

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028559.D
 Acq On : 10 Dec 2018 18:23
 Operator : MD/SY
 Sample : J6323-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

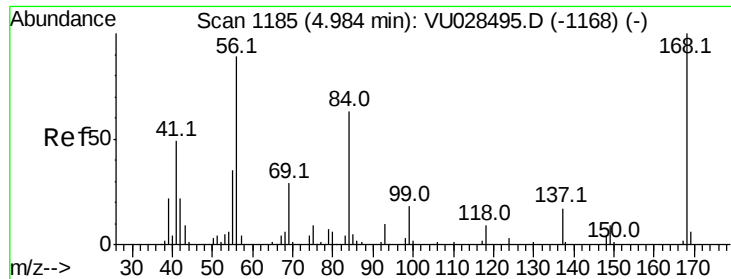
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

Quant Time: Dec 11 03:39:29 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	84833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	159550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58188	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	73948	57.12	ug/l	0.00
Spiked Amount			Recovery	=	114.24%	
35) Dibromofluoromethane	4.88	113	53235	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	7.56	98	207983	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	10.31	95	68254	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1104	0.528	ug/l	100
16) Acetone	2.32	43	516	0.611	ug/l #	44
31) Cyclohexane	4.98	56	2074	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7513	4.303	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8354	5.937	ug/l #	15
44) Trichloroethene	6.19	130	3875	3.389	ug/l	99
51) 4-Methyl-2-Pentanone	7.56	43	1082			



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

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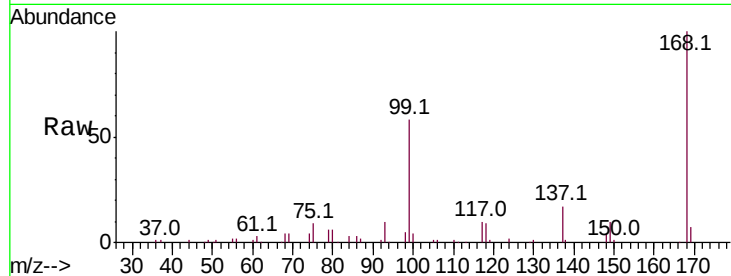
RE-123D2-20181207

Tot Ion:168 Resp: 84833

Ion Ratio Lower Upper

168 100

99 57.8 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) (-)

4.98

40000

30000

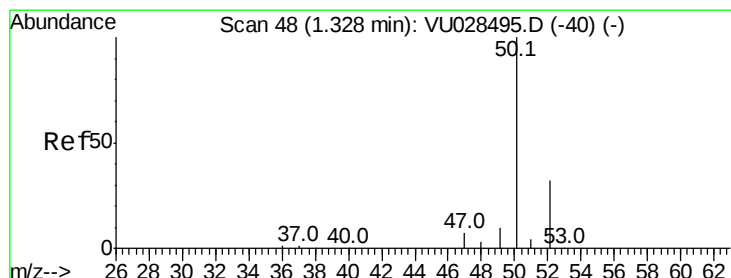
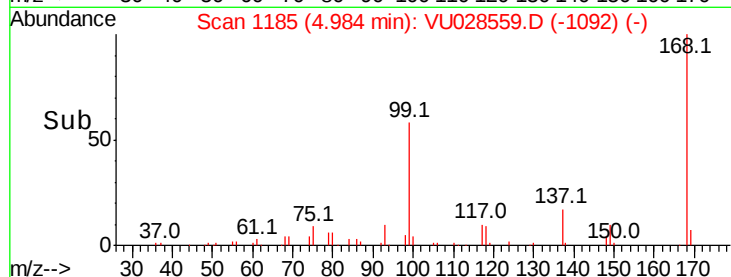
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.528 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min



