

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028562.D
 Acq On : 10 Dec 2018 19:36
 Operator : MD/SY
 Sample : J6325-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D2-20181204

Quant Time: Dec 11 03:40:08 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

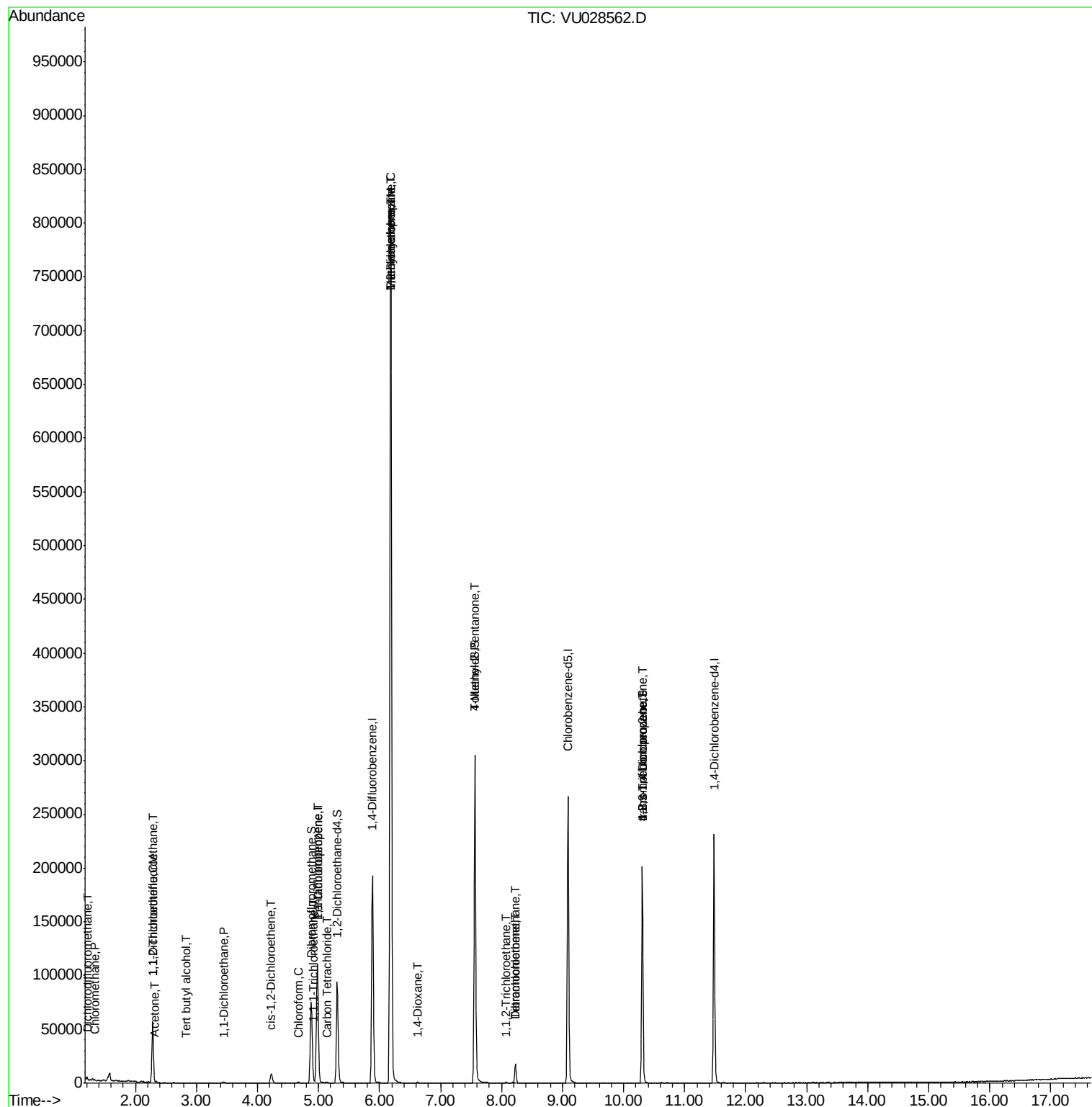
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	153873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71646	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	4.88	113	51714	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	7.57	98	201263	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	10.31	95	66798	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	538	0.497	ug/l	94
3) Chloromethane	1.33	50	1334	0.671	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	16221	17.957	ug/l	97
11) Tert butyl alcohol	2.83	59	166	0.605	ug/l #	73
12) 1,1-Dichloroethene	2.28	96	4877	5.426	ug/l	95
16) Acetone	2.33	43	407	0.506	ug/l #	44
24) 1,1-Dichloroethane	3.45	63	1337	0.618	ug/l #	85
27) cis-1,2-Dichloroethene	4.22	96	4876	4.257	ug/l	93
30) Chloroform	4.68	83	794	0.421	ug/l	95
31) Cyclohexane	4.98	56	1947	Below Cal	#	1
32) 1,1,1-Trichloroethane	4.92	97	350	0.223	ug/l #	42
36) 1,1-Dichloropropene	4.98	75	7161	4.253	ug/l #	48
38) Carbon Tetrachloride	5.14	117	560	0.413	ug/l #	70
39) Methylcyclohexane	6.18	83	3782	1.841	ug/l #	1
44) Trichloroethene	6.18	130	267921	242.975	ug/l	99
45) 1,2-Dichloropropane	6.18	63	959	0.688	ug/l #	1
49) 1,4-Dioxane	6.62	88	621	22.971	ug/l #	92
51) 4-Methyl-2-Pentanone	7.56	43	871	0.401	ug/l #	1
55) 1,1,2-Trichloroethane	8.07	97	324	0.281	ug/l	94
60) Dibromochloromethane	8.23	129	3774	3.341	ug/l #	10
64) Tetrachloroethene	8.23	164	4193	4.477	ug/l	87
76) 1,2,3-Trichloropropane	10.30	75	35034	24.412	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	35034	59.916	ug/l #	100

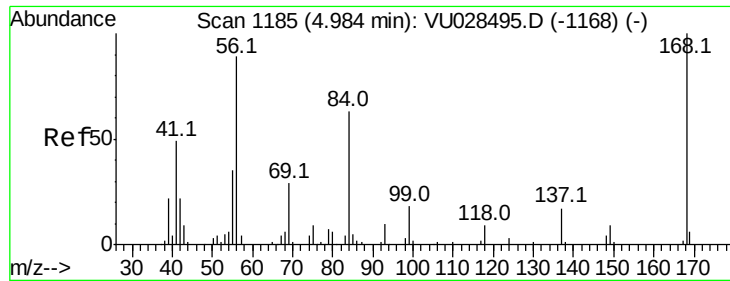
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

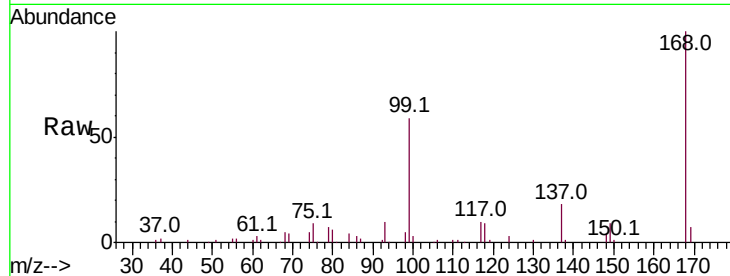
RE-125D2-20181204

Tot Ion:168 Resp: 80724

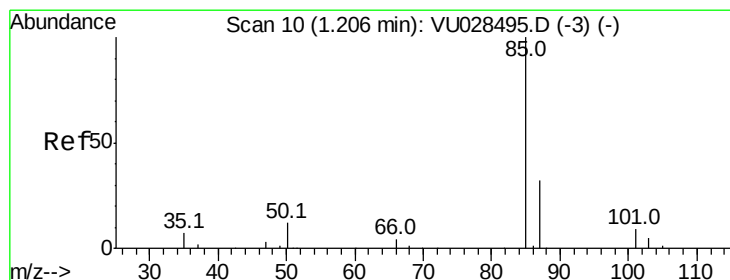
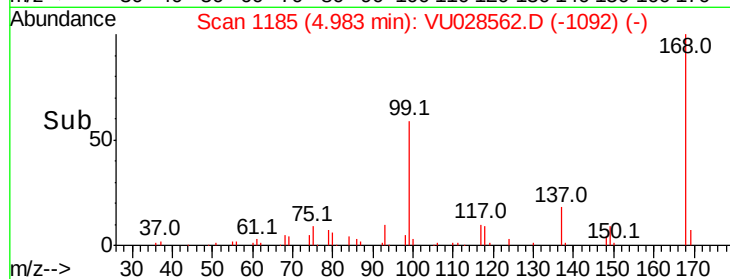
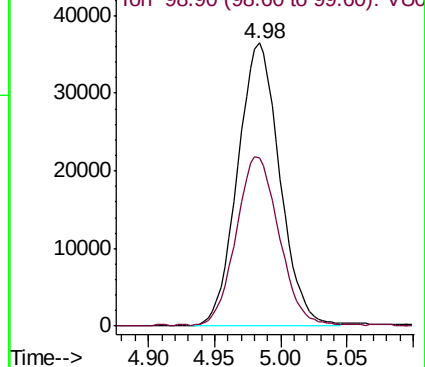
Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



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



#2

Dichlorodifluoromethane

Concen: 0.497 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028562.D

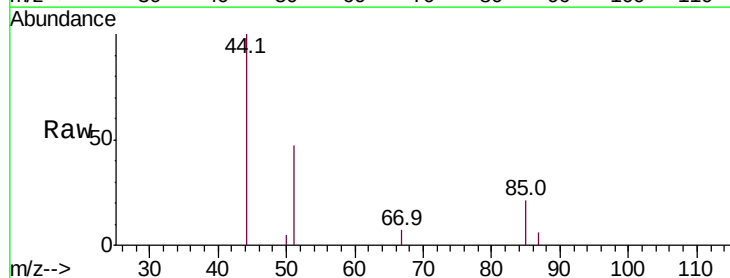
Acq: 10 Dec 2018 19:36

Tgt Ion: 85 Resp: 538

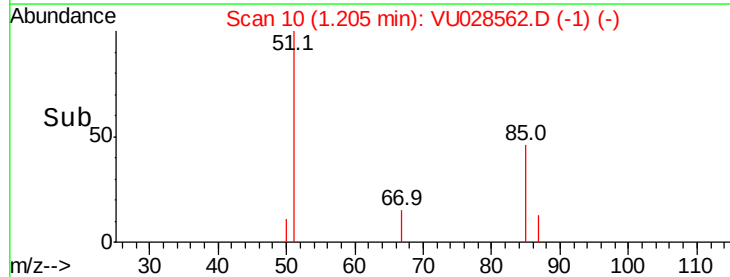
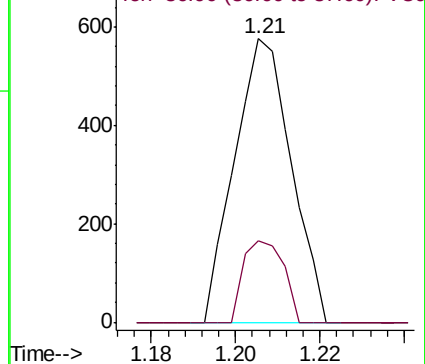
Ion Ratio Lower Upper

