

Data File : VU027084.D
Acq On : 23 Sep 2018 19:56
Operator : MD/SY
Sample : J4954-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 128 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW125-20180914

Quant Time: Sep 24 07:17:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	104366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	179566	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77470	50.00	ug/l	0.00

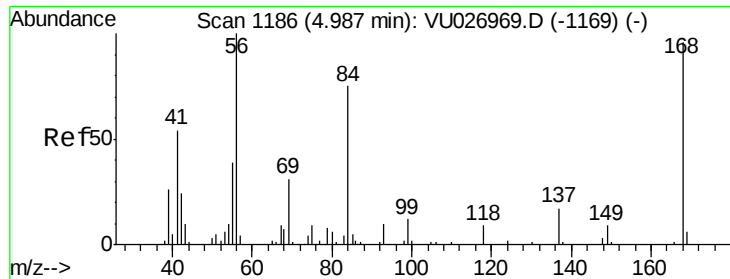
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	109414	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	4.89	113	75765	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	7.57	98	287607	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	91944	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds			Qvalue			
6) Chloroethane	1.70	64	485	0.346 ug/l #		43
13) Acrolein	2.19	56	155	0.597 ug/l		84
15) Acrylonitrile	2.94	53	303	0.250 ug/l #		72
16) Acetone	2.32	43	5031	Below Cal		96
17) Carbon Disulfide	2.48	76	2097	0.447 ug/l		99
24) 1,1-Dichloroethane	3.45	63	1378	0.400 ug/l #		84
25) 2-Butanone	4.30	43	524	0.297 ug/l #		53
31) Cyclohexane	4.99	56	2798	0.322 ug/l #		1
38) Carbon Tetrachloride	4.98	117	10884	4.772 ug/l #		18
51) 4-Methyl-2-Pentanone	7.46	43	1120	0.352 ug/l		92
59) 2-Hexanone	8.38	43	1729	0.694 ug/l		73
68) m/p-Xylenes	9.38	106	477	1.657 ug/l		83
70) Styrene	9.80	104	410	1.890 ug/l #		62
74) N-amyl acetate	10.03	43	709	0.208 ug/l #		58
76) 1,2,3-Trichloropropane	10.31	75	50497	21.456 ug/l #		35
79) 2-Chlorotoluene	10.78	91	1101	0.251 ug/l		98
81) trans-1,4-Dichloro-2-buten	10.31	75	50497	68.663 ug/l #		100
82) 4-Chlorotoluene	10.78	91	1101	0.224 ug/l		96
86) p-Isopropyltoluene	11.48	119	754	1.062 ug/l #		61
87) 1,3-Dichlorobenzene	11.42	146	734	0.274 ug/l		87
88) 1,4-Dichlorobenzene	11.42	146	734	0.251 ug/l		88
89) n-Butylbenzene	11.89	91	1334	2.630 ug/l		84
91) 1,2-Dichlorobenzene	11.88	146	656	0.230 ug/l		92
93) 1,2,4-Trichlorobenzene	13.51	180	791	0.482 ug/l		92
94) Hexachlorobutadiene	13.69	225	415	0.478 ug/l		72
95) Naphthalene	13.75	128	3628	2.236 ug/l #		84
96) 1,2,3-Trichlorobenzene	14.00	180	930	0.529 ug/l		82

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

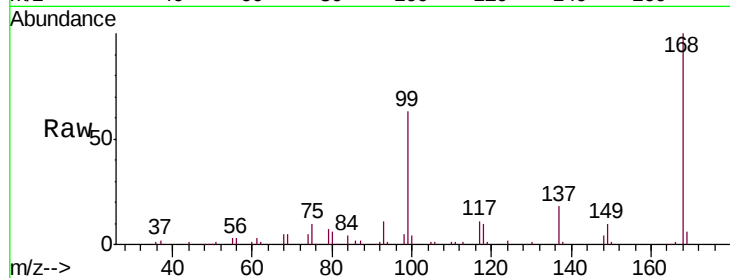
SA-SW125-20180914

Tgt Ion:168 Resp: 104366

Ion Ratio Lower Upper

168 100

99 63.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

50000

40000

30000

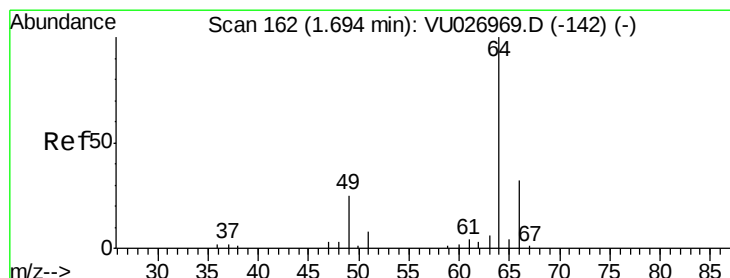
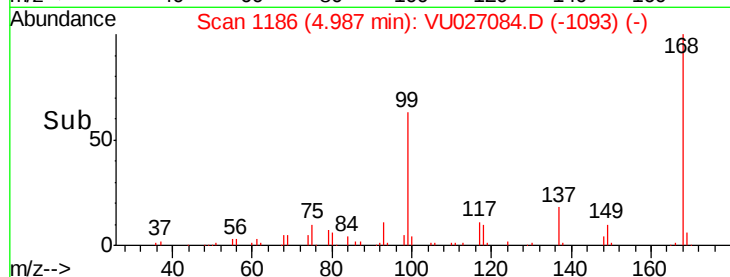
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#6

Chloroethane

Concen: 0.346 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027084.D

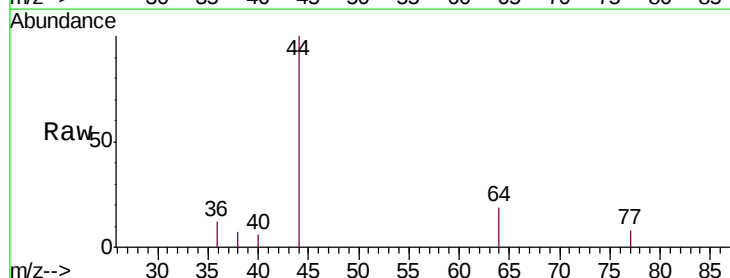
Acq: 23 Sep 2018 19:56

Tgt Ion: 64 Resp: 485

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

400

300

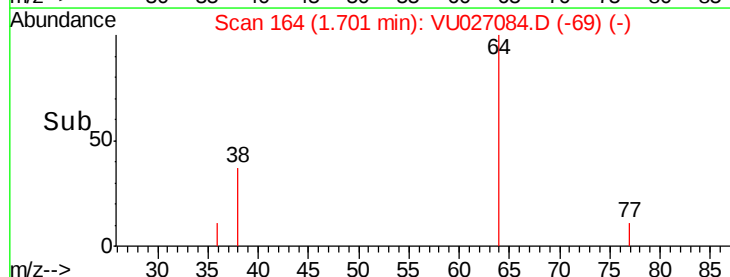
200

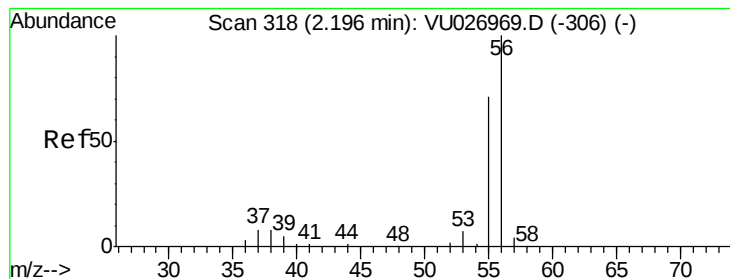
100

0

Time-->

1.66 1.68 1.70 1.72





#13

Acrolein

Concen: 0.597 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

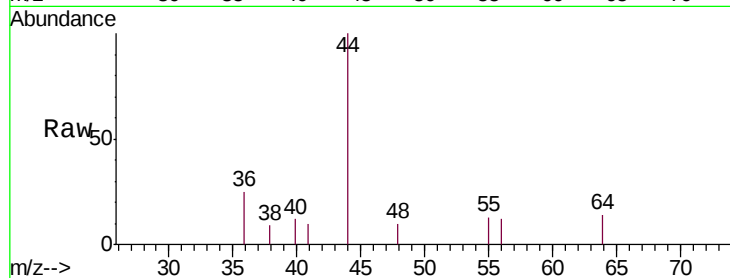
SA-SW125-20180914

Tgt Ion: 56 Resp: 155

Ion Ratio Lower Upper

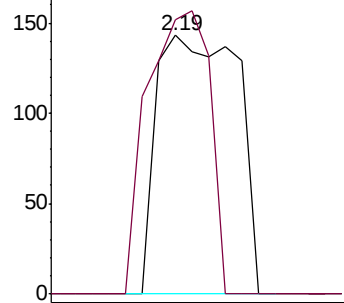
56 100

55 84.5 57.1 85.7

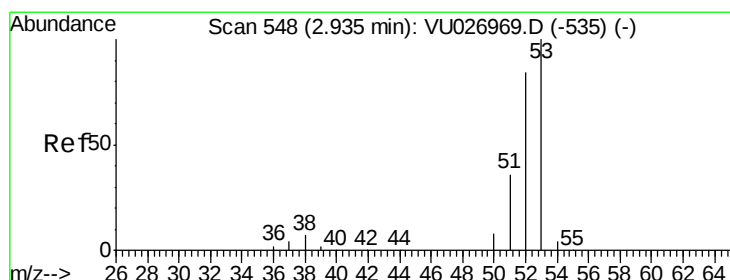
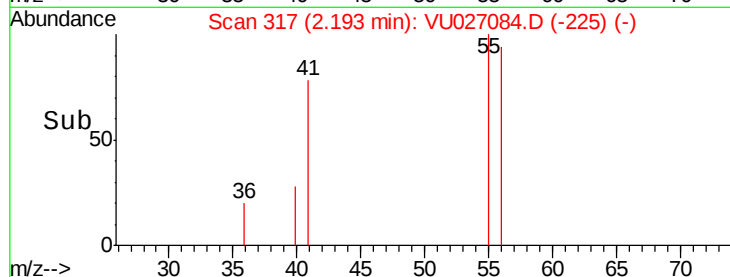


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



Time-->



#15

Acrylonitrile

Concen: 0.250 ug/l

RT: 2.94 min Scan# 550

Delta R.T. 0.01 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

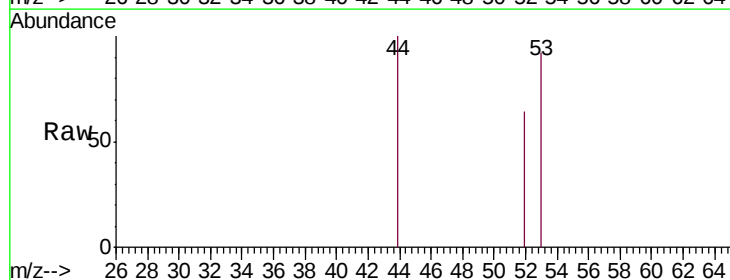
Tgt Ion: 53 Resp: 303

Ion Ratio Lower Upper

53 100

52 95.4 65.7 98.5

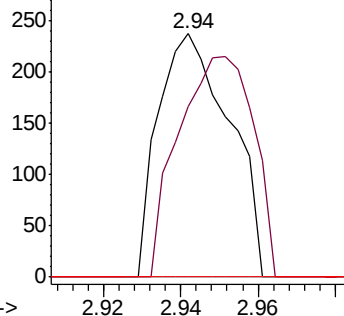
51 0.0 27.4 41.2#



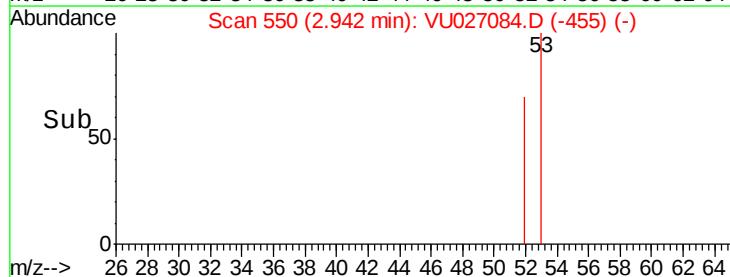
Abundance Ion 53.00 (52.70 to 53.70): VU0

