

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028042.D
 Acq On : 09 Nov 2018 14:14
 Operator : MD/SY
 Sample : J5885-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2

Quant Time: Nov 12 06:15:01 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	192833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	374302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	334233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	143950	50.00	ug/l	0.00

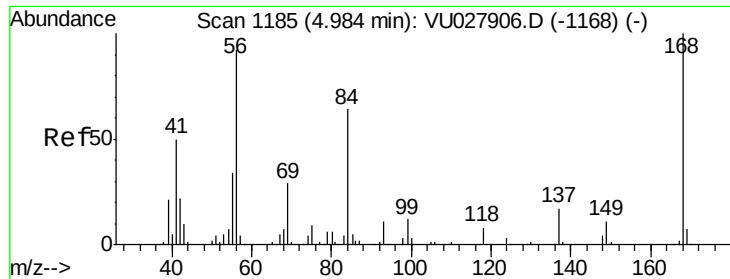
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	162985	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	4.89	113	120960	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	7.57	98	485466	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	10.31	95	160194	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
6) Chloroethane	1.71	64	340	0.201	ug/l #	42
11) Tert butyl alcohol	2.84	59	1377	1.814	ug/l #	73
13) Acrolein	2.10	56	84	Below Cal	#	1
16) Acetone	2.32	43	3083	1.733	ug/l	93
17) Carbon Disulfide	2.49	76	1364	0.206	ug/l #	81
26) 2,2-Dichloropropane	4.20	77	1278	0.335	ug/l #	53
27) cis-1,2-Dichloroethene	4.23	96	12917	4.939	ug/l	94
30) Chloroform	4.68	83	4893	1.051	ug/l	94
31) Cyclohexane	4.99	56	4463	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	16920	4.316	ug/l #	46
38) Carbon Tetrachloride	4.99	117	19310	5.558	ug/l #	16
44) Trichloroethene	6.19	130	7982	3.098	ug/l	92
51) 4-Methyl-2-Pentanone	7.48	43	1242	0.207	ug/l #	70
55) 1,1,2-Trichloroethane	8.23	97	24470	8.536	ug/l #	1
59) 2-Hexanone	8.39	43	943	0.203	ug/l #	57
60) Dibromochloromethane	8.23	129	2653026	978.000	ug/l #	10
64) Tetrachloroethene	8.23	164	2748720	1268.294	ug/l	99
68) m/p-Xylenes	9.38	106	1047	0.222	ug/l	91
69) o-Xylene	9.78	106	1163	0.244	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	85466	21.706	ug/l #	35
78) n-propylbenzene	10.59	91	5388	0.404	ug/l	93
79) 2-Chlorotoluene	10.68	91	2813	0.352	ug/l #	50
80) 1,3,5-Trimethylbenzene	10.77	105	5809	0.629	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.31	75	85466	54.173	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	14041	1.509	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	967	0.205	ug/l	84
89) n-Butylbenzene	11.89	91	1997	0.224	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	768	0.912	ug/l #	65
94) Hexachlorobutadiene	13.69	225	426	0.282	ug/l	88
96) 1,2,3-Trichlorobenzene	13.99	180	1363	0.428	ug/l #	17

(#) = 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: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

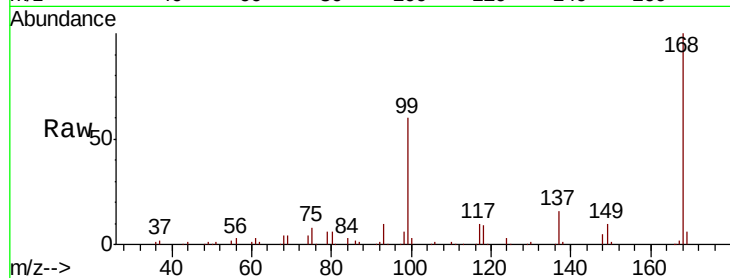
RW-2

Tot Ion:168 Resp: 192833

Ion Ratio Lower Upper

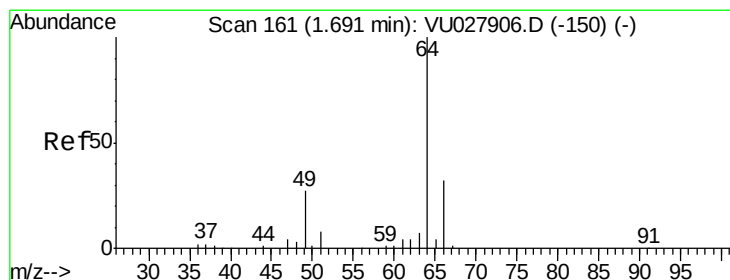
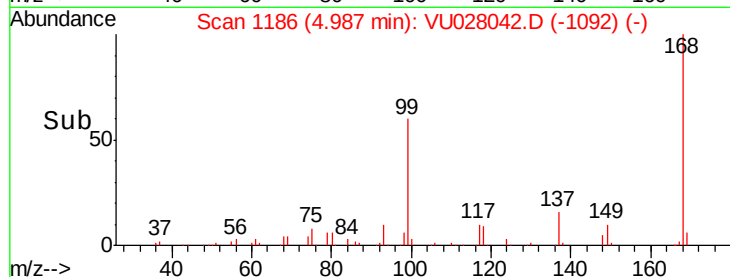
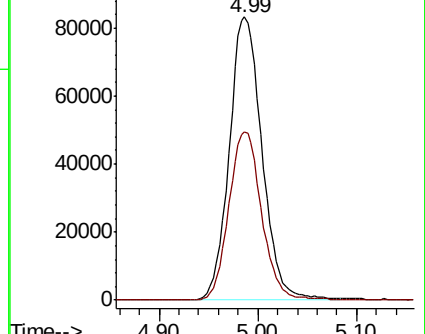
168 100

99 59.4 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028042.D (-1092) (-)



#6

Chloroethane

Concen: 0.201 ug/l

RT: 1.71 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU028042.D

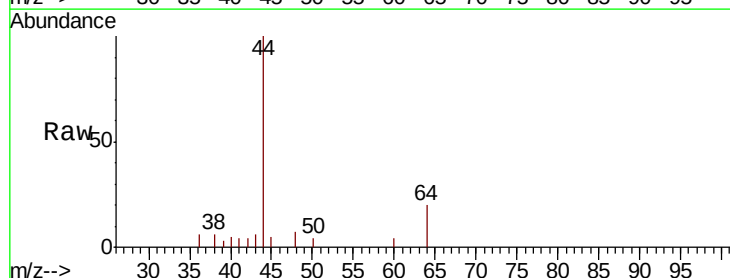
Acq: 09 Nov 2018 14:14

Tgt Ion: 64 Resp: 340

Ion Ratio Lower Upper

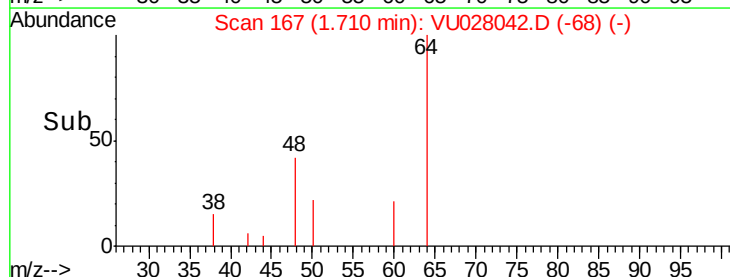
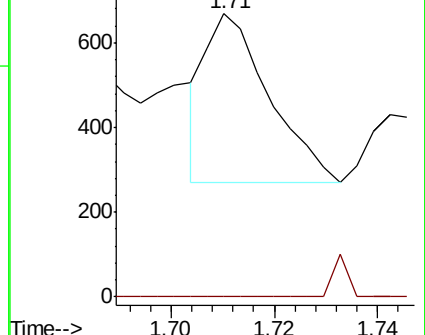
64 100

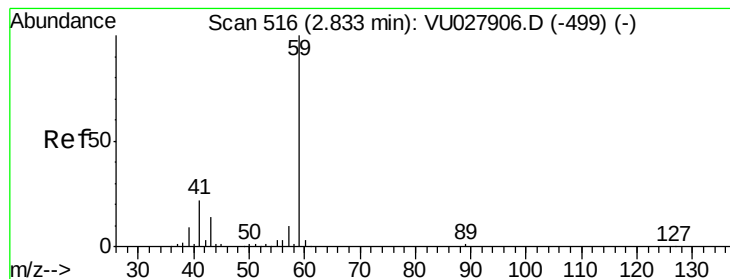
66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VU027906.D (-150) (-)

Ion 65.90 (65.60 to 66.60): VU028042.D (-68) (-)





#11

Tert butyl alcohol

Concen: 1.814 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampled :

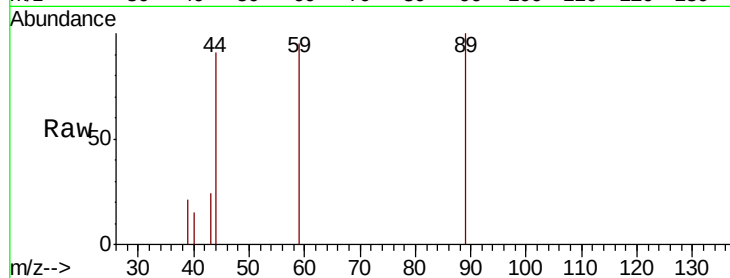
RW-2

Tot Ion: 59 Resp: 1377

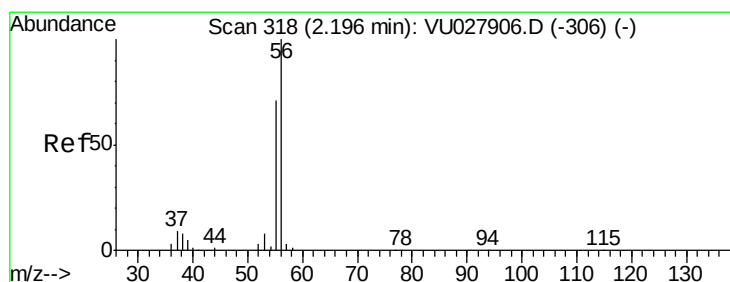
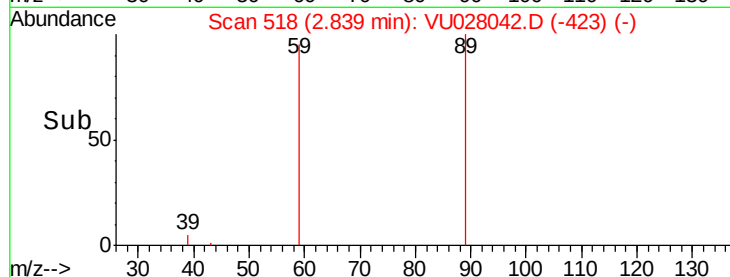
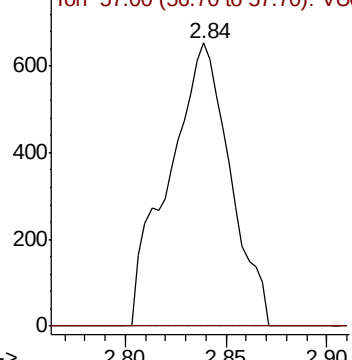
Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)



#13

Acrolein

Concen: Below Cal

RT: 2.10 min Scan# 287

Delta R.T. -0.10 min

Lab File: VU028042.D

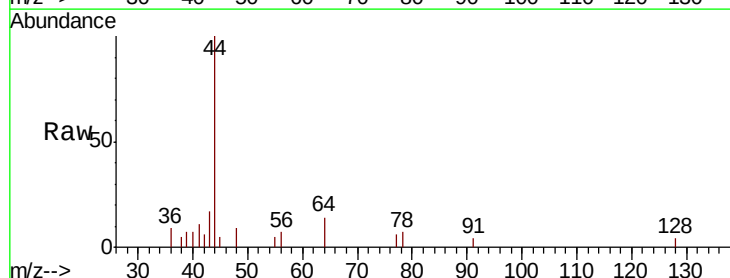
Acq: 09 Nov 2018 14:14

Tgt Ion: 56 Resp: 84

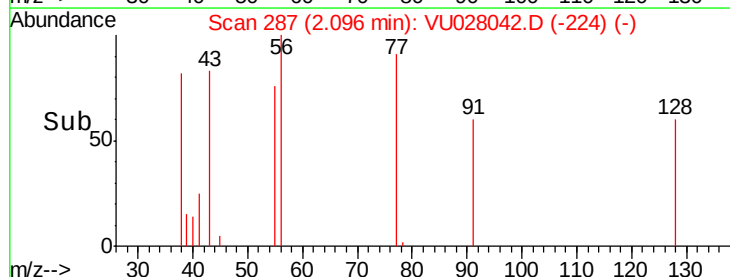
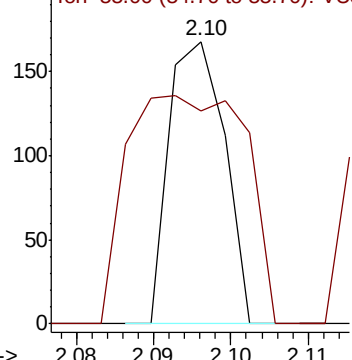
Ion Ratio Lower Upper