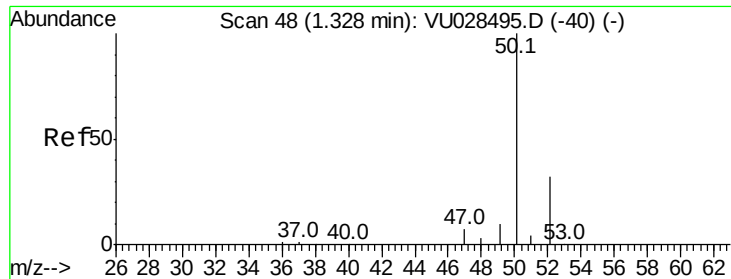
85 100

87 28.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VU028495.D (-3) (-)





#3

Chloromethane

Concen: 0.671 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

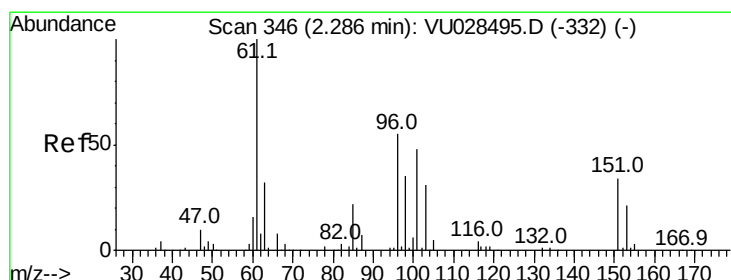
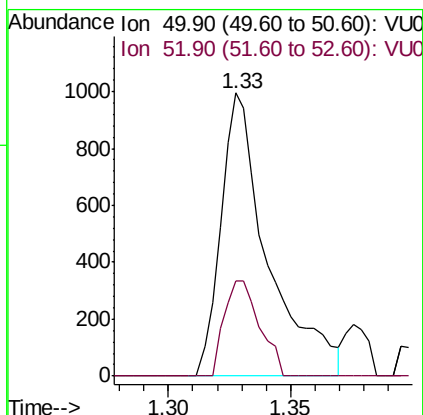
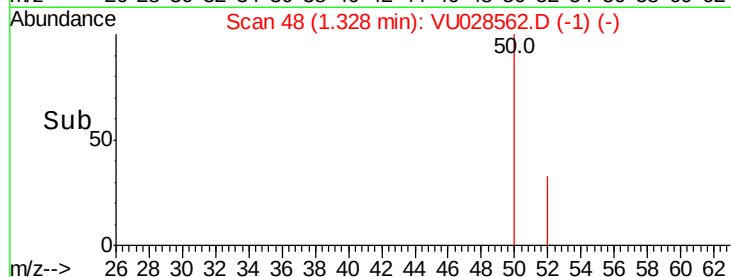
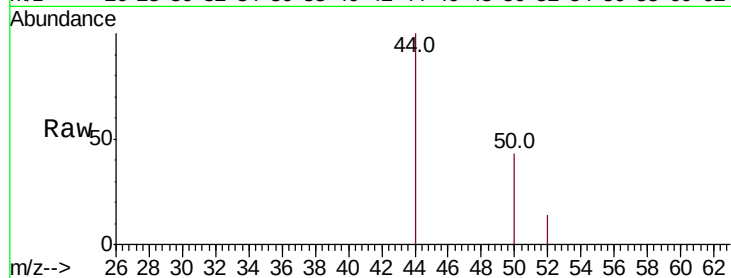
RE-125D2-20181204

Tot Ion: 50 Resp: 1334

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.957 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

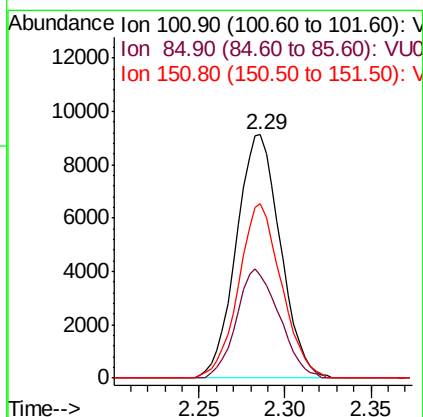
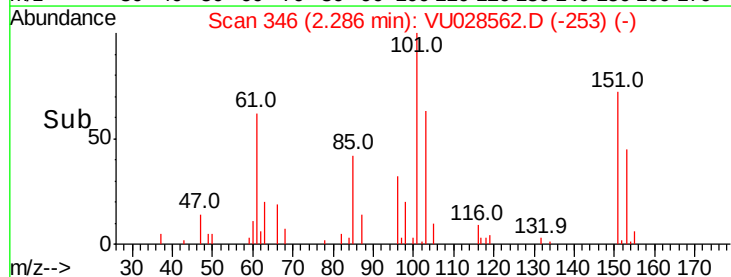
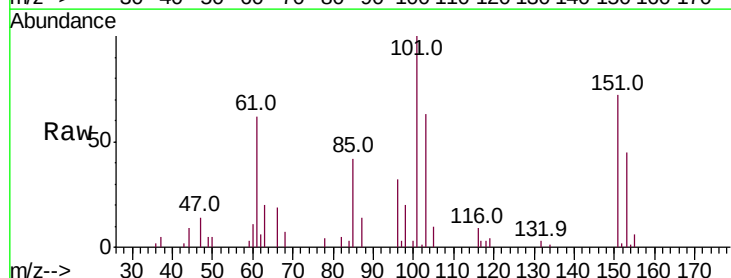
Tgt Ion:101 Resp: 16221

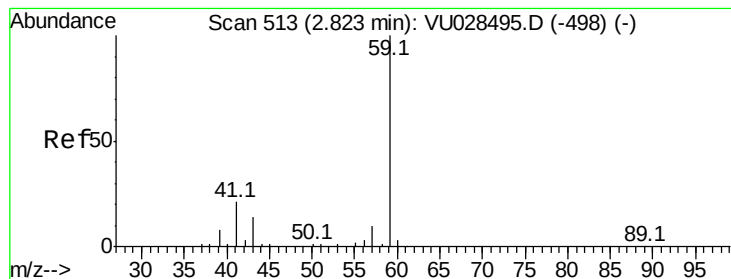
Ion Ratio Lower Upper

101 100

85 43.6 36.4 54.6

151 70.0 58.2 87.2



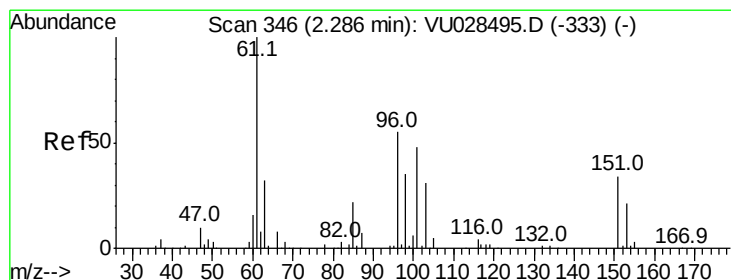
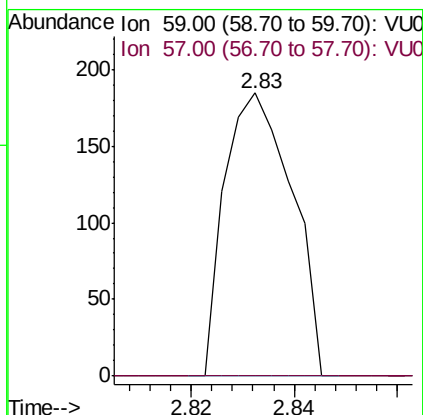
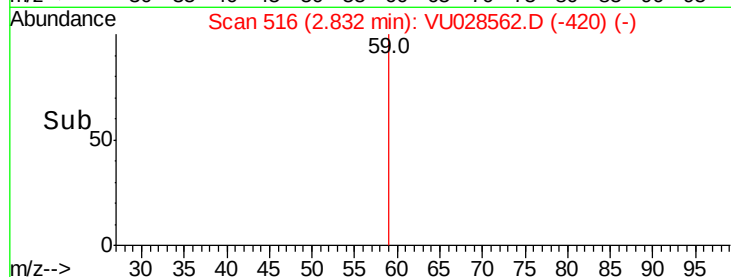
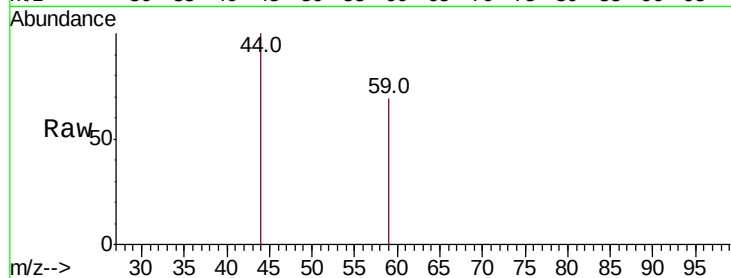


#11

Tert butyl alcohol
 Concen: 0.605 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D2-20181204

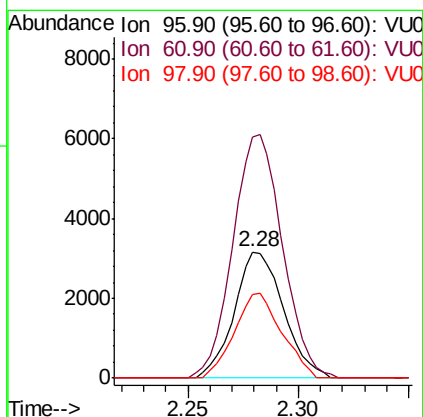
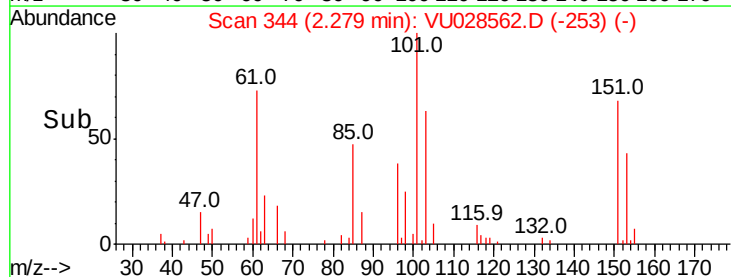
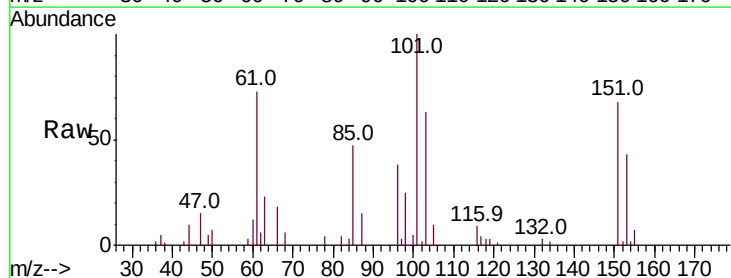
Tot Ion: 59 Resp: 166
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