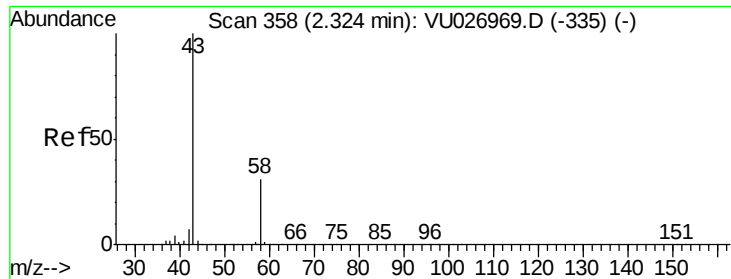
Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



Time-->





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

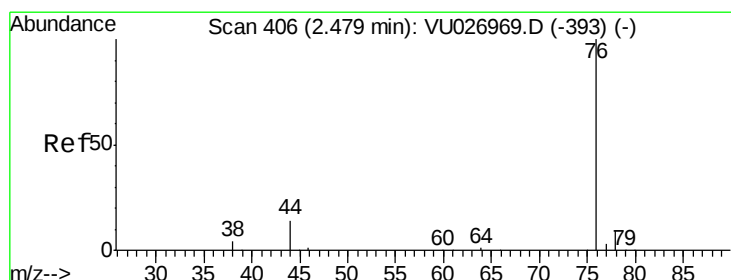
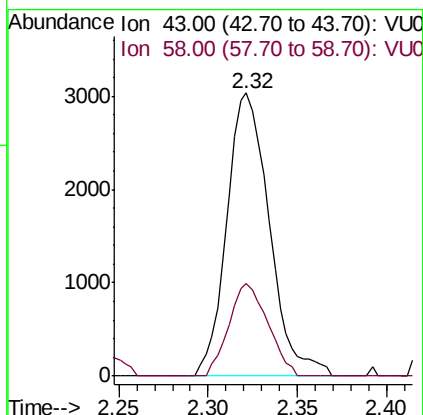
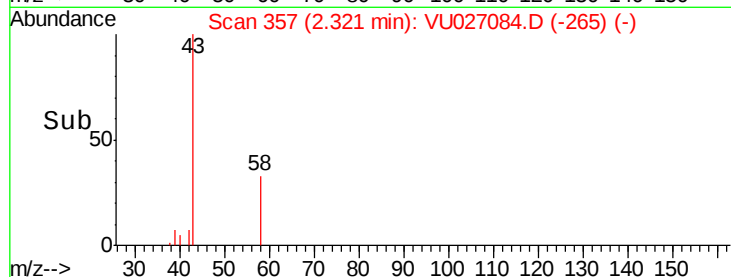
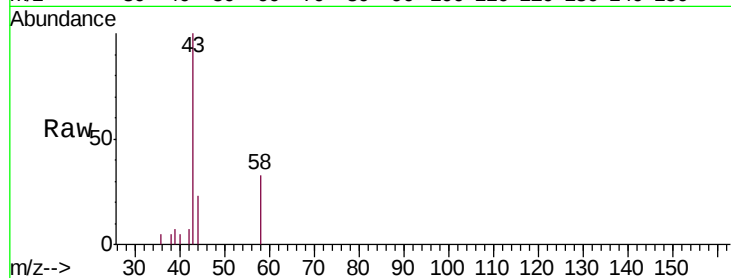
SA-SW125-20180914

Tgt Ion: 43 Resp: 5031

Ion Ratio Lower Upper

43 100

58 32.9 24.6 36.8



#17

Carbon Disulfide

Concen: 0.447 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027084.D

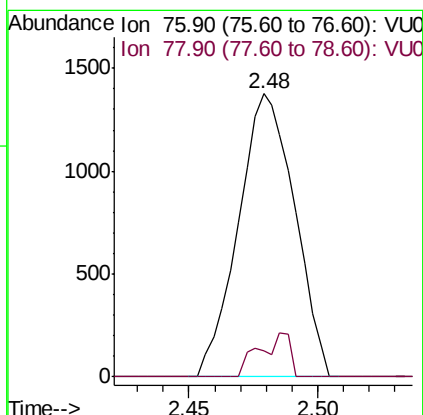
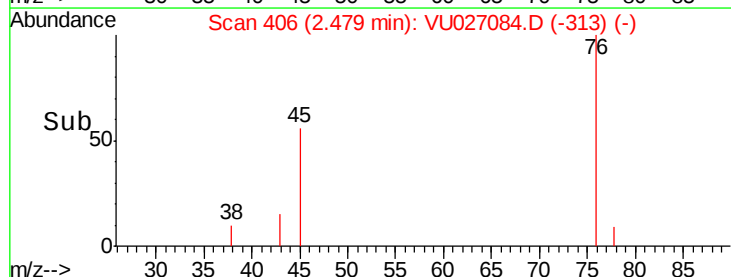
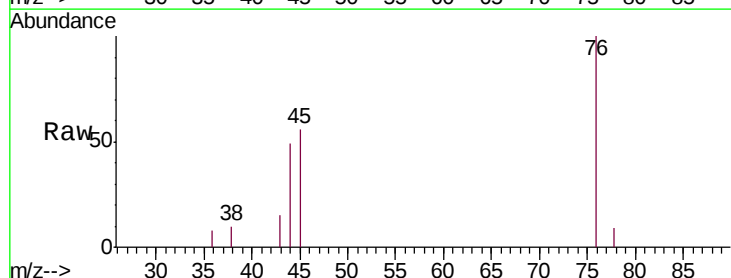
Acq: 23 Sep 2018 19:56

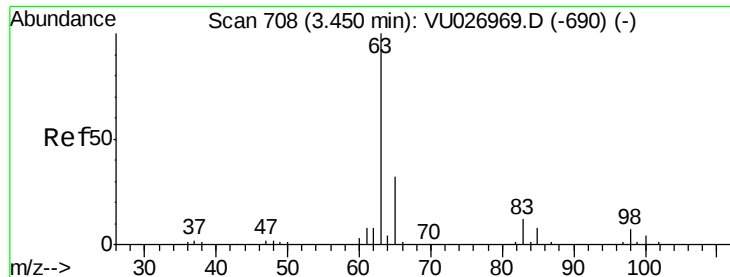
Tgt Ion: 76 Resp: 2097

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#24

1,1-Dichloroethane

Concen: 0.400 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

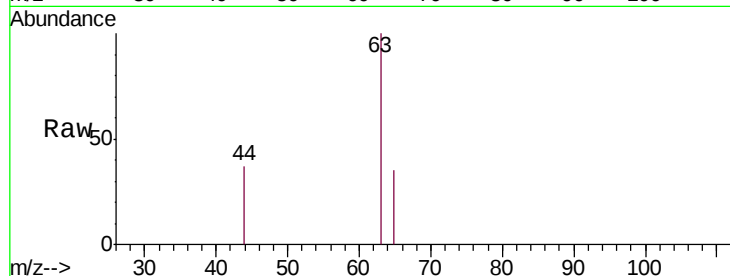
Tgt Ion: 63 Resp: 1378

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

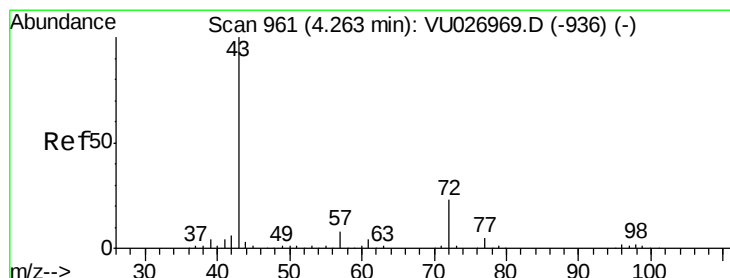
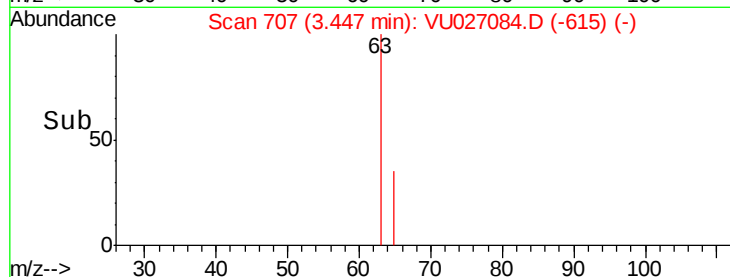
600

400

200

0

Time-->



#25

2-Butanone

Concen: 0.297 ug/l

RT: 4.30 min Scan# 971

Delta R.T. 0.03 min

Lab File: VU027084.D

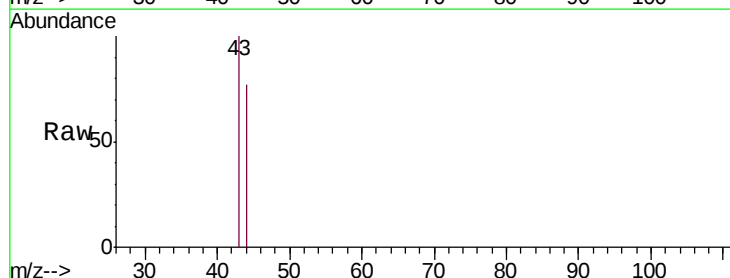
Acq: 23 Sep 2018 19:56

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.30

300

250

200

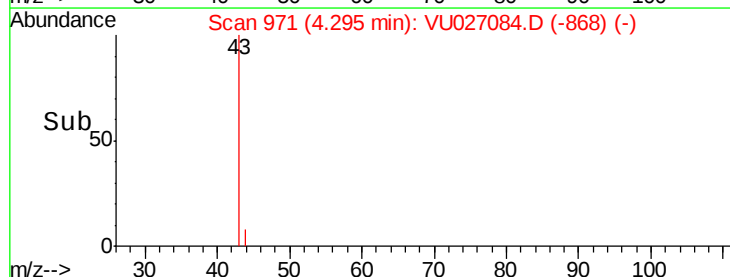
150

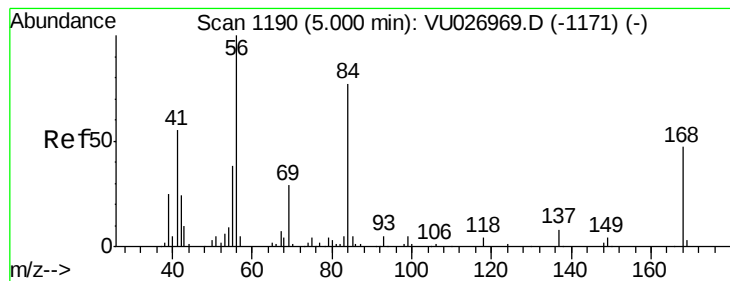
100

50

0

Time-->





#31

Cyclohexane

Concen: 0.322 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

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ClientSampleId :

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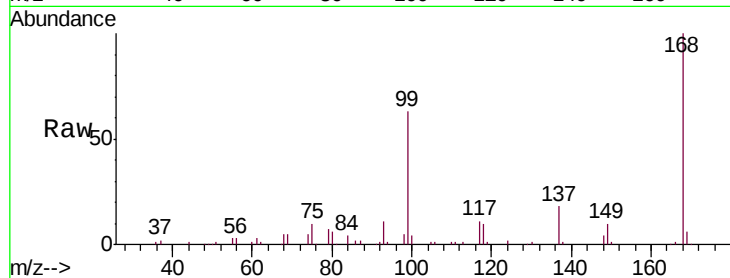
Tgt Ion: 56 Resp: 2798

