

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028044.D
 Acq On : 09 Nov 2018 15:00
 Operator : MD/SY
 Sample : J5885-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1

Quant Time: Nov 12 06:15:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	401095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	367917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	164425	50.00	ug/l	0.00

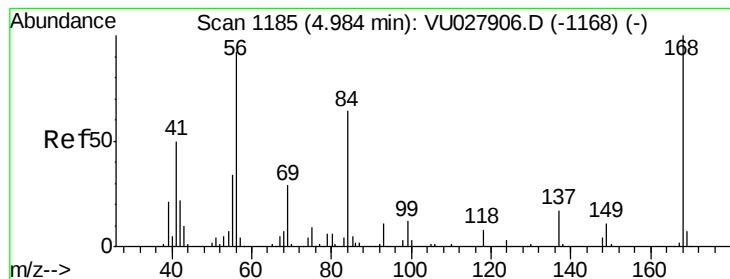
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	175001	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	
35) Dibromofluoromethane	4.89	113	124400	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	7.57	98	528994	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	10.31	95	180901	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	173645	54.852	ug/l	99
6) Chloroethane	1.40	64	44485	24.385	ug/l #	42
11) Tert butyl alcohol	2.99	59	27683	33.888	ug/l #	75
12) 1,1-Dichloroethene	2.29	96	23064	10.603	ug/l	96
13) Acrolein	2.21	56	20	Below Cal	#	1
16) Acetone	2.32	43	9803	5.120	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	595618	237.268	ug/l	98
30) Chloroform	4.67	83	1155	0.230	ug/l	85
31) Cyclohexane	4.98	56	5181	Below Cal	#	1
32) 1,1,1-Trichloroethane	4.92	97	1712	0.429	ug/l #	52
36) 1,1-Dichloropropene	4.99	75	18358	4.370	ug/l #	50
38) Carbon Tetrachloride	4.98	117	19948	5.358	ug/l #	16
39) Methylcyclohexane	6.20	83	219973	43.416	ug/l #	1
44) Trichloroethene	6.20	130	15937811	5773.003	ug/l	91
45) 1,2-Dichloropropane	6.20	63	59778	16.139	ug/l #	1
52) Toluene	7.64	92	7083	0.938	ug/l	96
55) 1,1,2-Trichloroethane	8.25	97	199964	65.094	ug/l #	1
59) 2-Hexanone	8.18	43	2137	0.429	ug/l	70
65) Chlorobenzene	9.12	112	3642	0.469	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.21	131	1121	0.422	ug/l #	56
69) o-Xylene	9.78	106	1152	0.220	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	94667	21.049	ug/l #	35
78) n-propylbenzene	10.59	91	4970	0.326	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.31	75	94667	52.541	ug/l #	100
91) 1,2-Dichlorobenzene	11.88	146	3074	0.567	ug/l	94
93) 1,2,4-Trichlorobenzene	13.52	180	1386	1.044	ug/l	96
95) Naphthalene	13.76	128	211	Below Cal	#	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

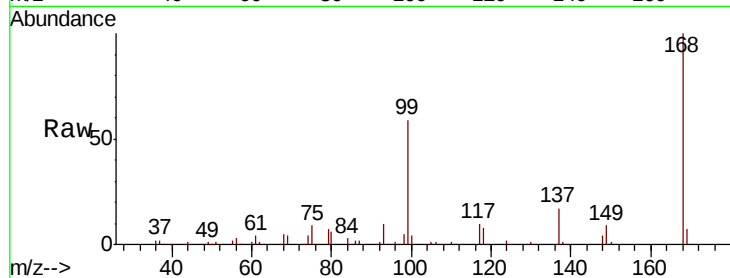
RW-1

Tot Ion:168 Resp: 207550

Ion Ratio Lower Upper

168 100

99 58.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028044.D (-1092) (-)

4.99

100000

80000

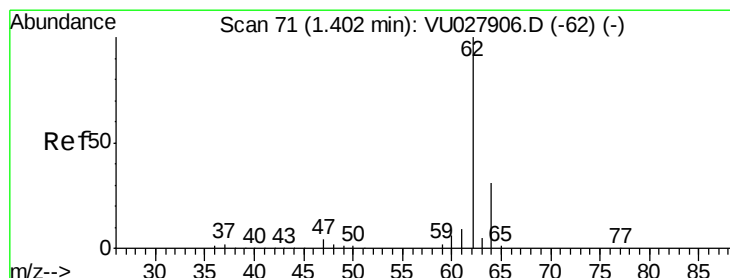
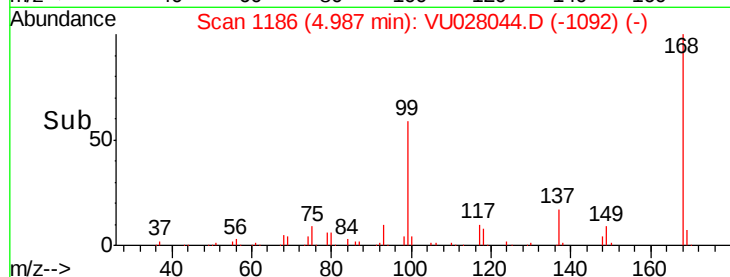
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 54.852 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028044.D

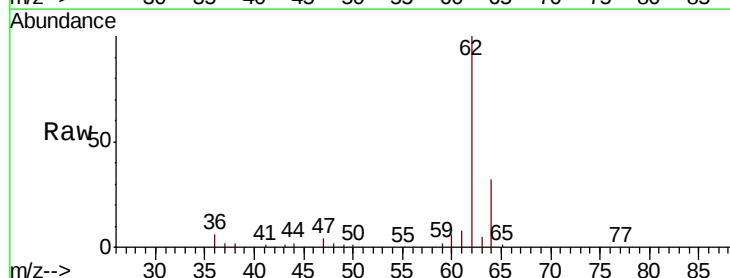
Acq: 09 Nov 2018 15:00

Tgt Ion: 62 Resp: 173645

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028044.D (-1) (-)

1.40

200000

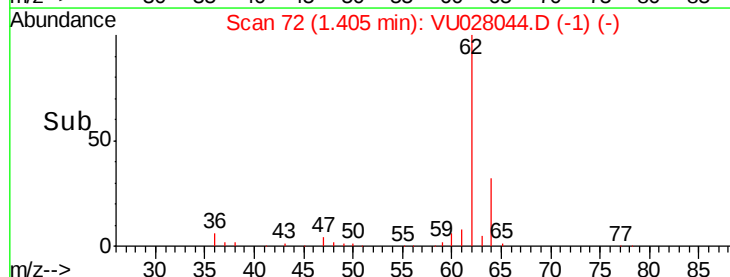
150000

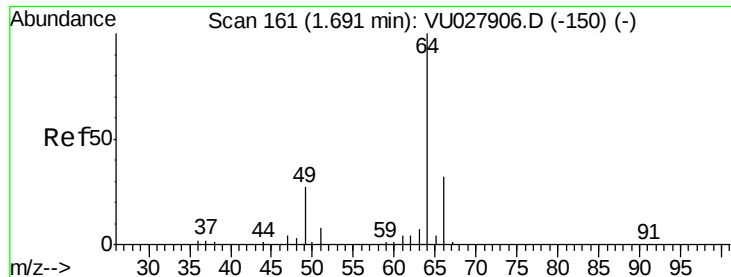
100000

50000

0

Time-->





#6

Chloroethane

Concen: 24.385 ug/l

RT: 1.40 min Scan# 72

Delta R.T. -0.29 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

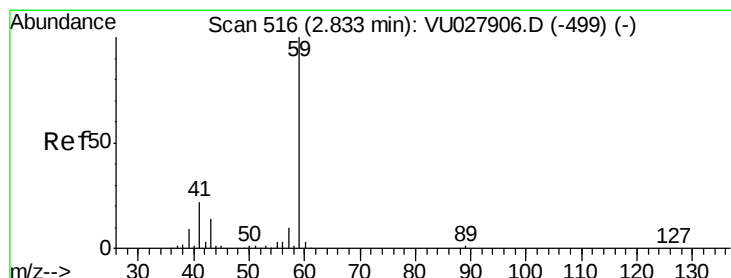
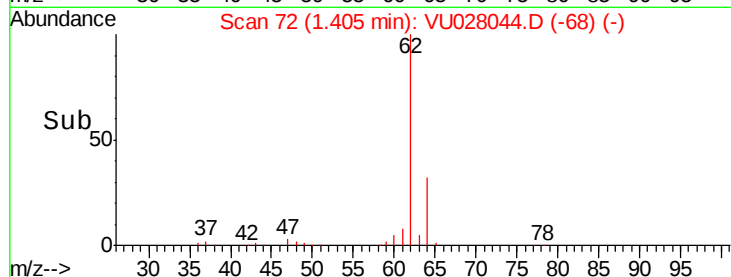
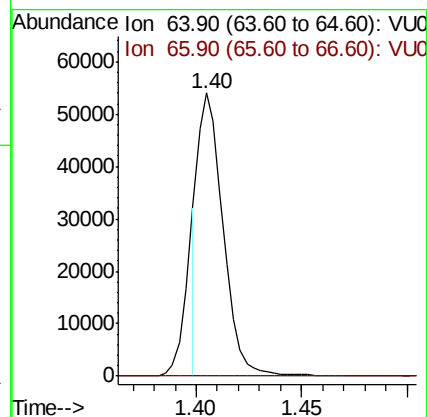
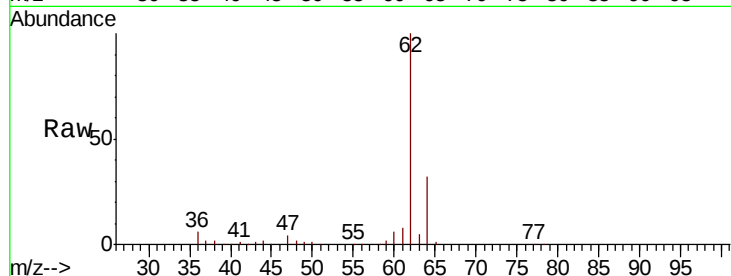
RW-1

Tot Ion: 64 Resp: 44485

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



#11

Tert butyl alcohol

Concen: 33.888 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.16 min

Lab File: VU028044.D

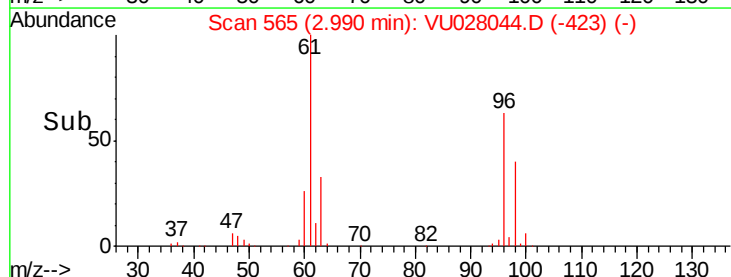
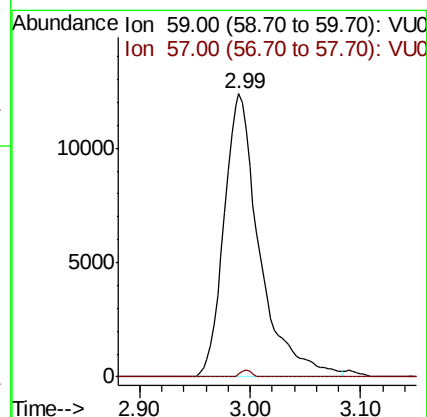
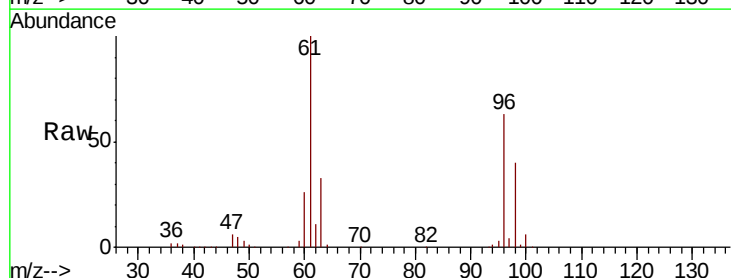
Acq: 09 Nov 2018 15:00