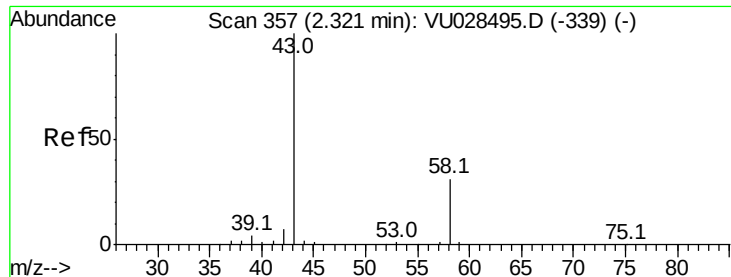


#12

1,1-Dichloroethene
 Concen: 5.426 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Tgt Ion: 96 Resp: 4877
 Ion Ratio Lower Upper
 96 100
 61 191.1 146.4 219.6
 98 66.3 51.8 77.8





#16

Acetone

Concen: 0.506 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

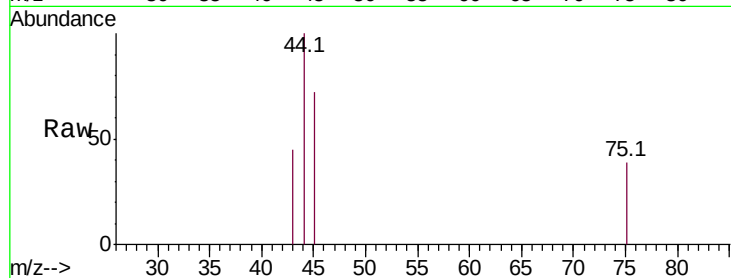
RE-125D2-20181204

Tot Ion: 43 Resp: 407

Ion Ratio Lower Upper

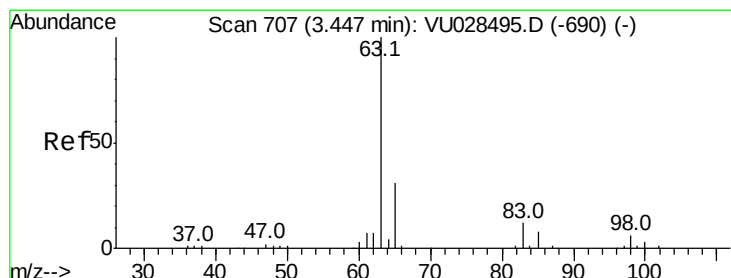
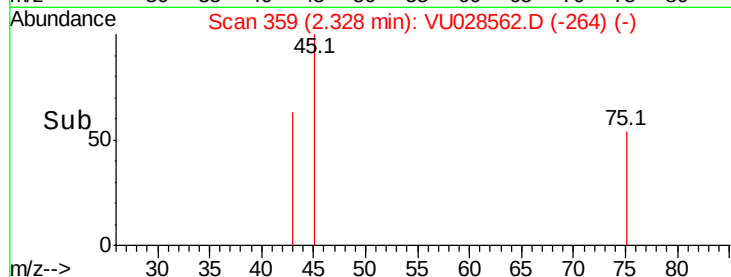
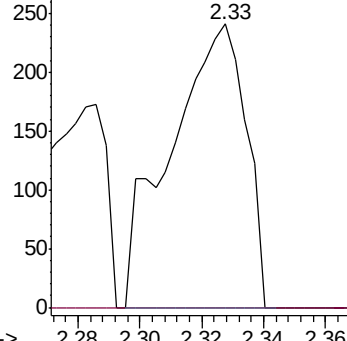
43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#24

1,1-Dichloroethane

Concen: 0.618 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

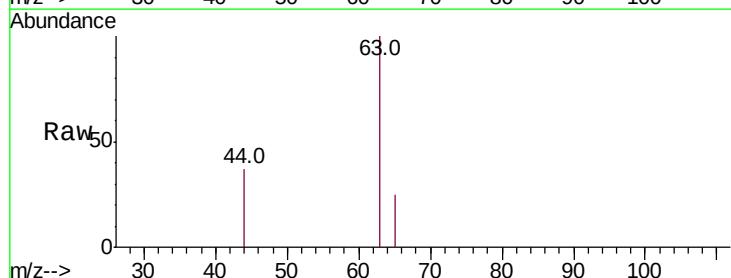
Tgt Ion: 63 Resp: 1337

Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.2#

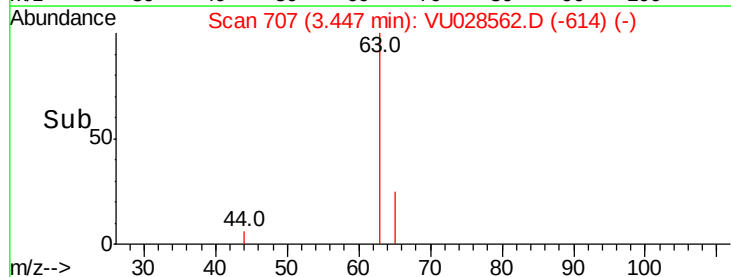
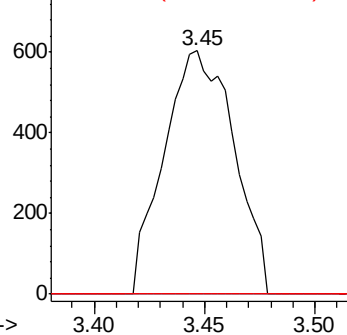
100 0.0 1.7 5.1#

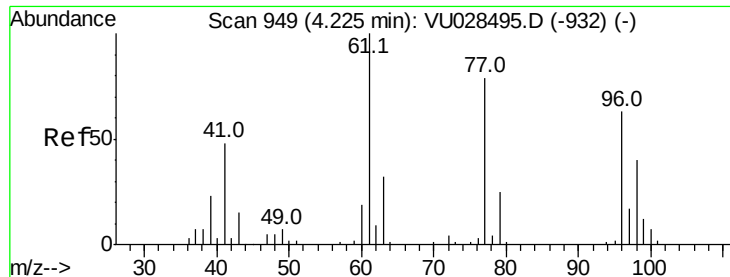


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



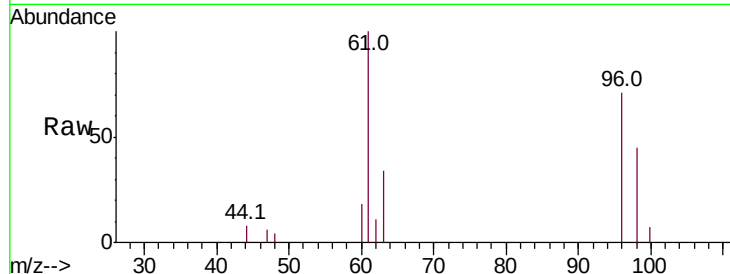


#27

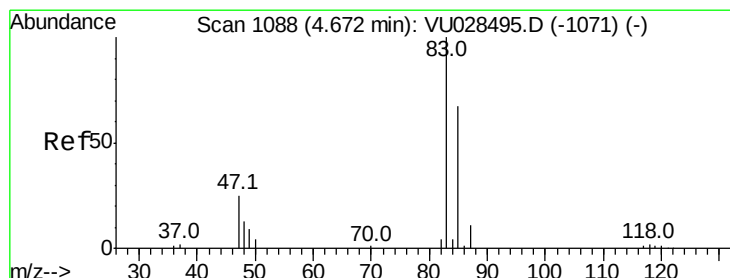
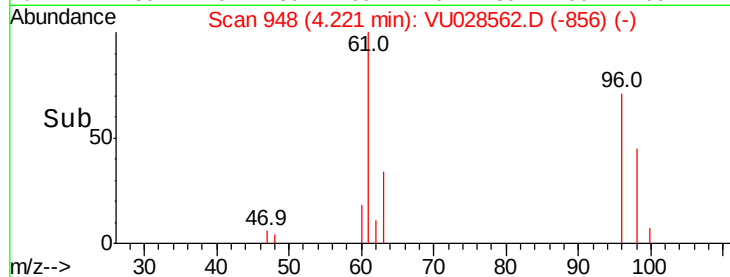
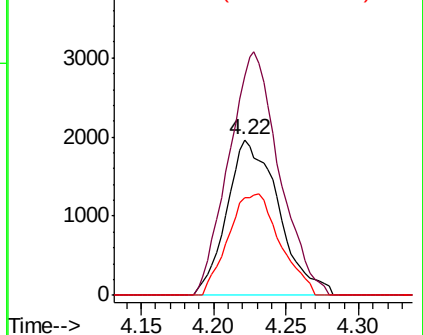
cis-1,2-Dichloroethene
 Concen: 4.257 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D2-20181204

Tot Ion: 96 Resp: 4876
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 332.4
 98 64.5 0.0 129.0



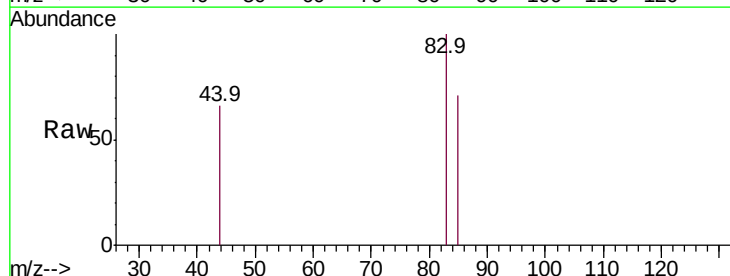
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



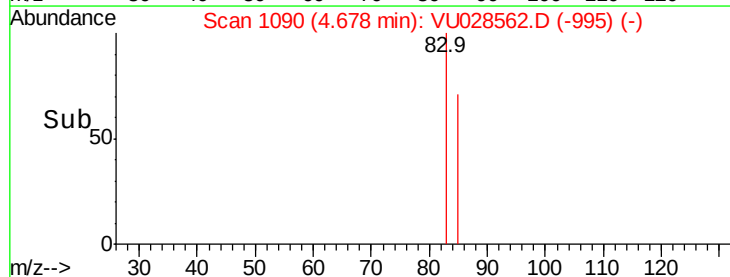
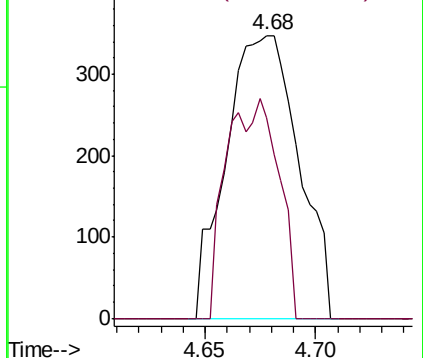
#30

