

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101118\
 Data File : VU027605.D
 Acq On : 11 Oct 2018 17:40
 Operator : MD/SY
 Sample : J5366-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

Quant Time: Oct 12 02:57:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	120924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	98317	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
35) Dibromofluoromethane	4.89	113	71457	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	7.57	98	262109	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.31	95	83172	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

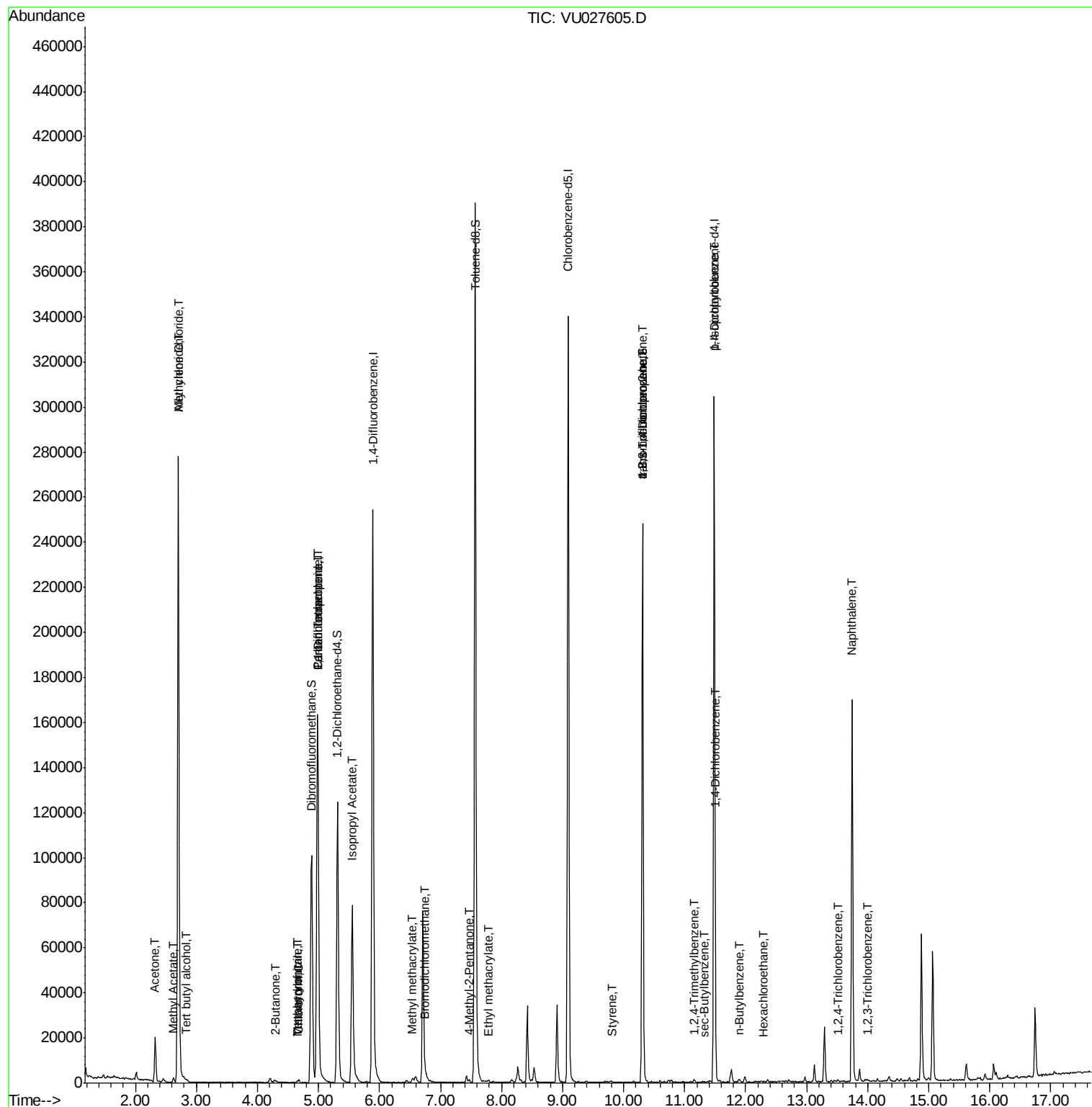
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.63	64	594	Below Cal	#	44
11) Tert butyl alcohol	2.84	59	456	0.999	ug/l #	72
14) Allyl chloride	2.70	41	5739	1.906	ug/l #	26
16) Acetone	2.32	43	20725	18.162	ug/l	98
18) Methyl Acetate	2.62	43	2606	0.913	ug/l #	86
20) Methylene Chloride	2.70	84	114248	70.733	ug/l	99
25) 2-Butanone	4.29	43	2677	1.655	ug/l #	87
29) Tetrahydrofuran	4.66	42	408	0.402	ug/l #	51
30) Chloroform	4.68	83	745	0.274	ug/l	92
31) Cyclohexane	4.99	56	3010	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	10752	5.084	ug/l #	46
38) Carbon Tetrachloride	4.99	117	12490	6.406	ug/l #	18
41) Methacrylonitrile	4.66	41	254	0.750	ug/l #	27
43) Isopropyl Acetate	5.55	43	98388	22.407	ug/l	99
47) Bromodichloromethane	6.76	83	435	0.202	ug/l #	86
48) Methyl methacrylate	6.55	41	3607	2.943	ug/l #	21
51) 4-Methyl-2-Pentanone	7.47	43	1145	0.388	ug/l #	79
56) Ethyl methacrylate	7.79	69	703	2.419	ug/l #	64
70) Styrene	9.80	104	281	1.322	ug/l #	35
76) 1,2,3-Trichloropropane	10.31	75	43515	20.386	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.77	105	605	Below Cal		69
81) trans-1,4-Dichloro-2-buten	10.31	75	43515	24.024	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	980	0.205	ug/l	86
85) sec-Butylbenzene	11.33	105	321	0.352	ug/l #	58
86) p-Isopropyltoluene	11.48	119	561	0.597	ug/l #	72
88) 1,4-Dichlorobenzene	11.51	146	510	0.211	ug/l #	25
89) n-Butylbenzene	11.89	91	715	1.714	ug/l	84
90) Hexachloroethane	12.29	117	185	0.223	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.50	180	456	1.920	ug/l #	87
95) Naphthalene	13.75	128	127469	23.802	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	428	0.283	ug/l #	82