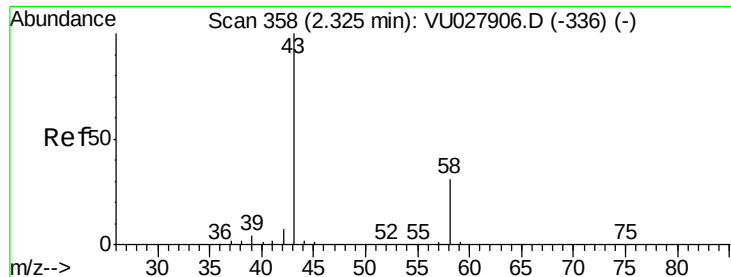
56 100

55 172.6 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)





#16

Acetone

Concen: 1.733 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

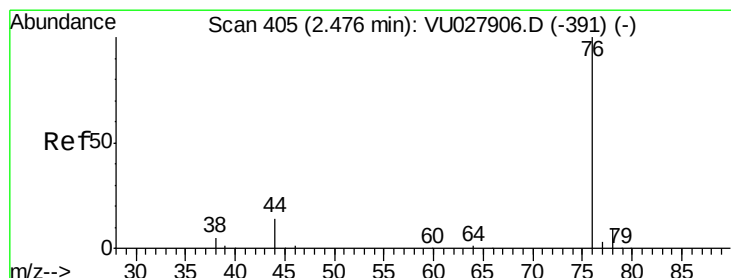
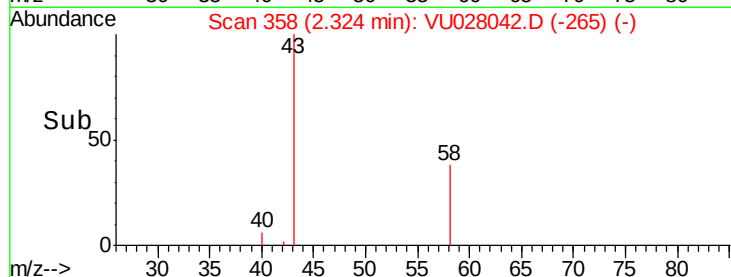
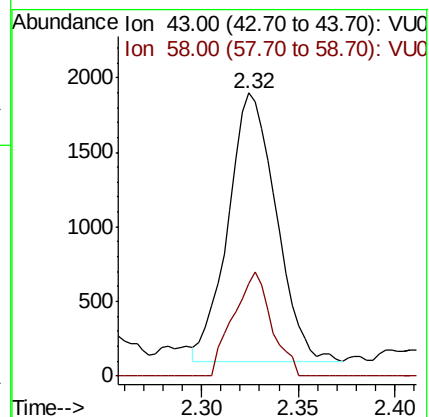
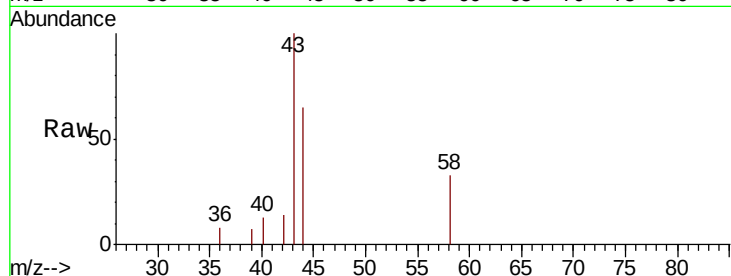
RW-2

Tot Ion: 43 Resp: 3083

Ion Ratio Lower Upper

43 100

58 34.7 24.6 37.0



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU028042.D

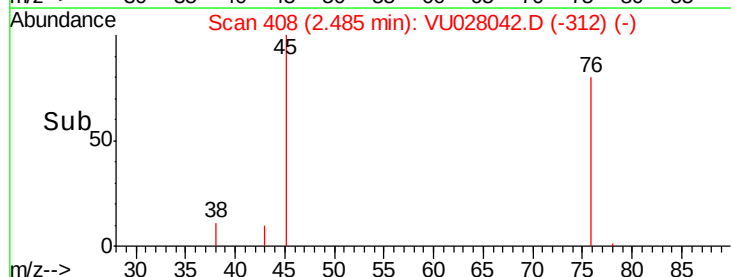
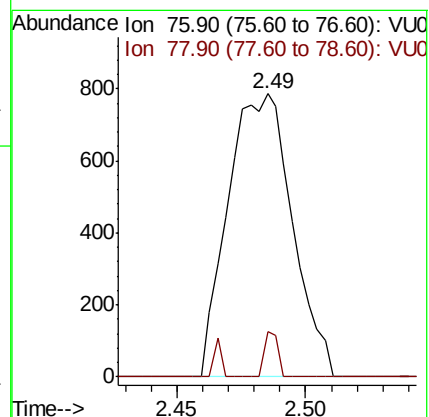
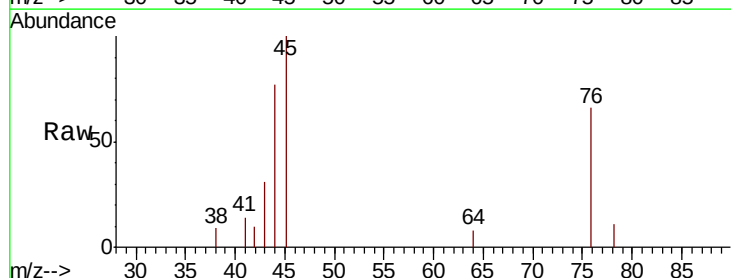
Acq: 09 Nov 2018 14:14

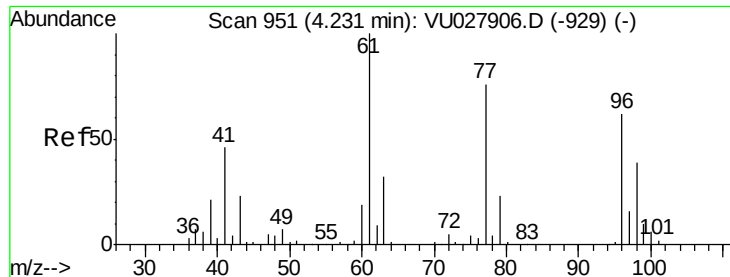
Tgt Ion: 76 Resp: 1364

Ion Ratio Lower Upper

76 100

78 16.2 7.4 11.0#

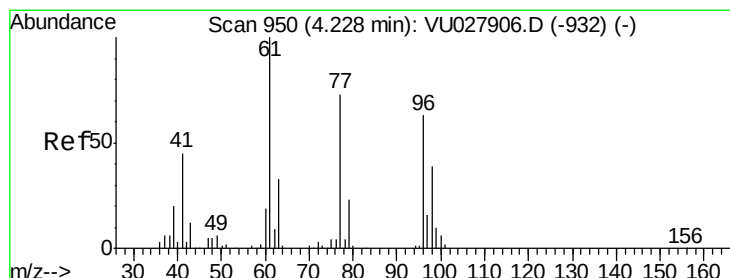
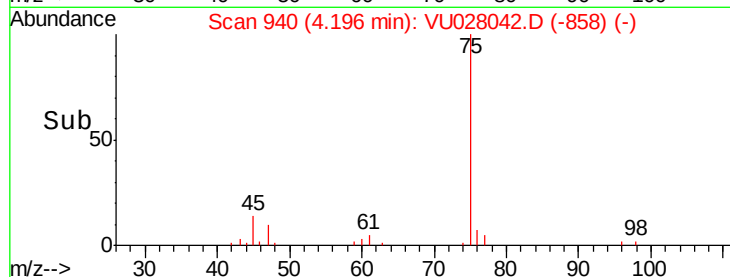
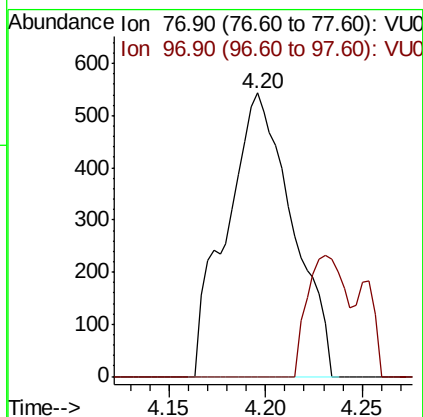
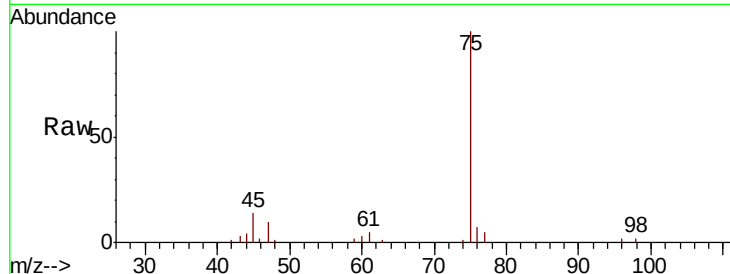




#26
 2,2-Dichloropropane
 Concen: 0.335 ug/l
 RT: 4.20 min Scan# 940
 Delta R.T. -0.04 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

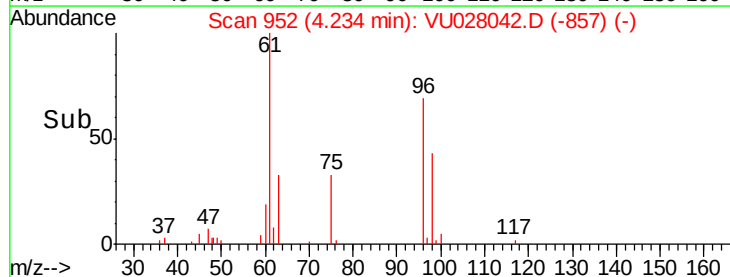
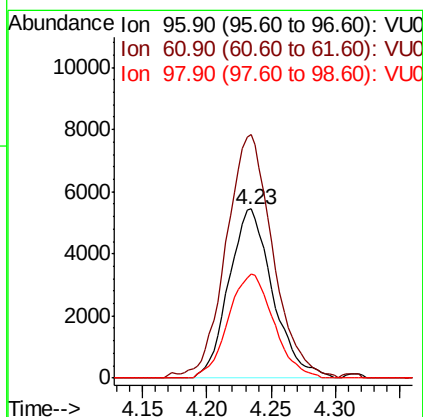
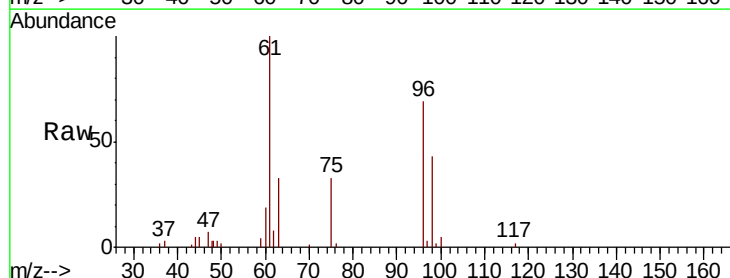
Instrument :
 MSVOA_U
 ClientSampled :
 RW-2

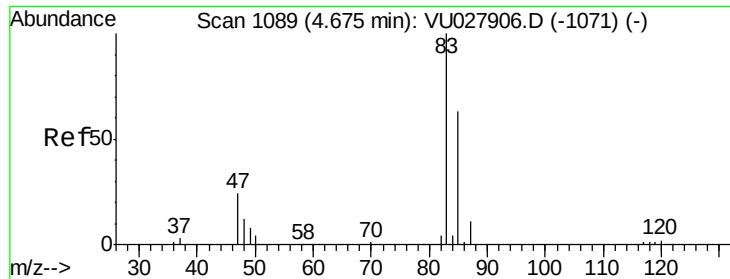
Tot Ion: 77 Resp: 1278
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#27
 cis-1,2-Dichloroethene
 Concen: 4.939 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Tgt Ion: 96 Resp: 12917
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 329.6
 98 63.6 0.0 127.2