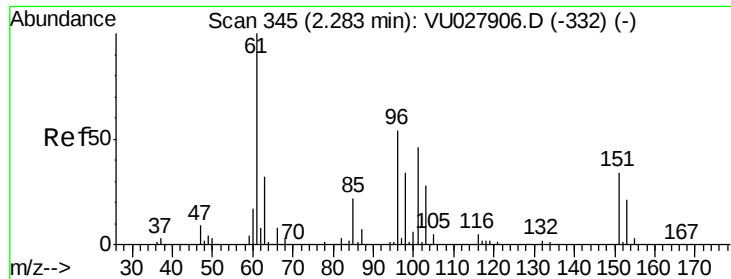
Tgt Ion: 59 Resp: 27683

Ion Ratio Lower Upper

59 100

57 0.7 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 10.603 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

RW-1

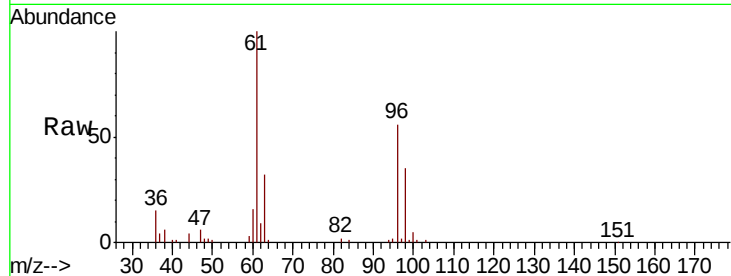
Tot Ion: 96 Resp: 23064

Ion Ratio Lower Upper

96 100

61 179.4 149.3 223.9

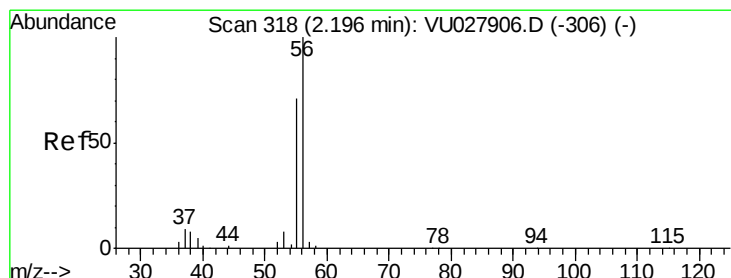
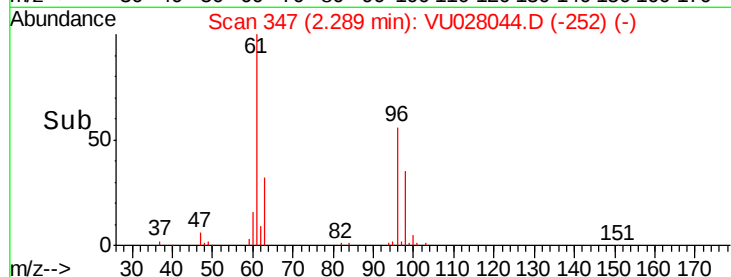
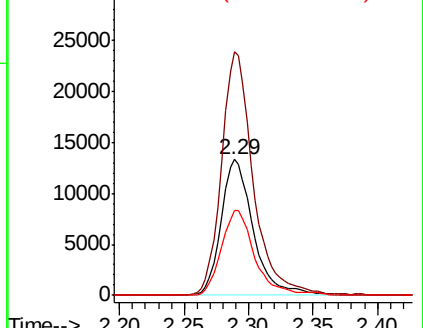
98 62.3 50.6 75.8



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



#13

Acrolein

Concen: Below Cal

RT: 2.21 min Scan# 321

Delta R.T. 0.01 min

Lab File: VU028044.D

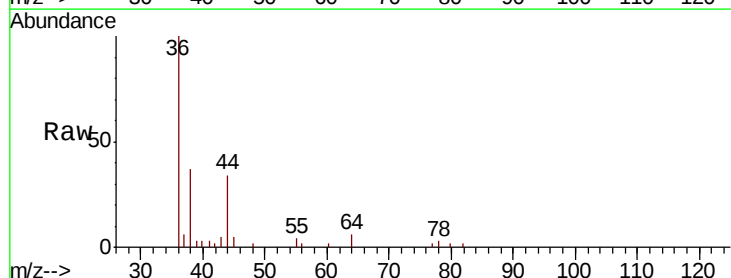
Acq: 09 Nov 2018 15:00

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

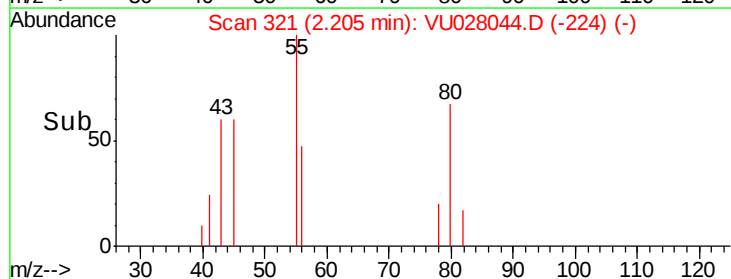
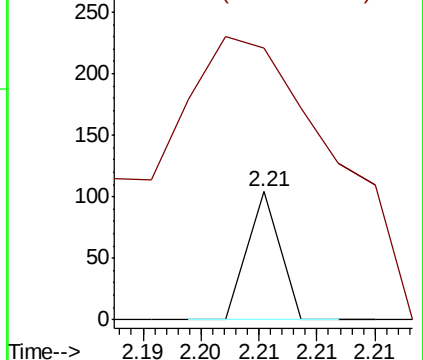
56 100

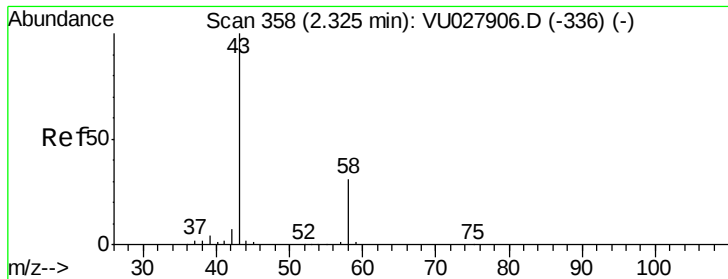
55 1005.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0





#16

Acetone

Concen: 5.120 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

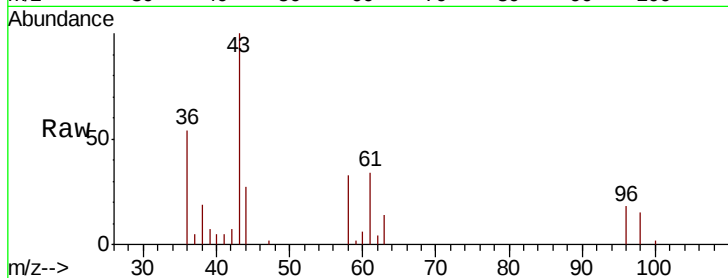
RW-1

Tot Ion: 43 Resp: 9803

Ion Ratio Lower Upper

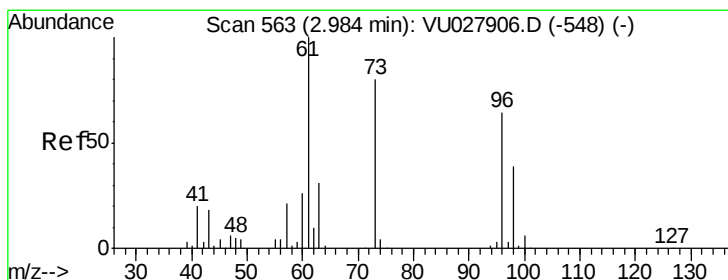
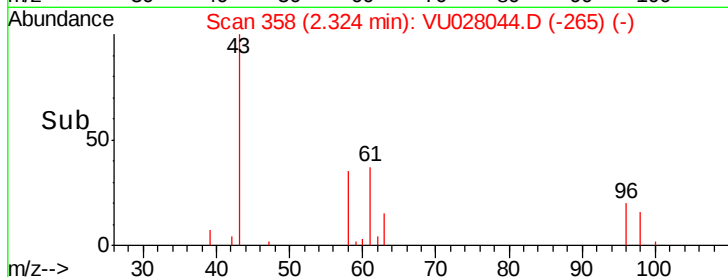
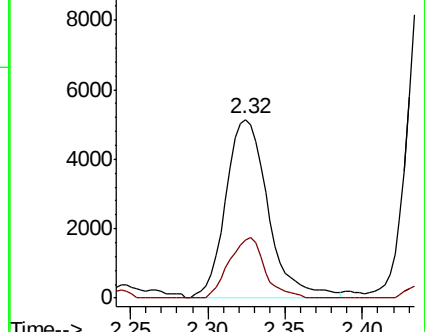
43 100

58 32.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)



#21

trans-1,2-Dichloroethene

Concen: 237.268 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

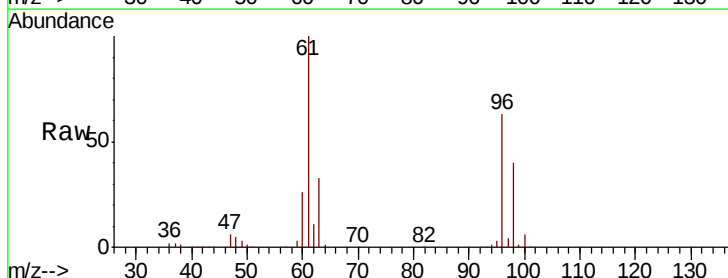
Tgt Ion: 96 Resp: 595618

Ion Ratio Lower Upper

96 100

61 157.9 125.0 187.6

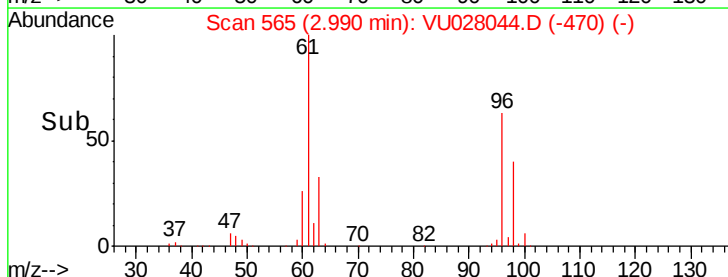
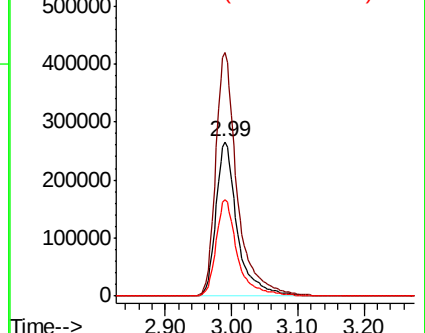
98 63.0 48.2 72.4