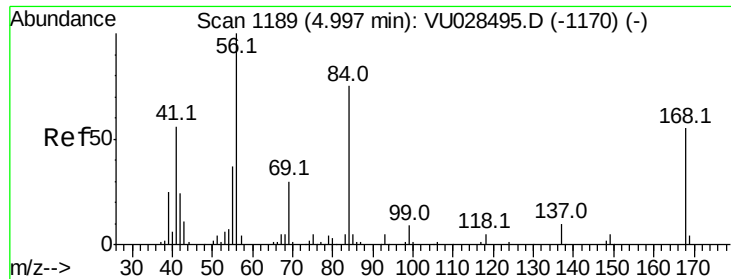
Chloroform
 Concen: 0.421 ug/l
 RT: 4.68 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Tgt Ion: 83 Resp: 794
 Ion Ratio Lower Upper
 83 100
 85 71.0 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

RE-125D2-20181204

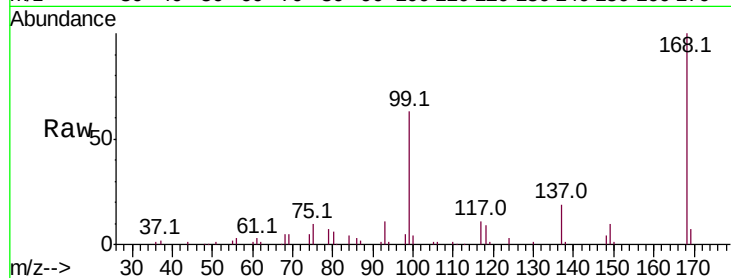
Tot Ion: 56 Resp: 1947

Ion Ratio Lower Upper

56 100

69 165.0 24.0 36.0#

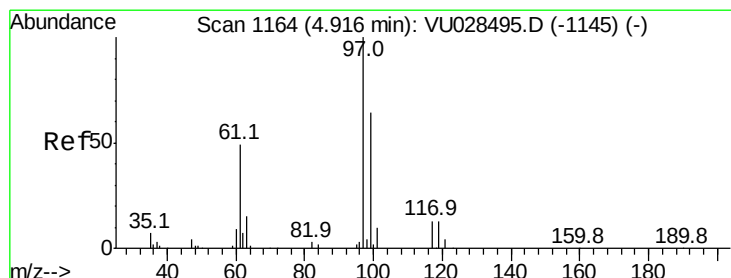
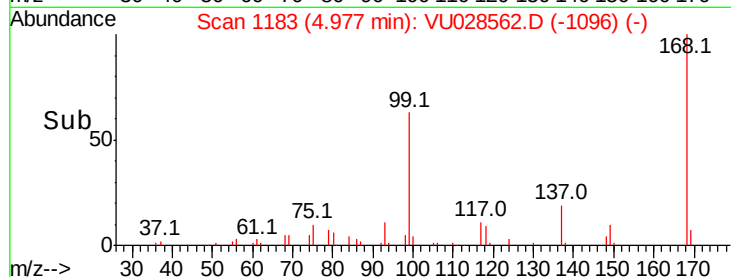
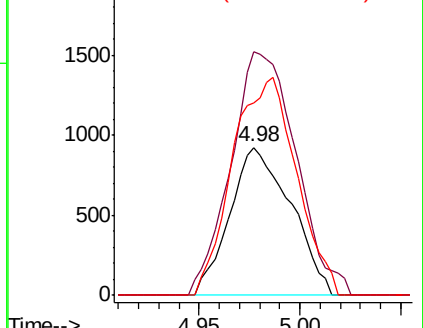
84 130.5 59.7 89.5#



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



#32

1,1,1-Trichloroethane

Concen: 0.223 ug/l

RT: 4.92 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

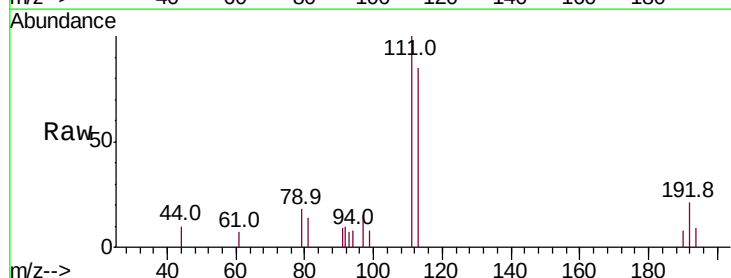
Tgt Ion: 97 Resp: 350

Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

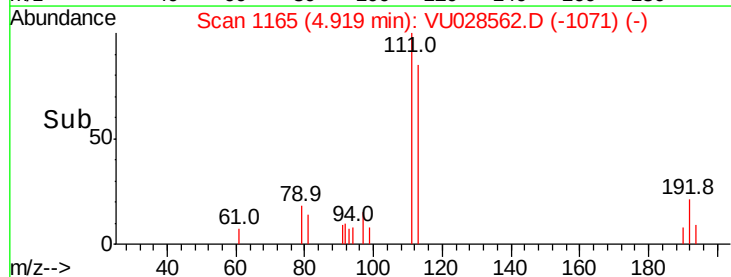
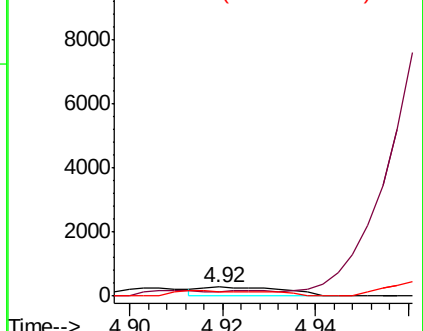
61 65.1 39.0 58.6#

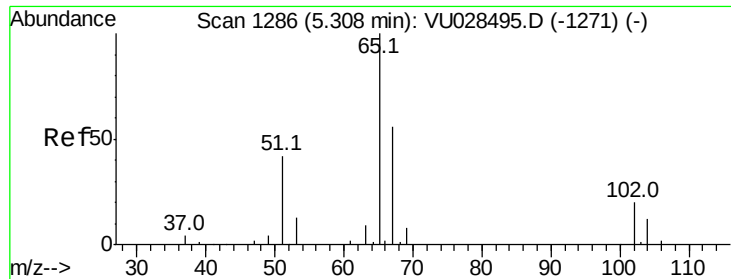


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

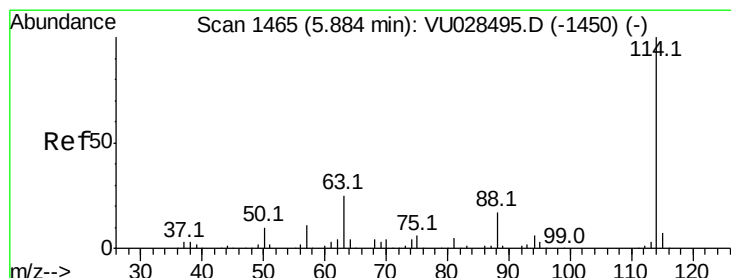
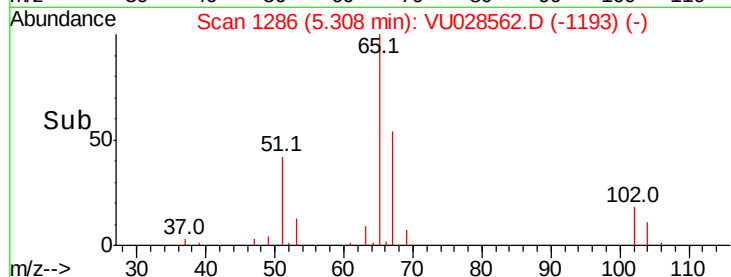
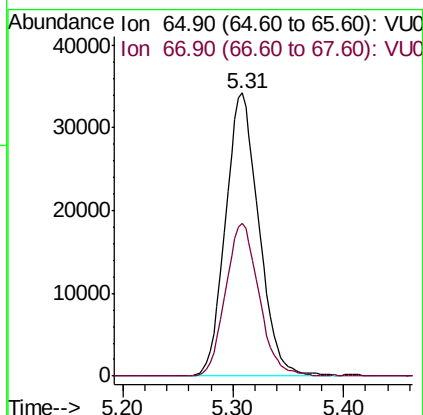
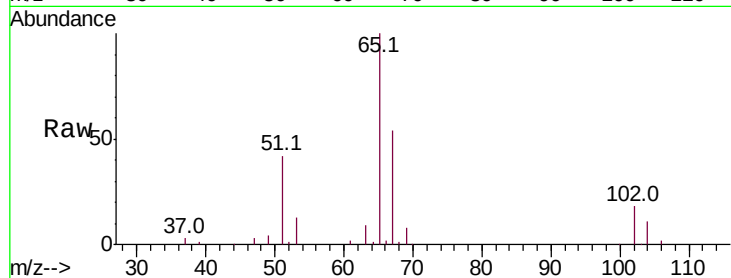




#33
 1,2-Dichloroethane-d4
 Concen: 58.159 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

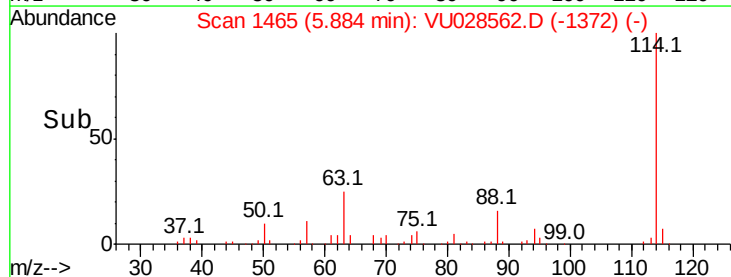
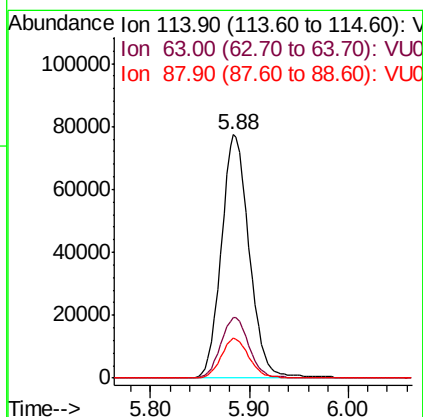
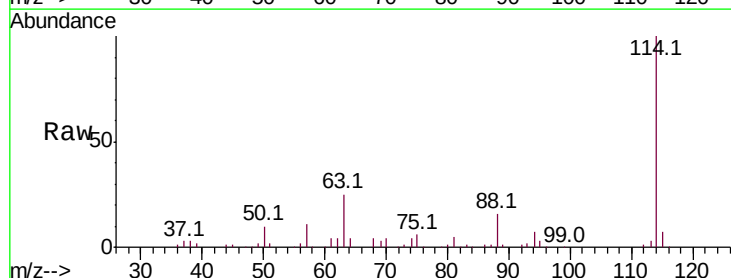
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D2-20181204