#30

Chloroform

Concen: 1.051 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

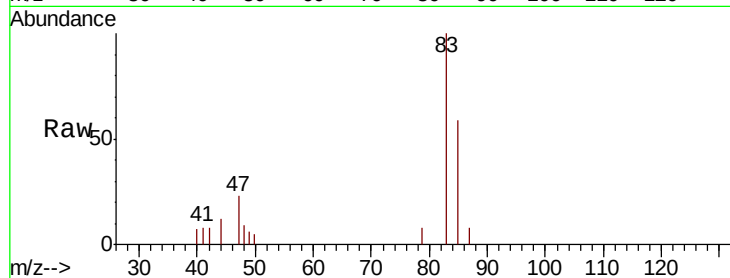
RW-2

Tot Ion: 83 Resp: 4893

Ion Ratio Lower Upper

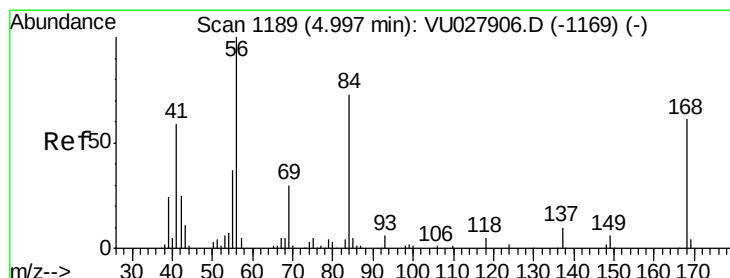
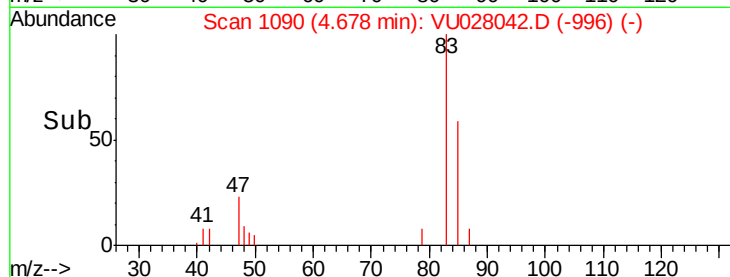
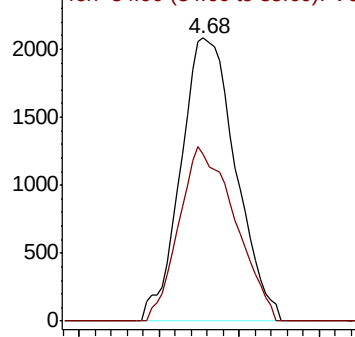
83 100

85 58.7 50.6 76.0



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: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

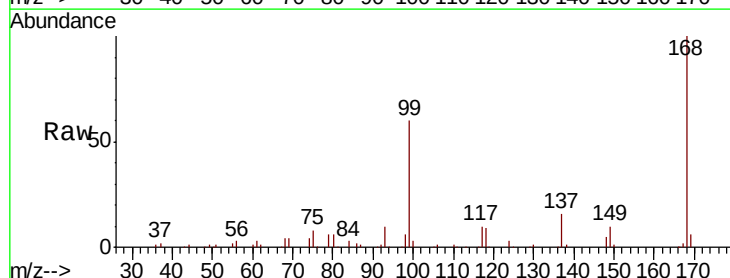
Tgt Ion: 56 Resp: 4463

Ion Ratio Lower Upper

56 100

69 176.4 23.7 35.5#

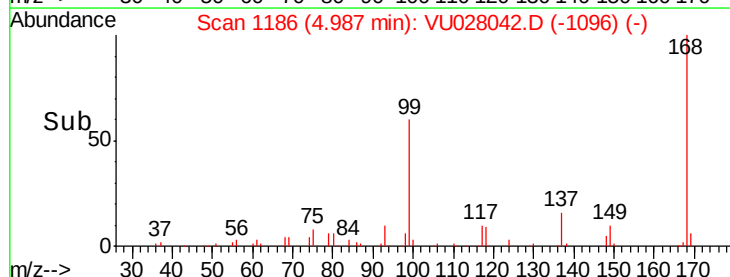
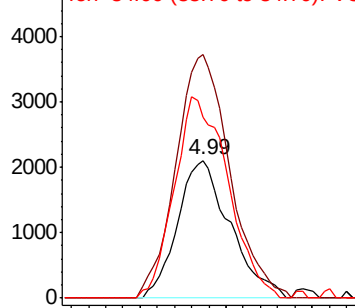
84 131.3 58.2 87.4#

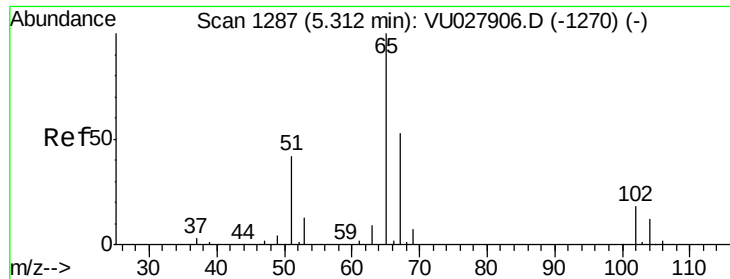


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

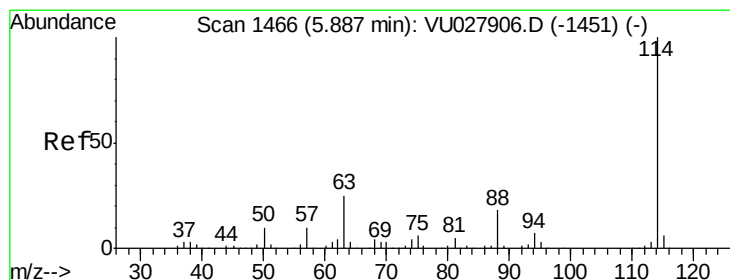
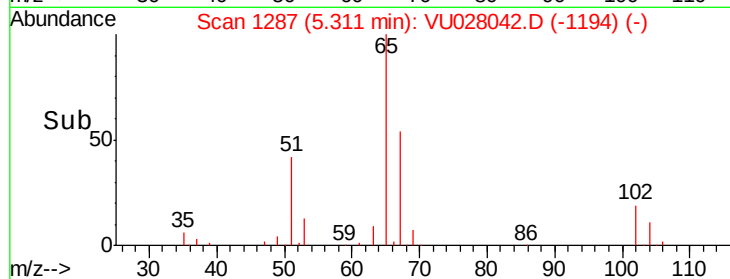
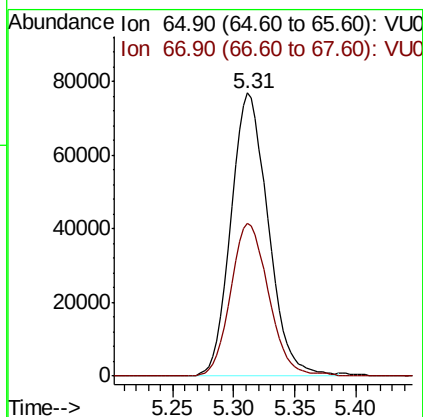
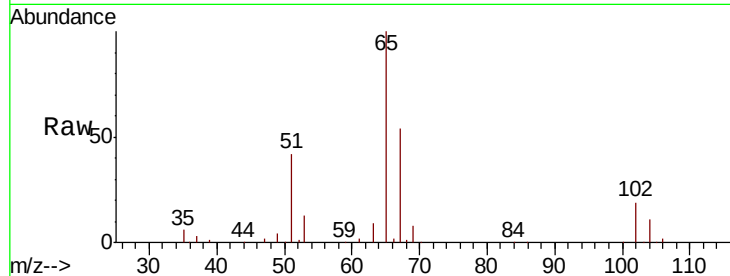




#33
 1,2-Dichloroethane-d4
 Concen: 56.850 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

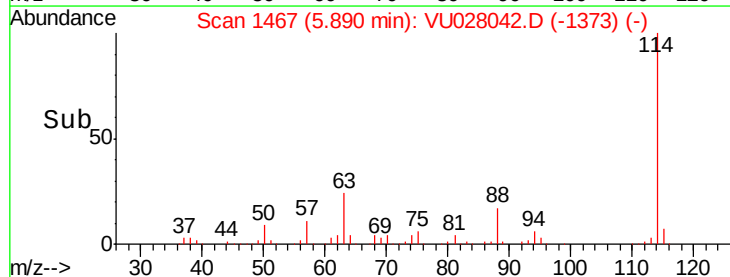
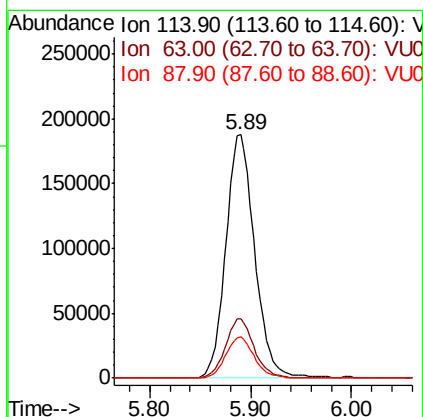
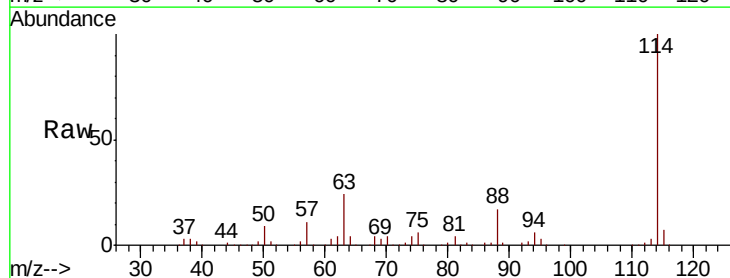
Instrument :
 MSVOA_U
 ClientSampled :
 RW-2

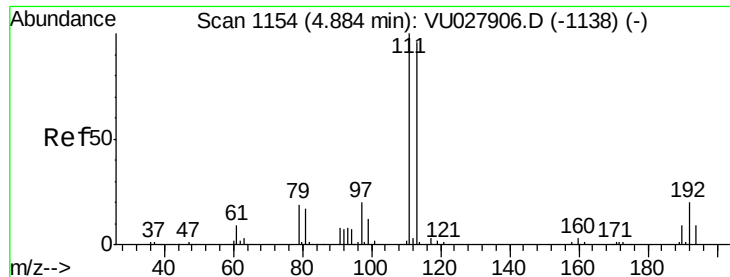
Tot Ion: 65 Resp: 162985
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Tgt Ion: 114 Resp: 374302
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.8 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.254 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :
MSVOA_U
ClientSampled :
RW-2

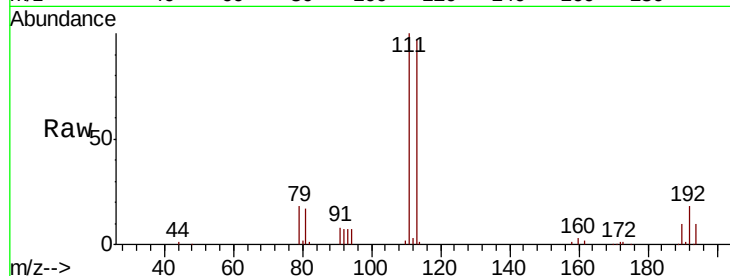
Tot Ion:113 Resp: 120960

Ion Ratio Lower Upper

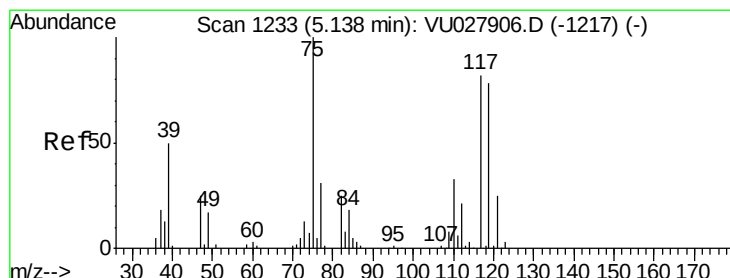
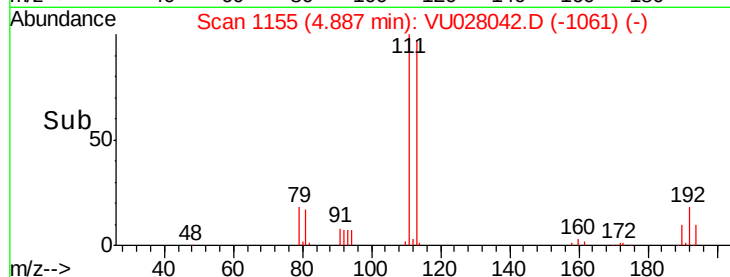
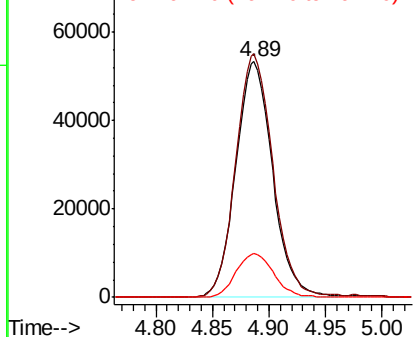
113 100

111 104.1 83.0 124.6

192 19.2 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: 4.316 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.15 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