#16

Acetone

Concen: 0.611 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

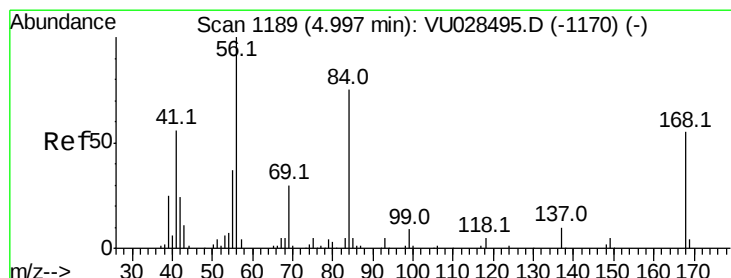
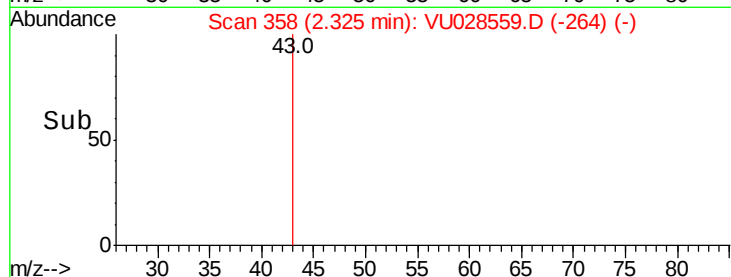
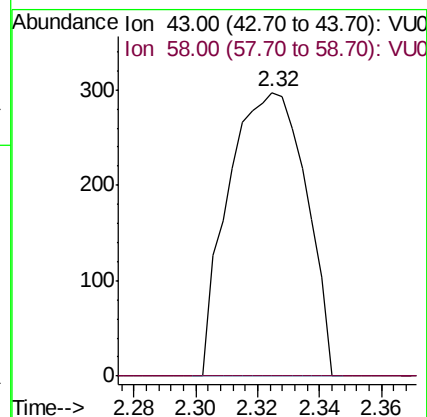
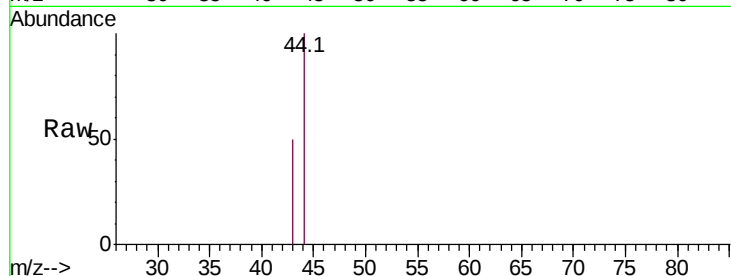
RE-123D2-20181207

Tot Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

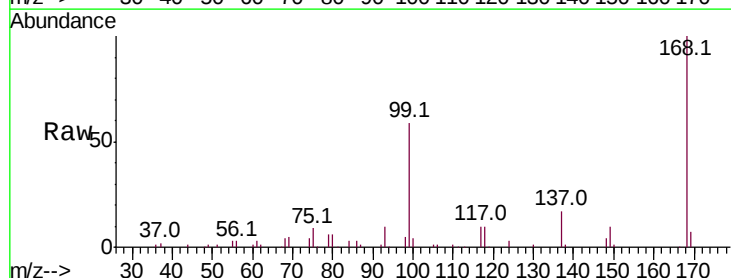
Tgt Ion: 56 Resp: 2074

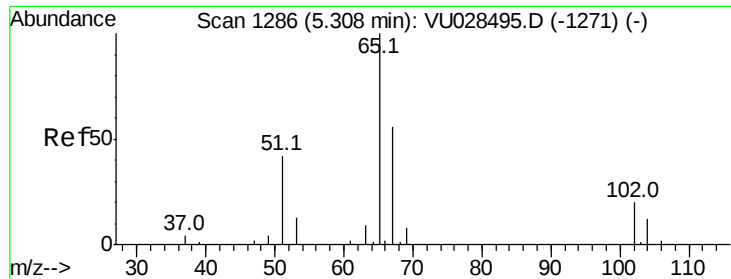
Ion Ratio Lower Upper

56 100

69 156.9 24.0 36.0#

84 118.9 59.7 89.5#

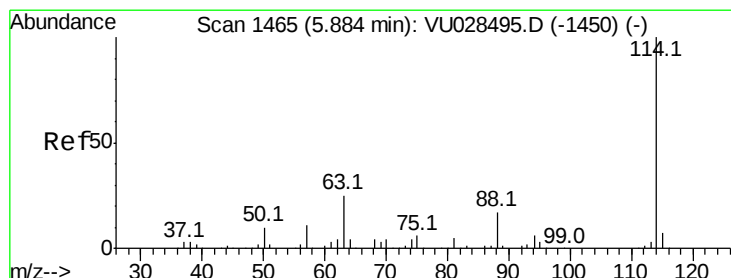
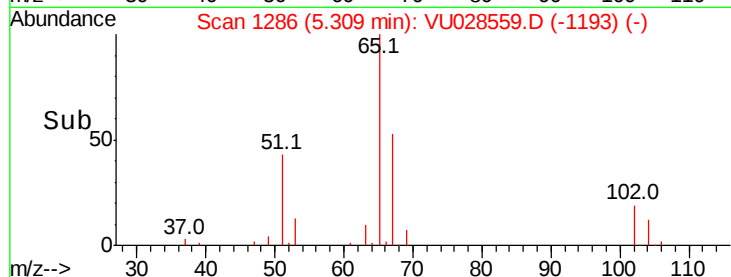
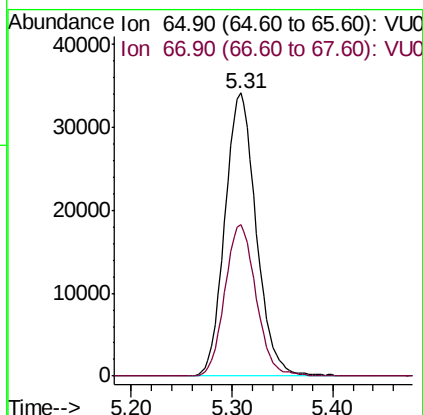
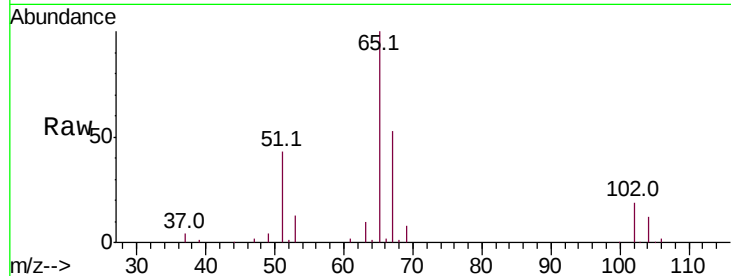




