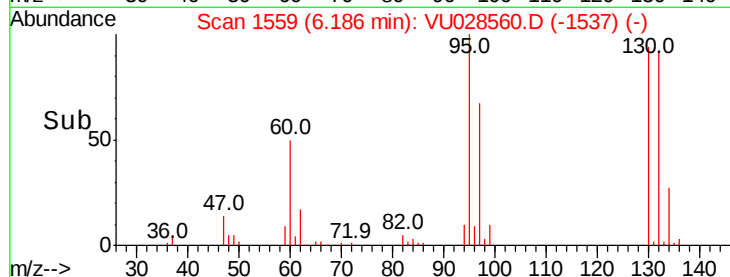
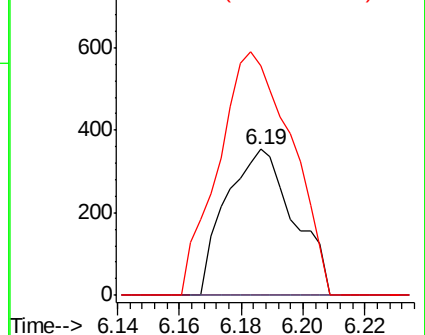
98 157.3 34.2 51.4#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#44

Trichloroethene

Concen: 33.464 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028560.D

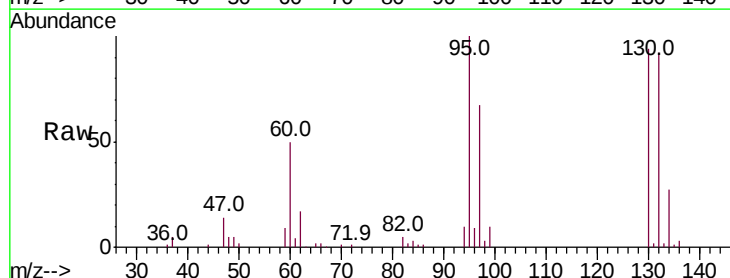
Acq: 10 Dec 2018 18:47

Tgt Ion:130 Resp: 39972

Ion Ratio Lower Upper

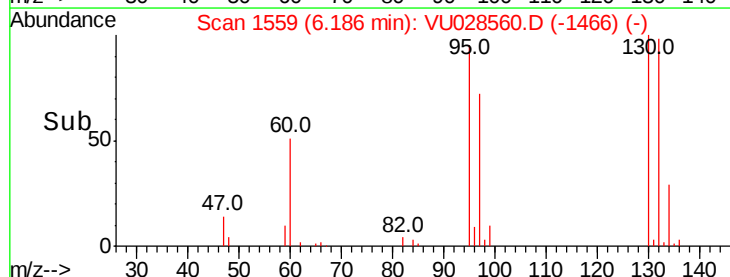
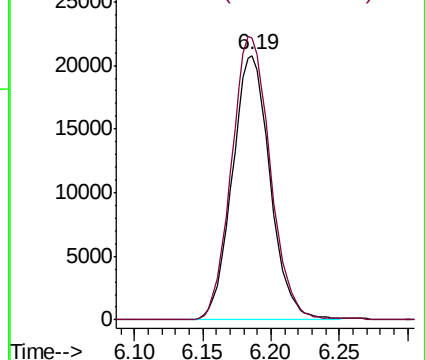
130 100

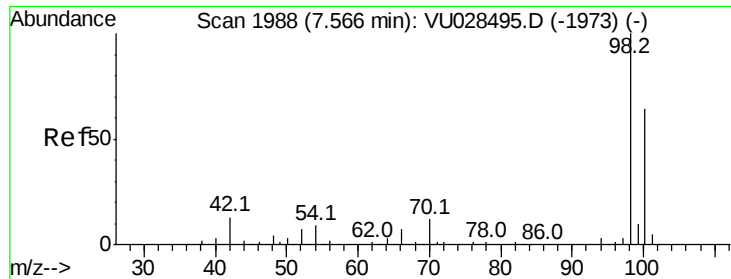
95 106.5 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 52.269 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028560.D