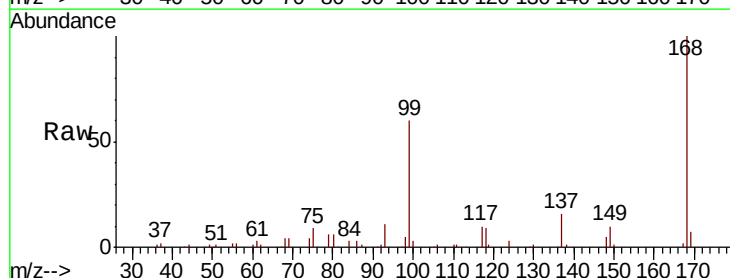
Tgt Ion: 75 Resp: 16920

Ion Ratio Lower Upper

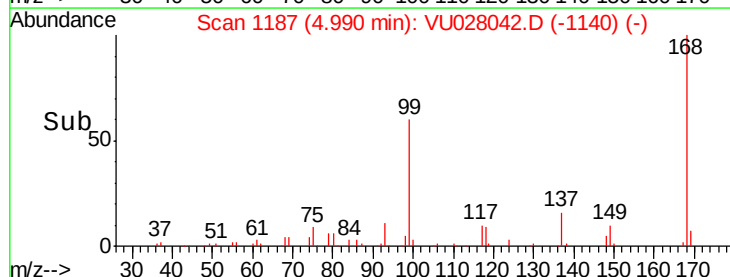
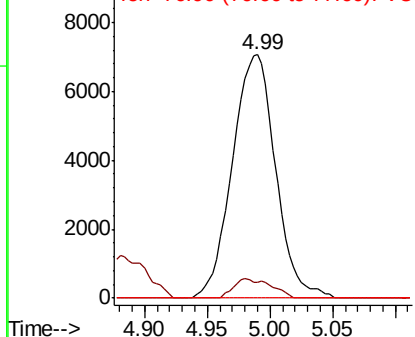
75 100

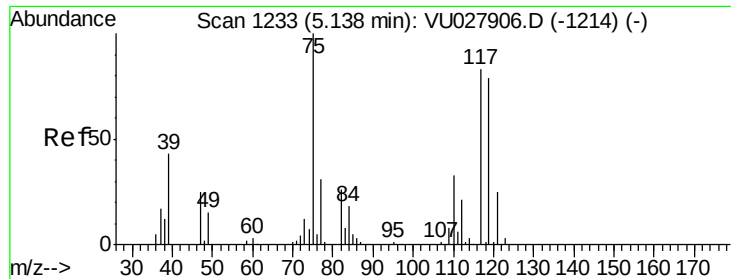
110 4.2 16.5 49.5#

77 0.0 24.9 37.3#



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: 5.558 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

RW-2

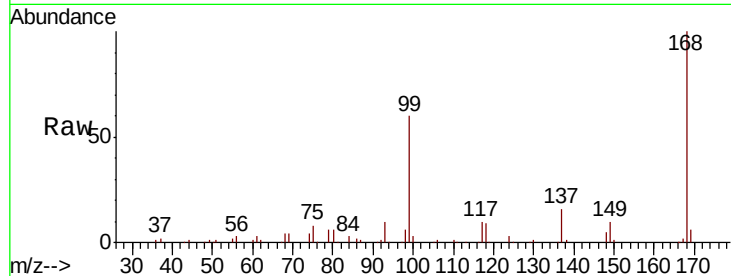
Tot Ion:117 Resp: 19310

Ion Ratio Lower Upper

117 100

119 4.8 76.0 114.0#

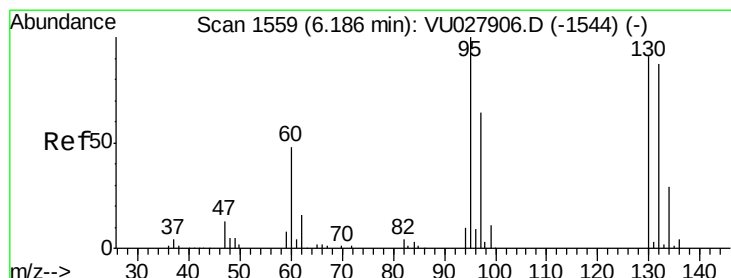
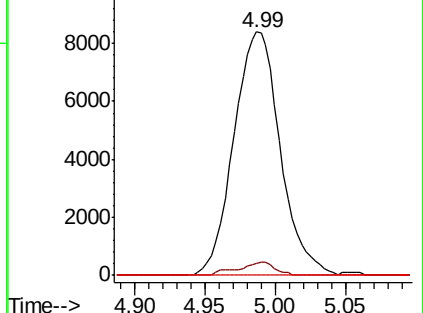
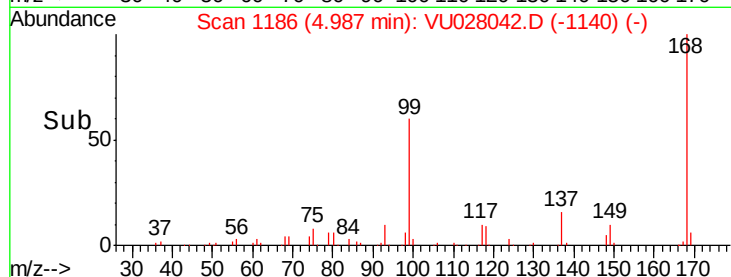
121 0.0 24.5 36.7#



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: 3.098 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028042.D

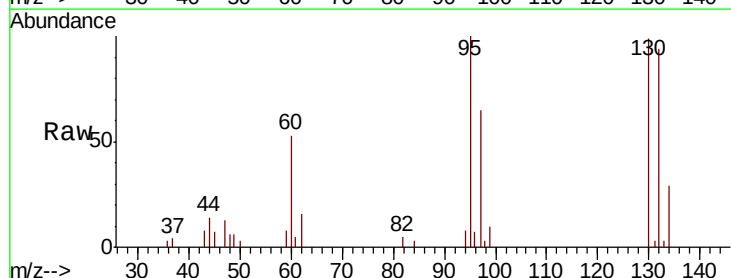
Acq: 09 Nov 2018 14:14

Tgt Ion:130 Resp: 7982

Ion Ratio Lower Upper

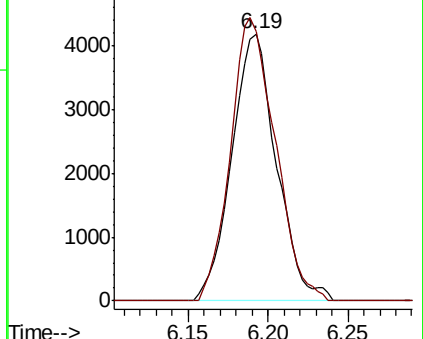
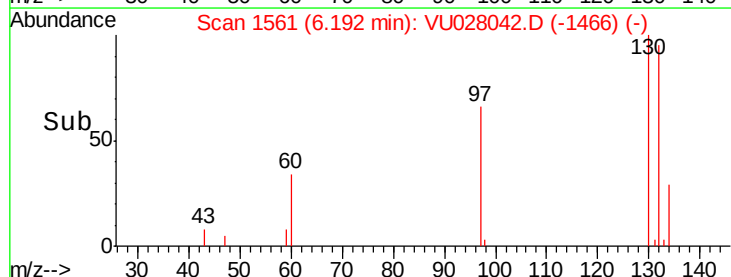
130 100

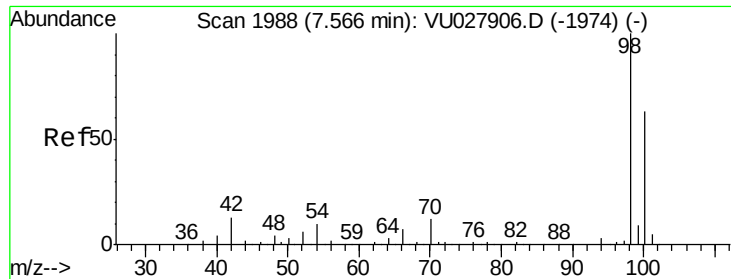
95 100.9 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

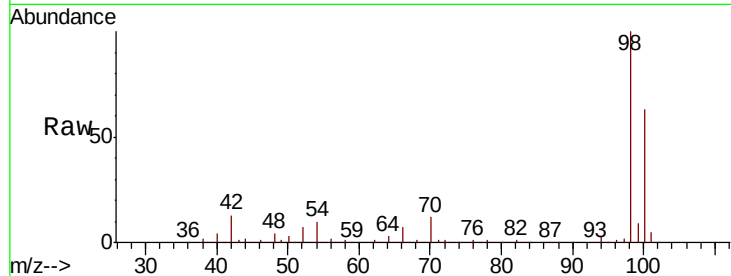




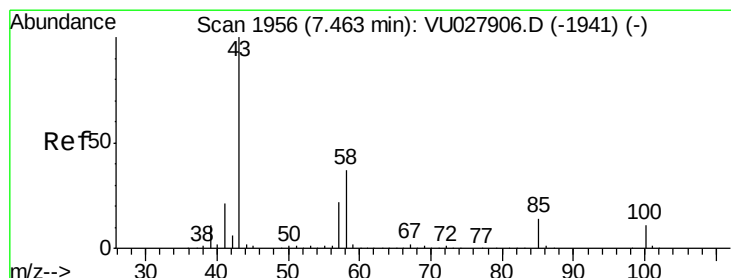
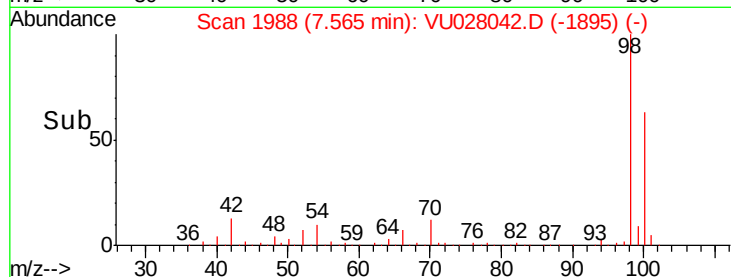
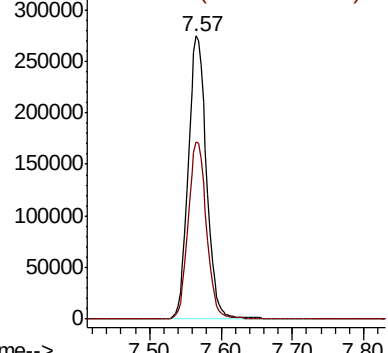
#50
Toluene-d8
Concen: 53.251 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Instrument :
MSVOA_U
ClientSampled :
RW-2

Tot Ion: 98 Resp: 485466
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

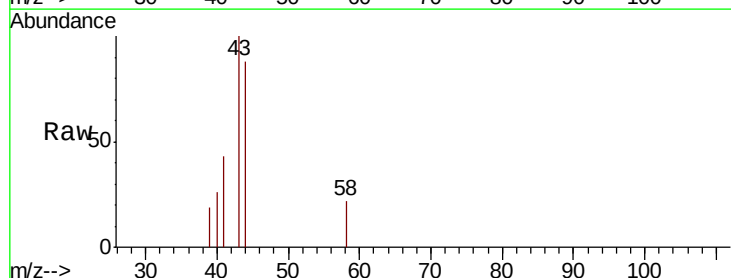


Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

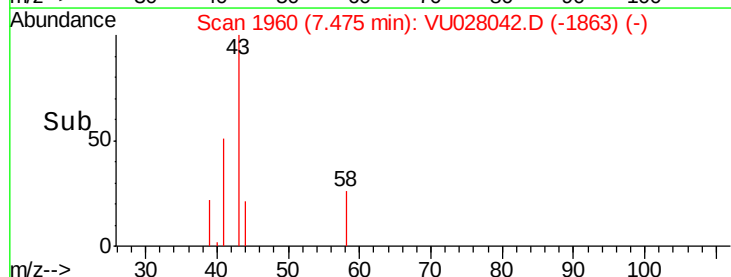
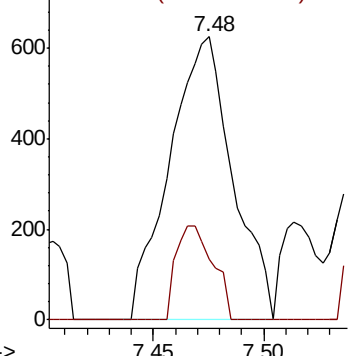


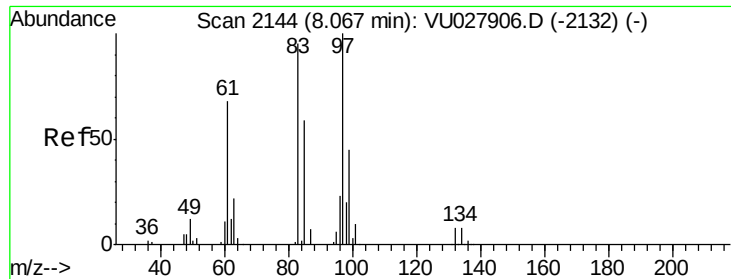
#51
4-Methyl-2-Pentanone
Concen: 0.207 ug/l
RT: 7.48 min Scan# 1960
Delta R.T. 0.01 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 19.3 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)
Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