Ion Ratio Lower Upper

56 100

69 176.2 23.0 34.4#

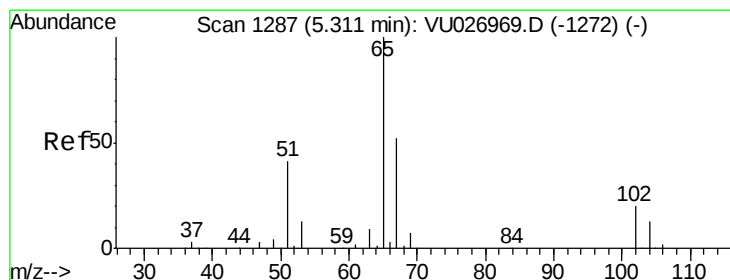
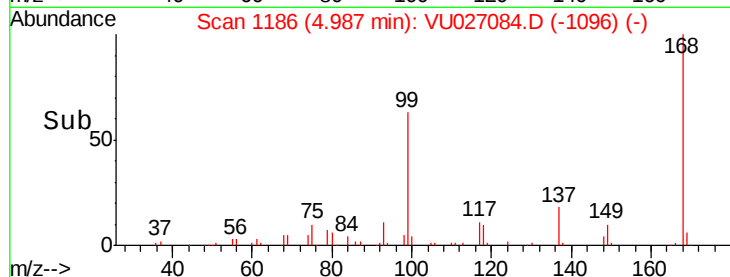
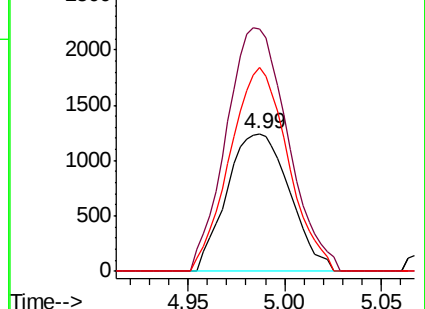
84 147.9 61.4 92.2#



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: 52.089 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027084.D

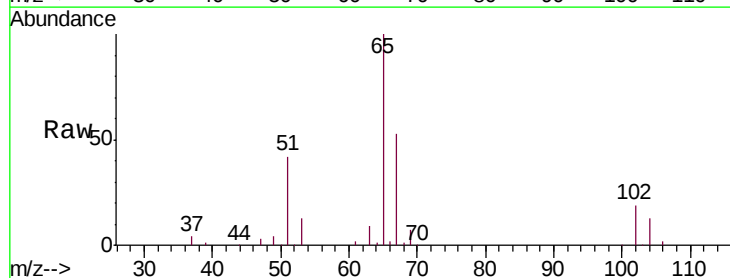
Acq: 23 Sep 2018 19:56

Tgt Ion: 65 Resp: 109414

Ion Ratio Lower Upper

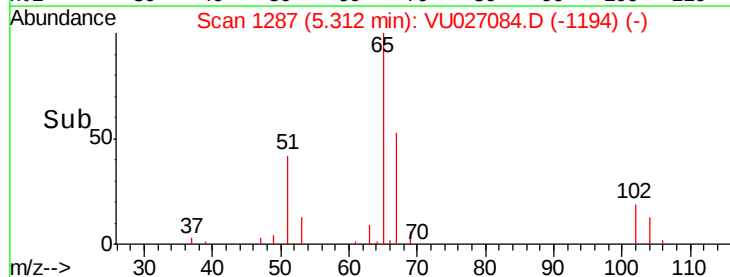
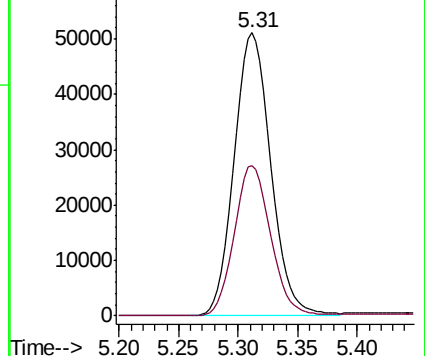
65 100

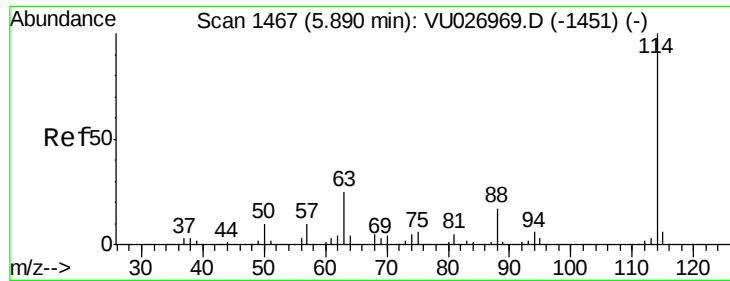
67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

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SA-SW125-20180914

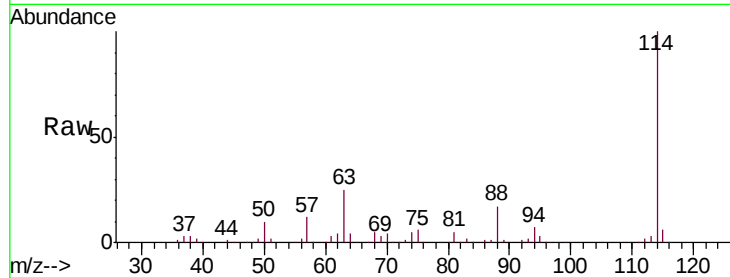
Tgt Ion:114 Resp: 179566

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

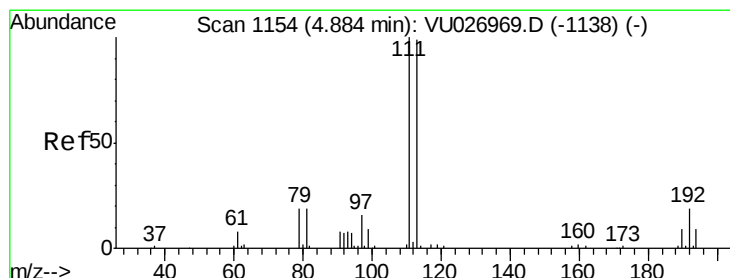
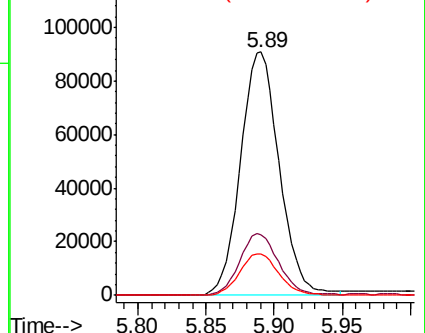
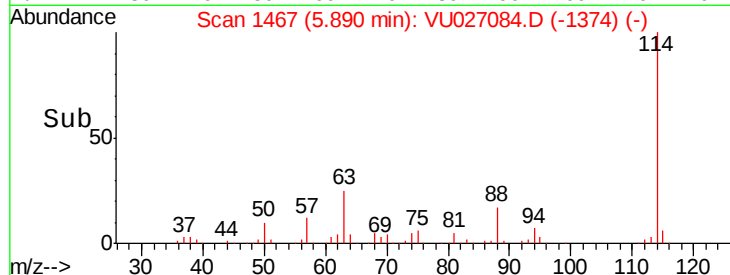
88 17.0 0.0 33.8



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: 48.677 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

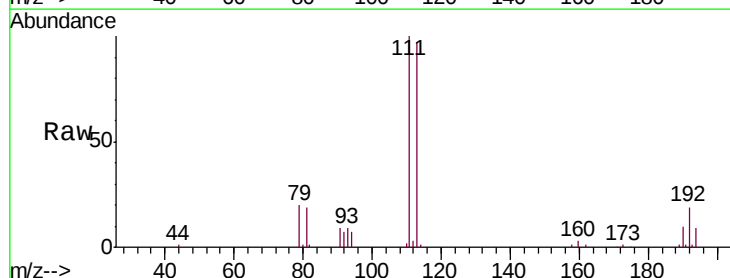
Tgt Ion:113 Resp: 75765

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

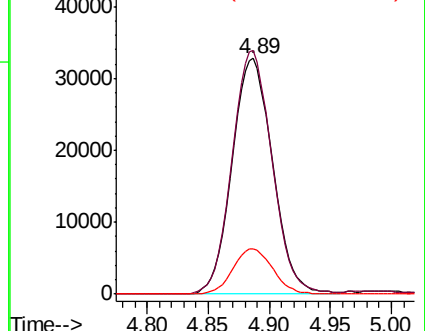
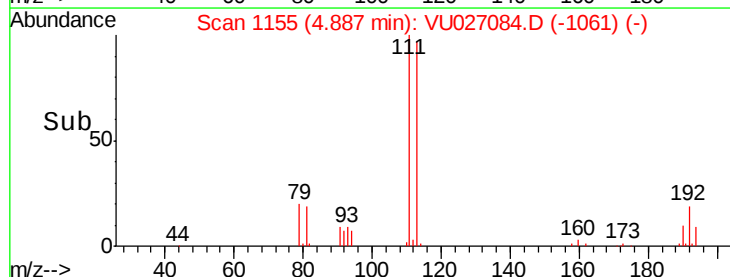
192 18.9 15.2 22.8

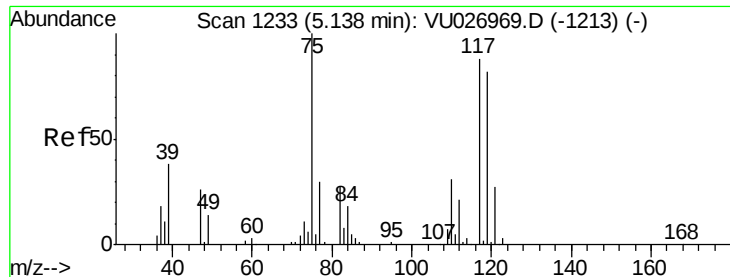


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 4.772 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

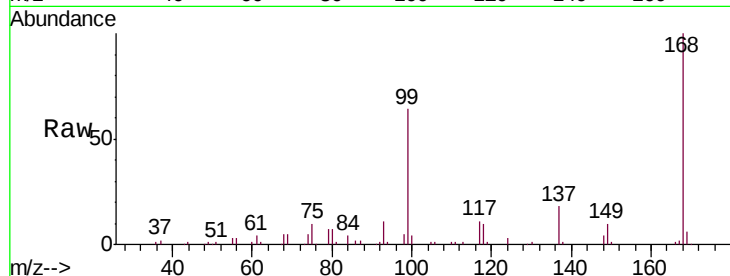
Tgt Ion:117 Resp: 10884

Ion Ratio Lower Upper

117 100

119 6.2 74.4 111.6#

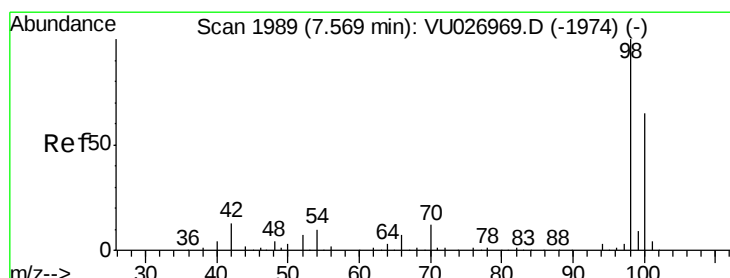
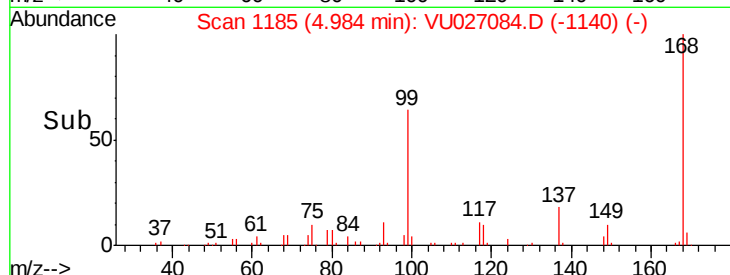
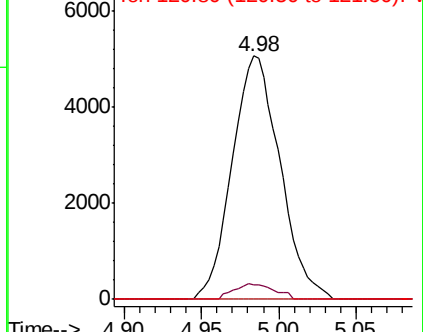
121 0.0 24.2 36.4#