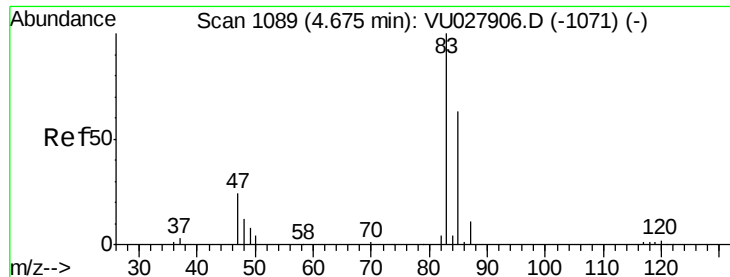


Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-548) (-)

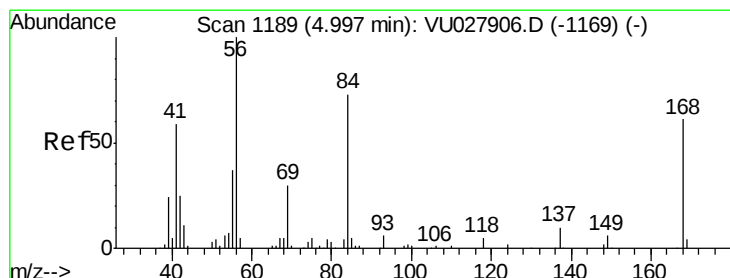
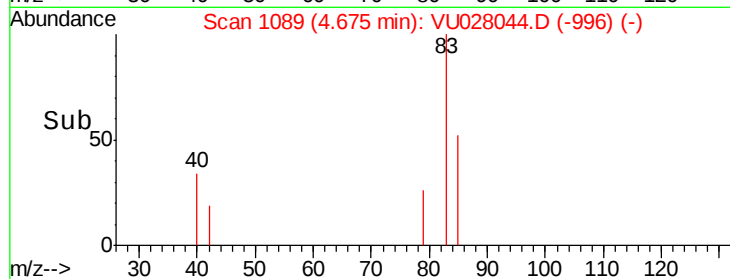
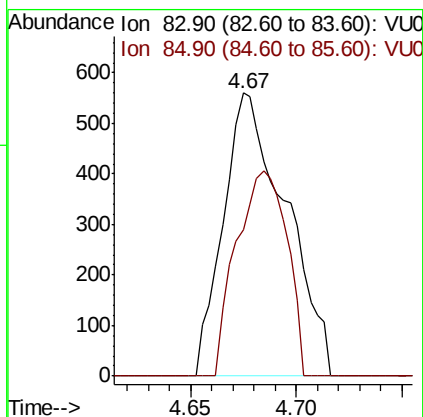
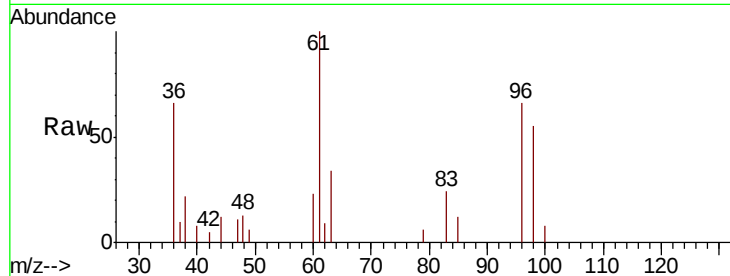




#30
Chloroform
Concen: 0.230 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

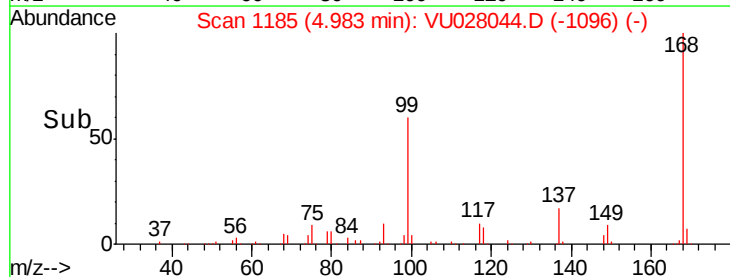
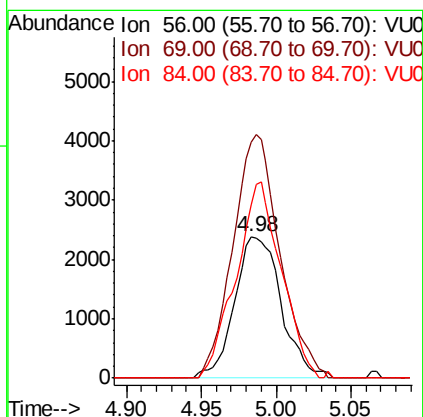
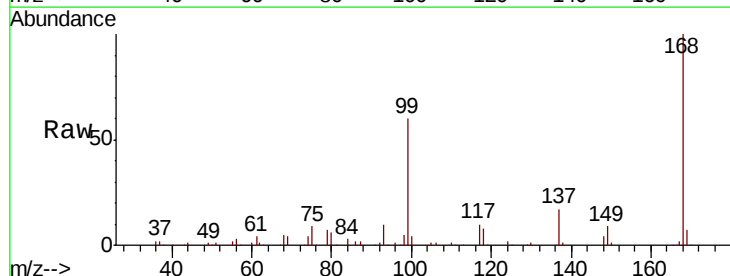
Instrument :
MSVOA_U
ClientSampled :
RW-1

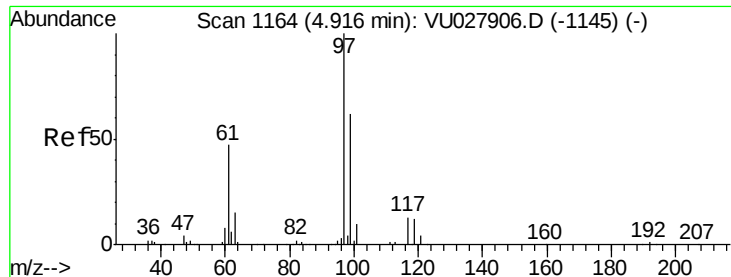
Tot Ion: 83 Resp: 1155
Ion Ratio Lower Upper
83 100
85 51.6 50.6 76.0



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion: 56 Resp: 5181
Ion Ratio Lower Upper
56 100
69 166.1 23.7 35.5#
84 122.1 58.2 87.4#





#32

1,1,1-Trichloroethane

Concen: 0.429 ug/l

RT: 4.92 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

RW-1

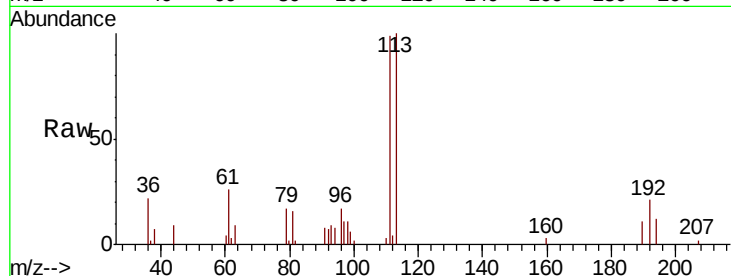
Tot Ion: 97 Resp: 1712

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

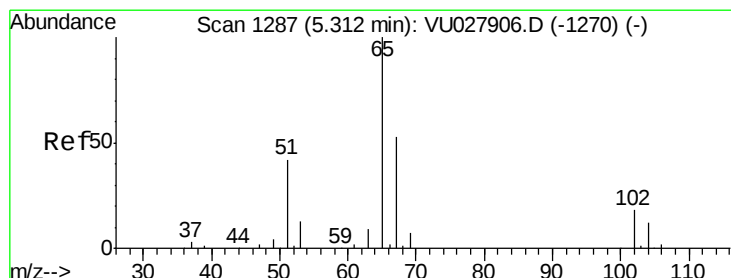
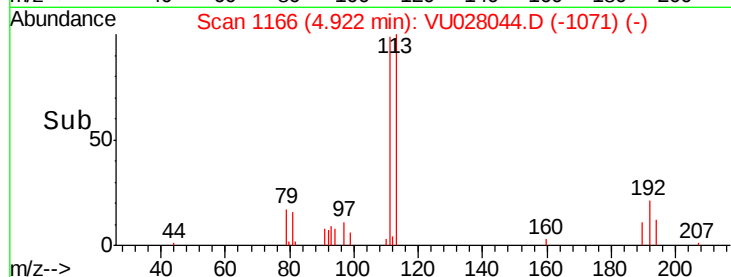
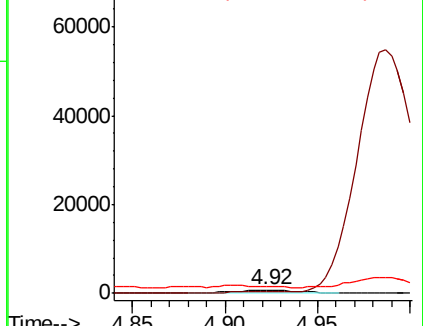
61 45.1 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VU027906.D (-1145) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1145) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-1145) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.713 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028044.D

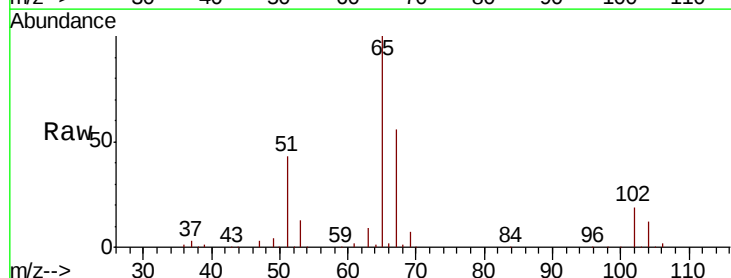
Acq: 09 Nov 2018 15:00

Tgt Ion: 65 Resp: 175001

Ion Ratio Lower Upper

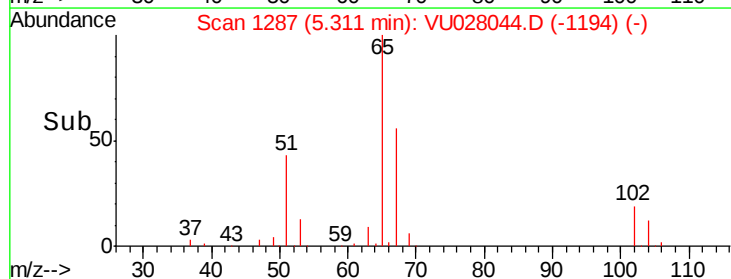
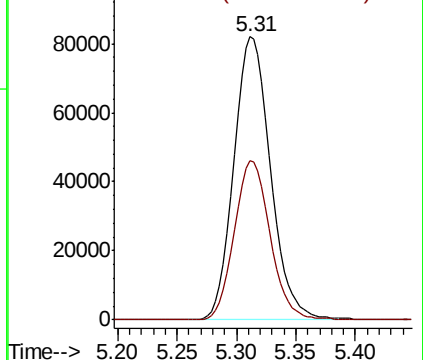
65 100