#33
 1,2-Dichloroethane-d4
 Concen: 57.120 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

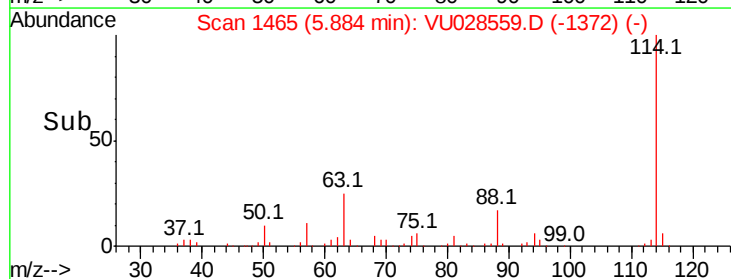
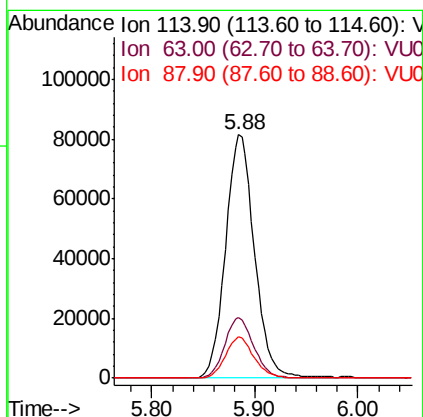
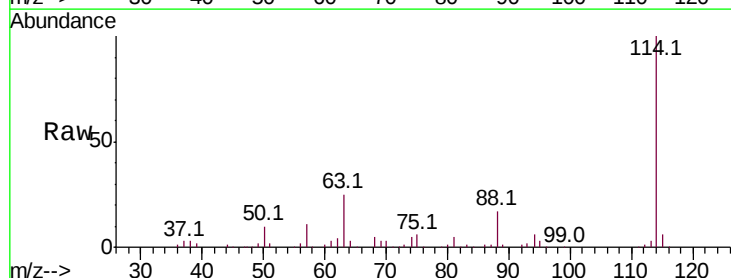
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

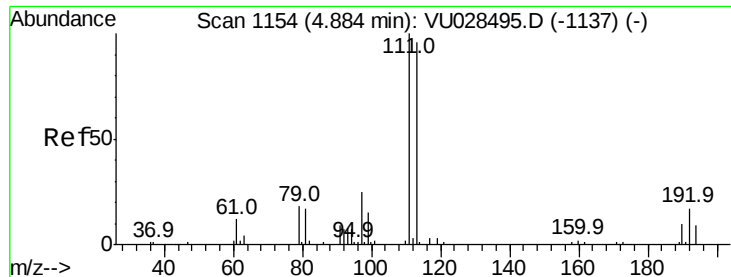
Tot Ion: 65 Resp: 73948
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

Tgt Ion: 114 Resp: 159550
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.8 0.0 33.4