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



#50

Toluene-d8

Concen: 48.486 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027084.D

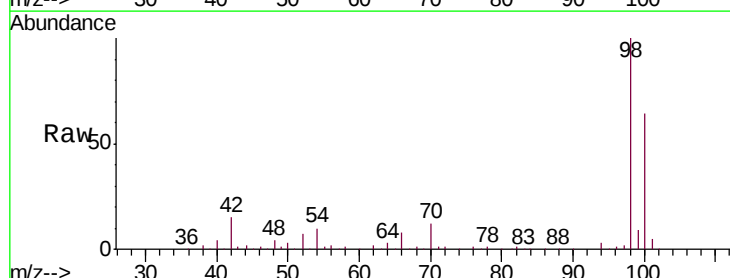
Acq: 23 Sep 2018 19:56

Tgt Ion: 98 Resp: 287607

Ion Ratio Lower Upper

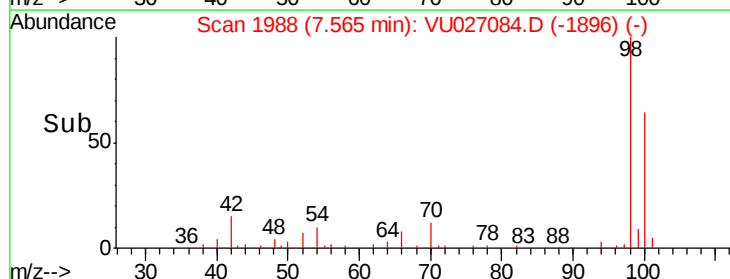
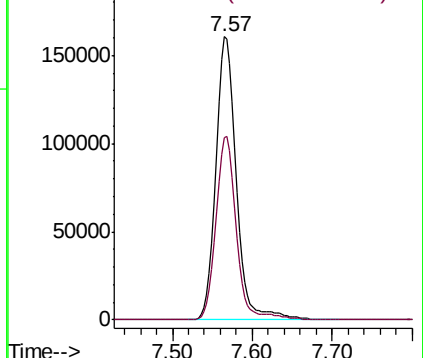
98 100

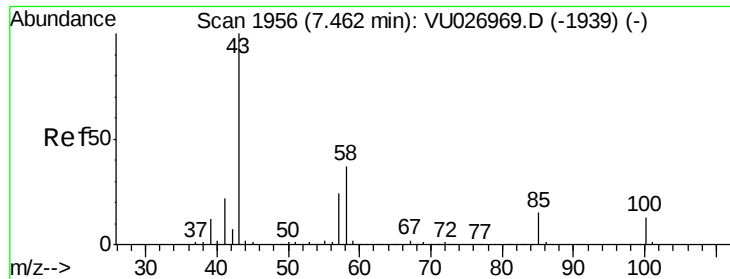
100 64.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.352 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

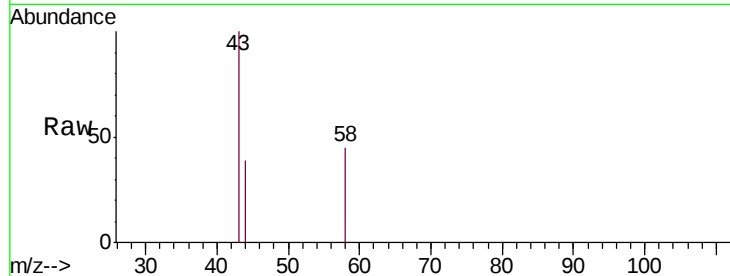
SA-SW125-20180914

Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

58 32.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

600

500

400

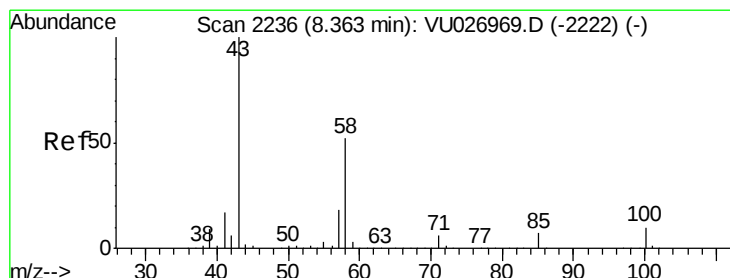
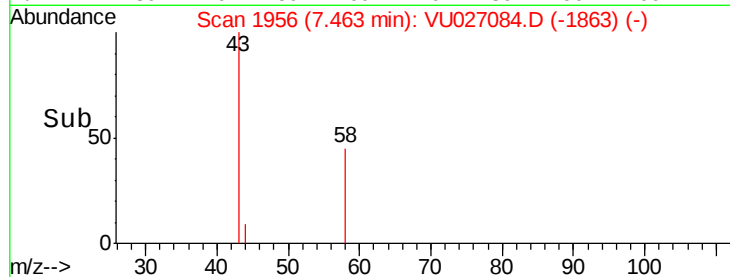
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 0.694 ug/l

RT: 8.38 min Scan# 2242

Delta R.T. 0.02 min

Lab File: VU027084.D

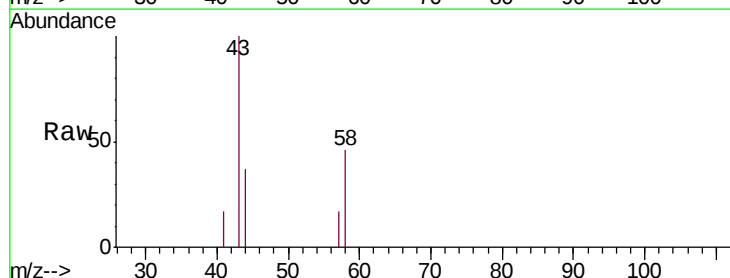
Acq: 23 Sep 2018 19:56

Tgt Ion: 43 Resp: 1729

Ion Ratio Lower Upper

43 100

58 33.0 26.1 78.2



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-2222) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-2222) (-)

800

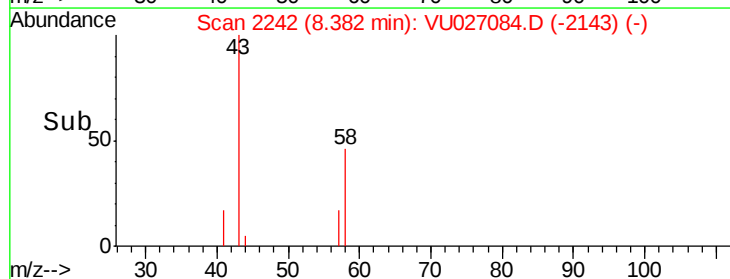
600

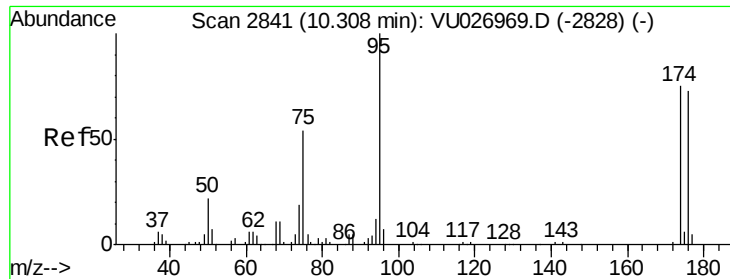
400

200

0

Time-->

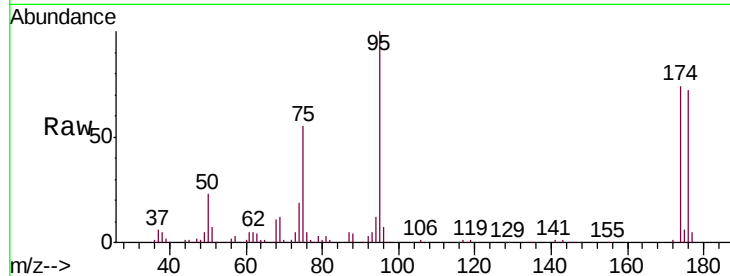




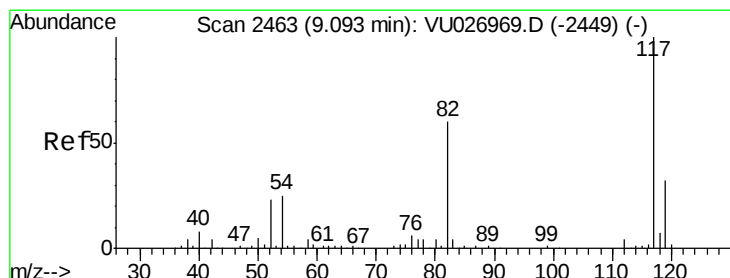
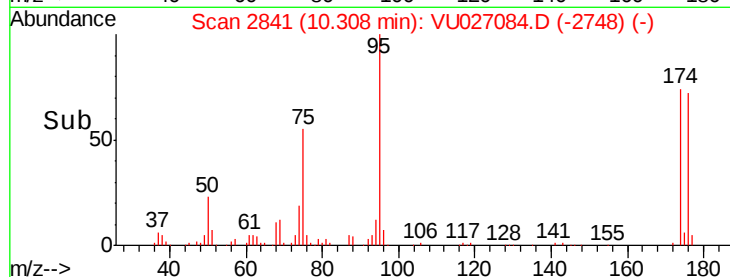
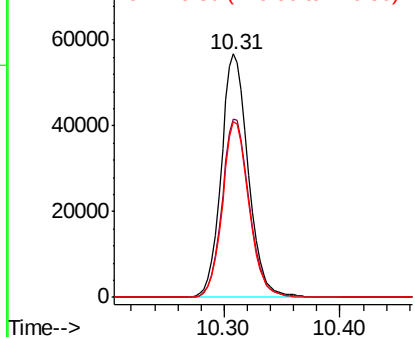
#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027084.D
Acq: 23 Sep 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
SA-SW125-20180914

Tgt Ion: 95 Resp: 91944
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.2
176 70.9 0.0 145.2