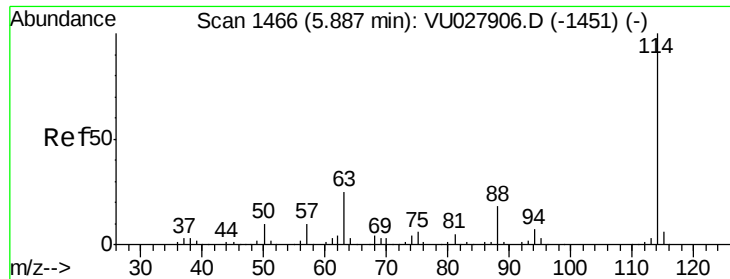
67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

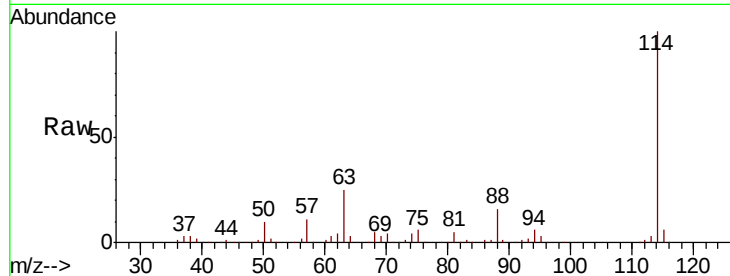




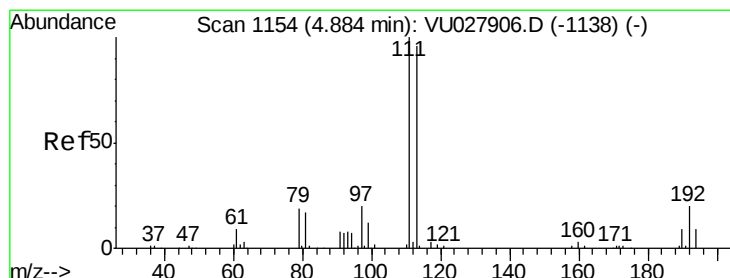
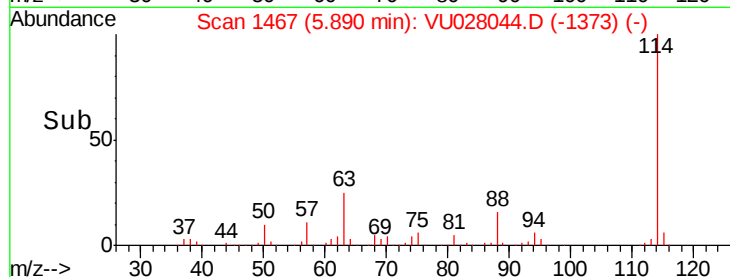
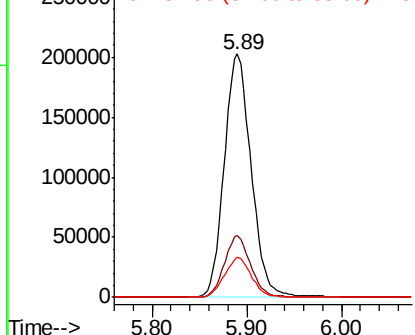
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Instrument :
 MSVOA_U
 ClientSampled :
 RW-1

Tot Ion:114 Resp: 401095
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.8
 88 16.4 0.0 35.8

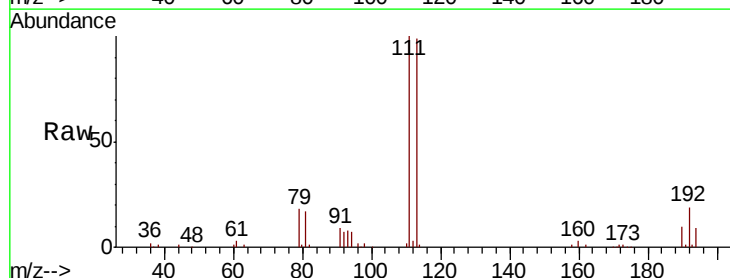


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

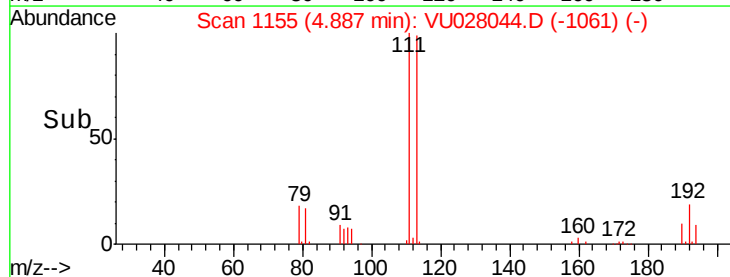
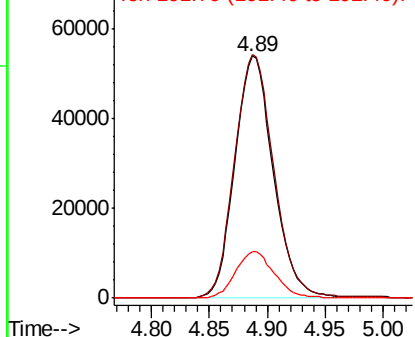


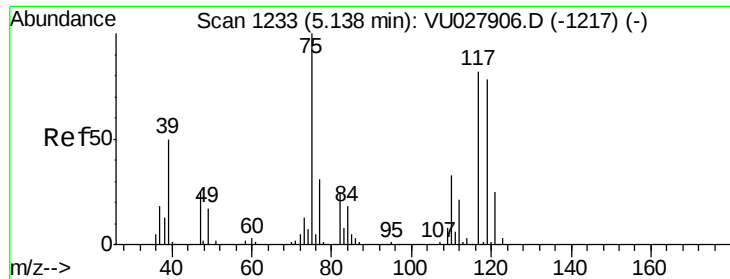
#35
 Dibromofluoromethane
 Concen: 49.190 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion:113 Resp: 124400
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.6
 192 19.4 15.6 23.4



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

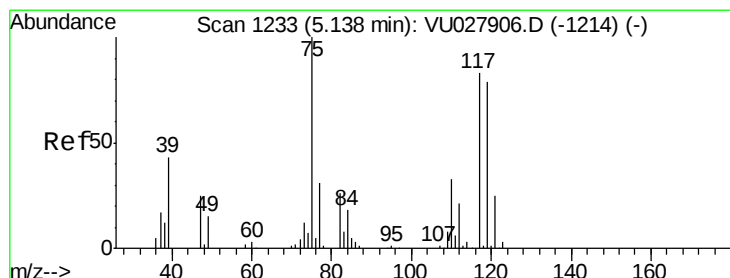
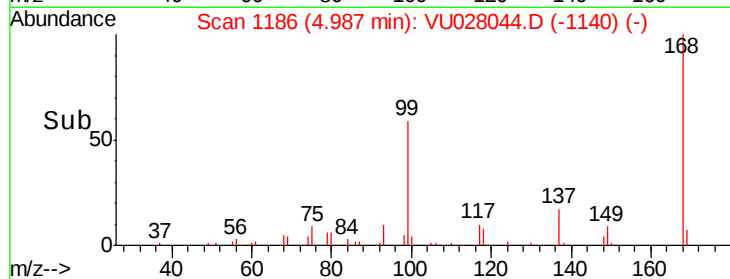
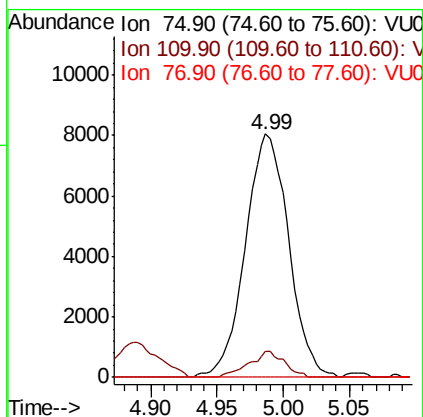
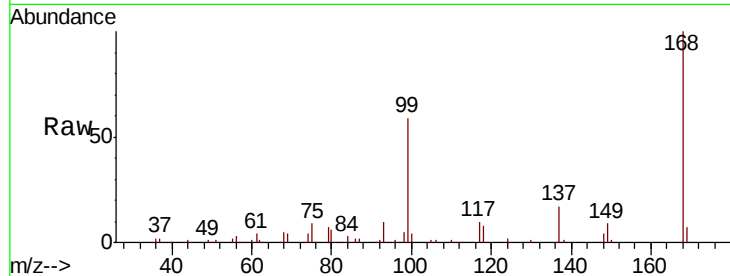




#36
 1,1-Dichloropropene
 Concen: 4.370 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

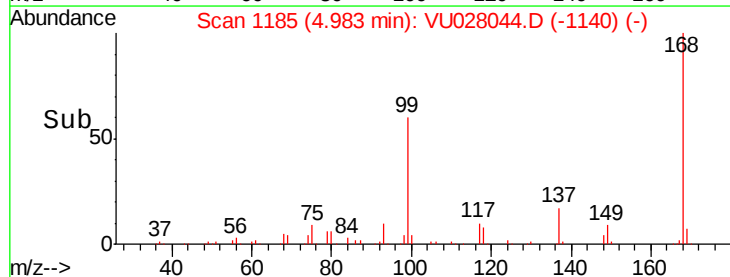
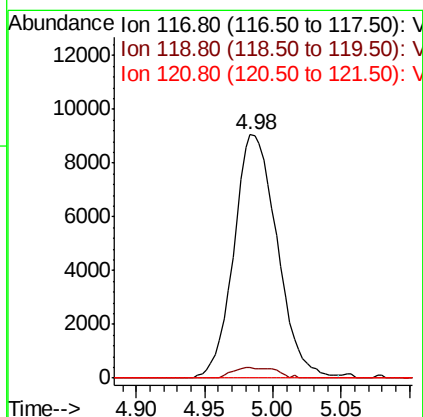
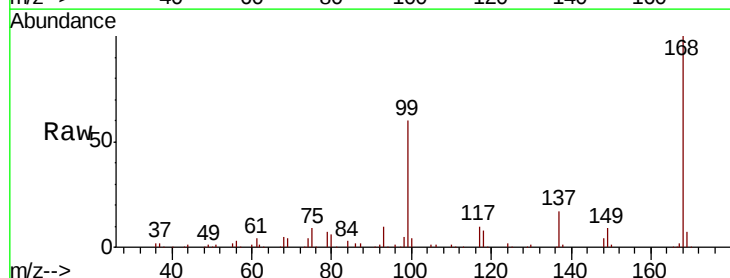
Instrument :
 MSVOA_U
 ClientSampled :
 RW-1

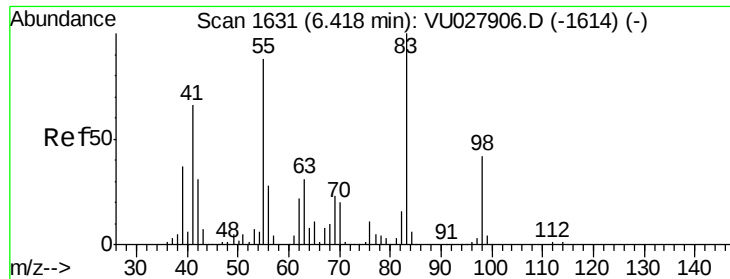
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.5	49.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.358 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.0	114.0#
121	0.0	24.5	36.7#