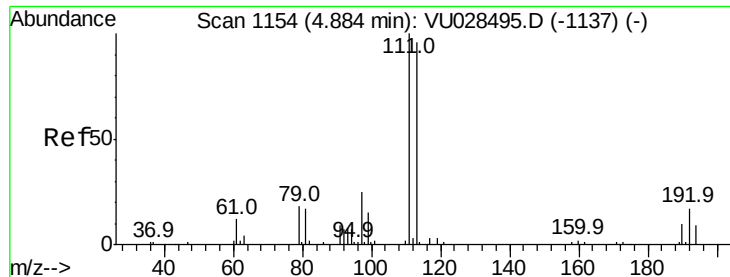
Tot Ion: 65 Resp: 71646
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Tgt Ion: 114 Resp: 153873
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.405 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

RE-125D2-20181204

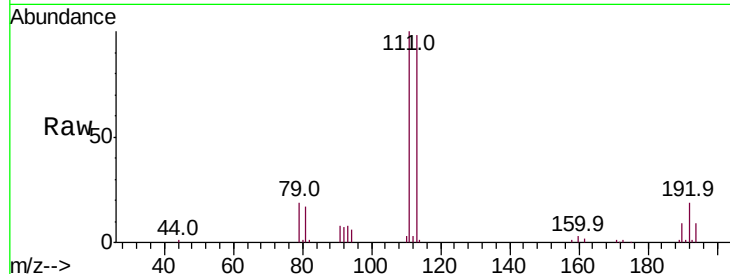
Tot Ion:113 Resp: 51714

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.0

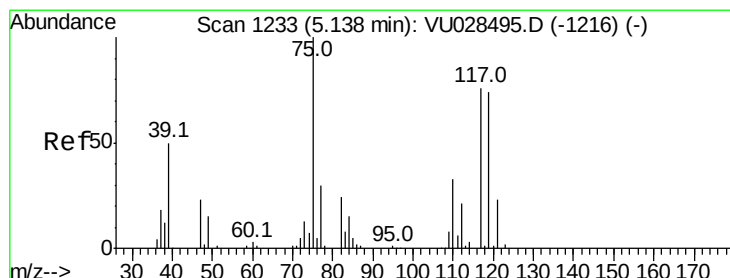
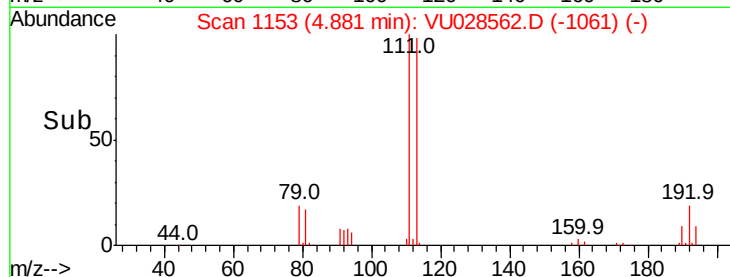
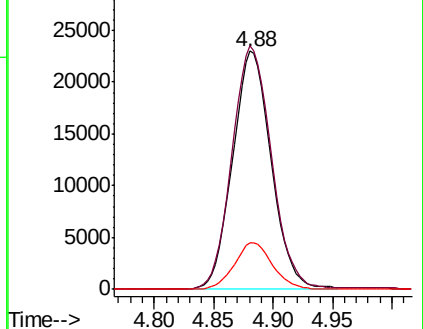
192 19.2 14.8 22.2



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: 4.253 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

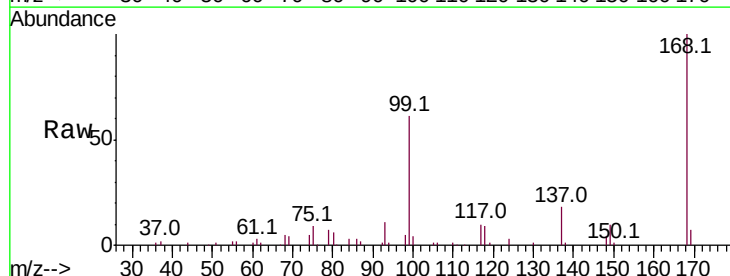
Tgt Ion: 75 Resp: 7161

Ion Ratio Lower Upper

75 100

110 5.0 16.1 48.2#

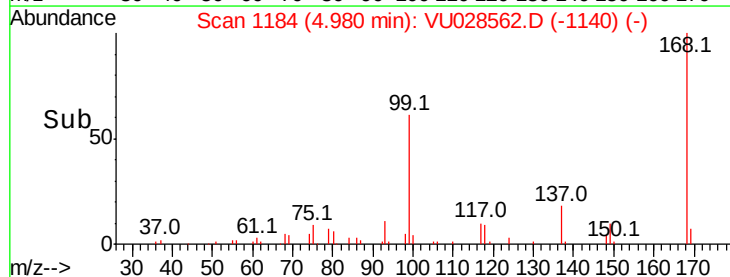
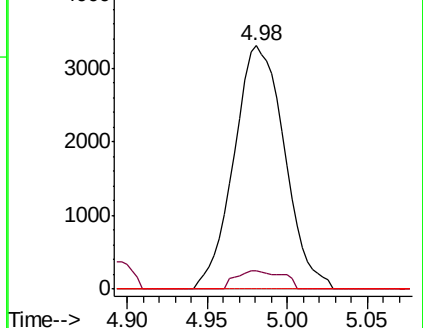
77 0.0 24.5 36.7#

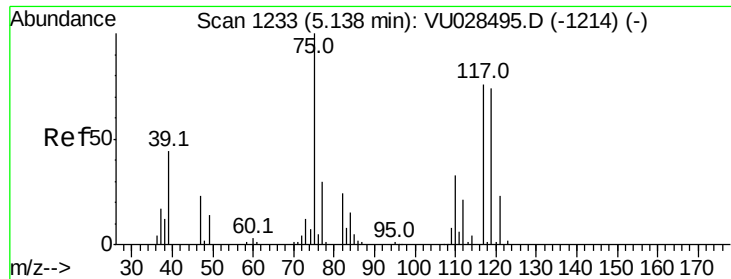


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 0.413 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

RE-125D2-20181204

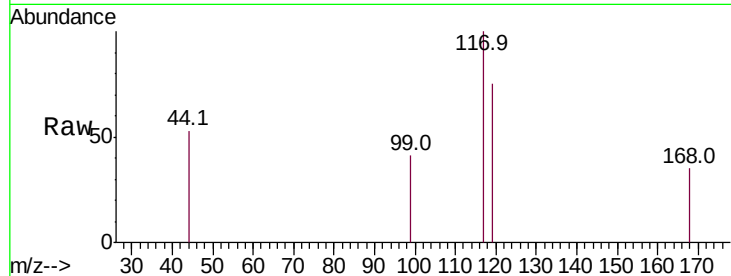
Tot Ion:117 Resp: 560

Ion Ratio Lower Upper

117 100

119 75.4 77.6 116.4#

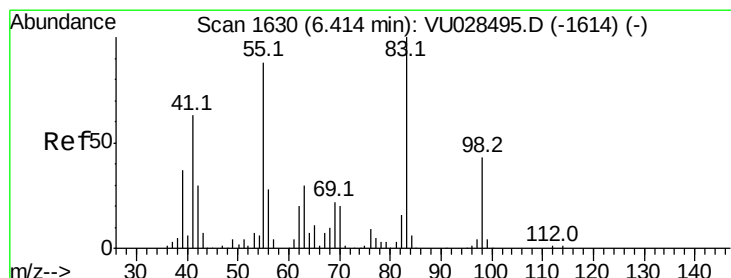
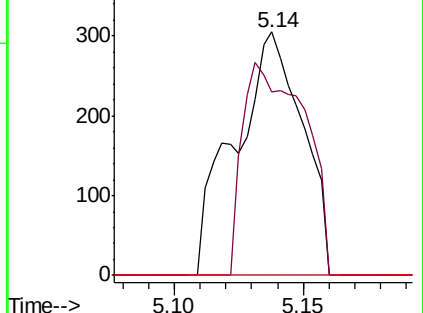
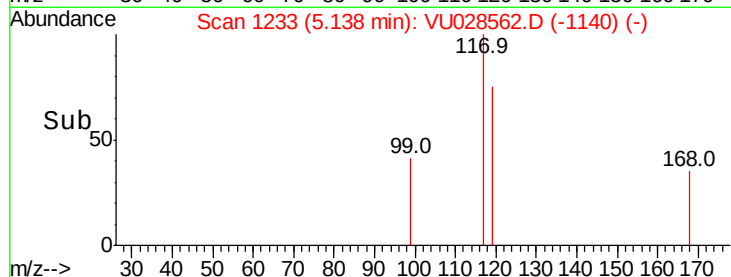
121 0.0 24.6 36.8#



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: 1.841 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.23 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

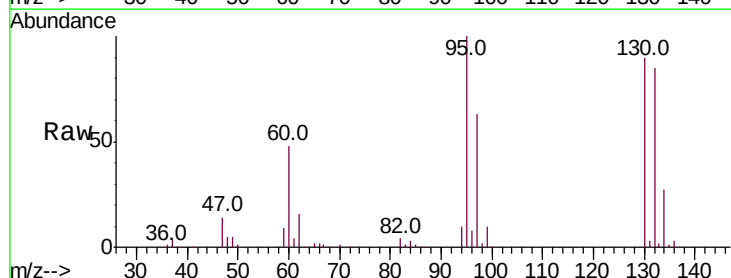
Tgt Ion: 83 Resp: 3782

Ion Ratio Lower Upper

83 100

55 0.0 70.2 105.2#

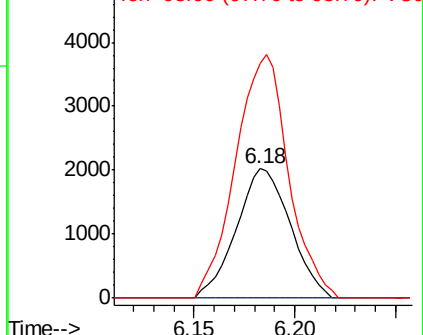
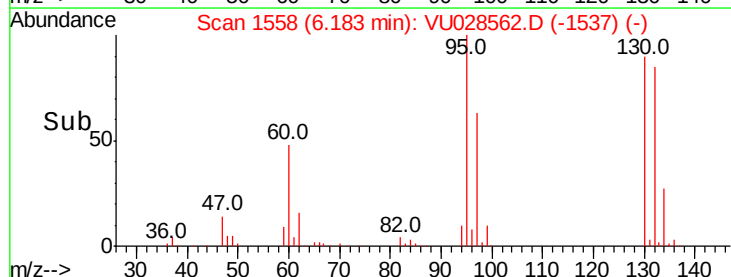
98 180.9 34.2 51.4#