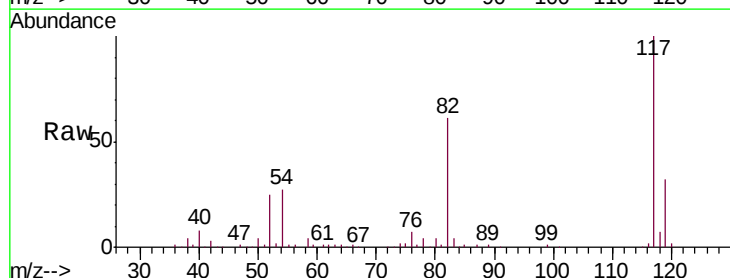


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

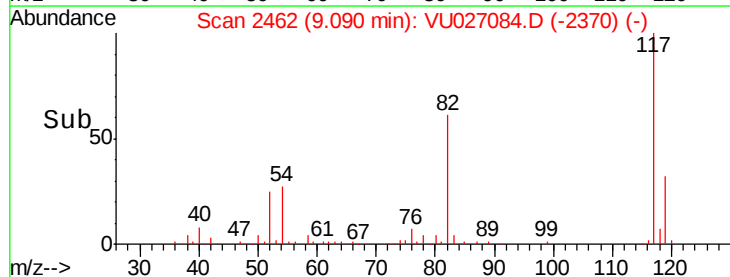
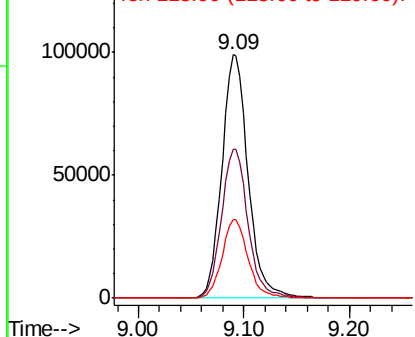


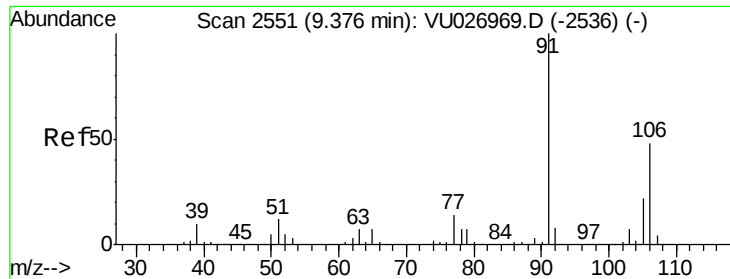
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027084.D
Acq: 23 Sep 2018 19:56

Tgt Ion: 117 Resp: 170676
Ion Ratio Lower Upper
117 100
82 61.1 48.0 72.0
119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

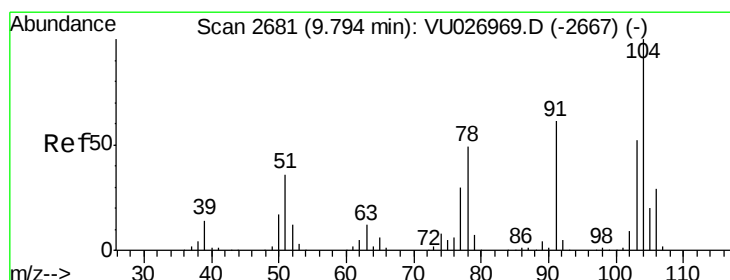
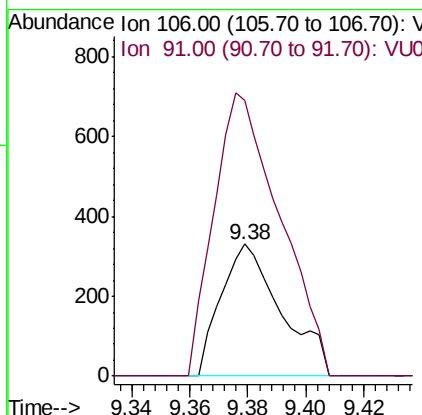
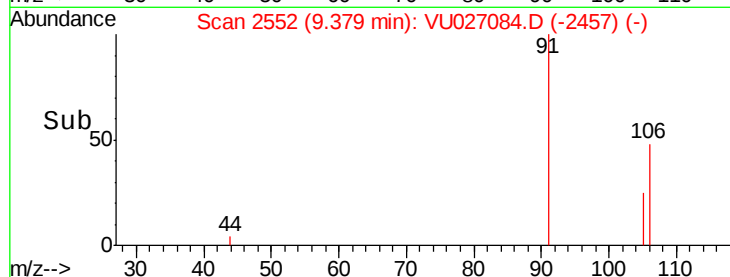
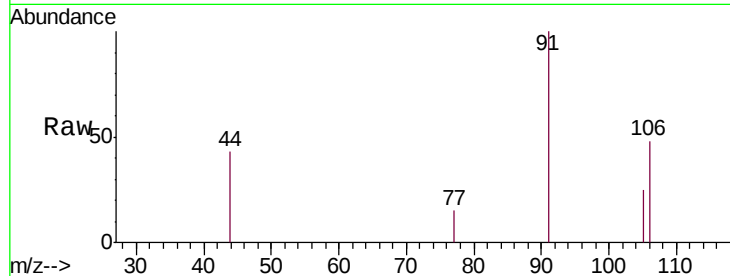




#68
m/p-Xylenes
Concen: 1.657 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027084.D
Acq: 23 Sep 2018 19:56

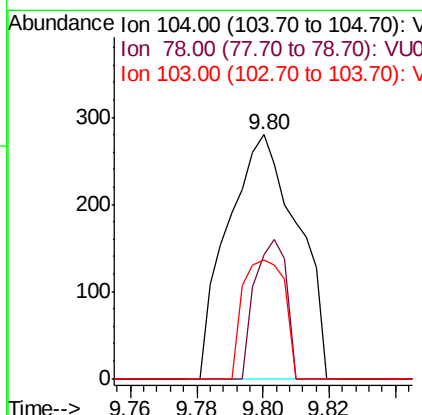
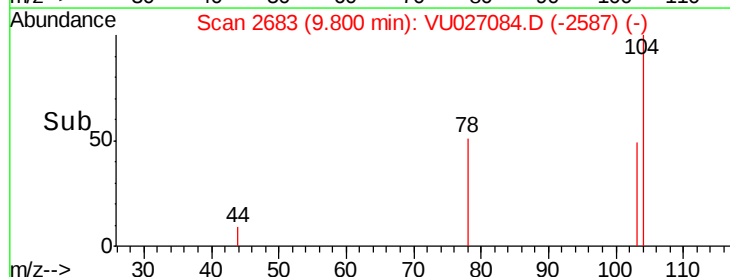
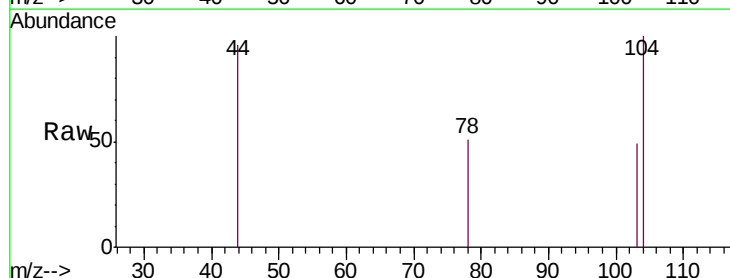
Instrument :
MSVOA_U
ClientSampleId :
SA-SW125-20180914

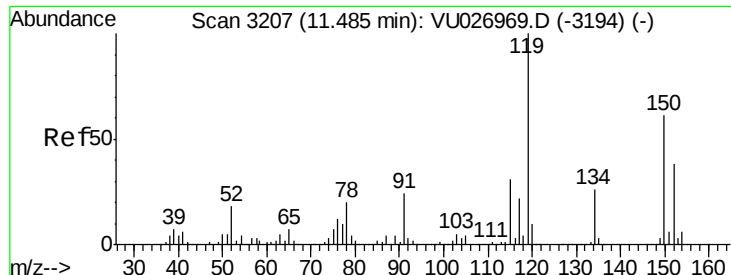
Tgt Ion:106 Resp: 477
Ion Ratio Lower Upper
106 100
91 234.4 166.5 249.7



#70
Styrene
Concen: 1.890 ug/l
RT: 9.80 min Scan# 2683
Delta R.T. 0.01 min
Lab File: VU027084.D
Acq: 23 Sep 2018 19:56

Tgt Ion:104 Resp: 410
Ion Ratio Lower Upper
104 100
78 25.6 43.0 64.4#
103 29.0 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

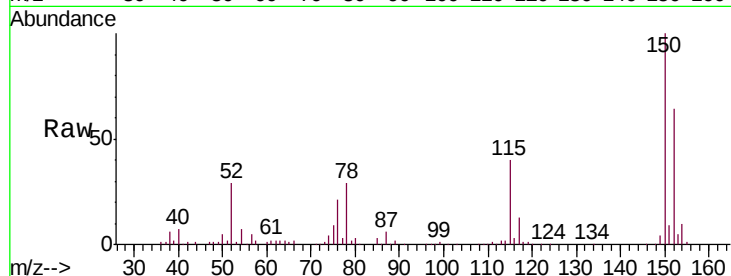
Tgt Ion: 152 Resp: 77470

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

150 157.4 0.0 355.8

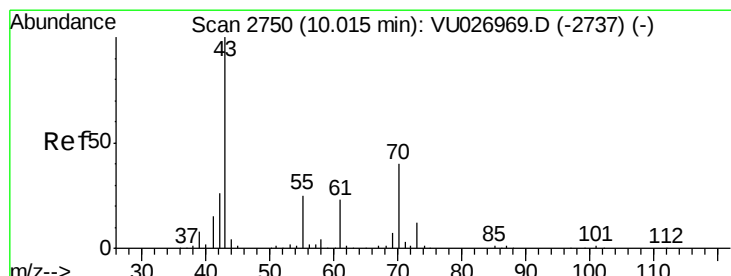
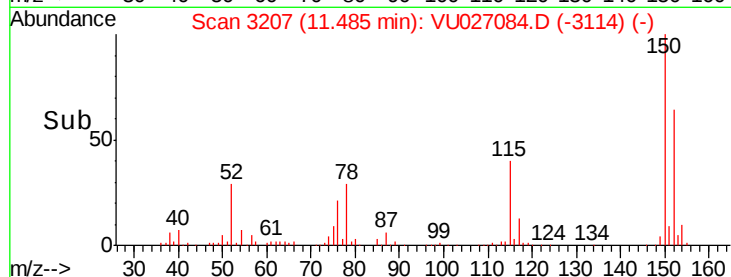
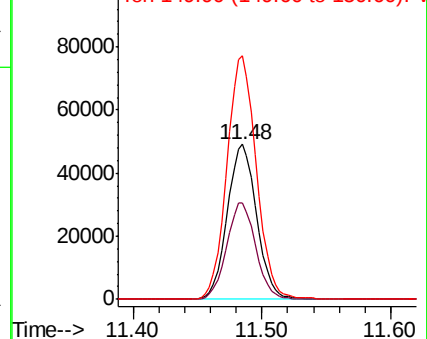


Abundance

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



#74

N-ethyl acetate

Concen: 0.208 ug/l

RT: 10.03 min Scan# 2753

Delta R.T. 0.01 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Tgt Ion: 43 Resp: 709

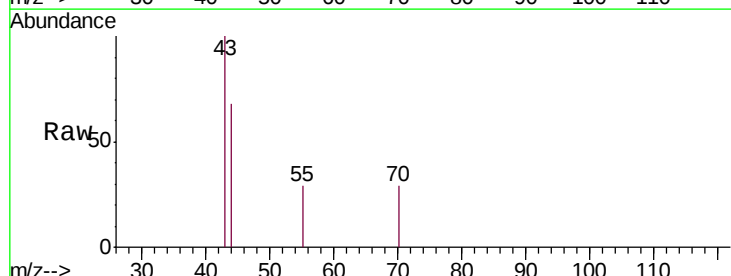
Ion Ratio Lower Upper

43 100

70 14.4 31.8 47.8#

55 5.9 19.9 29.9#

61 0.0 18.4 27.6#



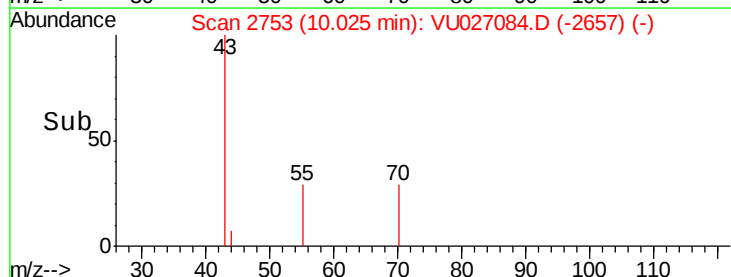
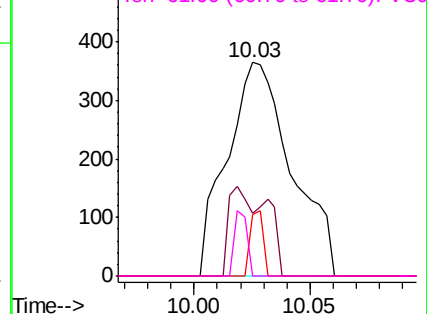
Abundance