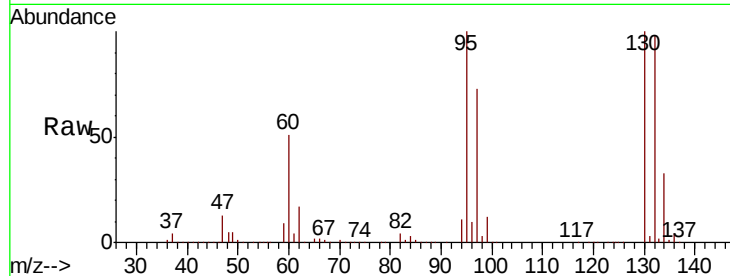




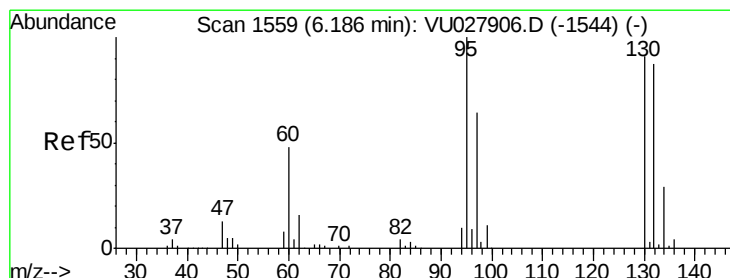
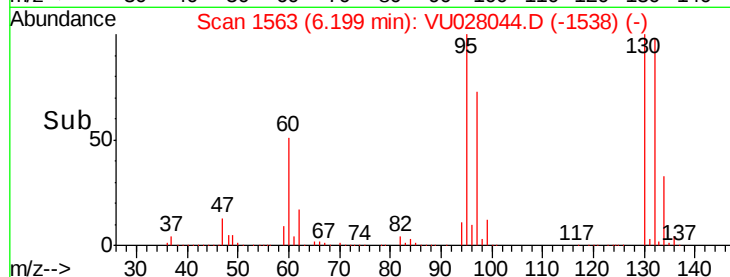
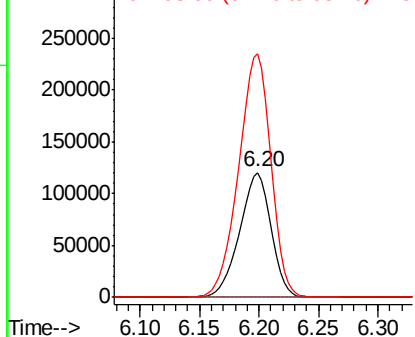
#39
Methylcyclohexane
Concen: 43.416 ug/l
RT: 6.20 min Scan# 1563
Delta R.T. -0.22 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampled :
RW-1

Tot Ion: 83 Resp: 219973
Ion Ratio Lower Upper
83 100
55 0.3 70.3 105.5#
98 195.2 34.0 51.0#

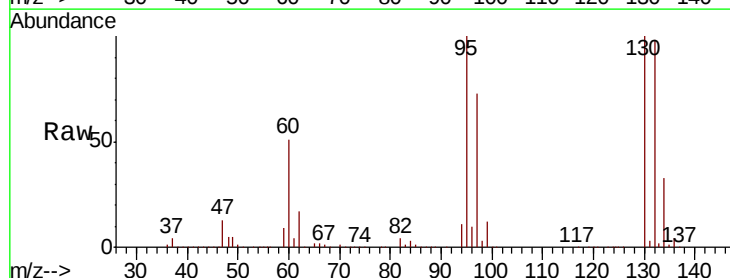


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

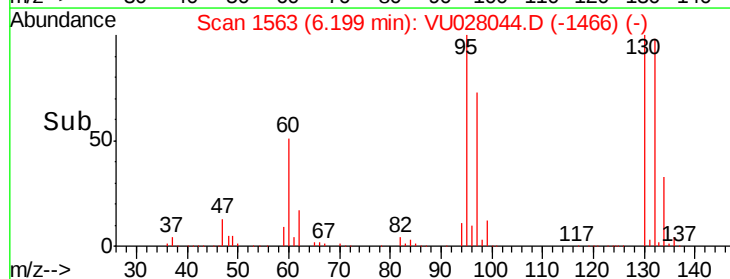
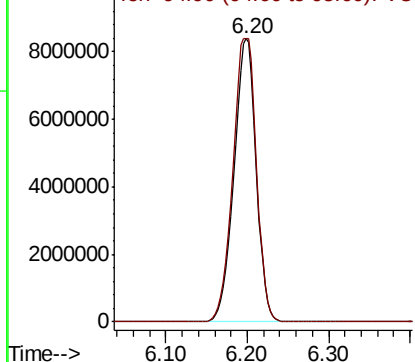


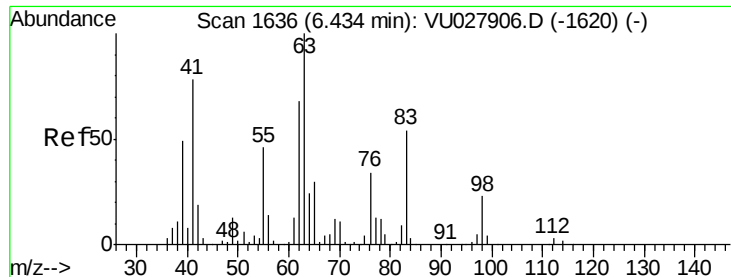
#44
Trichloroethene
Concen: 5773.003 ug/l
RT: 6.20 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion:130 Resp:15937811
Ion Ratio Lower Upper
130 100
95 100.0 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 16.139 ug/l

RT: 6.20 min Scan# 1562

Delta R.T. -0.24 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

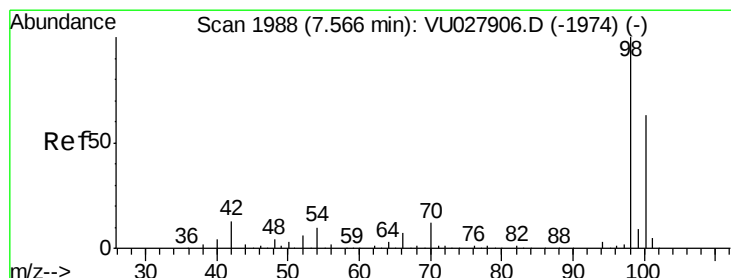
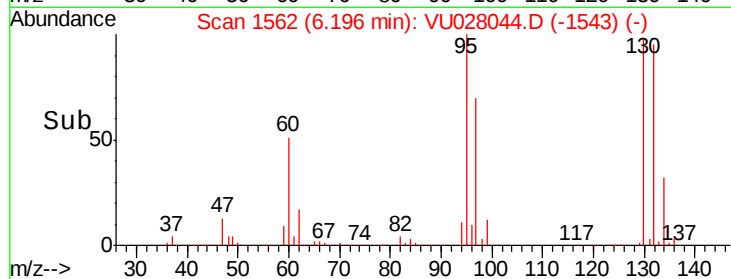
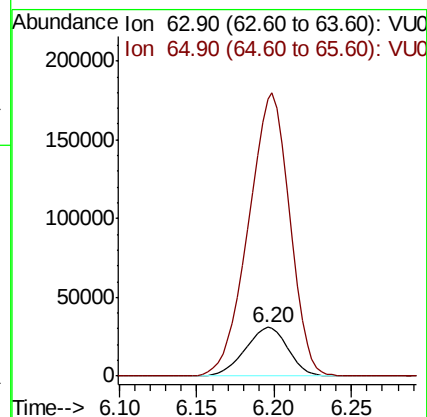
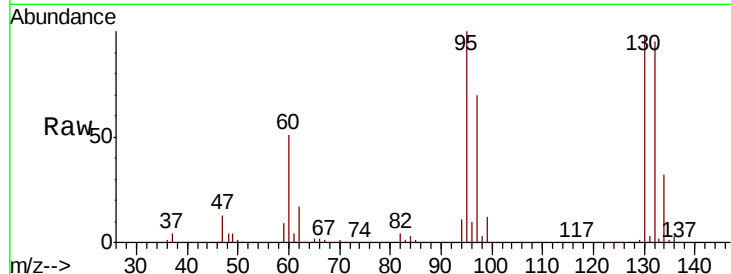
RW-1

Tot Ion: 63 Resp: 59778

Ion Ratio Lower Upper

63 100

65 567.8 24.4 36.6#



#50

Toluene-d8

Concen: 54.149 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU028044.D

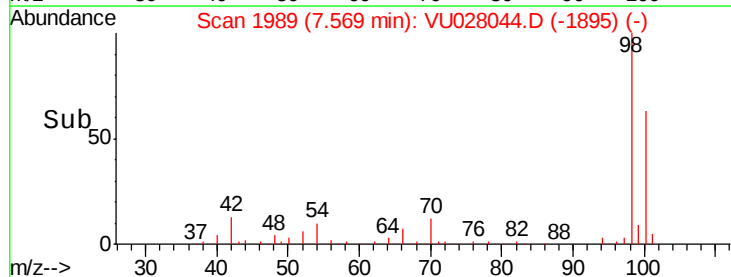
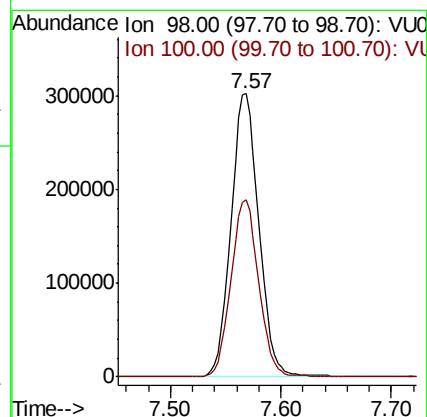
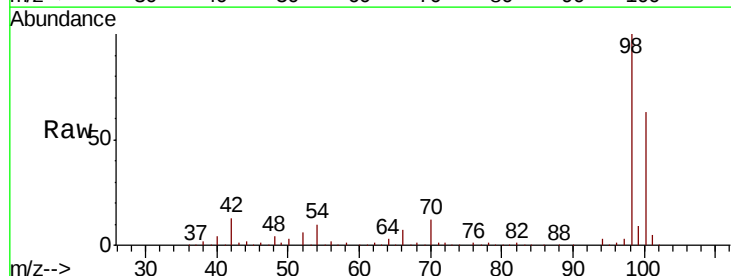
Acq: 09 Nov 2018 15:00