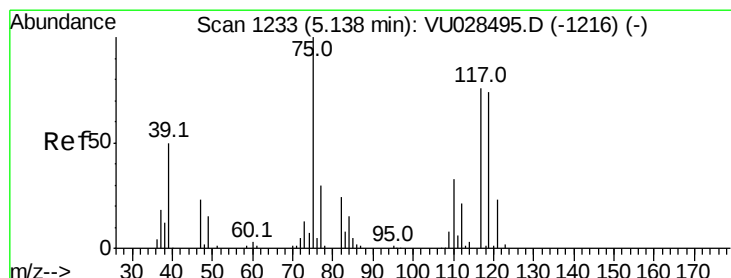
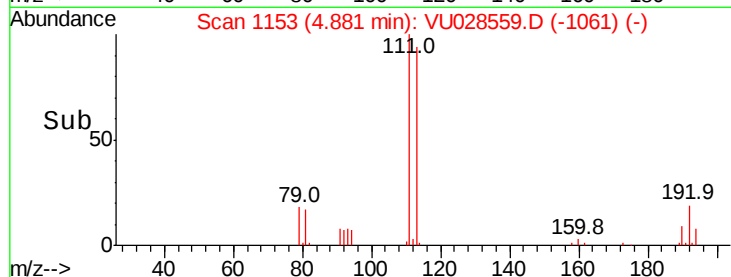
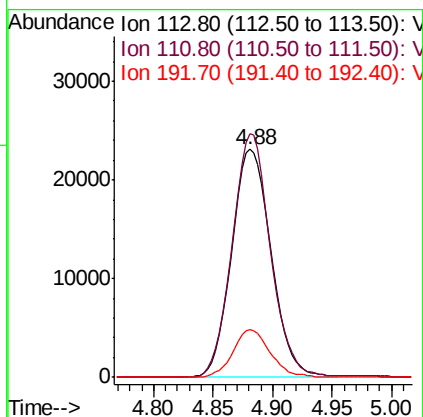
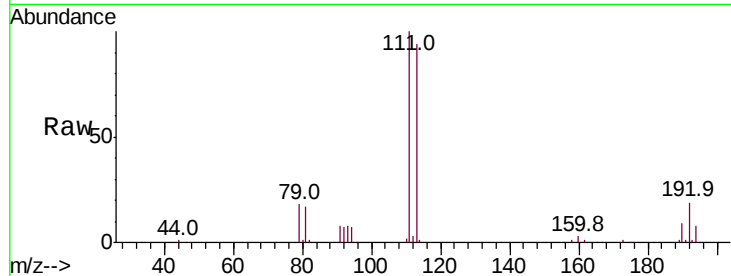




#35
 Dibromofluoromethane
 Concen: 53.020 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

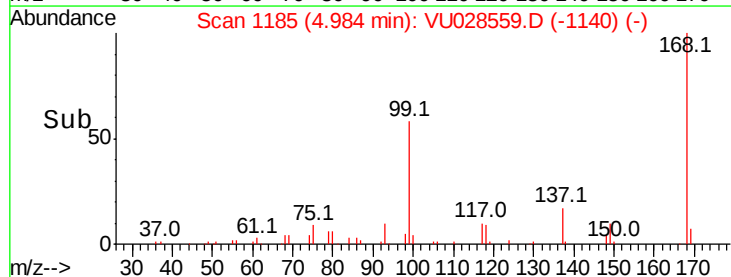
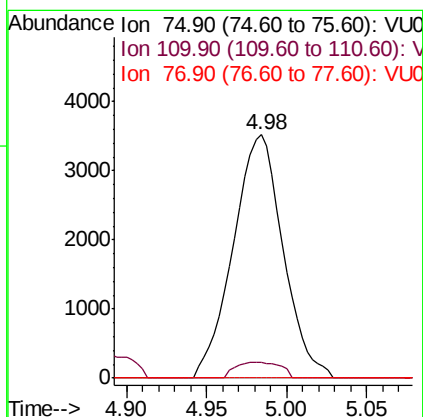
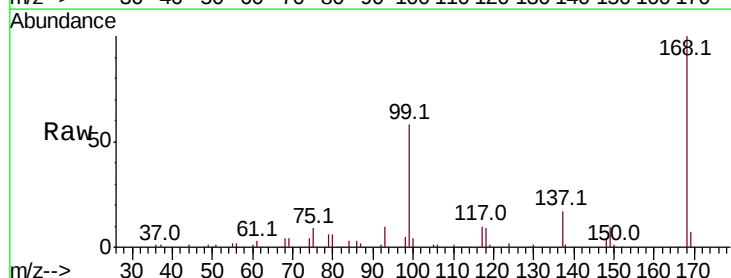
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

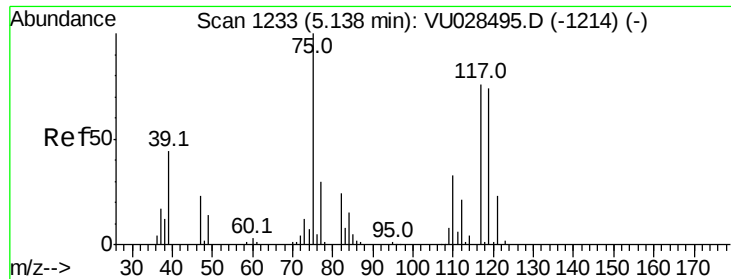
Tot Ion:113 Resp: 53235
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 19.5 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.303 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

Tgt Ion: 75 Resp: 7513
 Ion Ratio Lower Upper
 75 100
 110 5.8 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.937 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