Acq: 10 Dec 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

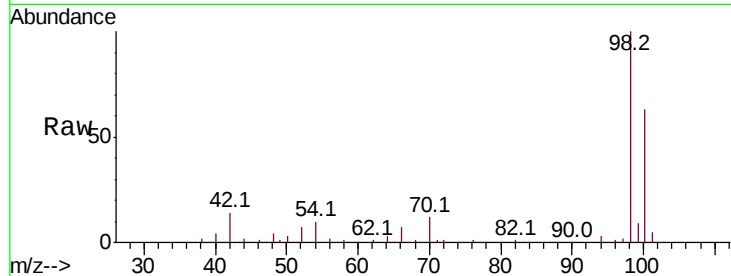
RE-117D1-20181204

Tot Ion: 98 Resp: 216890

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



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

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

100000

50000

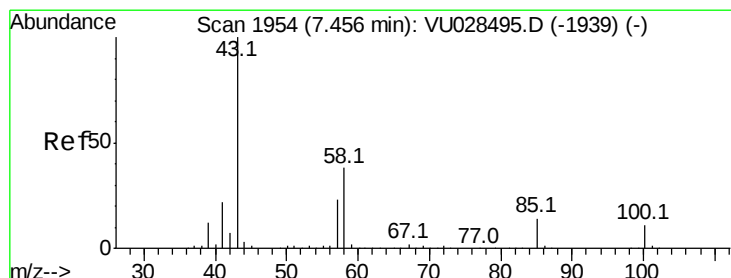
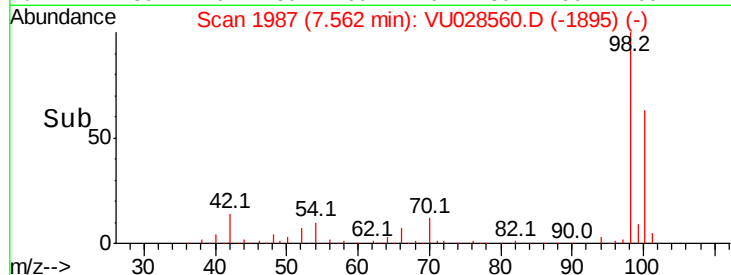
0

Time-->

7.50

7.60

7.70



#51

4-Methyl-2-Pentanone

Concen: 0.427 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU028560.D

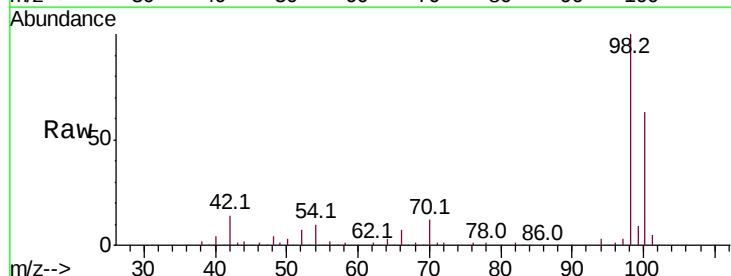
Acq: 10 Dec 2018 18:47

Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 210.1 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028560.D (-1861) (-)

Ion 58.00 (57.70 to 58.70): VU028560.D (-1861) (-)