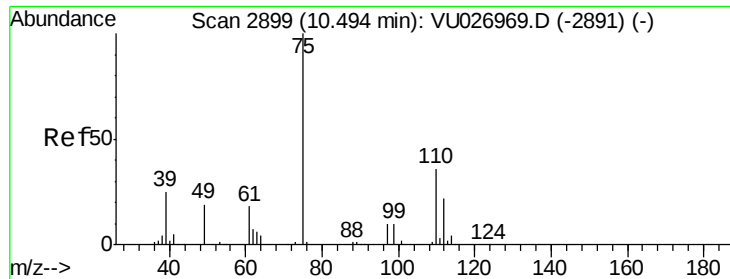
Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 21.456 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

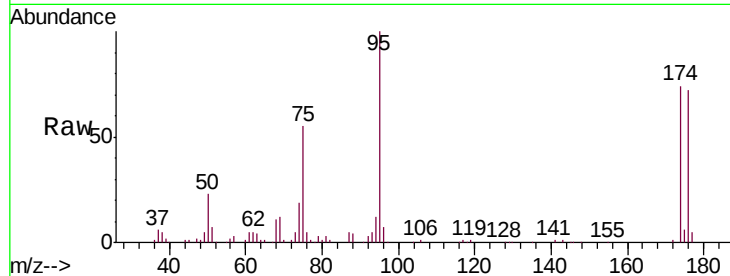
SA-SW125-20180914

Tgt Ion: 75 Resp: 50497

Ion Ratio Lower Upper

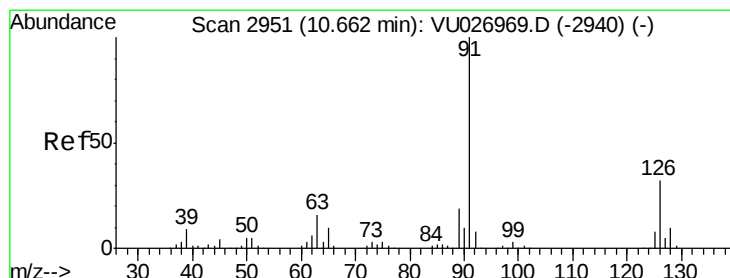
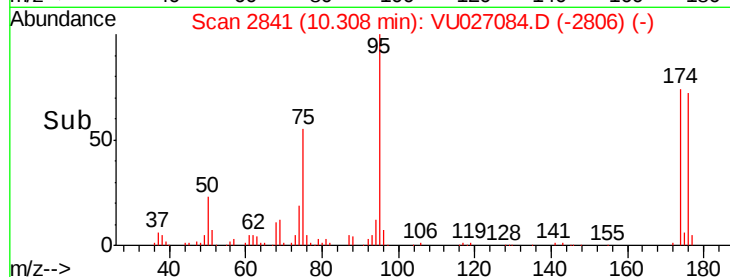
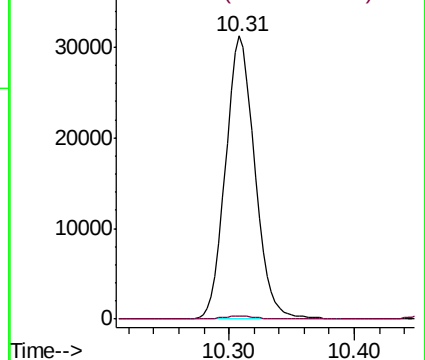
75 100

77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#79

2-Chlorotoluene

Concen: 0.251 ug/l

RT: 10.78 min Scan# 2987

Delta R.T. 0.12 min

Lab File: VU027084.D

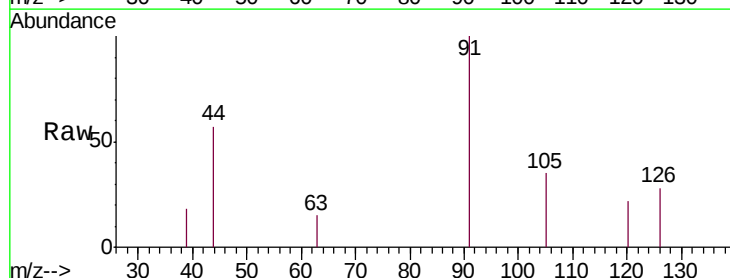
Acq: 23 Sep 2018 19:56

Tgt Ion: 91 Resp: 1101

Ion Ratio Lower Upper

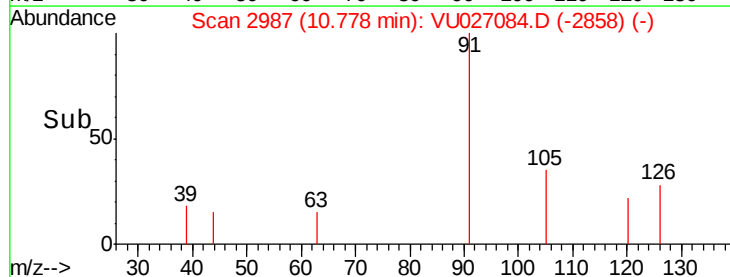
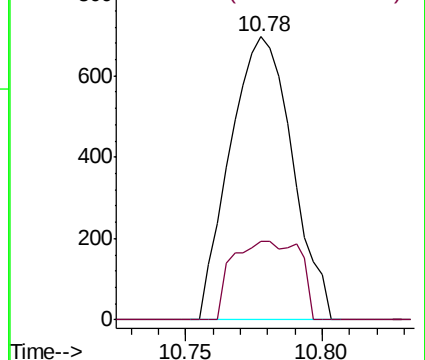
91 100

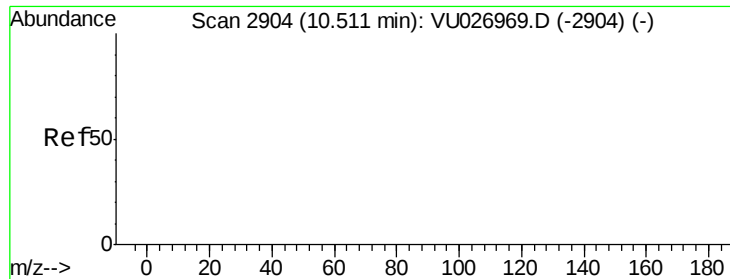
126 30.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 68.663 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

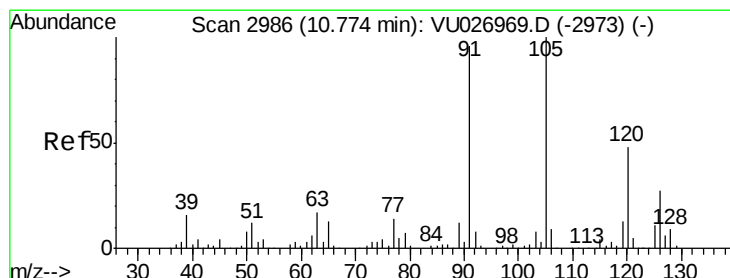
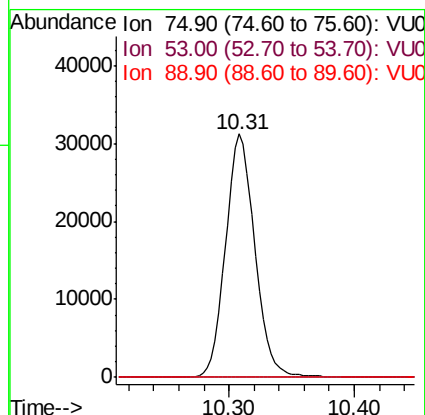
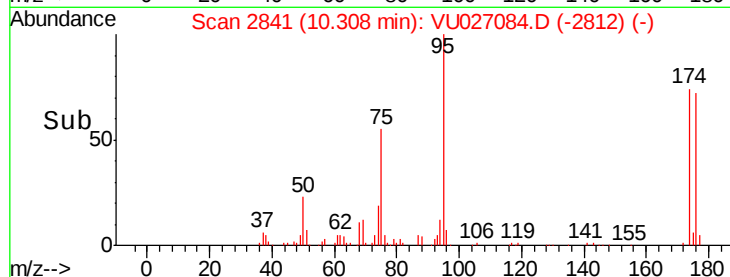
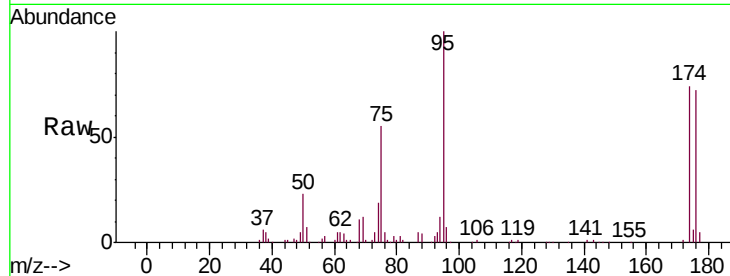
Tgt Ion: 75 Resp: 50497

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 0.224 ug/l

RT: 10.78 min Scan# 2987

Delta R.T. 0.00 min

Lab File: VU027084.D

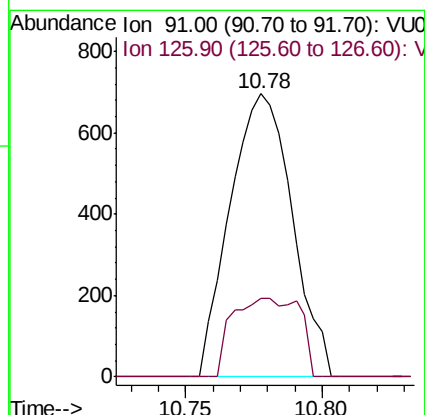
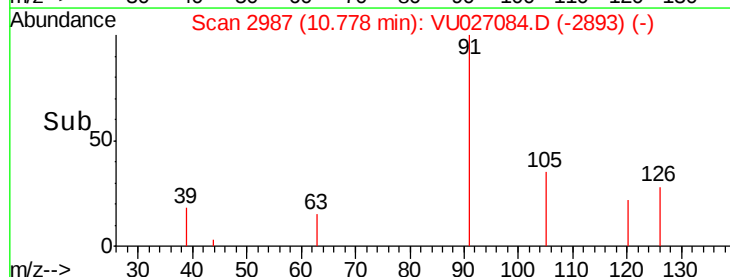
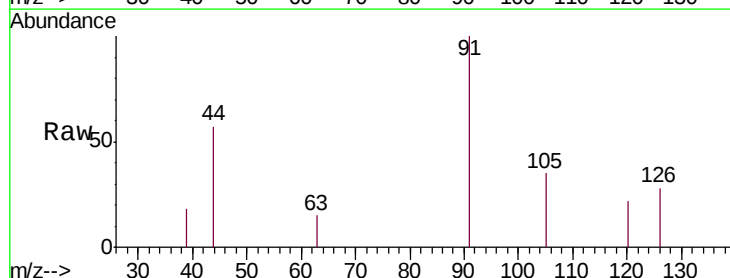
Acq: 23 Sep 2018 19:56