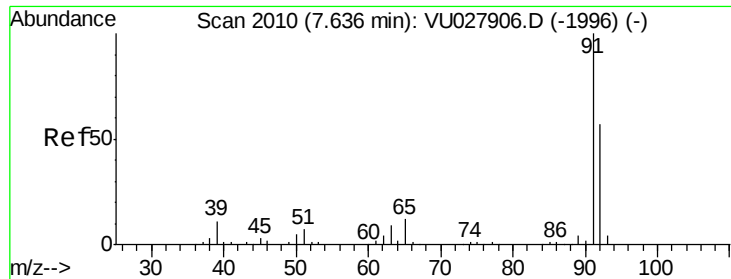
Tgt Ion: 98 Resp: 528994

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1





#52

Toluene

Concen: 0.938 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

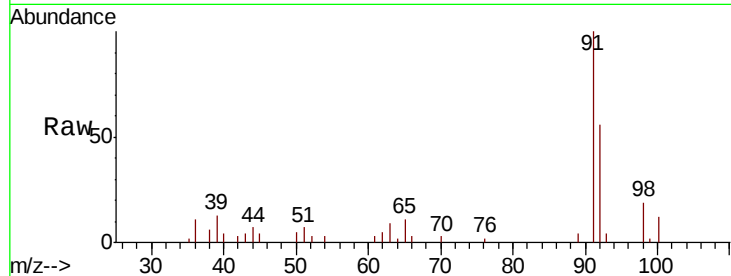
RW-1

Tot Ion: 92 Resp: 7083

Ion Ratio Lower Upper

92 100

91 182.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

8000

6000

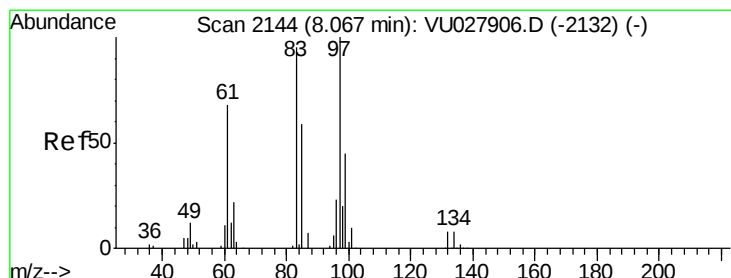
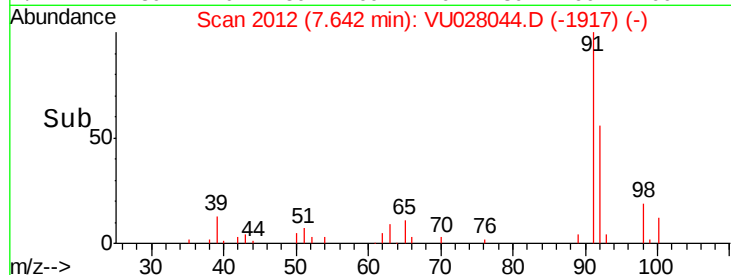
4000

2000

0

7.60 7.65 7.70

Time-->



#55

1,1,2-Trichloroethane

Concen: 65.094 ug/l

RT: 8.25 min Scan# 2201

Delta R.T. 0.18 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Tgt Ion: 97 Resp: 199964

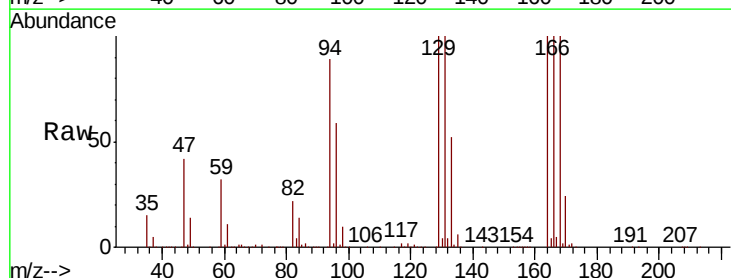
Ion Ratio Lower Upper

97 100

83 331.8 76.1 114.1#

85 43.1 48.9 73.3#

99 16.3 52.0 78.0#



Abundance Ion 96.90 (96.60 to 97.60): VU027906.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU027906.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-2132) (-)

500000

400000

300000

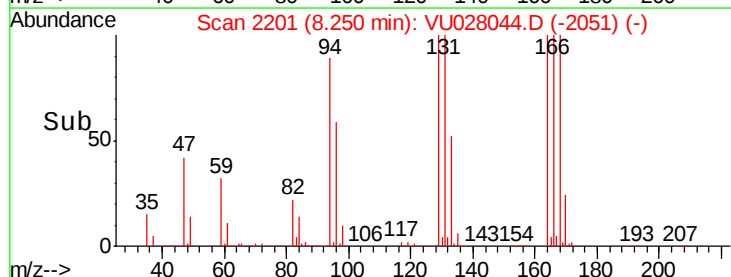
200000

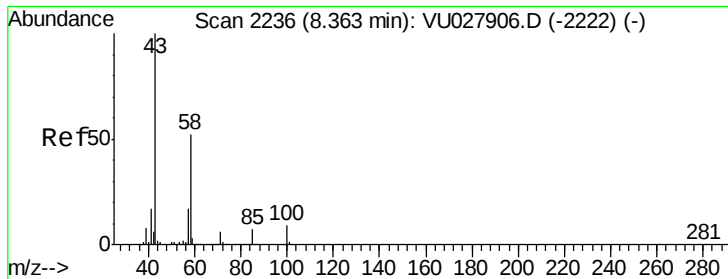
100000

0

8.15 8.20 8.25 8.30

Time-->

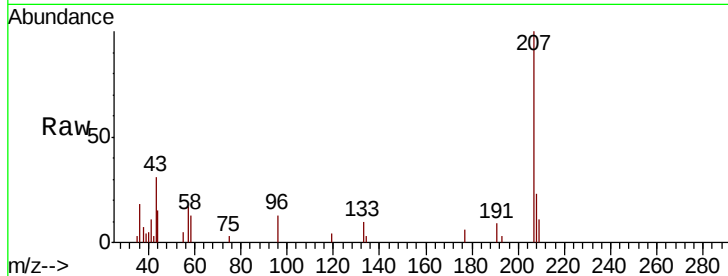




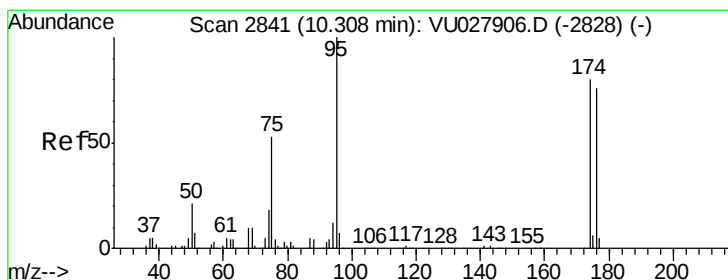
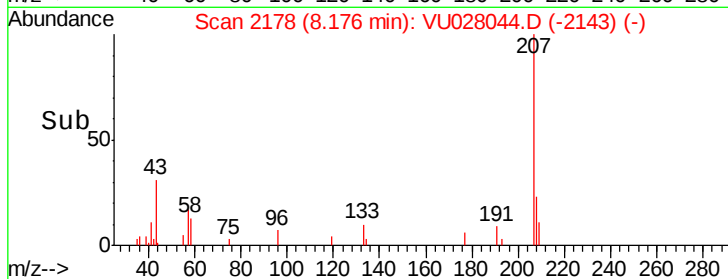
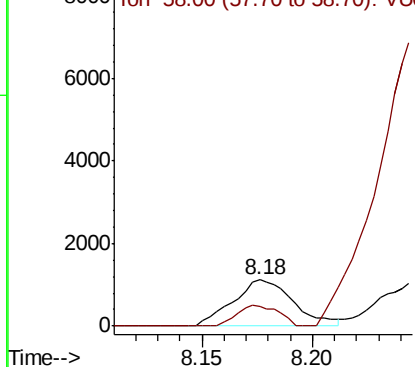
#59
2-Hexanone
Concen: 0.429 ug/l
RT: 8.18 min Scan# 2178
Delta R.T. -0.19 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
RW-1

Tot Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
58 30.8 25.8 77.3

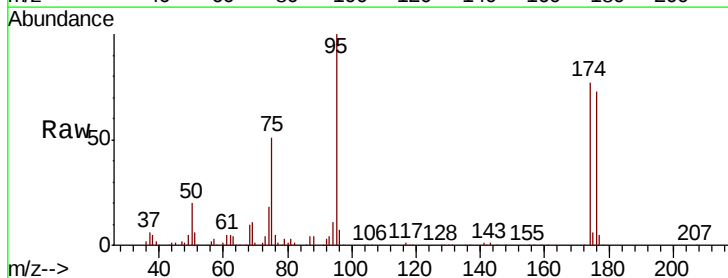


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

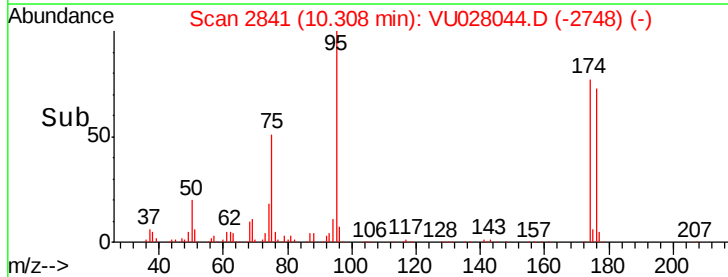
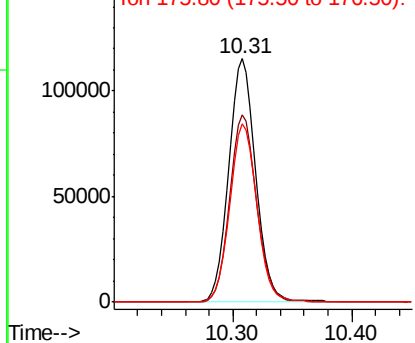


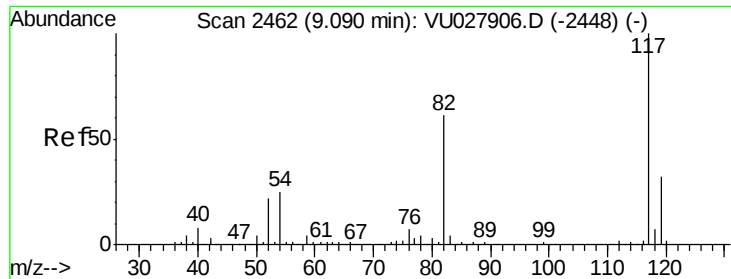
#62
4-Bromofluorobenzene
Concen: 50.204 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion: 95 Resp: 180901
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.4
176 73.8 0.0 150.8



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

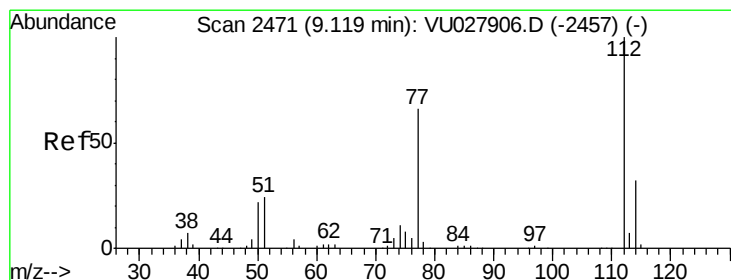
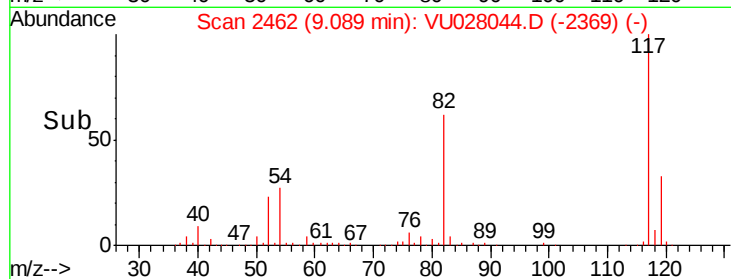
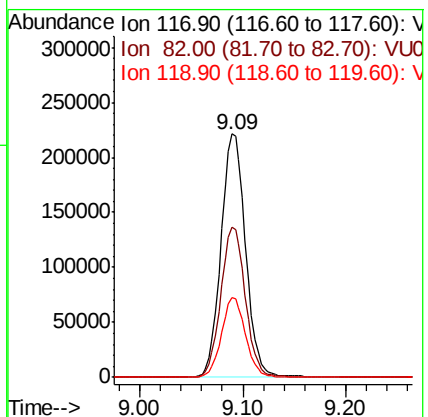
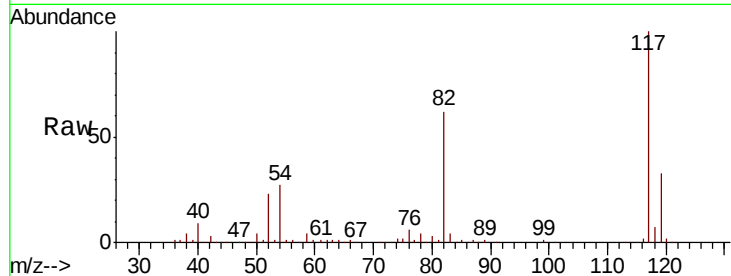