RE-123D2-20181207

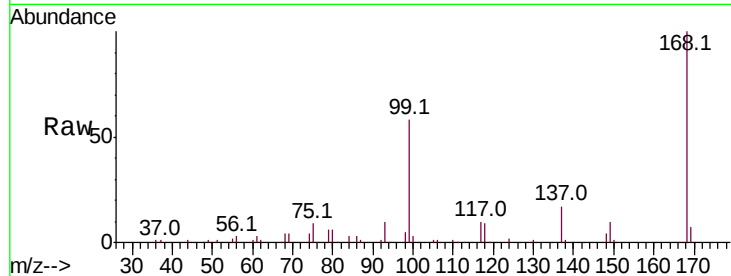
Tot Ion:117 Resp: 8354

Ion Ratio Lower Upper

117 100

119 4.5 77.6 116.4#

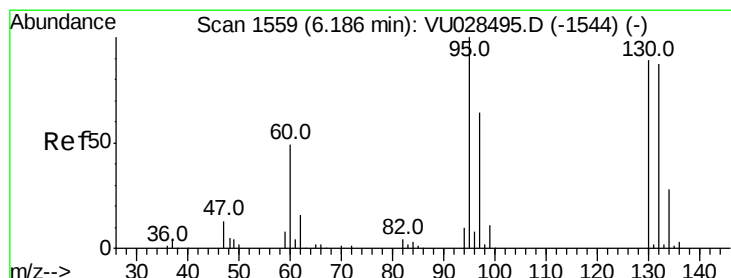
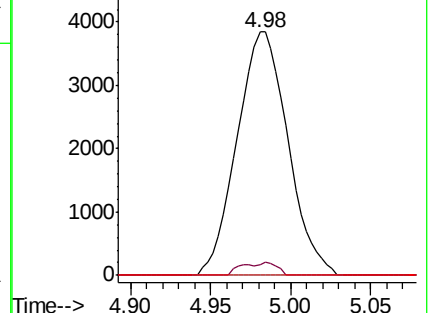
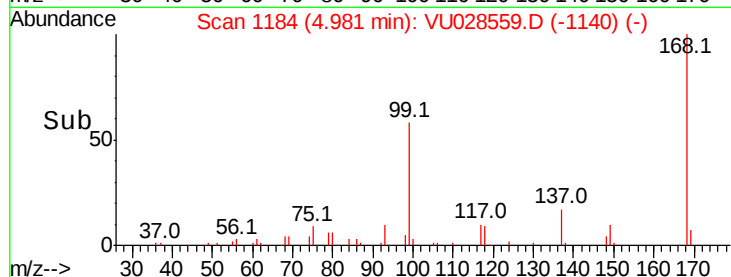
121 0.0 24.6 36.8#



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



#44

Trichloroethene

Concen: 3.389 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

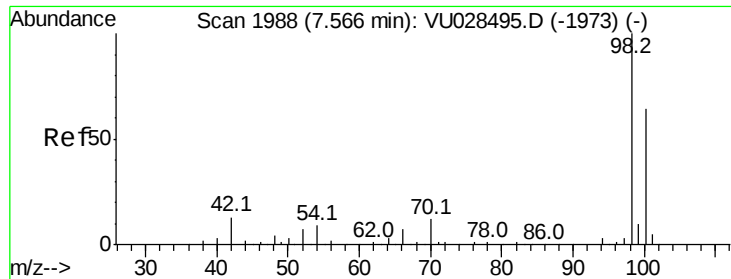
Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Tgt Ion:130 Resp: 3875

Ion Ratio Lower Upper

130 100



#50

Toluene-d8

Concen: 52.364 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

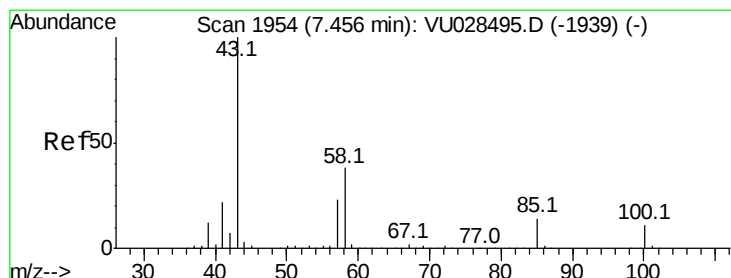
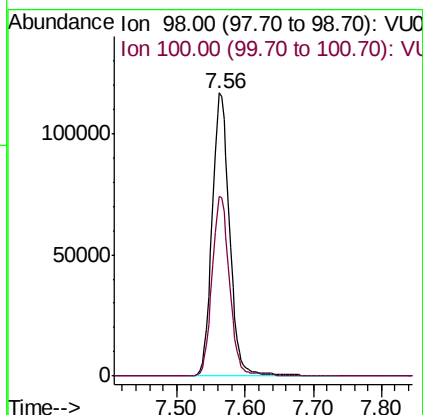
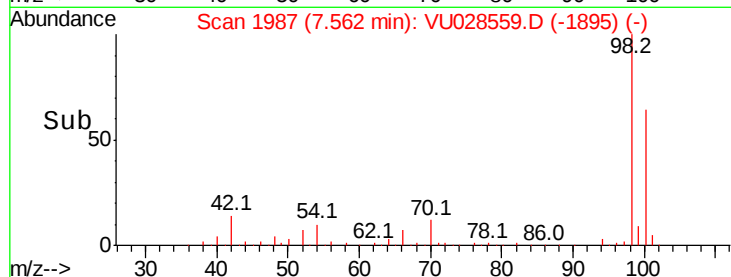
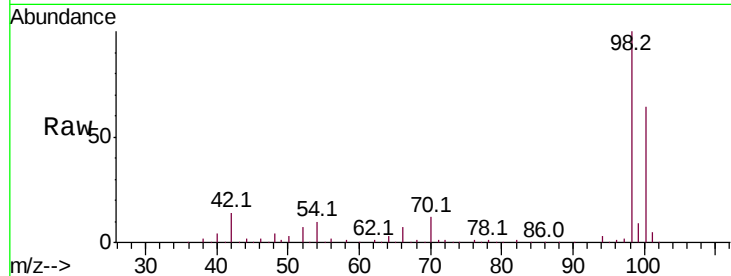
RE-123D2-20181207