1500

1000

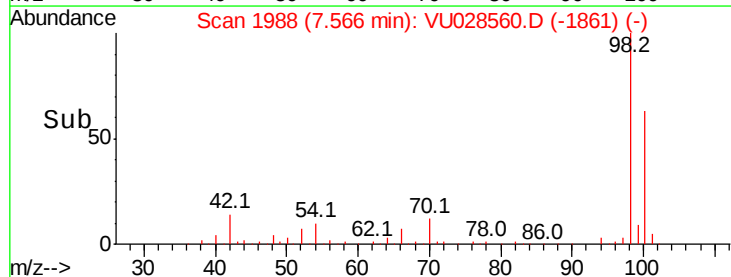
500

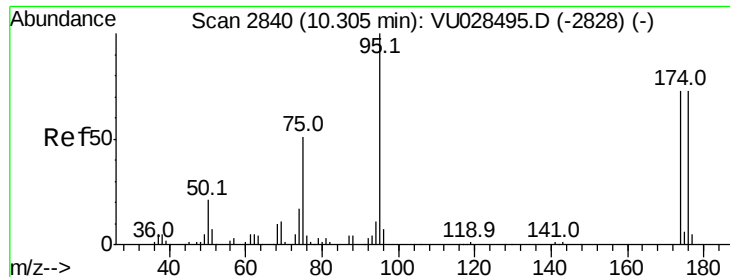
0

Time-->

7.55

7.60

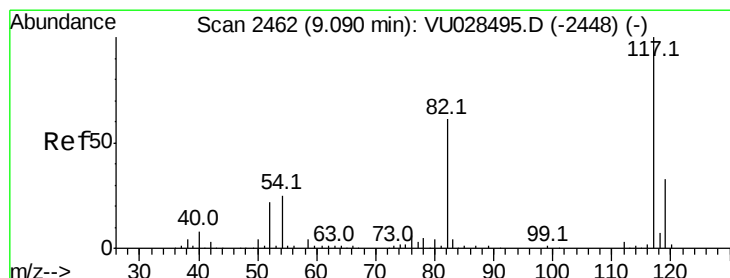
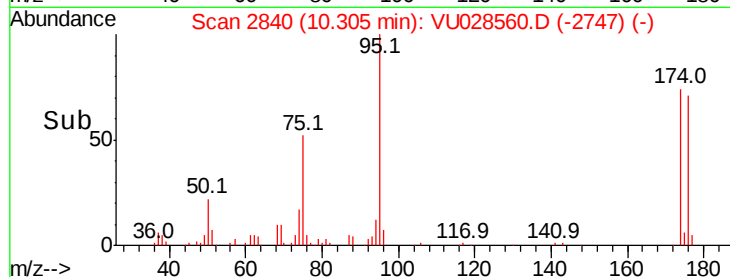
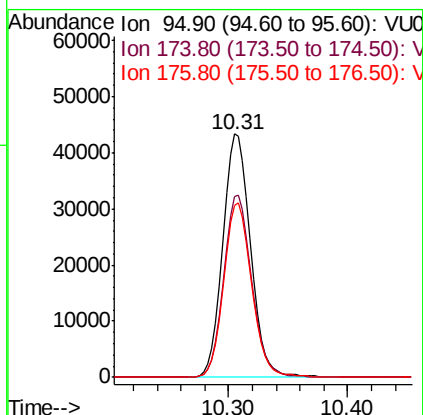
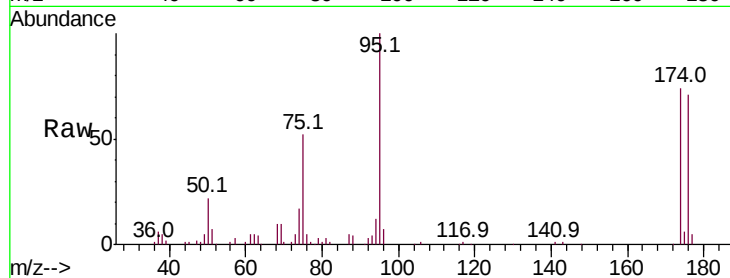




#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028560.D
Acq: 10 Dec 2018 18:47