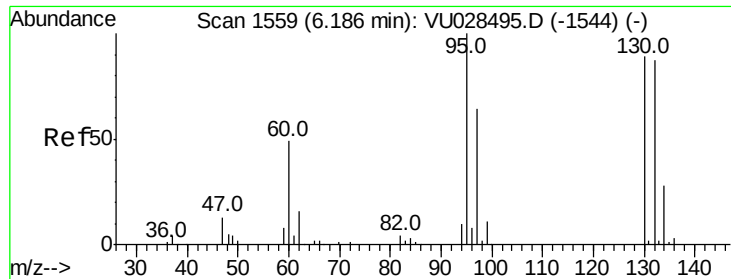


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#44

Trichloroethene

Concen: 242.975 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

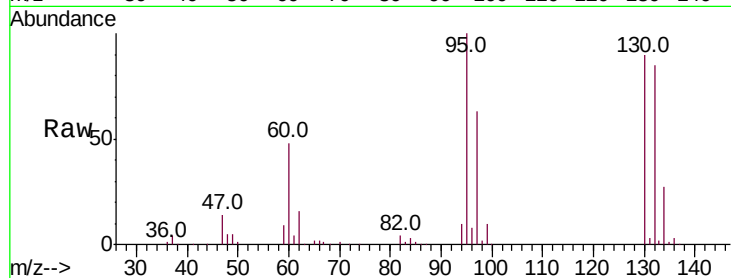
RE-125D2-20181204

Tot Ion:130 Resp: 267921

Ion Ratio Lower Upper

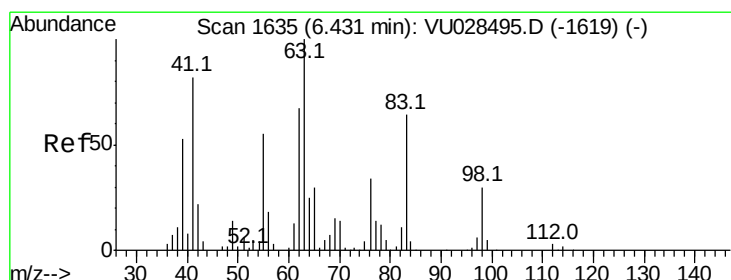
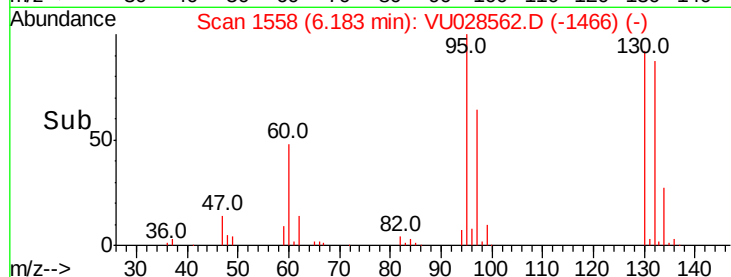
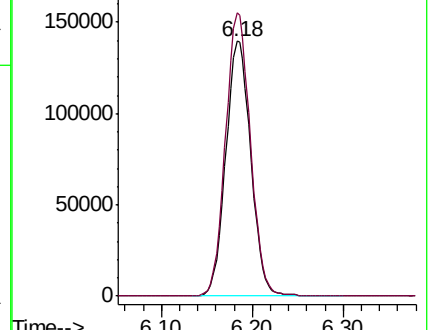
130 100

95 110.9 0.0 224.0



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

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#45

1,2-Dichloropropane

Concen: 0.688 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.25 min

Lab File: VU028562.D

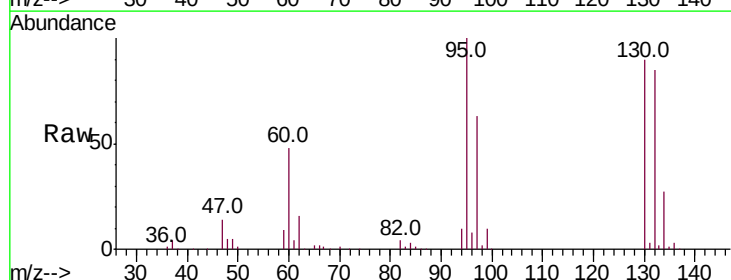
Acq: 10 Dec 2018 19:36

Tgt Ion: 63 Resp: 959

Ion Ratio Lower Upper

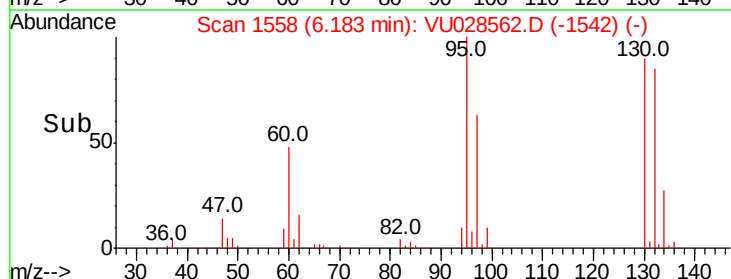
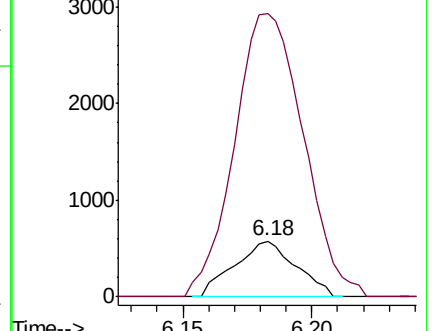
63 100

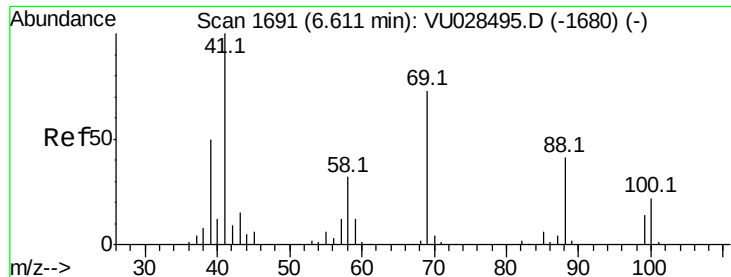
65 479.8 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VU028495.D (-1619) (-)

Ion 64.90 (64.60 to 65.60): VU028495.D (-1619) (-)





#49

1,4-Dioxane

Concen: 22.971 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

RE-125D2-20181204

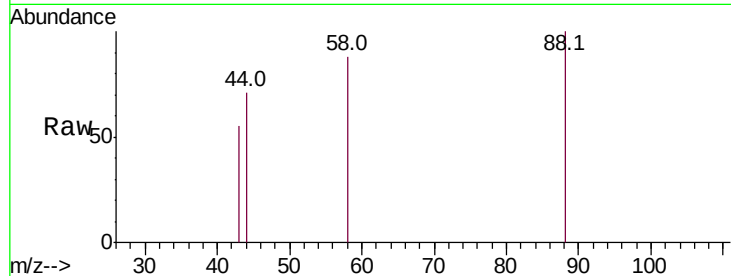
Tot Ion: 88 Resp: 621

Ion Ratio Lower Upper

88 100

43 30.6 30.9 46.3#

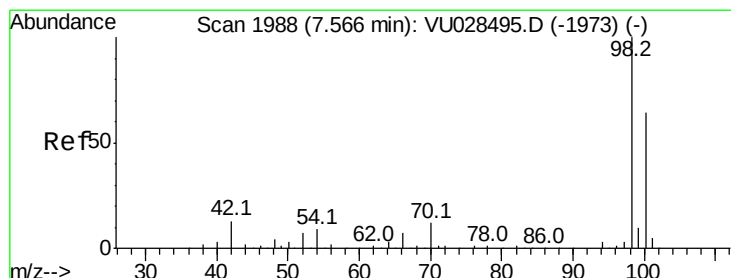
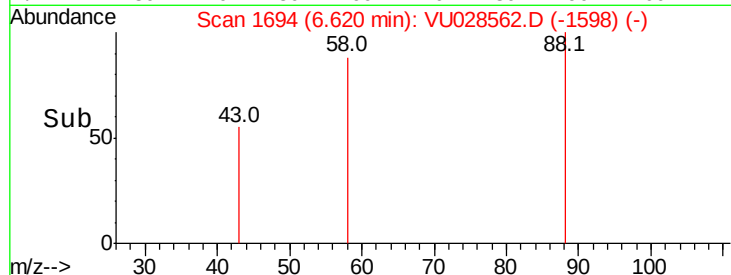
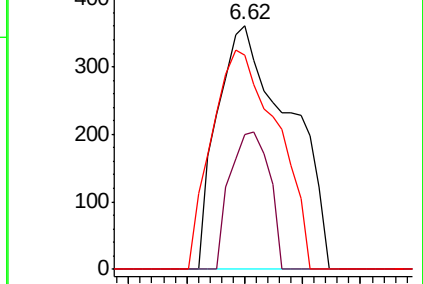
58 82.3 62.4 93.6



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 52.541 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028562.D

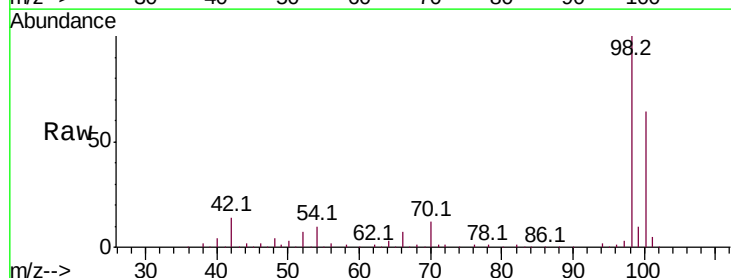
Acq: 10 Dec 2018 19:36

Tgt Ion: 98 Resp: 201263

Ion Ratio Lower Upper

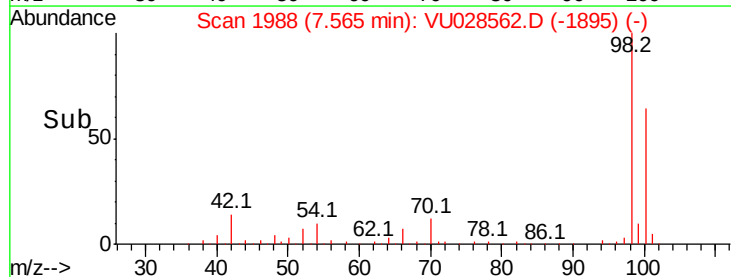
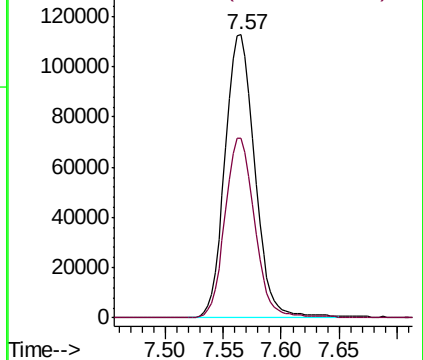
98 100

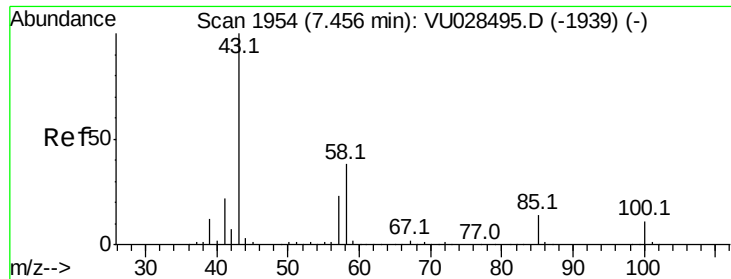
100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.401 ug/l