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

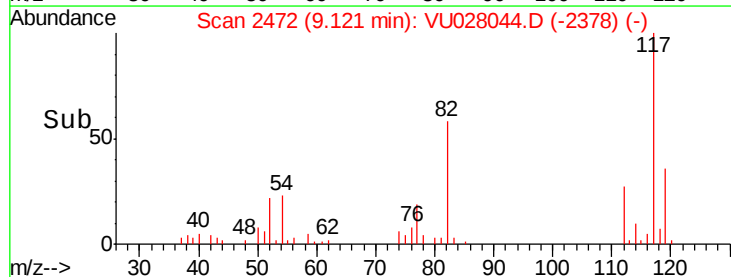
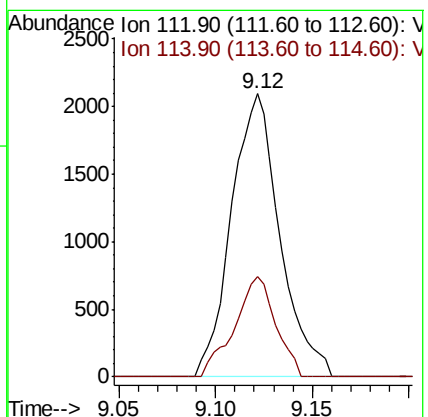
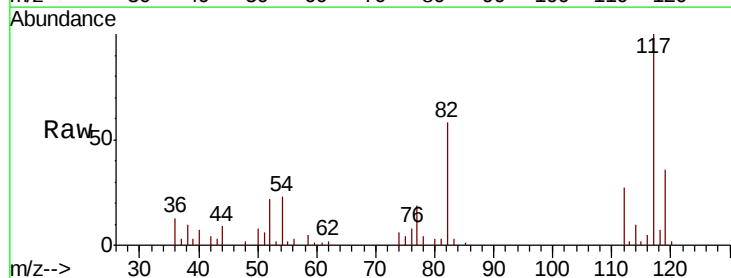
Instrument :
MSVOA_U
ClientSampled :
RW-1

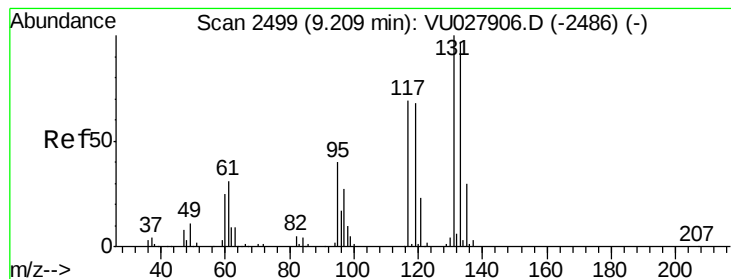
Tot Ion:117 Resp: 367917
Ion Ratio Lower Upper
117 100
82 61.7 48.6 73.0
119 32.9 25.8 38.8



#65
Chlorobenzene
Concen: 0.469 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion:112 Resp: 3642
Ion Ratio Lower Upper
112 100
114 35.6 25.2 37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 0.422 ug/l

RT: 9.21 min Scan# 2501

Delta R.T. 0.01 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

RW-1

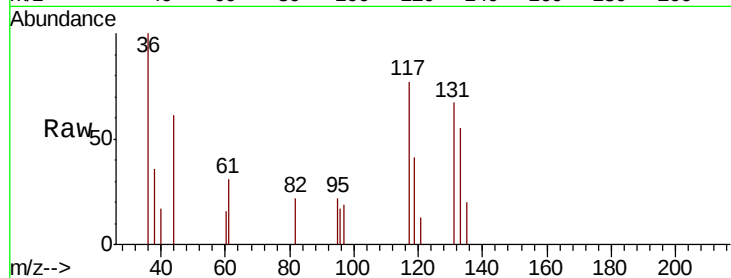
Tot Ion:131 Resp: 1121

Ion Ratio Lower Upper

131 100

133 81.7 48.1 144.4

119 0.0 34.0 101.8#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.21

600

400

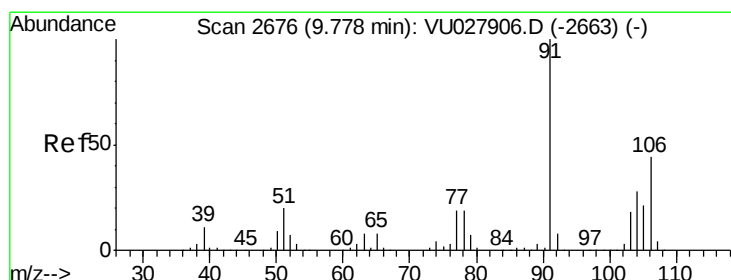
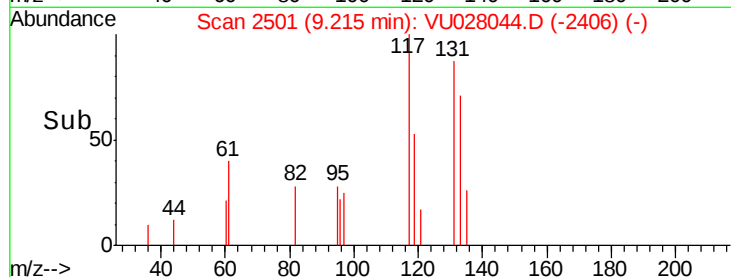
200

0

9.20

9.25

Time-->



#69

o-Xylene

Concen: 0.220 ug/l

RT: 9.78 min Scan# 2678

Delta R.T. 0.01 min

Lab File: VU028044.D

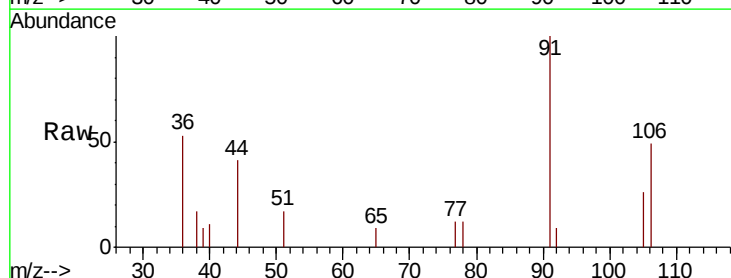
Acq: 09 Nov 2018 15:00

Tgt Ion:106 Resp: 1152

Ion Ratio Lower Upper

106 100

91 229.4 111.1 333.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

1500

1000

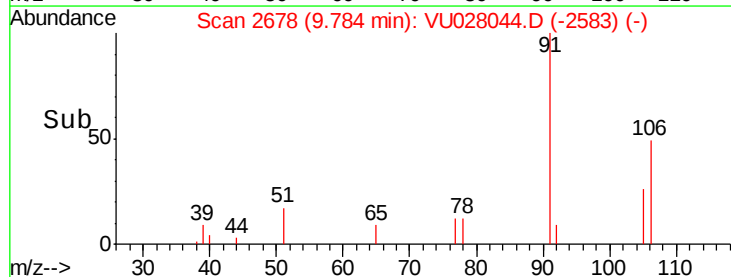
500

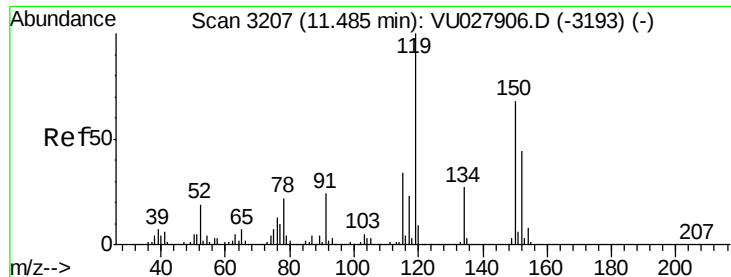
0

9.75

9.80

Time-->



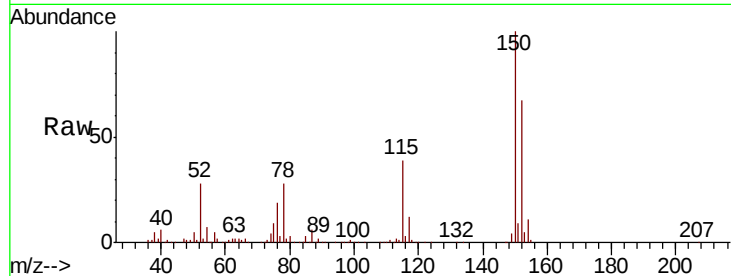


#72

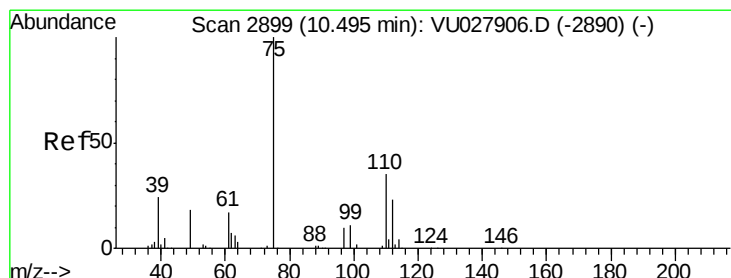
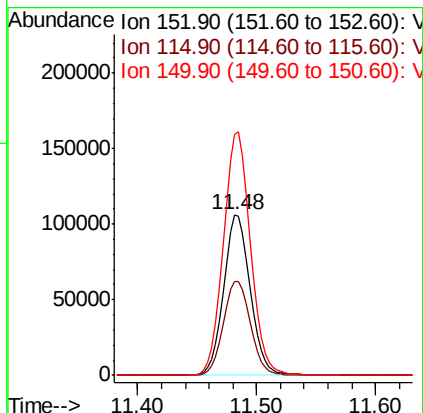
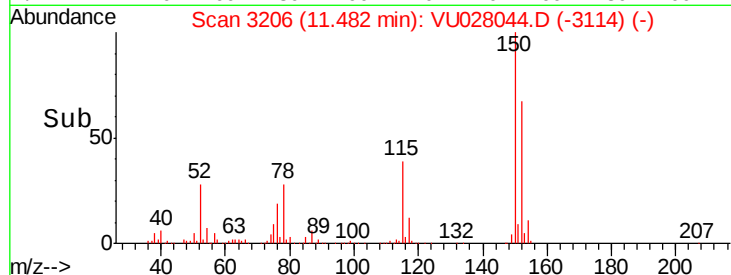
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
RW-1

Tot Ion:152 Resp: 164425
Ion Ratio Lower Upper
152 100
115 60.0 43.0 129.0
150 154.3 0.0 349.4