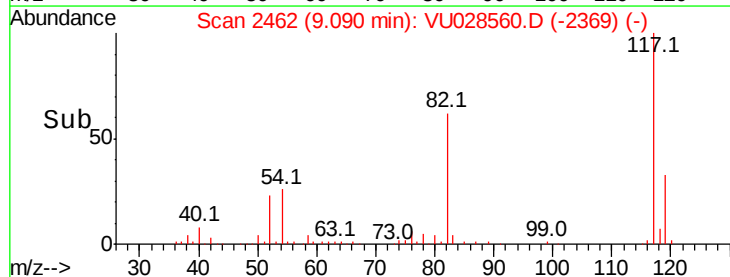
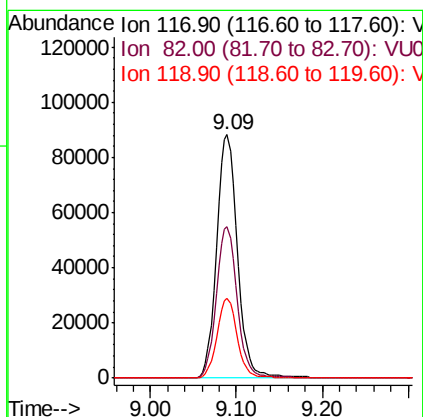
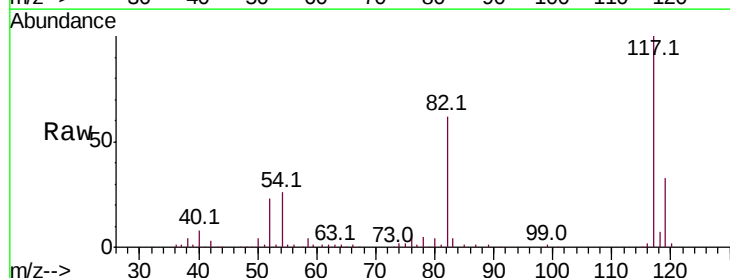
Instrument :
MSVOA_U
ClientSampleId :
RE-117D1-20181204

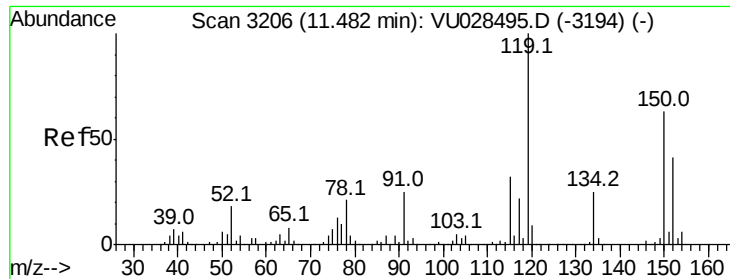
Tot Ion: 95 Resp: 70047
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 72.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028560.D
Acq: 10 Dec 2018 18:47

Tgt Ion: 117 Resp: 149145
Ion Ratio Lower Upper
117 100
82 62.1 48.9 73.3
119 32.7 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: VU028560.D