RT: 7.56 min Scan# 1986

Delta R.T. 0.10 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

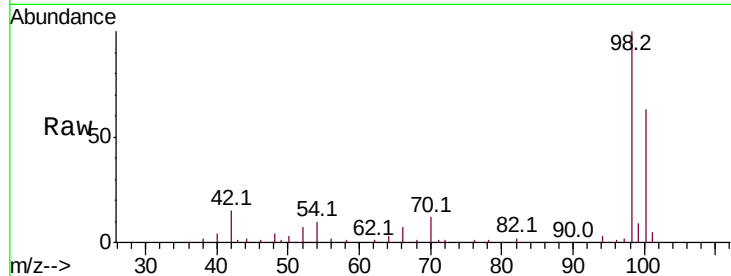
RE-125D2-20181204

Tot Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

58 217.7 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028562.D (-1986) (-)

Ion 58.00 (57.70 to 58.70): VU028562.D (-1986) (-)

1500

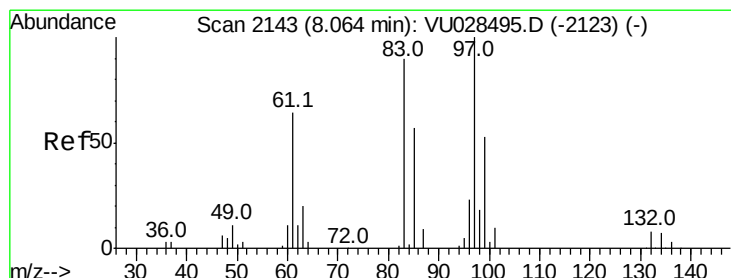
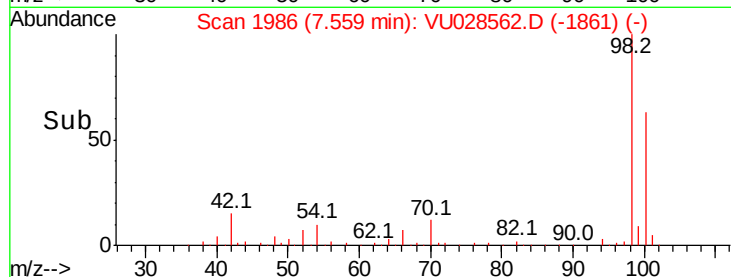
1000

500

0

7.52 7.54 7.56 7.58 7.60

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.281 ug/l

RT: 8.07 min Scan# 2146

Delta R.T. 0.01 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Tgt Ion: 97 Resp: 324

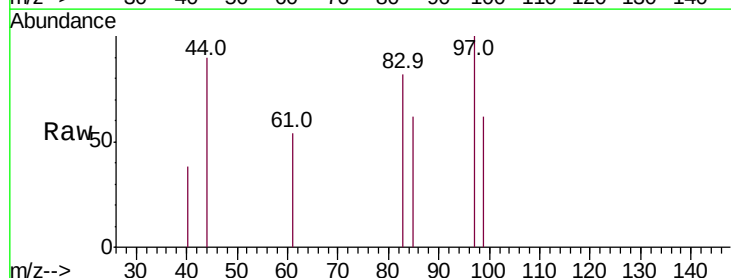
Ion Ratio Lower Upper

97 100

83 82.3 72.4 108.6

85 61.9 46.0 69.0

99 61.5 47.4 71.2



Abundance Ion 96.90 (96.60 to 97.60): VU028562.D (-2146) (-)

Ion 82.90 (82.60 to 83.60): VU028562.D (-2146) (-)

Ion 84.90 (84.60 to 85.60): VU028562.D (-2146) (-)

Ion 98.90 (98.60 to 99.60): VU028562.D (-2146) (-)

400

300

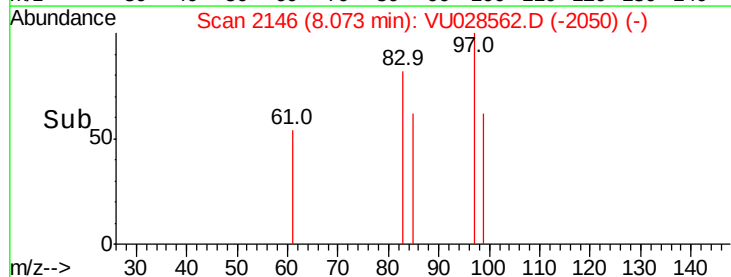
200

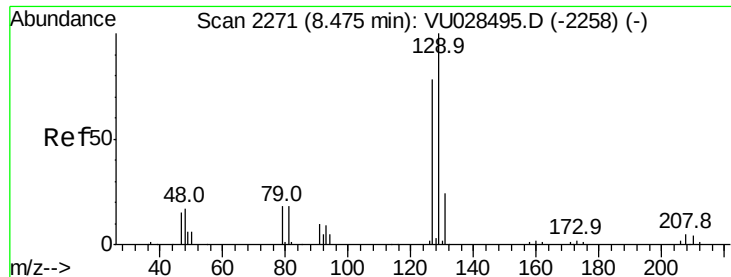
100

0

8.04 8.06 8.08 8.10

Time-->





#60

Dibromochloromethane

Concen: 3.341 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

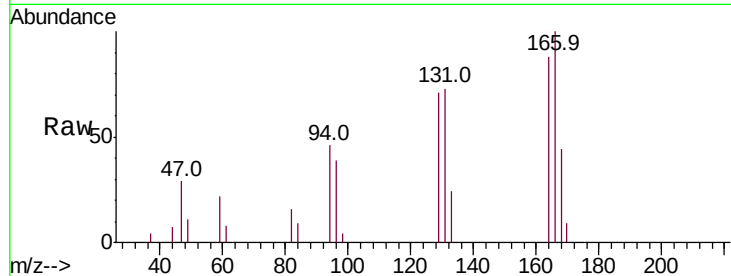
RE-125D2-20181204

Tot Ion:129 Resp: 3774

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

2000

1500

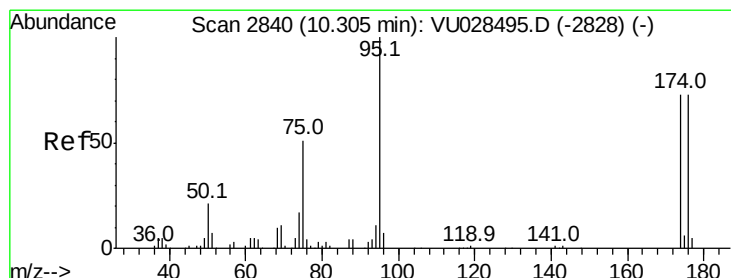
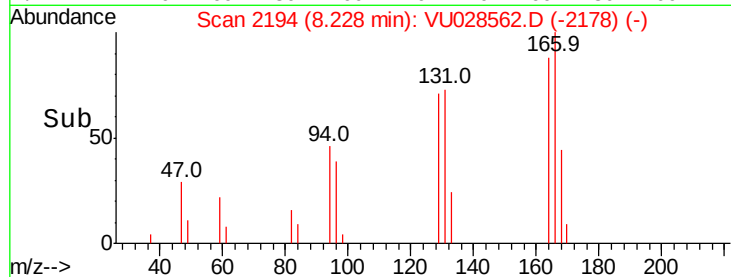
1000

500

0

8.20 8.25

Time-->



#62

4-Bromofluorobenzene

Concen: 46.656 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

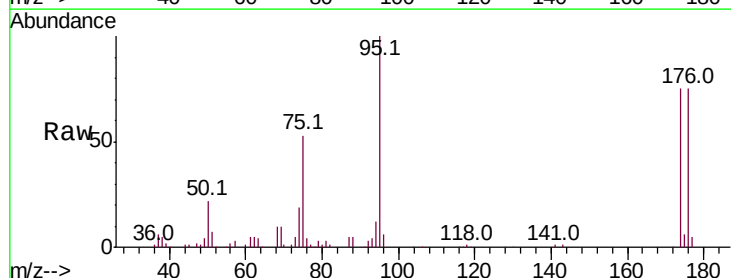
Tgt Ion: 95 Resp: 66798

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 73.6 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

50000

40000

30000

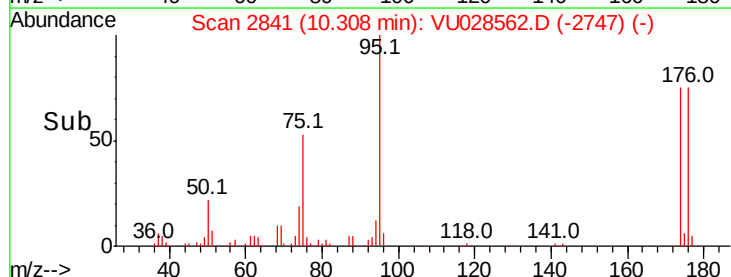
20000

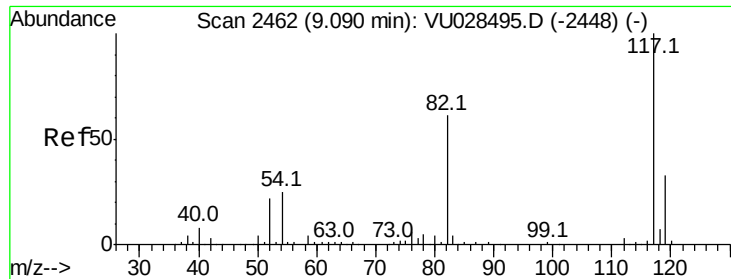
10000

0

10.30 10.40

Time-->

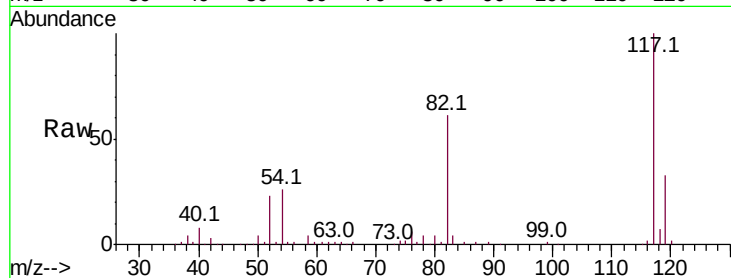




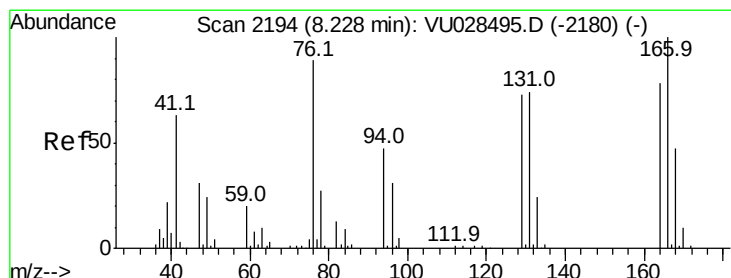
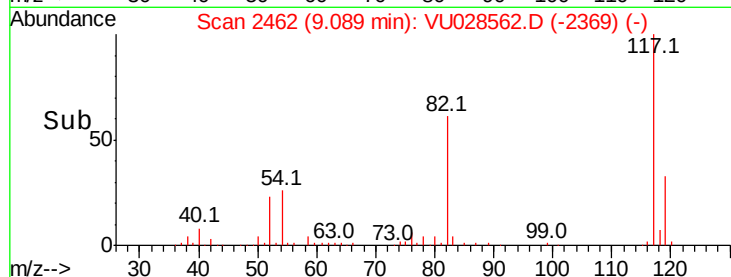
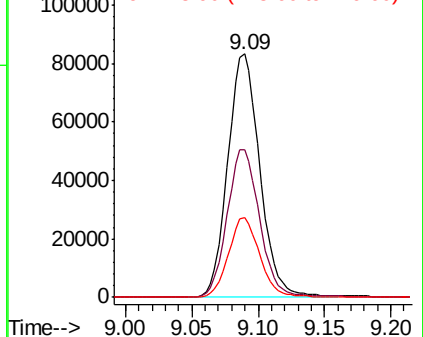
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028562.D
Acq: 10 Dec 2018 19:36