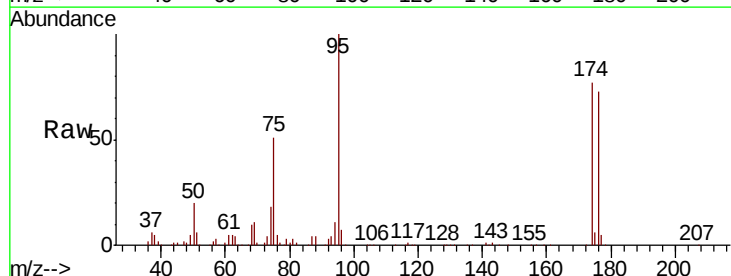
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



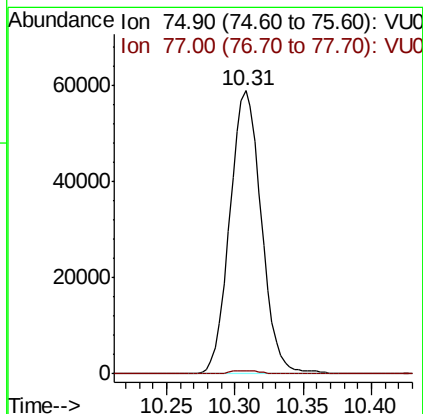
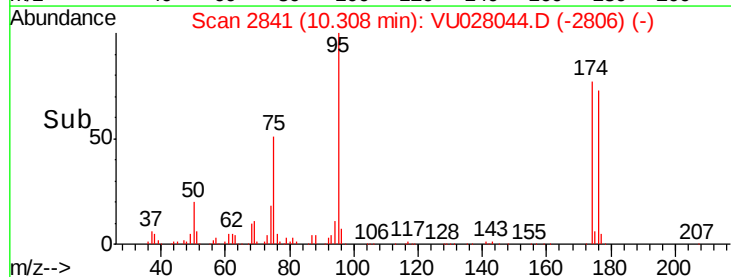
#76

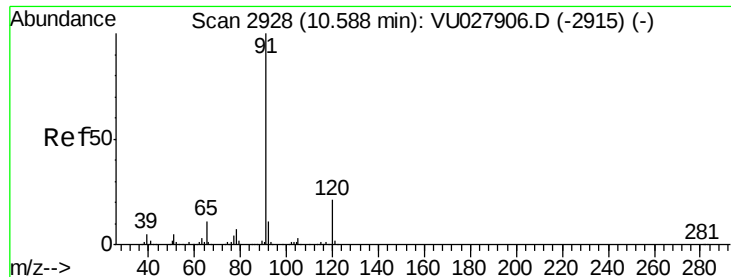
1,2,3-Trichloropropane
Concen: 21.049 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028044.D
Acq: 09 Nov 2018 15:00

Tgt Ion: 75 Resp: 94667
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.326 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

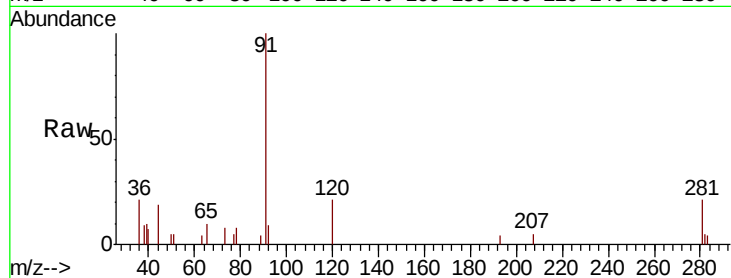
RW-1

Tot Ion: 91 Resp: 4970

Ion Ratio Lower Upper

91 100

120 19.0 10.6 31.8

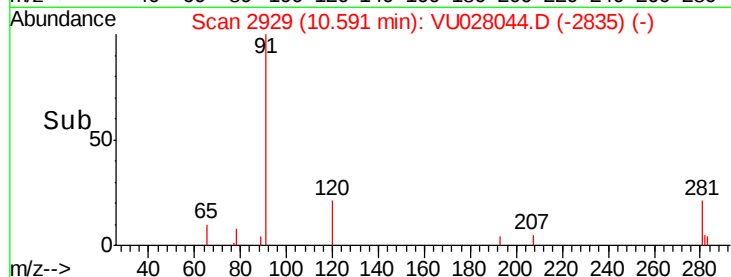


Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU027906.D (-2915) (-)

Time-->

10.59

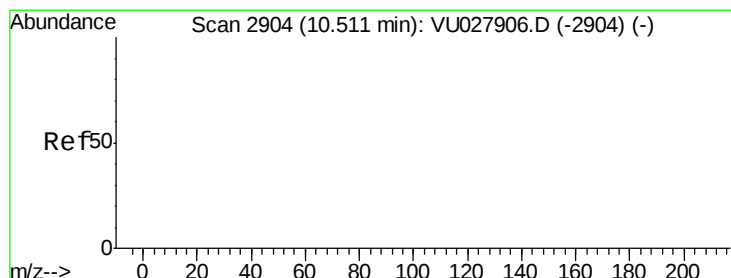


Abundance Ion 91.00 (90.70 to 91.70): VU028044.D (-2835) (-)

Ion 120.00 (119.70 to 120.70): VU028044.D (-2835) (-)

Time-->

10.59



#81

trans-1,4-Dichloro-2-butene

Concen: 52.541 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028044.D

Acq: 09 Nov 2018 15:00

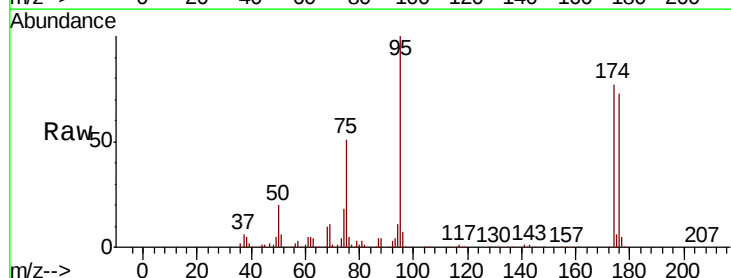
Tgt Ion: 75 Resp: 94667

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



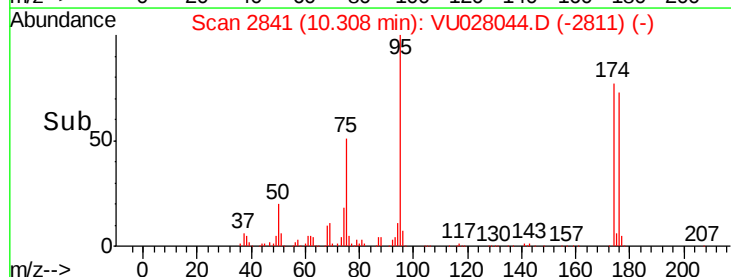
Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU027906.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU027906.D (-2904) (-)

Time-->

10.31



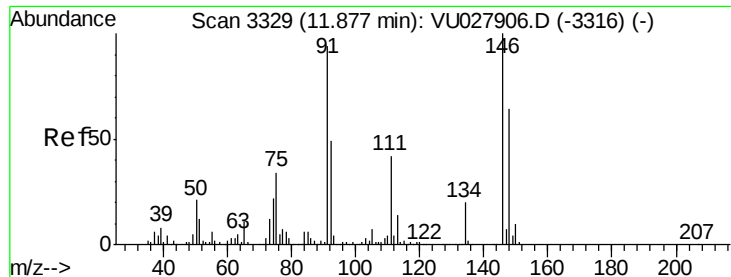
Abundance Ion 74.90 (74.60 to 75.60): VU028044.D (-2811) (-)

Ion 53.00 (52.70 to 53.70): VU028044.D (-2811) (-)

Ion 88.90 (88.60 to 89.60): VU028044.D (-2811) (-)

Time-->

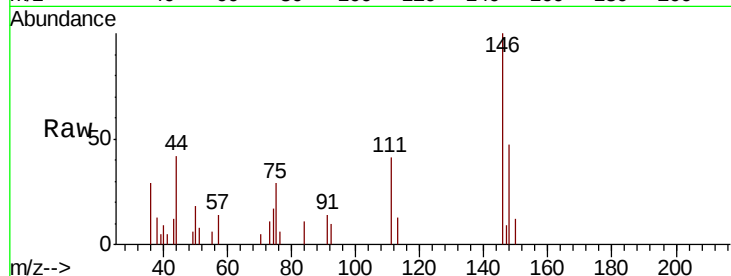
10.31



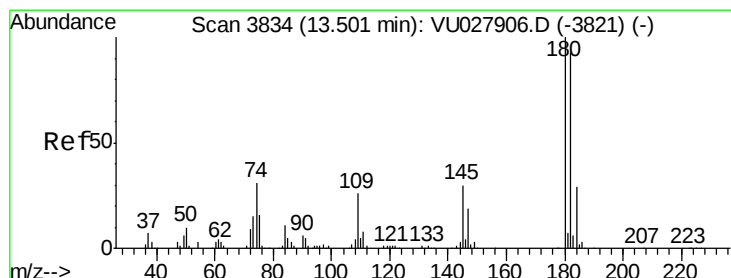
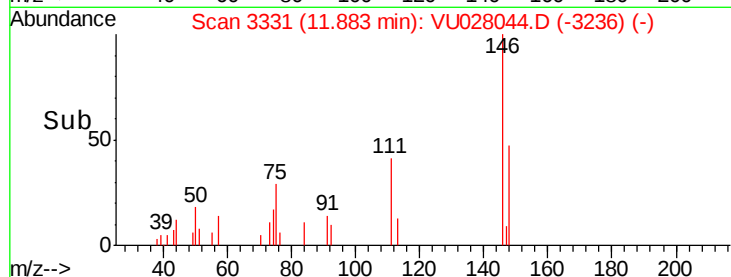
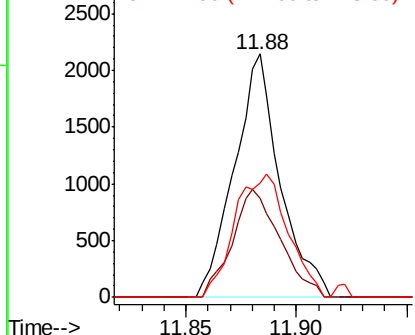
#91
 1,2-Dichlorobenzene
 Concen: 0.567 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.01 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-1

Tot Ion:146 Resp: 3074
 Ion Ratio Lower Upper
 146 100
 111 46.4 21.3 64.0
 148 59.2 31.8 95.3

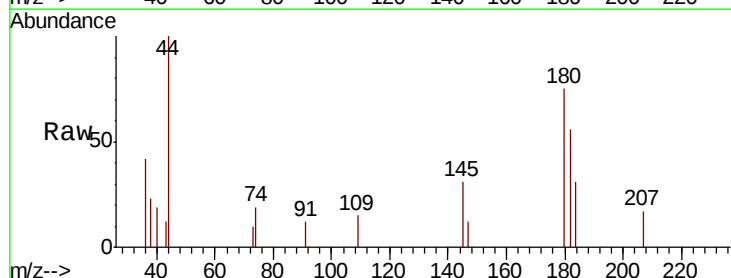


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#93
 1,2,4-Trichlorobenzene
 Concen: 1.044 ug/l
 RT: 13.52 min Scan# 3839
 Delta R.T. 0.02 min
 Lab File: VU028044.D
 Acq: 09 Nov 2018 15:00

Tgt Ion:180 Resp: 1386
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.4 145.2
 145 21.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