Acq: 10 Dec 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

RE-117D1-20181204

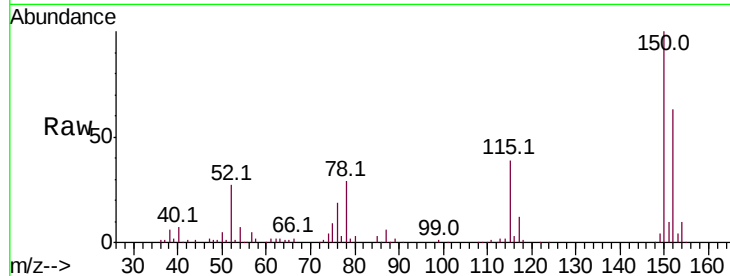
Tot Ion:152 Resp: 57014

Ion Ratio Lower Upper

152 100

115 60.8 42.7 128.1

150 159.6 0.0 346.0

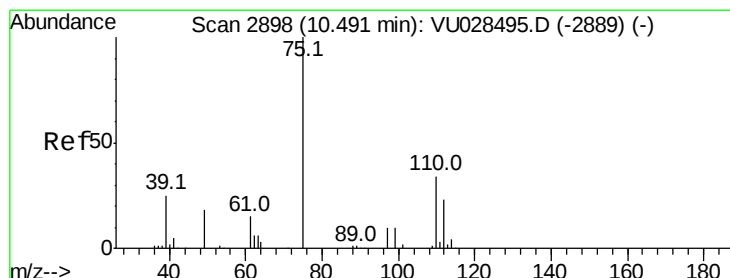
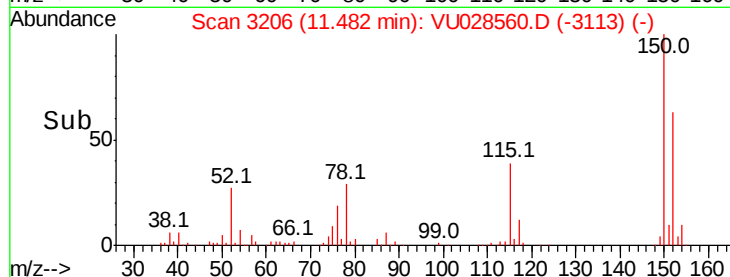
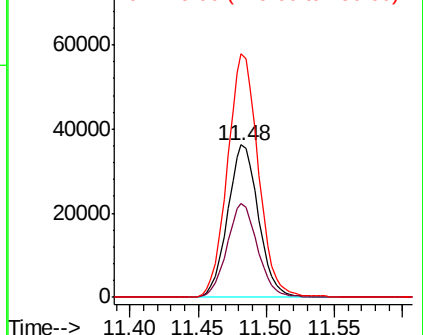


Abundance

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: 25.441 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028560.D

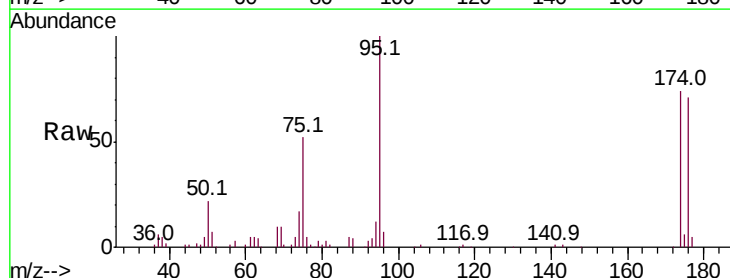
Acq: 10 Dec 2018 18:47

Tgt Ion: 75 Resp: 37039

Ion Ratio Lower Upper

75 100

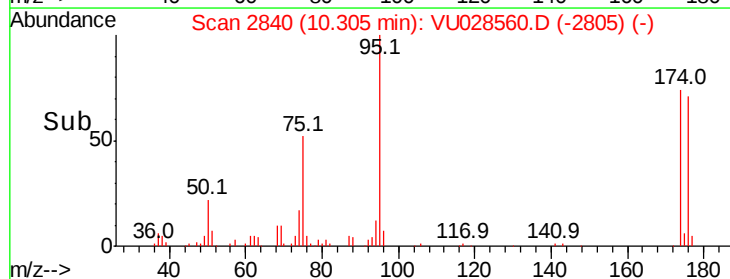
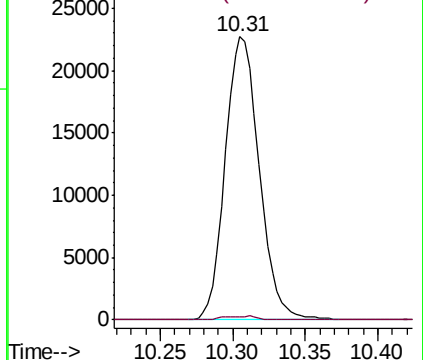
77 1.2 20.8 62.4#

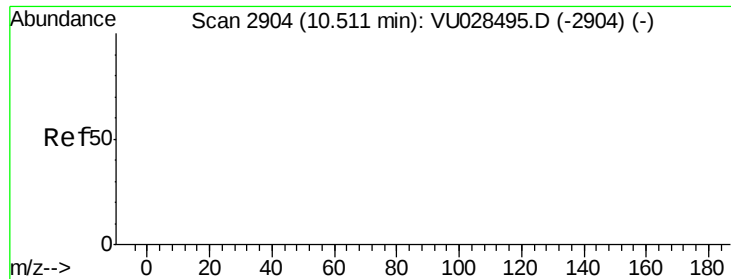


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 62.420 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028560.D

Acq: 10 Dec 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

RE-117D1-20181204

Tot Ion: 75 Resp: 37039

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