Instrument :
MSVOA_U
ClientSampleId :
RE-125D2-20181204

Tot Ion:117 Resp: 140398
Ion Ratio Lower Upper
117 100
82 60.7 48.9 73.3
119 32.6 26.2 39.4

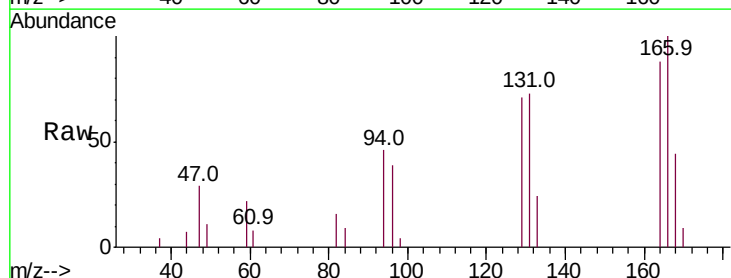


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU
Ion 118.90 (118.60 to 119.60): V

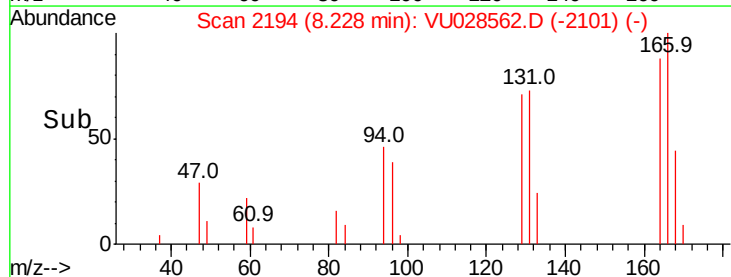
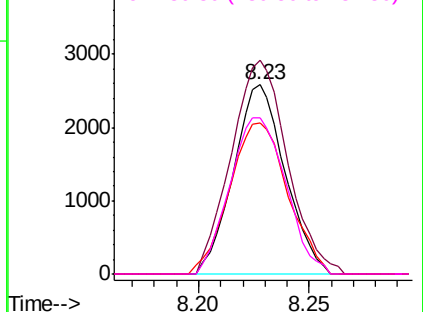


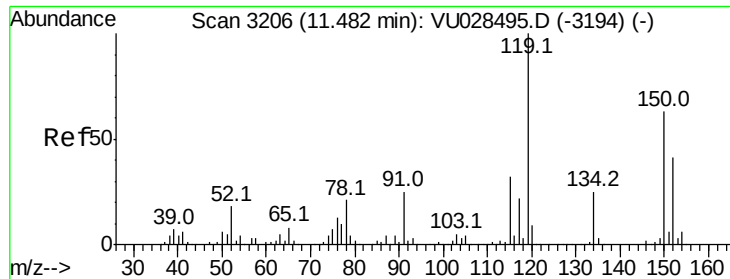
#64
Tetrachloroethene
Concen: 4.477 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028562.D
Acq: 10 Dec 2018 19:36

Tgt Ion:164 Resp: 4193
Ion Ratio Lower Upper
164 100
166 113.1 101.9 152.9
129 79.9 74.9 112.3
131 82.3 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

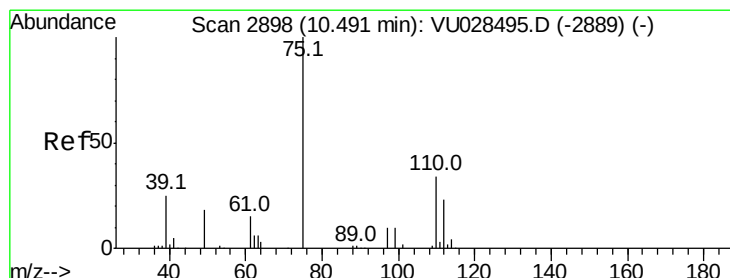
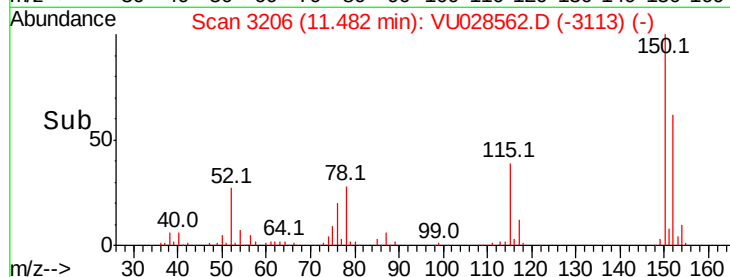
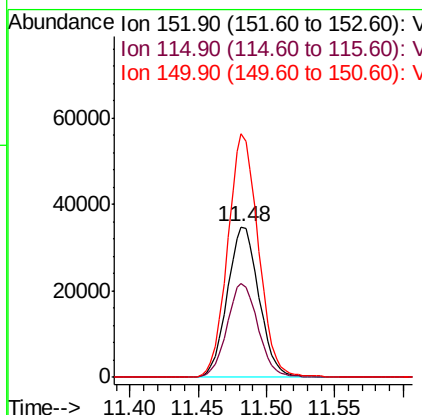
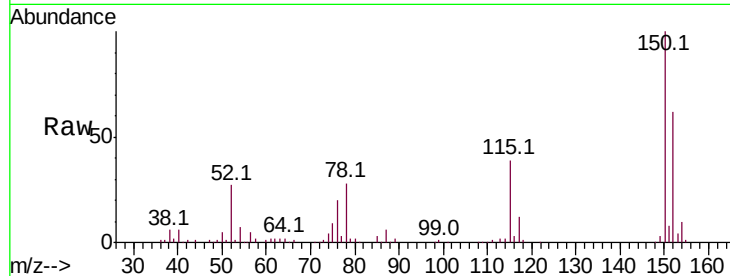




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

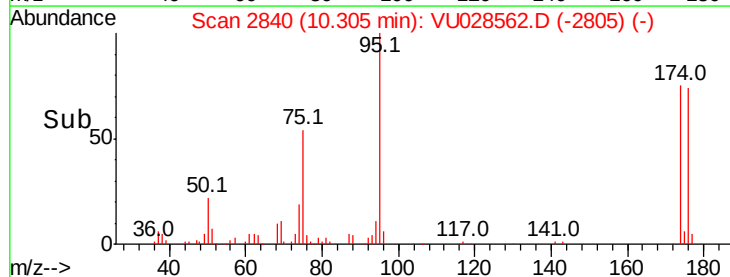
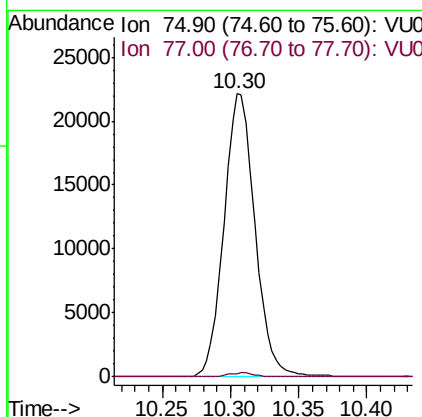
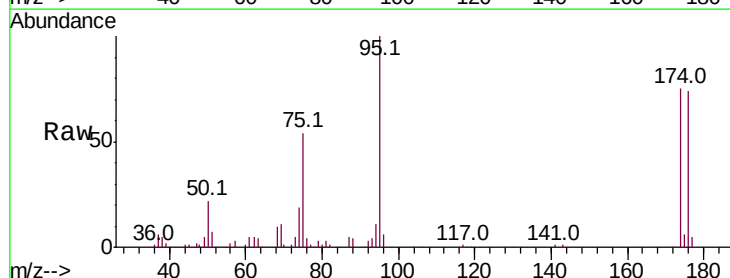
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D2-20181204

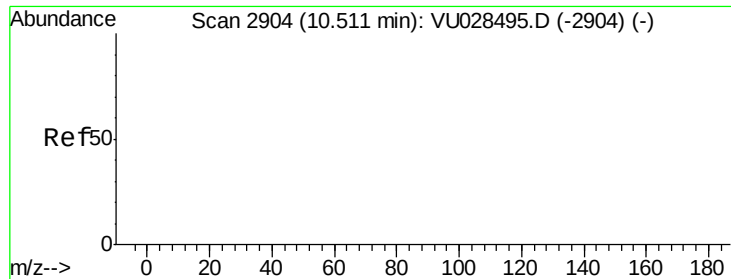
Tot Ion:152 Resp: 56202
 Ion Ratio Lower Upper
 152 100
 115 61.0 42.7 128.1
 150 157.5 0.0 346.0



#76
 1,2,3-Trichloropropane
 Concen: 24.412 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028562.D
 Acq: 10 Dec 2018 19:36

Tgt Ion: 75 Resp: 35034
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.8 62.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 59.916 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028562.D

Acq: 10 Dec 2018 19:36

Instrument :

MSVOA_U

ClientSampleId :

RE-125D2-20181204

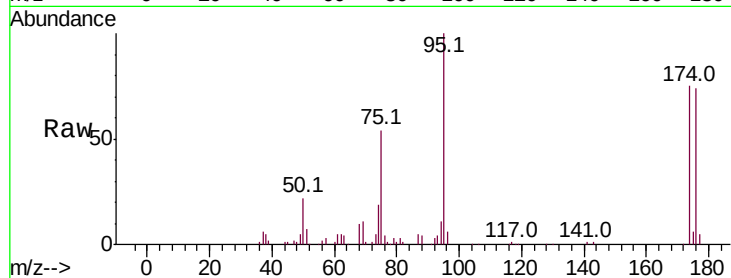
Tot Ion: 75 Resp: 35034

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