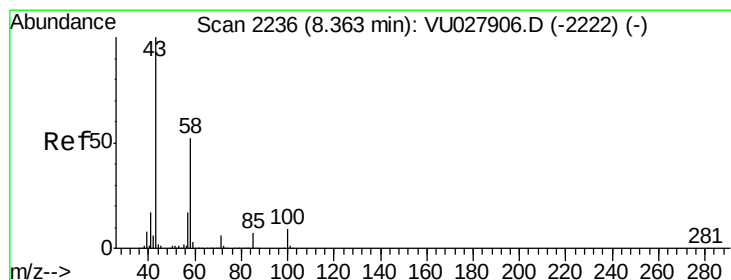
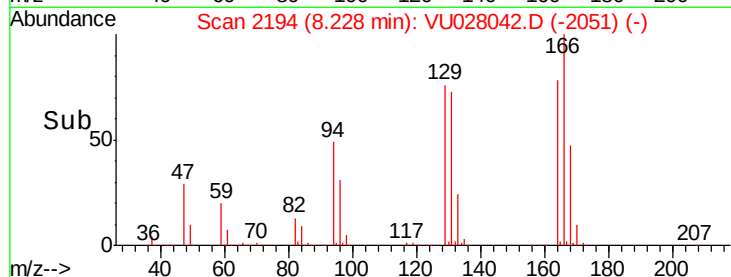
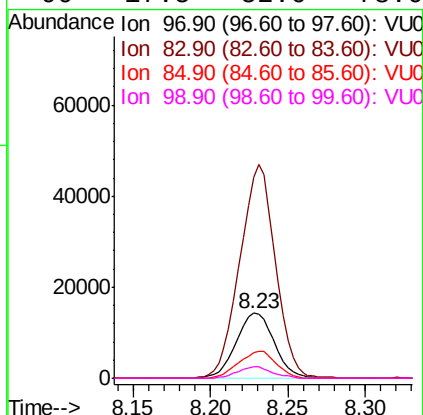
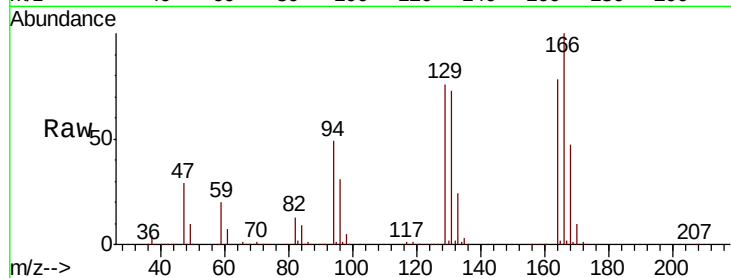




#55
 1,1,2-Trichloroethane
 Concen: 8.536 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.16 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

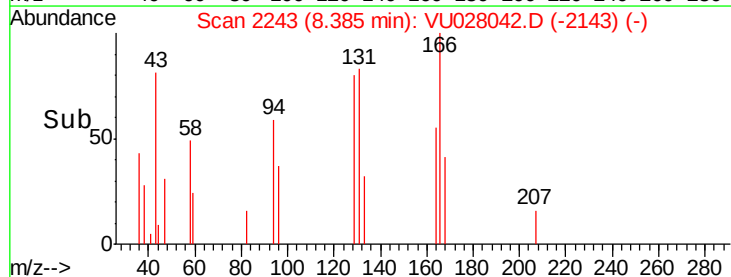
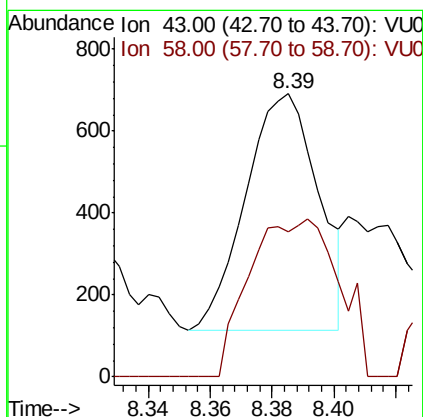
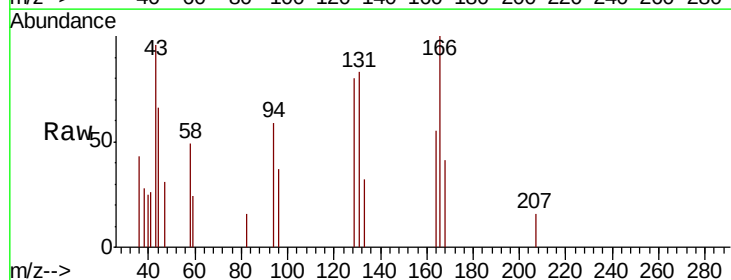
Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2

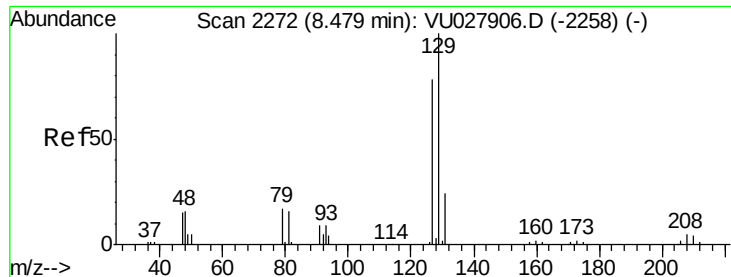
Tot Ion: 97 Resp: 24470
 Ion Ratio Lower Upper
 97 100
 83 309.4 76.1 114.1#
 85 38.6 48.9 73.3#
 99 17.5 52.0 78.0#



#59
 2-Hexanone
 Concen: 0.203 ug/l
 RT: 8.39 min Scan# 2243
 Delta R.T. 0.02 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Tgt Ion: 43 Resp: 943
 Ion Ratio Lower Upper
 43 100
 58 81.9 25.8 77.3#





#60

Dibromochloromethane

Concen: 978.000 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampled :

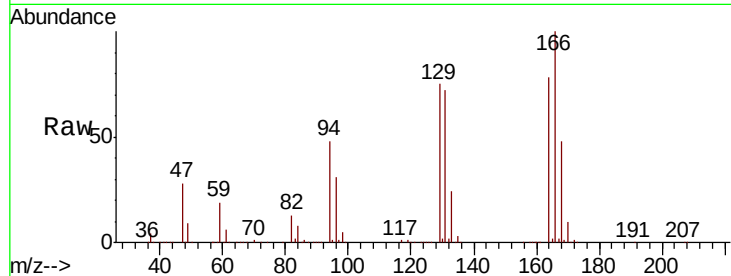
RW-2

Tot Ion:129 Resp: 2653026

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.23

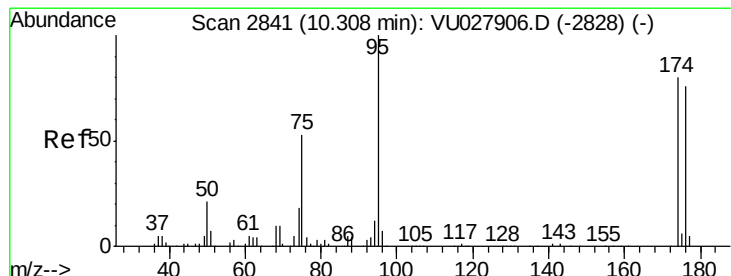
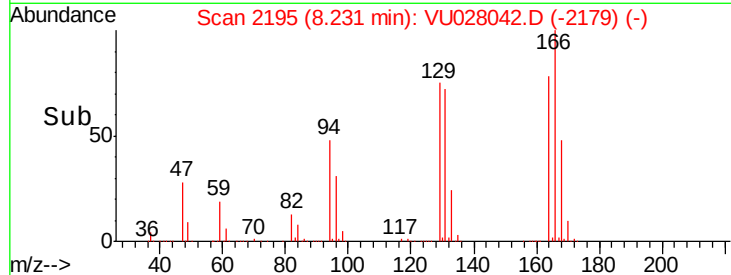
1500000

1000000

500000

0

Time--> 8.10 8.20 8.30 8.40



#62

4-Bromofluorobenzene

Concen: 47.640 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

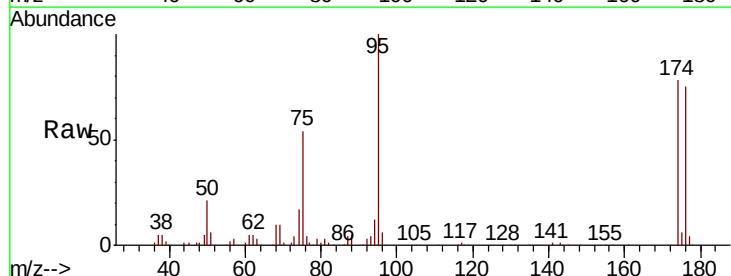
Tgt Ion: 95 Resp: 160194

Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.4

176 75.0 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

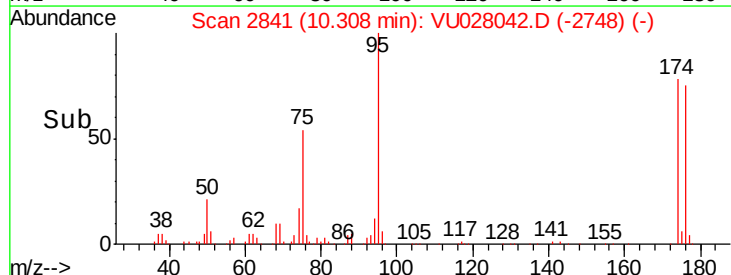
10.31

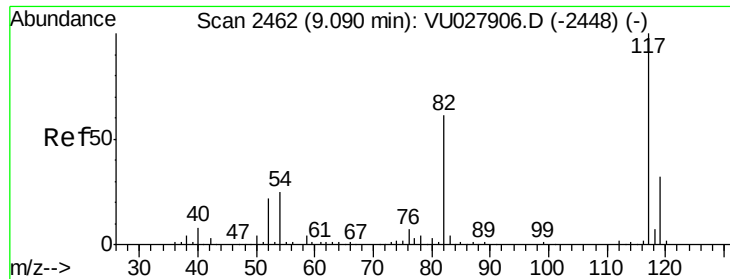
100000

50000

0

Time--> 10.25 10.30 10.35 10.40

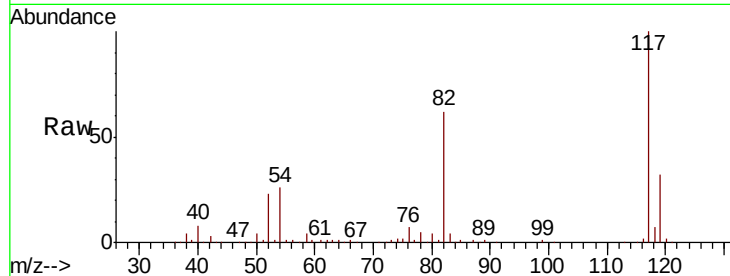




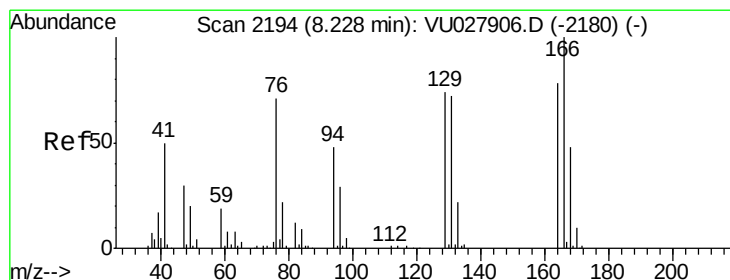
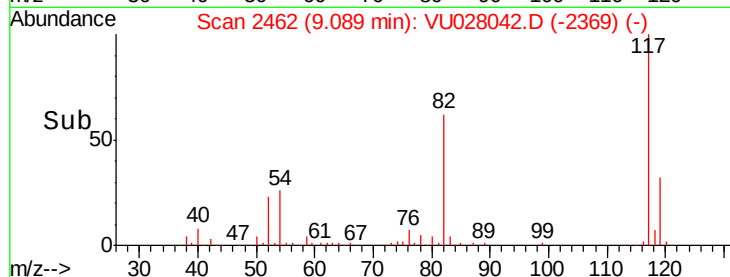
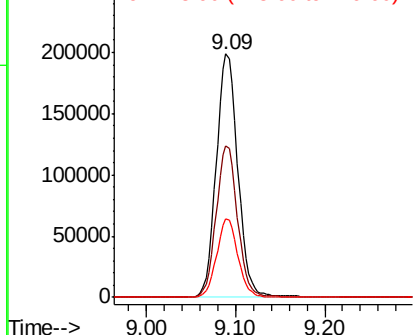
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Instrument :
MSVOA_U
ClientSampleId :
RW-2