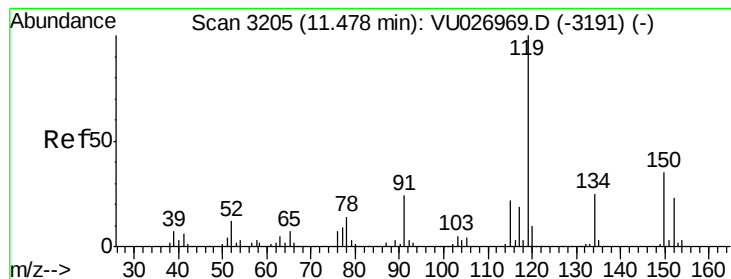
Tgt Ion: 91 Resp: 1101

Ion Ratio Lower Upper

91 100

126 30.2 14.1 42.2





#86

p-Isopropyltoluene

Concen: 1.062 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

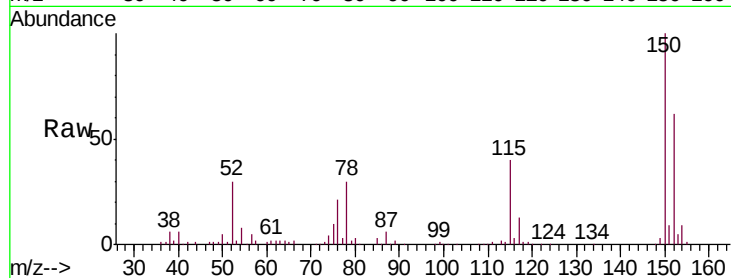
Tgt Ion:119 Resp: 754

Ion Ratio Lower Upper

119 100

134 9.5 12.8 38.3#

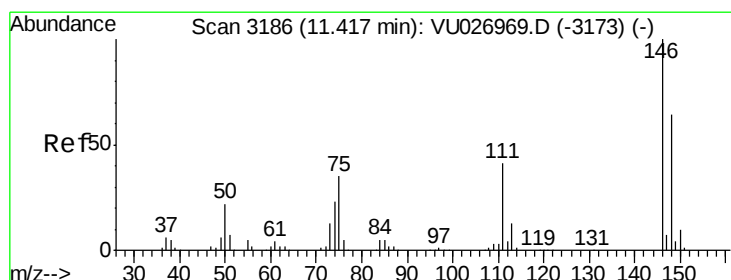
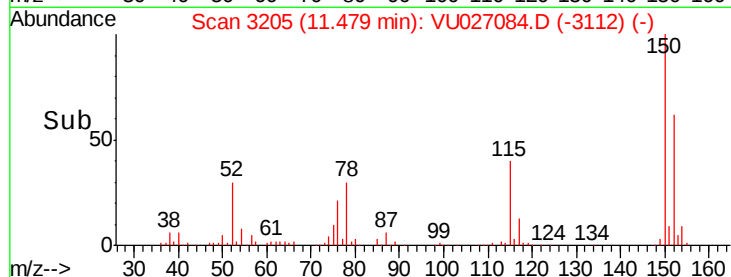
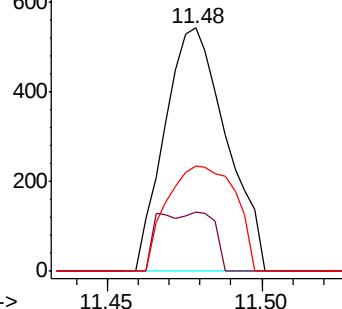
91 47.9 12.3 36.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#87

1,3-Dichlorobenzene

Concen: 0.274 ug/l

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

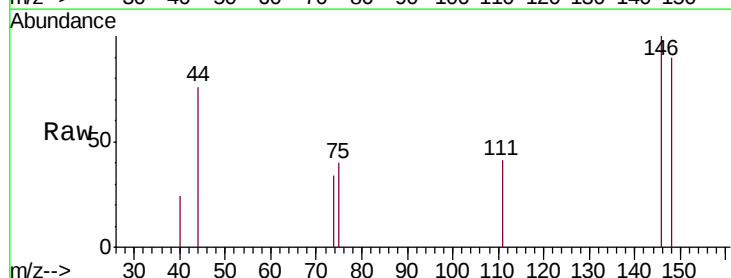
Tgt Ion:146 Resp: 734

Ion Ratio Lower Upper

146 100

111 36.2 20.8 62.2

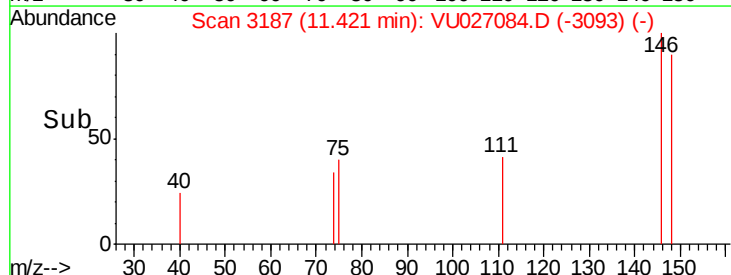
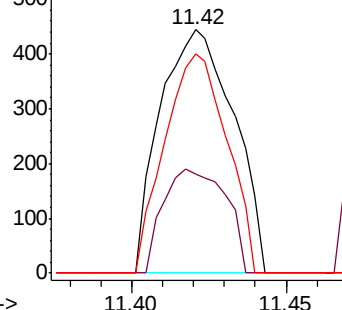
148 76.2 32.0 96.2

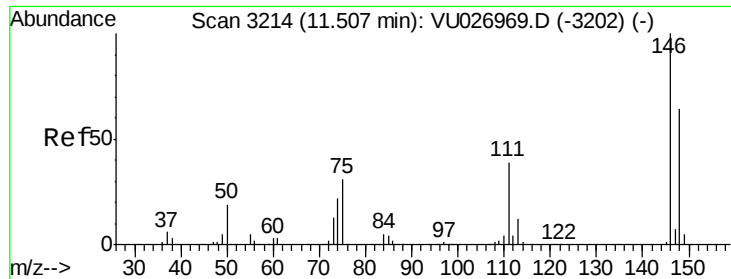


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

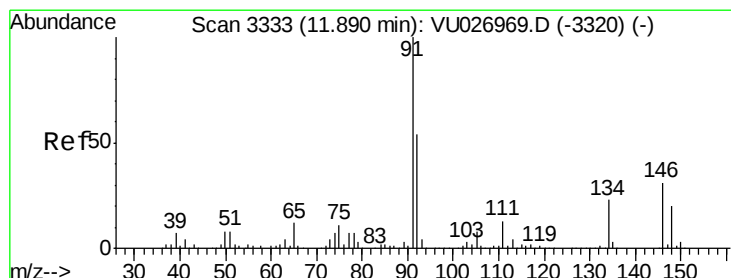
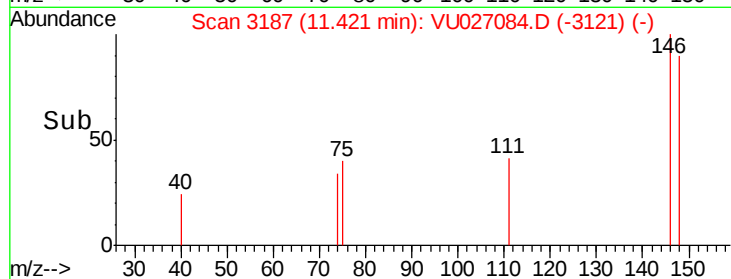
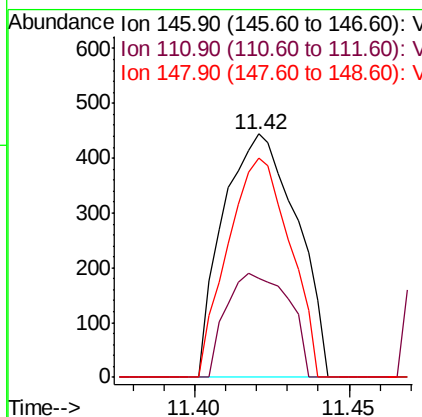
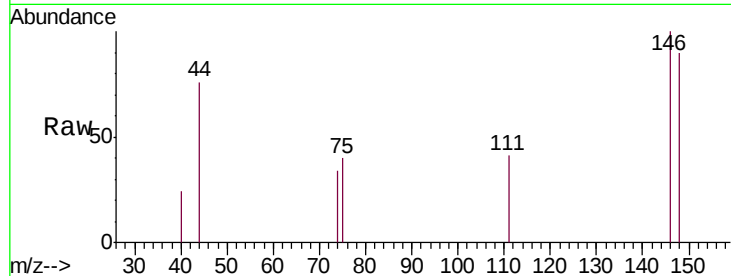




#88
 1,4-Dichlorobenzene
 Concen: 0.251 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. -0.09 min
 Lab File: VU027084.D
 Acq: 23 Sep 2018 19:56

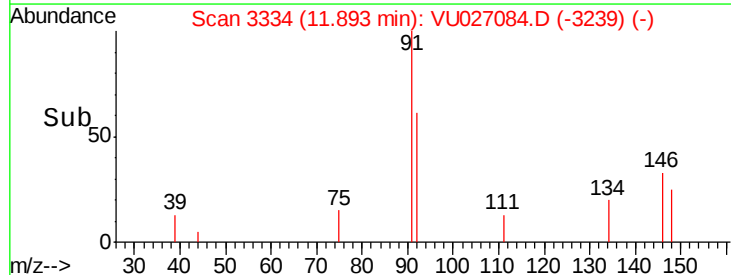
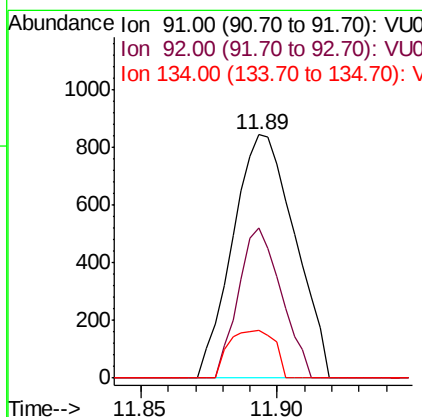
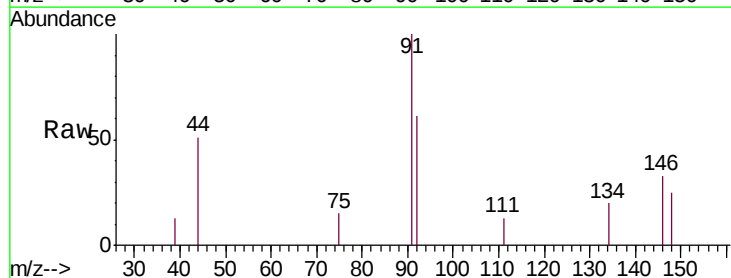
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW125-20180914

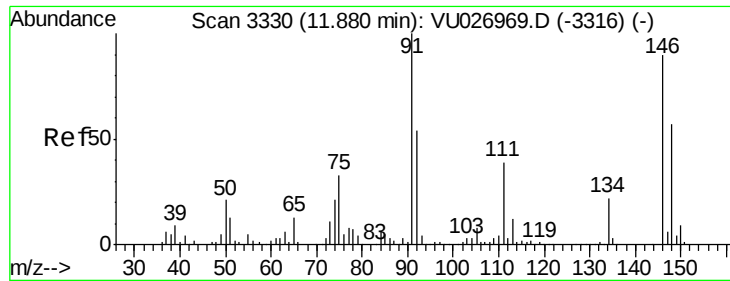
Tgt Ion: 146 Resp: 734
 Ion Ratio Lower Upper
 146 100
 111 36.2 20.3 60.9
 148 76.2 31.9 95.9