Tot Ion: 98 Resp: 207983

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 7.56 min Scan# 1986

Delta R.T. 0.10 min

Lab File: VU028559.D

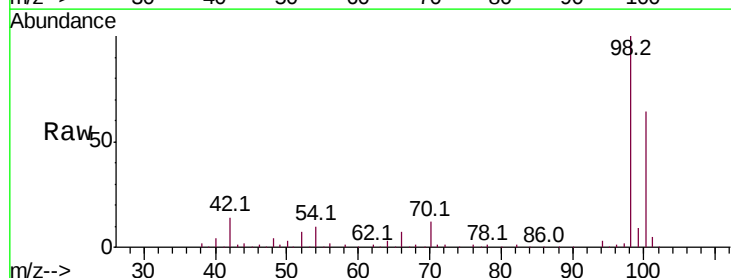
Acq: 10 Dec 2018 18:23

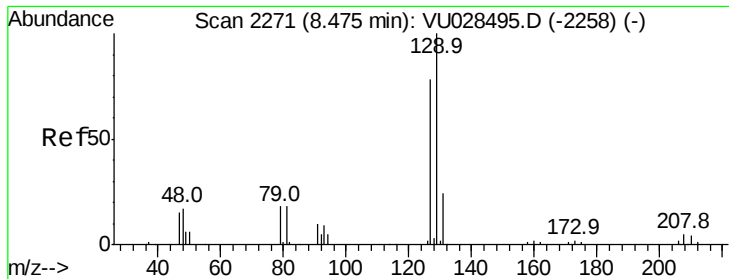
Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

58 168.6 30.2 45.2#





#60

Dibromochloromethane

Concen: 1.115 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

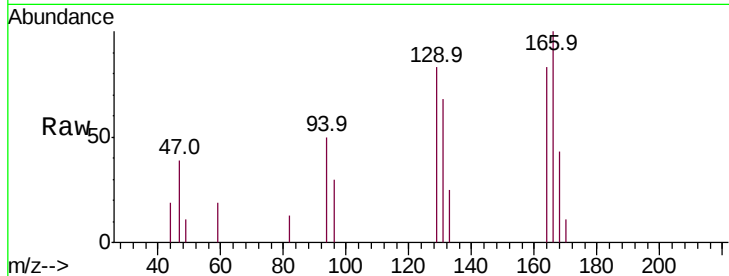
RE-123D2-20181207

Tot Ion:129 Resp: 1306

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.23

800

600

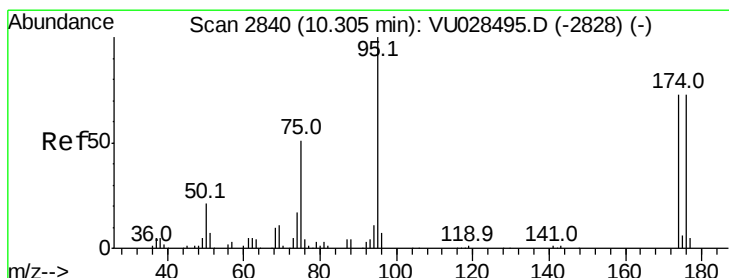
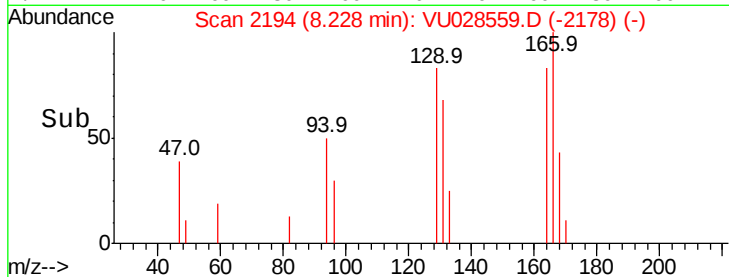
400