Tot Ion:117 Resp: 334233
Ion Ratio Lower Upper
117 100
82 62.3 48.6 73.0
119 32.2 25.8 38.8

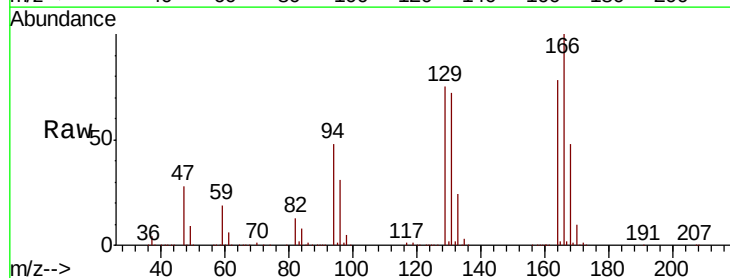


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

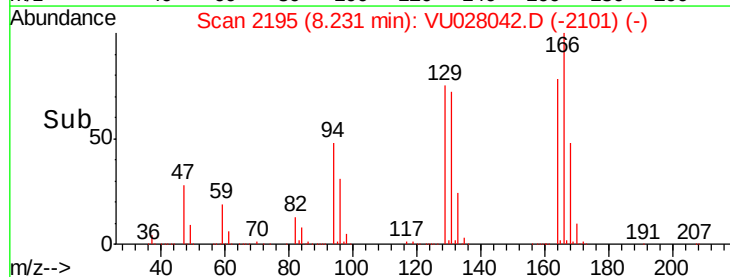
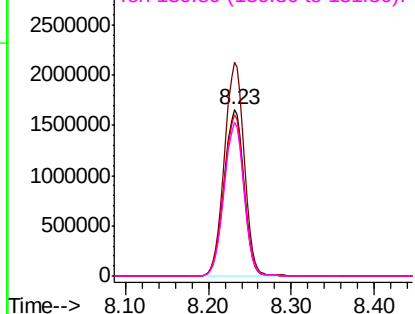


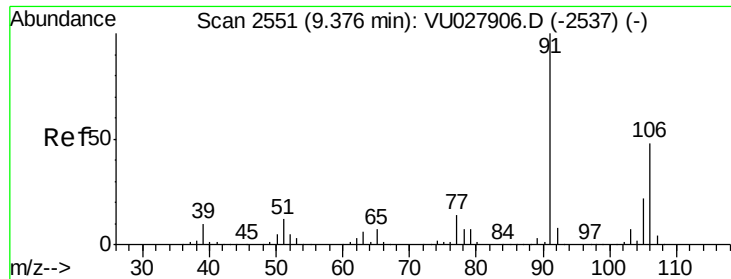
#64
Tetrachloroethene
Concen: 1268.294 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Tgt Ion:164 Resp: 2748720
Ion Ratio Lower Upper
164 100
166 128.6 102.1 153.1
129 96.8 75.9 113.9
131 92.8 73.0 109.6



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

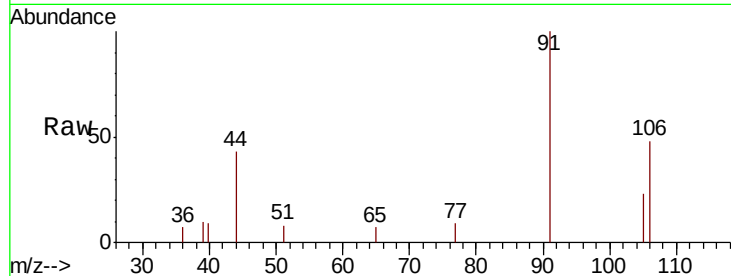




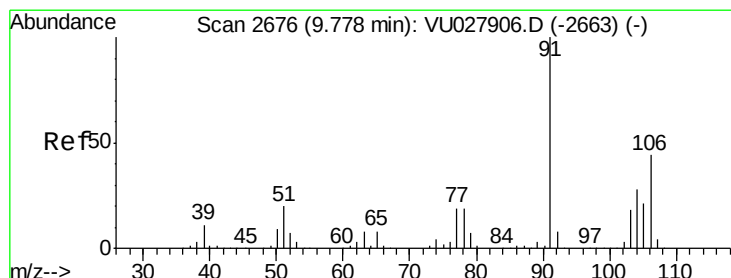
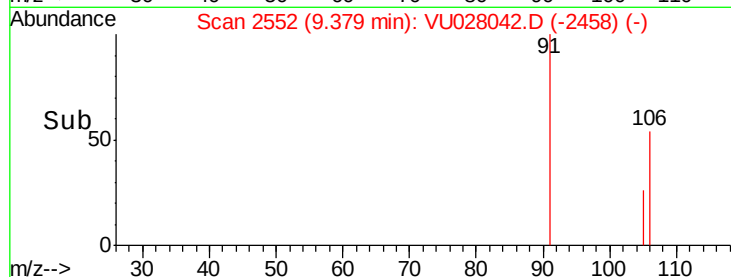
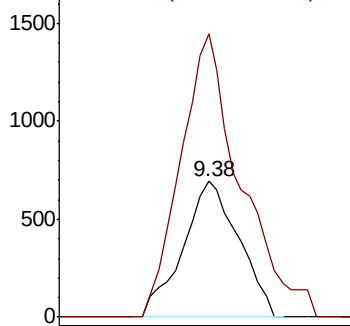
#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Instrument :
MSVOA_U
ClientSampleId :
RW-2

Tot Ion:106 Resp: 1047
Ion Ratio Lower Upper
106 100
91 224.5 168.2 252.4

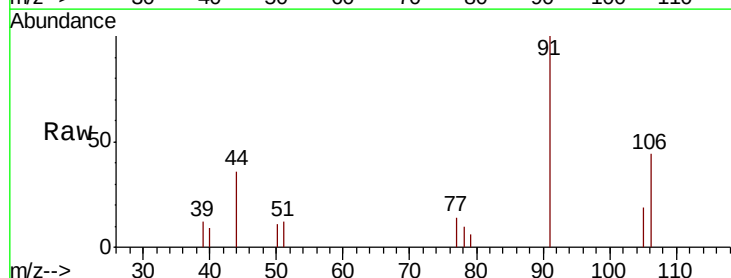


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

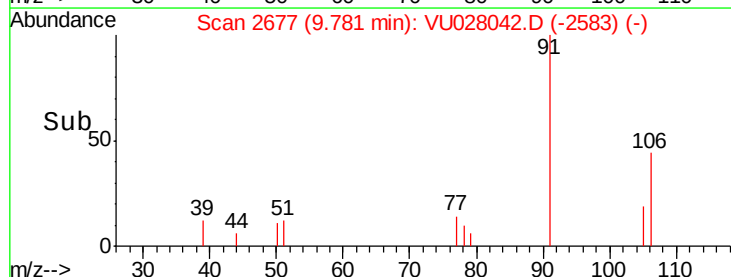
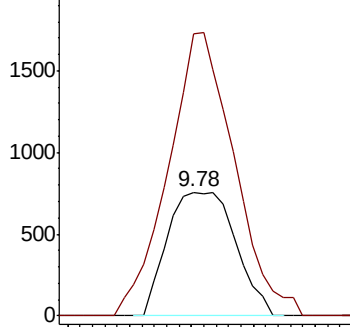


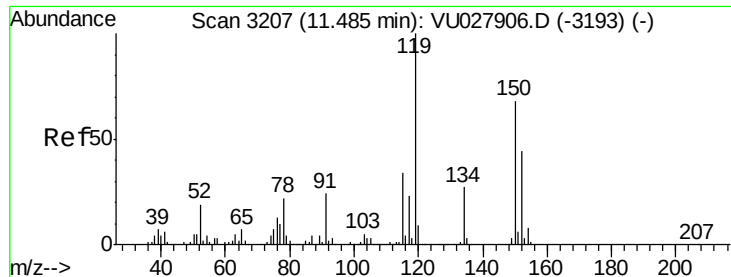
#69
o-Xylene
Concen: 0.244 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Tgt Ion:106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 221.3 111.1 333.4



Abundance Ion 106.00 (105.70 to 106.70): V
2000 Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

RW-2

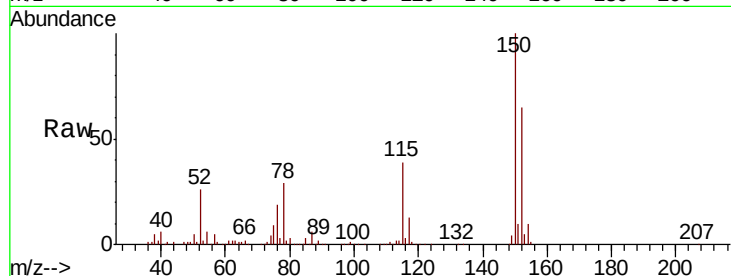
Tot Ion:152 Resp: 143950

Ion Ratio Lower Upper

152 100

115 59.5 43.0 129.0

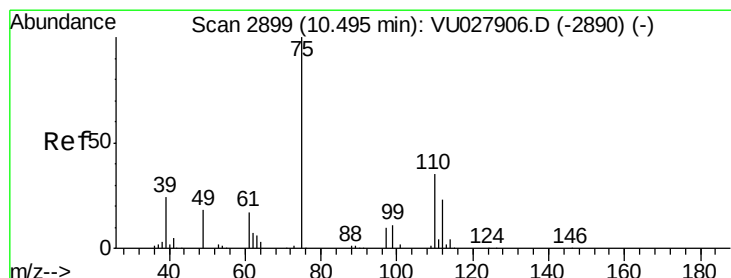
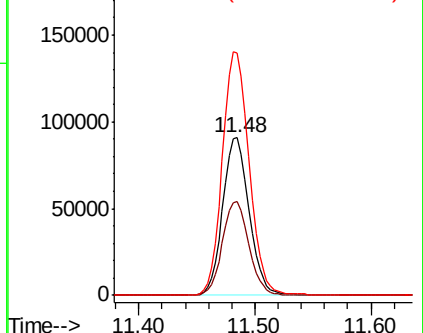
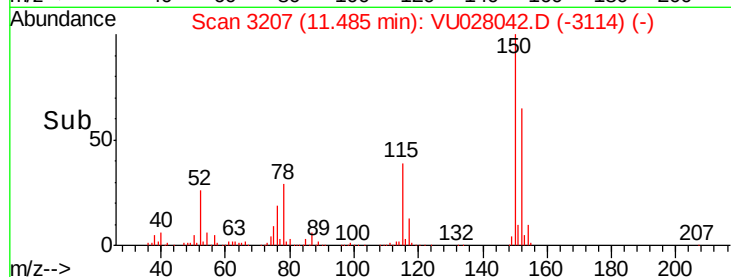
150 155.6 0.0 349.4



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: 21.706 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU028042.D

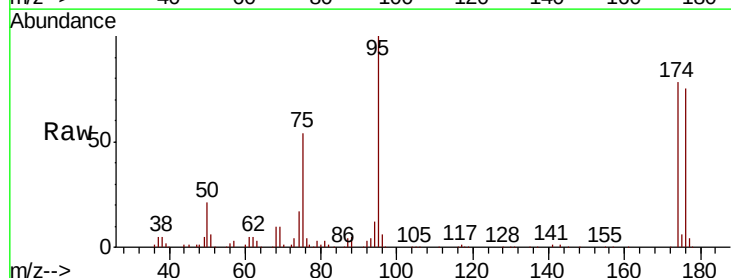
Acq: 09 Nov 2018 14:14

Tgt Ion: 75 Resp: 85466

Ion Ratio Lower Upper

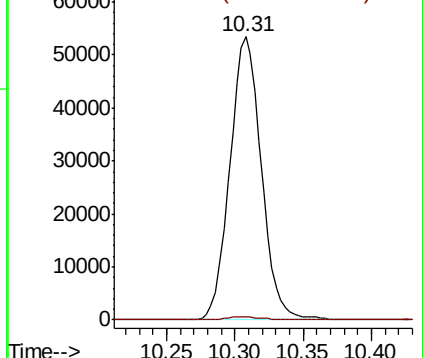
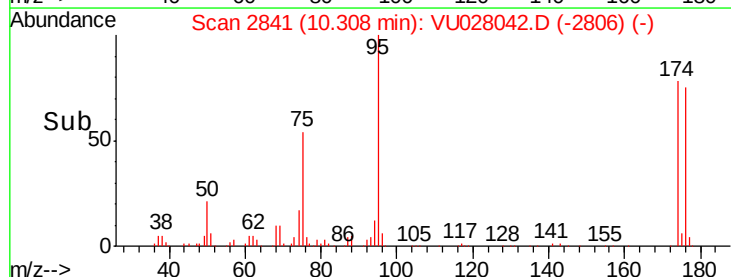
75 100