#89
 n-Butylbenzene
 Concen: 2.630 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU027084.D
 Acq: 23 Sep 2018 19:56

Tgt Ion: 91 Resp: 1334
 Ion Ratio Lower Upper
 91 100
 92 42.7 27.1 81.2
 134 14.5 11.7 35.0

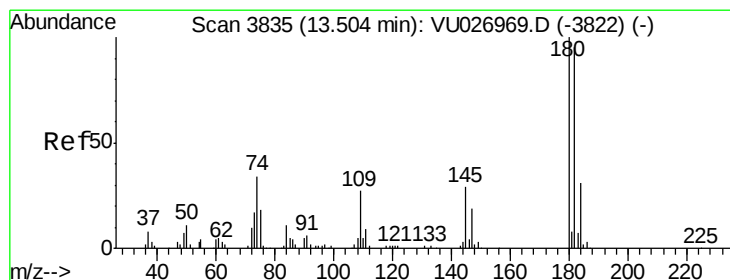
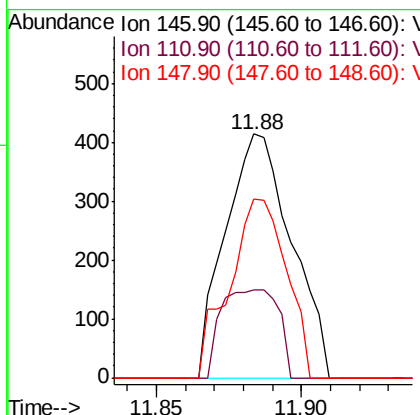
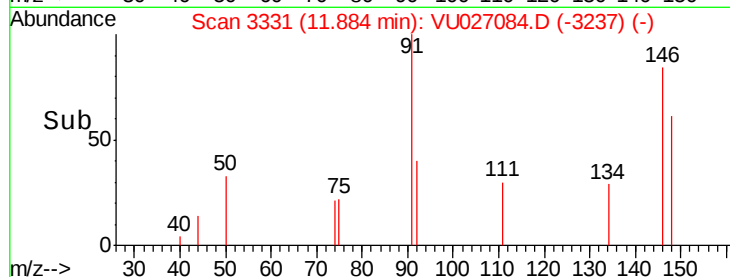
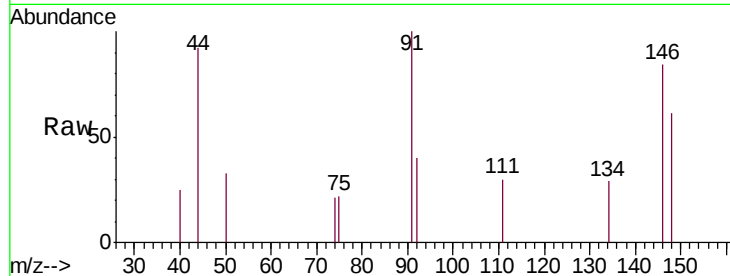




#91
 1,2-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU027084.D
 Acq: 23 Sep 2018 19:56

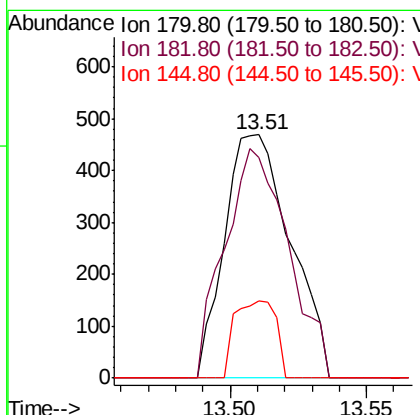
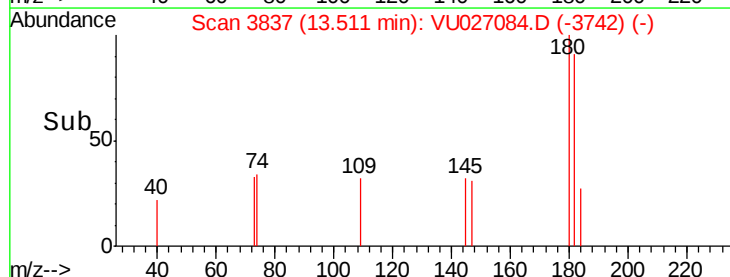
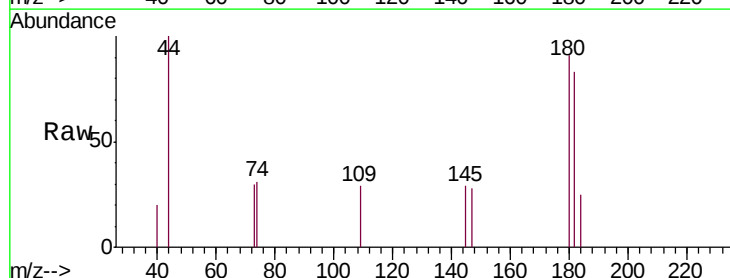
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW125-20180914

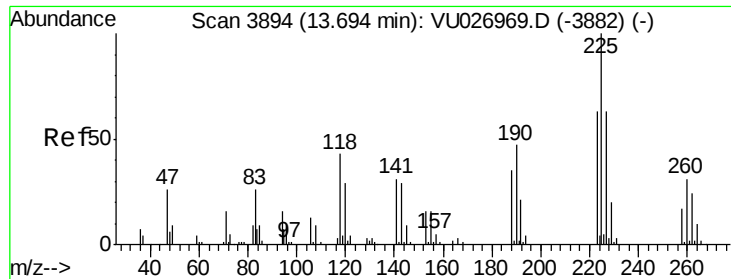
Tgt Ion:146 Resp: 656
 Ion Ratio Lower Upper
 146 100
 111 31.4 21.8 65.3
 148 63.1 31.9 95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.482 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU027084.D
 Acq: 23 Sep 2018 19:56

Tgt Ion:180 Resp: 791
 Ion Ratio Lower Upper
 180 100
 182 90.5 47.4 142.2
 145 19.8 14.9 44.5





#94

Hexachlorobutadiene

Concen: 0.478 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SA-SW125-20180914

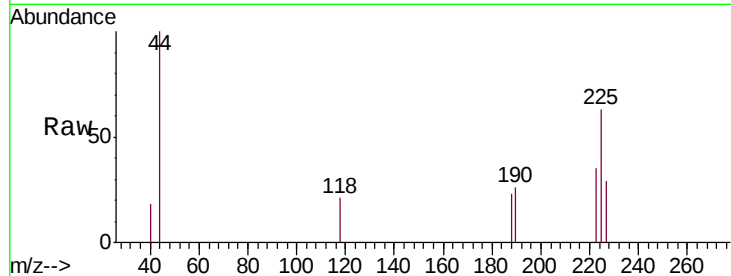
Tgt Ion:225 Resp: 415

Ion Ratio Lower Upper

225 100

223 47.7 31.9 95.7

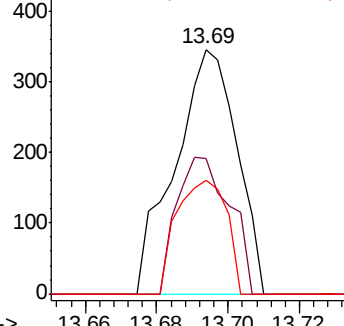
227 37.3 32.1 96.5



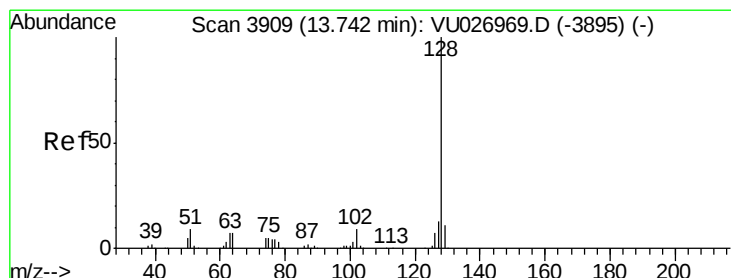
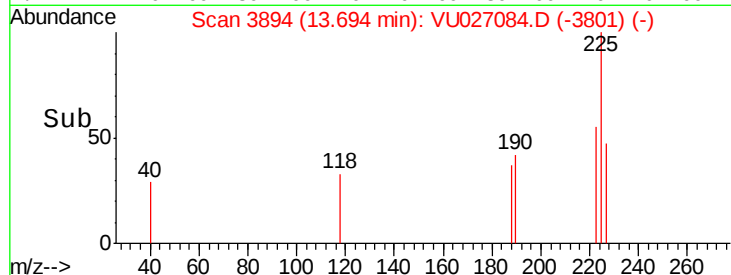
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time--> 13.66 13.68 13.70 13.72



#95

Naphthalene

Concen: 2.236 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU027084.D

Acq: 23 Sep 2018 19:56

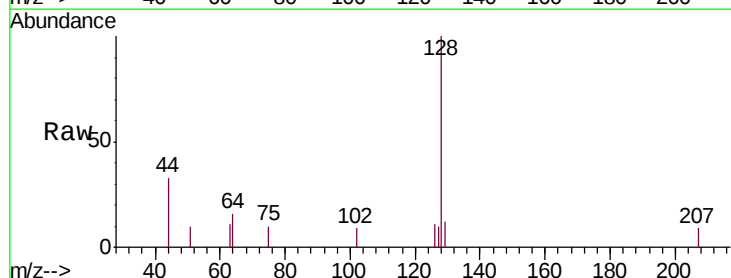
Tgt Ion:128 Resp: 3628

Ion Ratio Lower Upper

128 100

127 6.9 10.6 15.8#

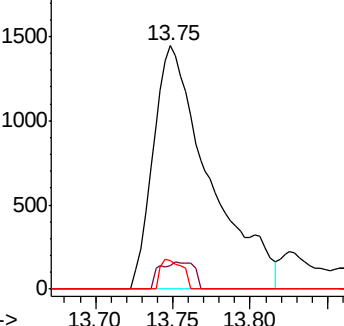
129 4.8 8.6 12.8#



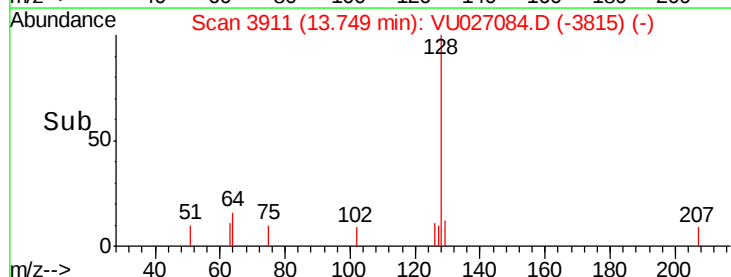
Abundance Ion 128.00 (127.70 to 128.70): V

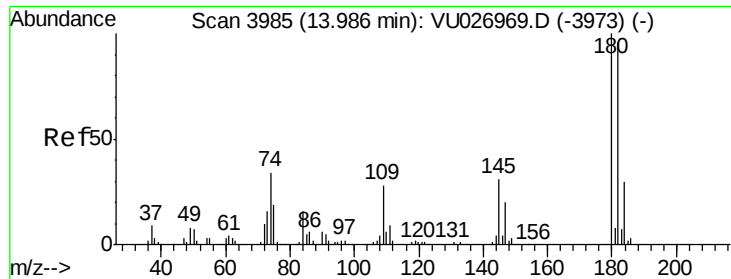
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.70 13.75 13.80





#96
 1,2,3-Trichlorobenzene
 Concen: 0.529 ug/l
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU027084.D
 Acq: 23 Sep 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW125-20180914

Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.6	47.5	142.5
145	15.7	15.4	46.4