200

0

8.20 8.25

Time-->



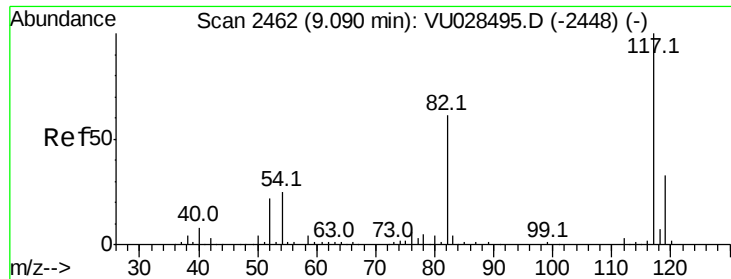
#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 10.31 min Scan# 2840

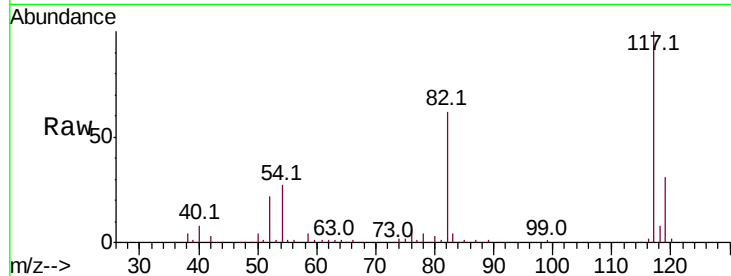
Delta R.T.



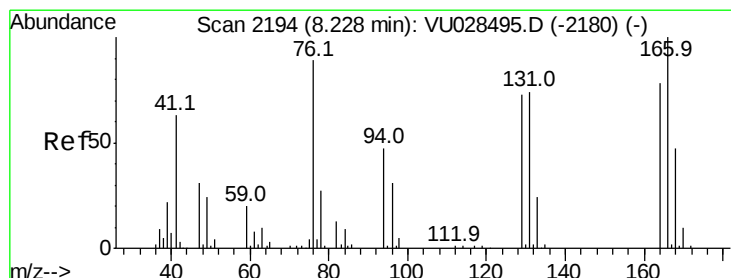
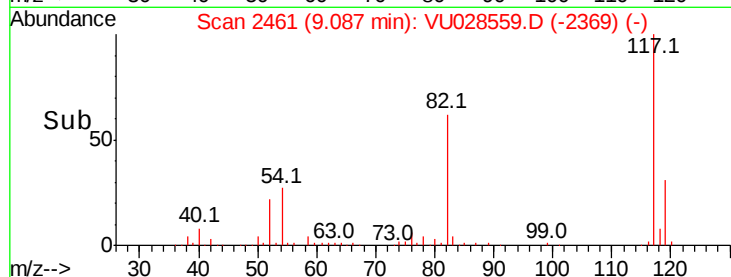
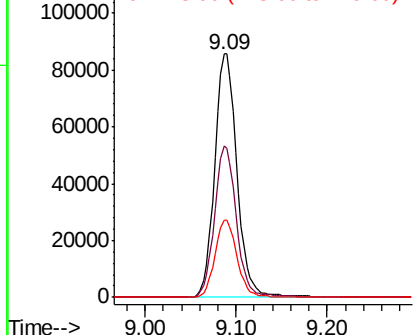
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028559.D
Acq: 10 Dec 2018 18:23

Instrument :
MSVOA_U
ClientSampleId :
RE-123D2-20181207

Tot Ion:117 Resp: 145846
Ion Ratio Lower Upper
117 100
82 62.1 48.9 73.3
119 31.5 26.2 39.4

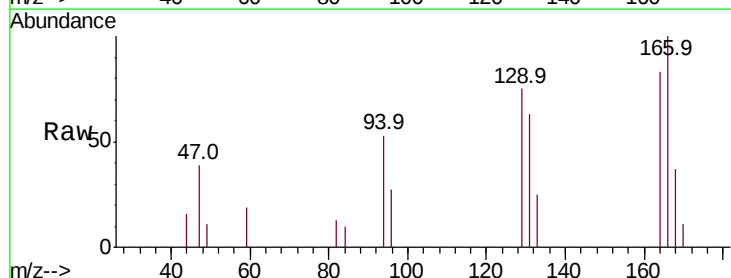


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

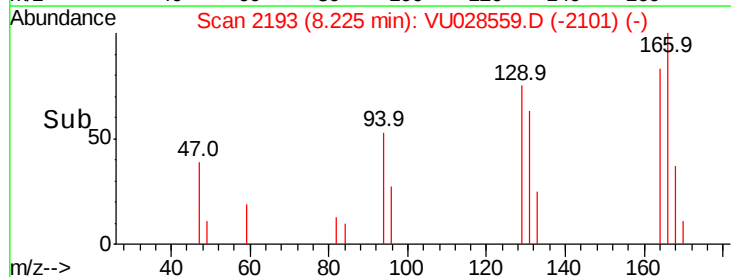
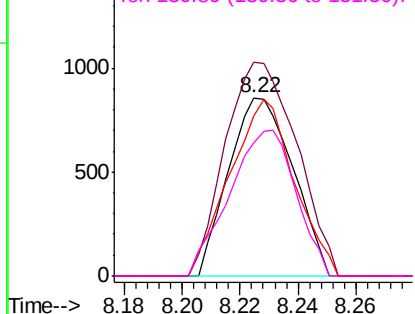