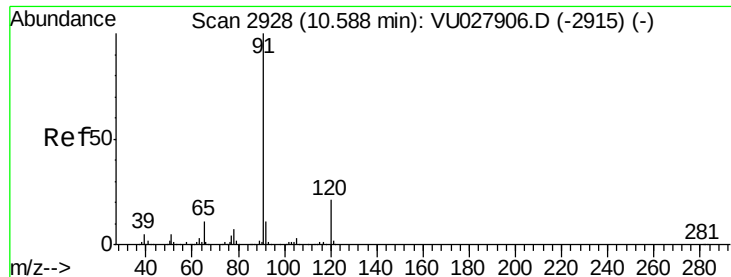
77 1.2 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.404 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampled :

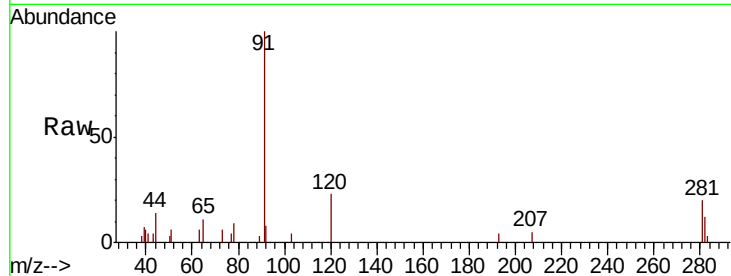
RW-2

Tot Ion: 91 Resp: 5388

Ion Ratio Lower Upper

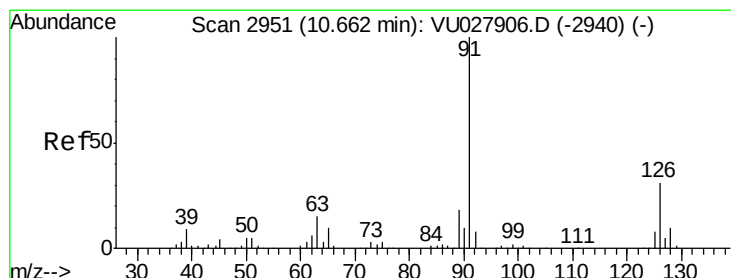
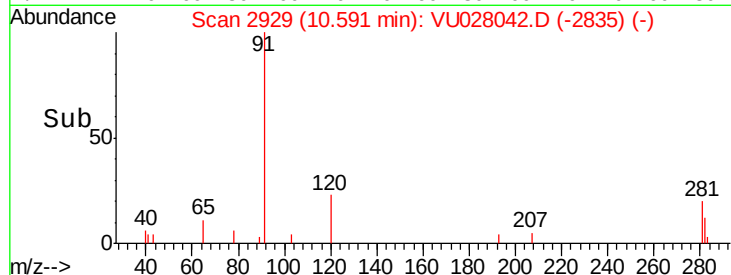
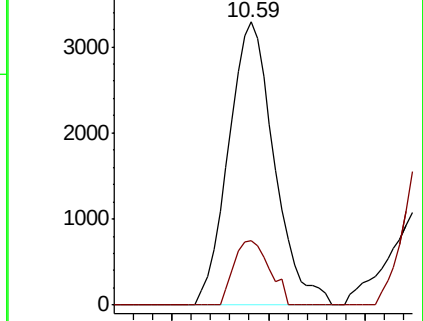
91 100

120 17.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.352 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028042.D

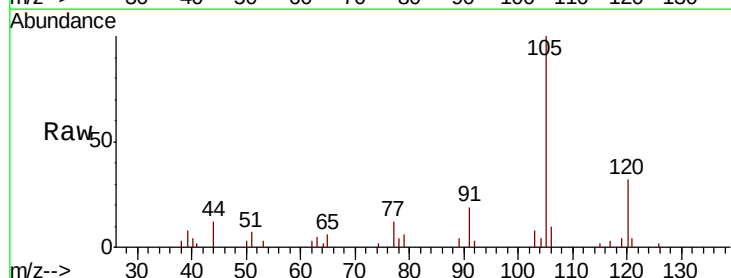
Acq: 09 Nov 2018 14:14

Tgt Ion: 91 Resp: 2813

Ion Ratio Lower Upper

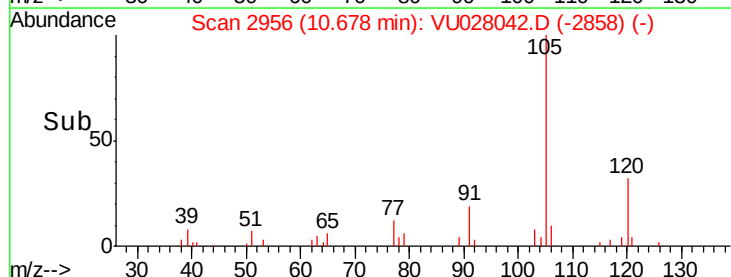
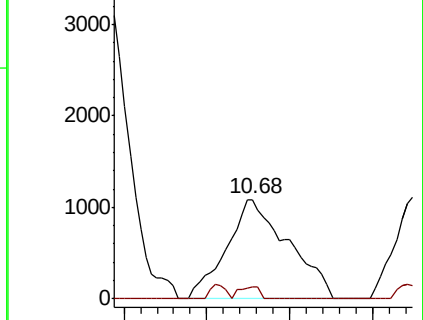
91 100

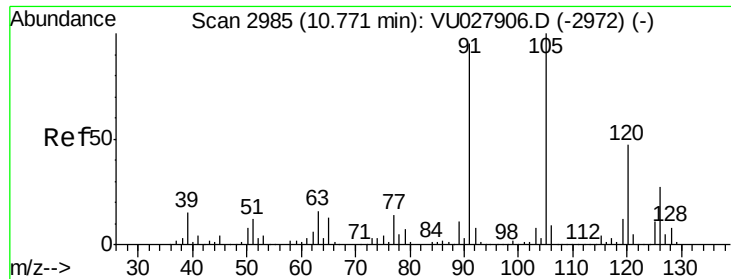
126 4.0 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.629 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

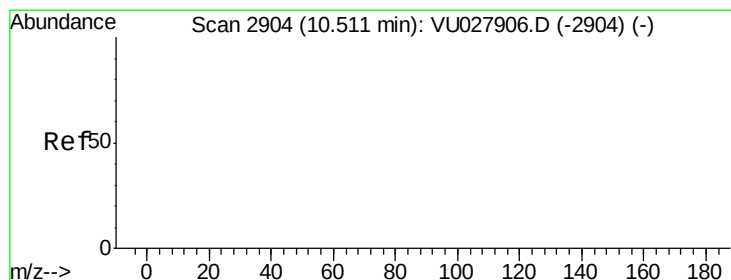
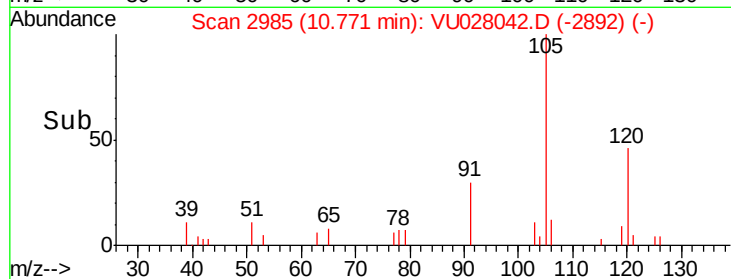
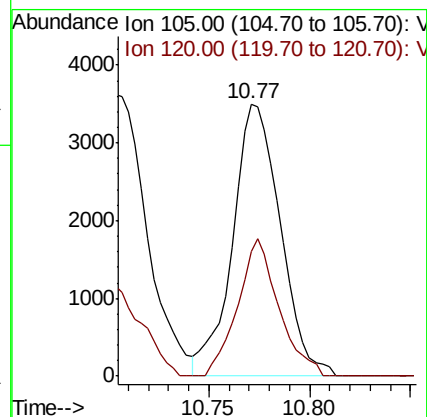
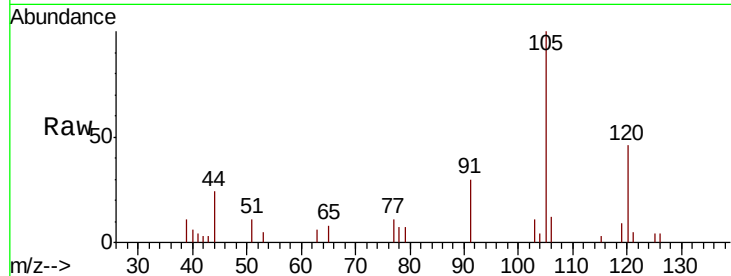
RW-2

Tot Ion:105 Resp: 5809

Ion Ratio Lower Upper

105 100

120 43.5 23.3 69.9



#81

trans-1,4-Dichloro-2-butene

Concen: 54.173 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

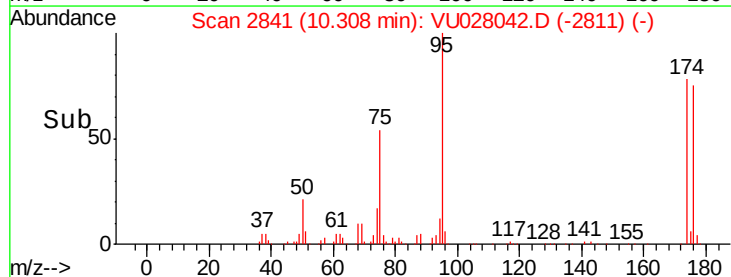
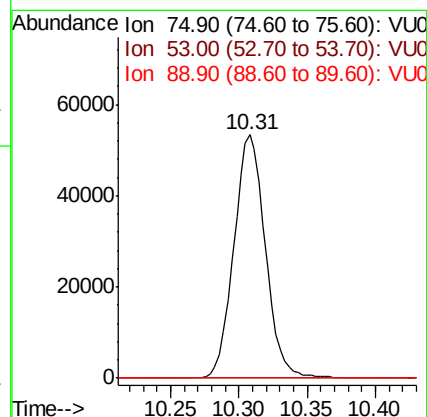
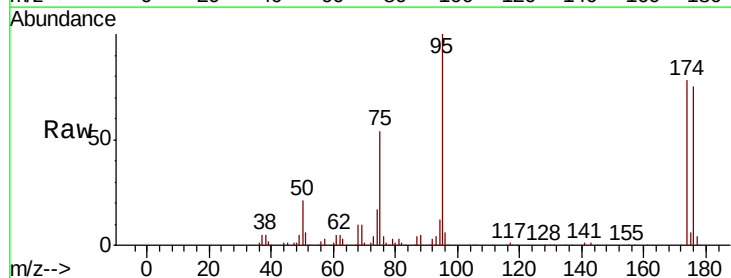
Tgt Ion: 75 Resp: 85466

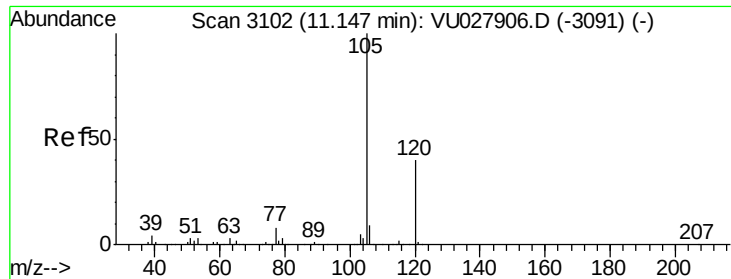
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

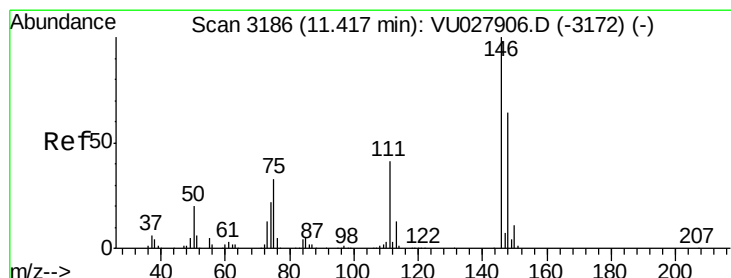
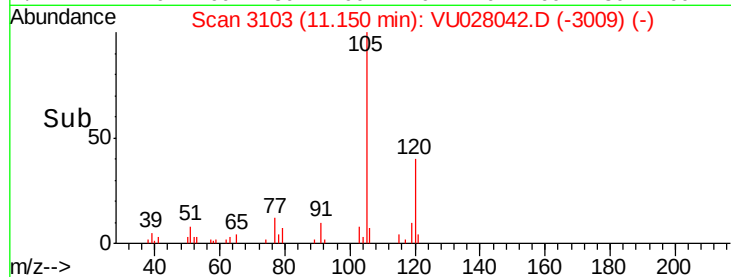
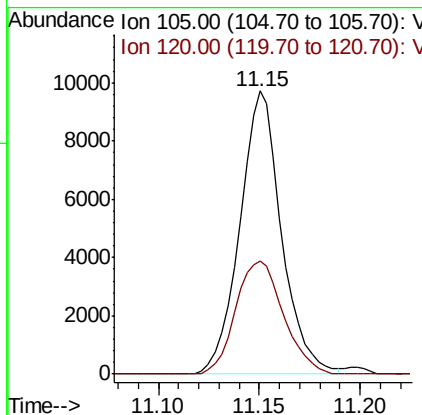
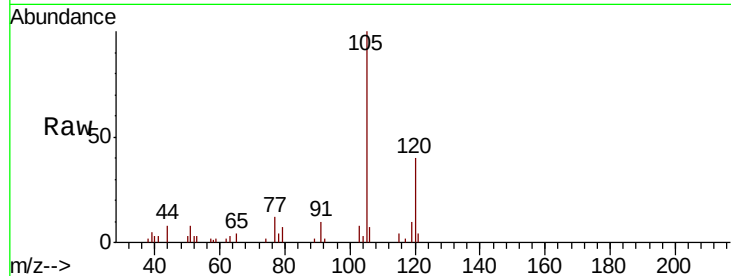