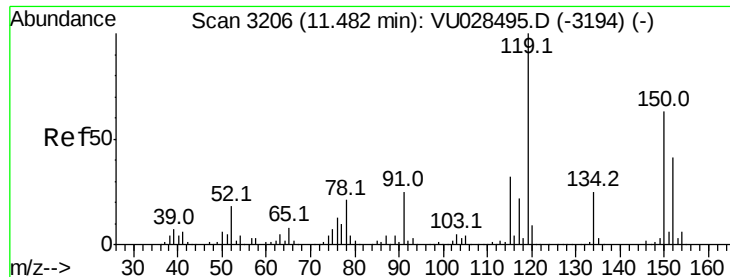
#64
Tetrachloroethene
Concen: 1.353 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028559.D
Acq: 10 Dec 2018 18:23

Tgt Ion:164 Resp: 1316
Ion Ratio Lower Upper
164 100
166 119.8 101.9 152.9
129 90.1 74.9 112.3
131 74.9 75.4 113.0#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

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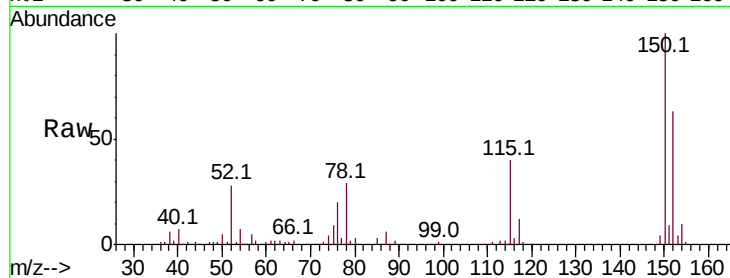
Tot Ion:152 Resp: 58188

Ion Ratio Lower Upper

152 100

115 61.8 42.7 128.1

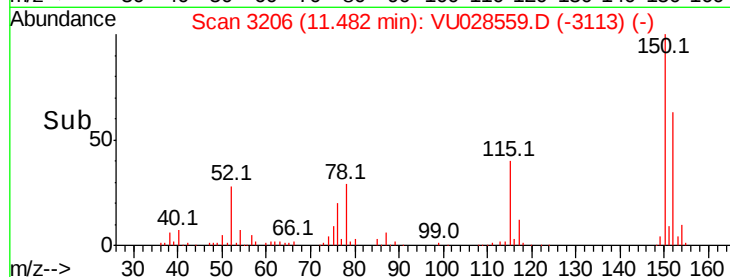
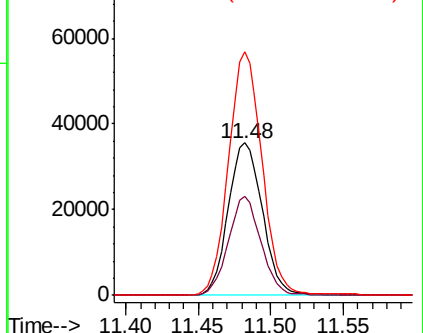
150 156.4 0.0 346.0

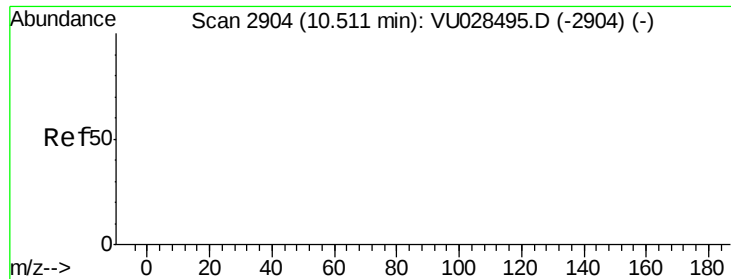


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 60.300 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

RE-123D2-20181207

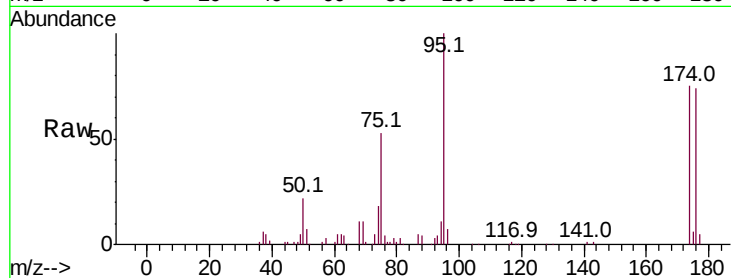
Tot Ion: 75 Resp: 36507

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