#84
 1,2,4-Trimethylbenzene
 Concen: 1.509 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

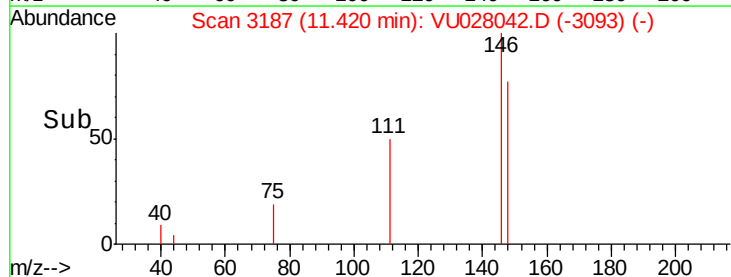
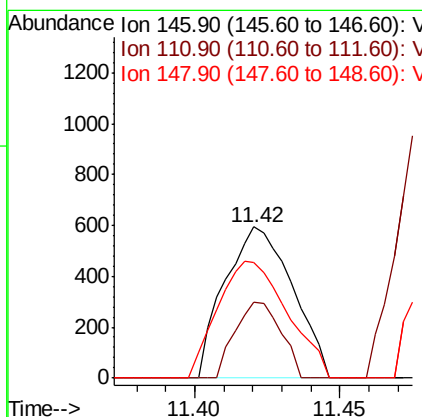
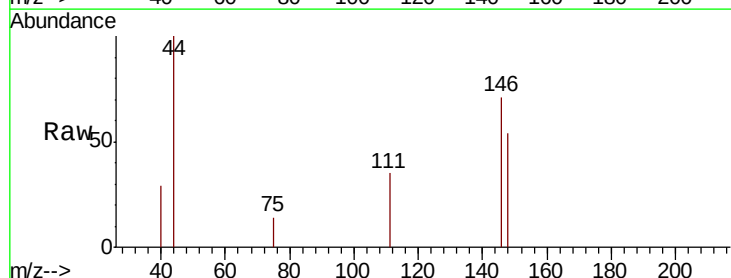
Instrument :
 MSVOA_U
 ClientSampled :
 RW-2

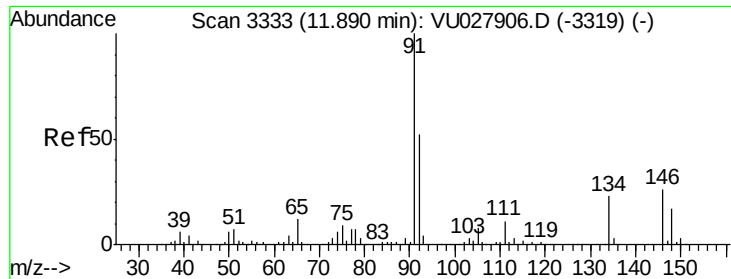
Tot Ion:105 Resp: 14041
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.1 66.1



#87
 1,3-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Tgt Ion:146 Resp: 967
 Ion Ratio Lower Upper
 146 100
 111 33.6 20.3 61.0
 148 79.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.224 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampled :

RW-2

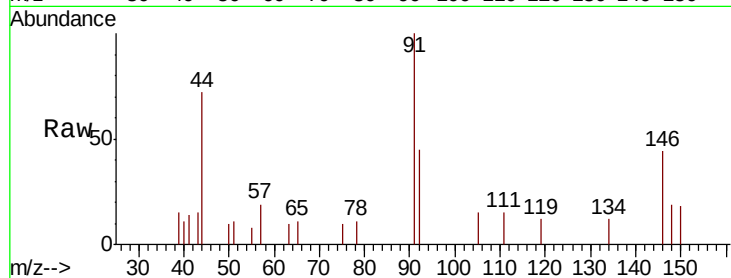
Tot Ion: 91 Resp: 1997

Ion Ratio Lower Upper

91 100

92 48.6 26.2 78.5

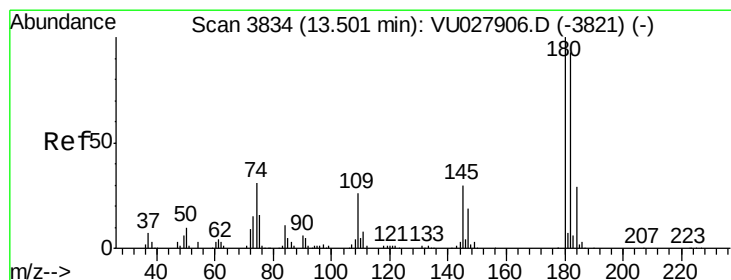
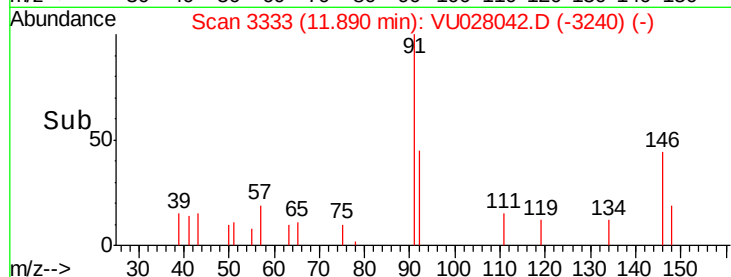
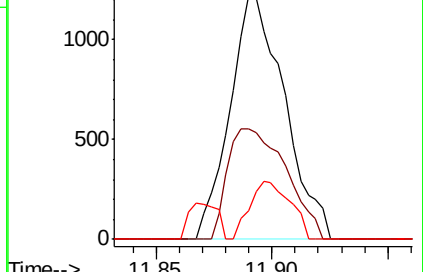
134 17.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU027906.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU027906.D (-3319) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.912 ug/l

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

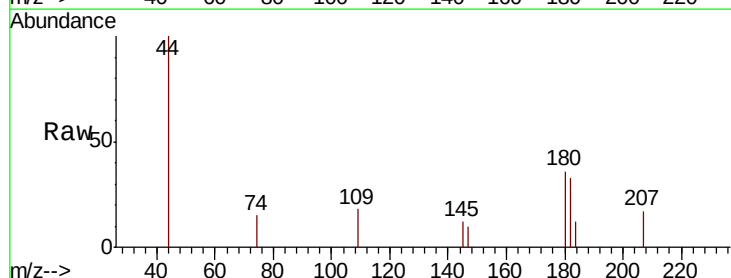
Tgt Ion: 180 Resp: 768

Ion Ratio Lower Upper

180 100

182 131.6 48.4 145.2

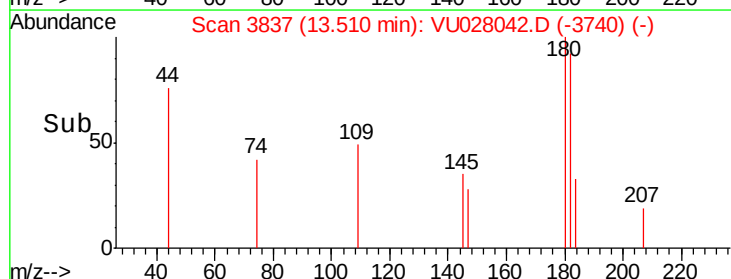
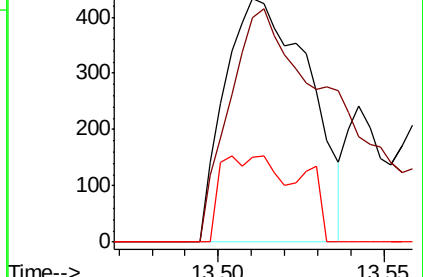
145 10.8 14.9 44.5#

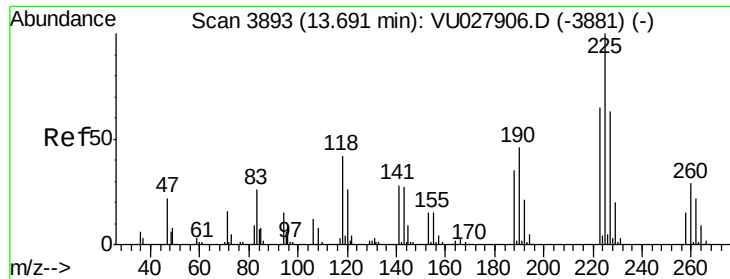


Abundance Ion 179.80 (179.50 to 180.50): VU027906.D (-3821) (-)

Ion 181.80 (181.50 to 182.50): VU027906.D (-3821) (-)

Ion 144.80 (144.50 to 145.50): VU027906.D (-3821) (-)





#94

Hexachlorobutadiene

Concen: 0.282 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampled :

RW-2

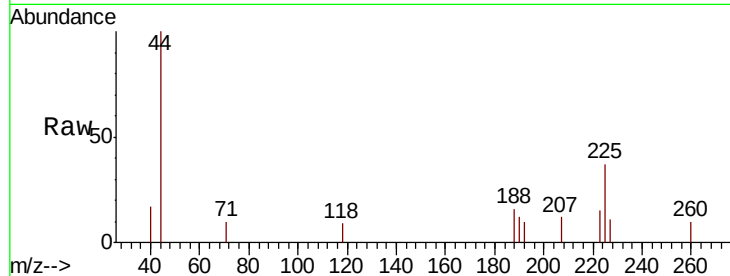
Tot Ion:225 Resp: 426

Ion Ratio Lower Upper

225 100

223 57.3 32.2 96.6

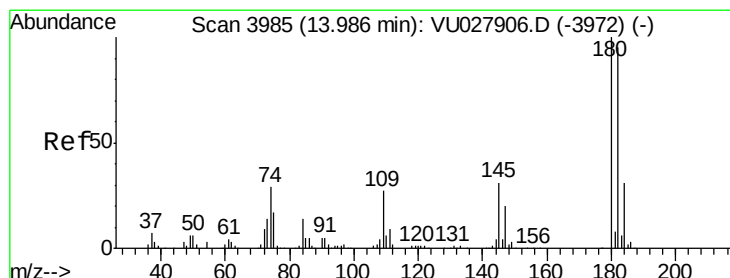
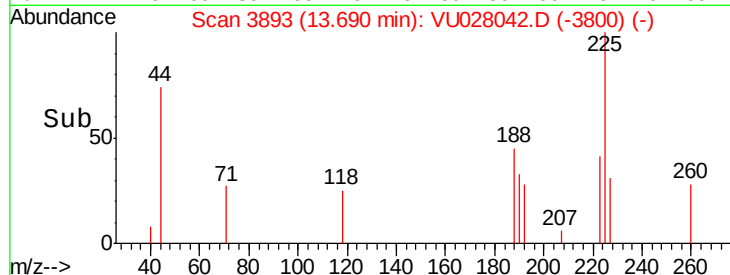
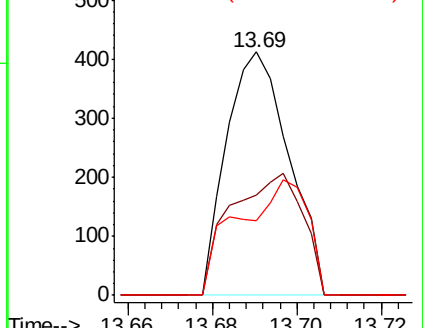
227 53.3 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.428 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

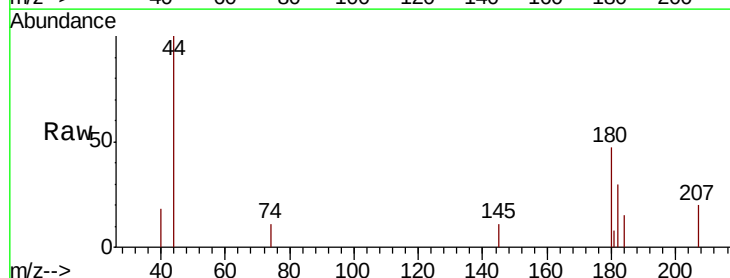
Tgt Ion:180 Resp: 1363

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.3#

145 11.2 16.0 47.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