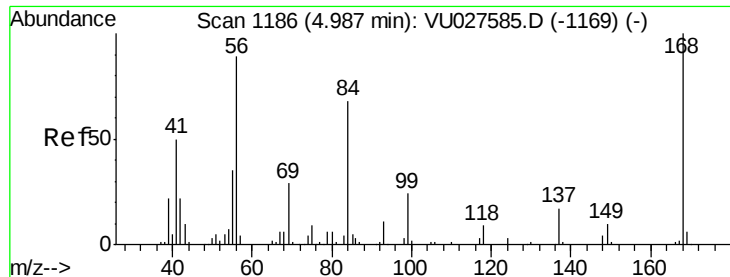
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

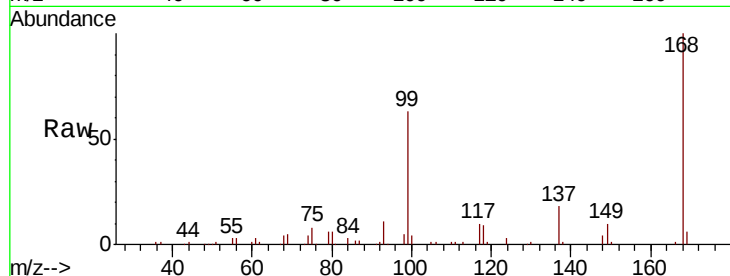
RBR200035

Tgt Ion:168 Resp: 120924

Ion Ratio Lower Upper

168 100

99 63.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027585.D (-1169) (-)

4.99

60000

50000

40000

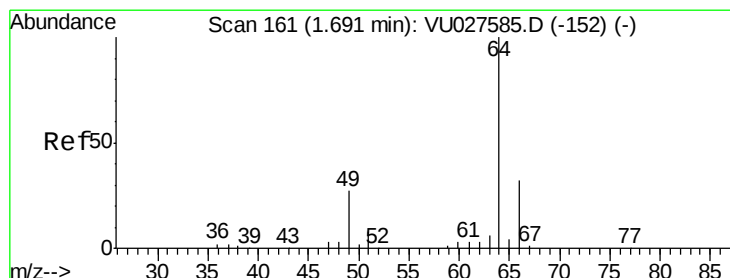
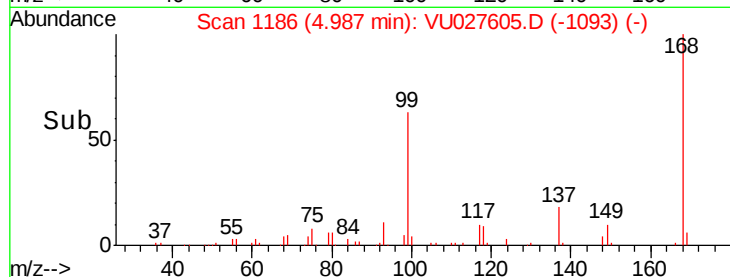
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.63 min Scan# 141

Delta R.T. -0.06 min

Lab File: VU027605.D

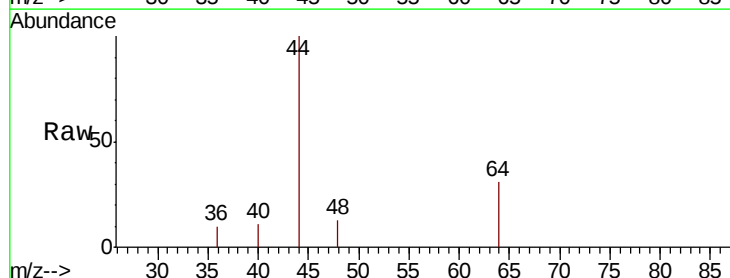
Acq: 11 Oct 2018 17:40

Tgt Ion: 64 Resp: 594

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027585.D (-152) (-)

Ion 65.90 (65.60 to 66.60): VU027585.D (-152) (-)

1.63

600

500

400

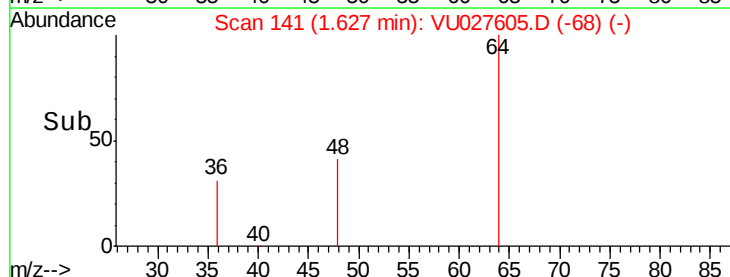
300

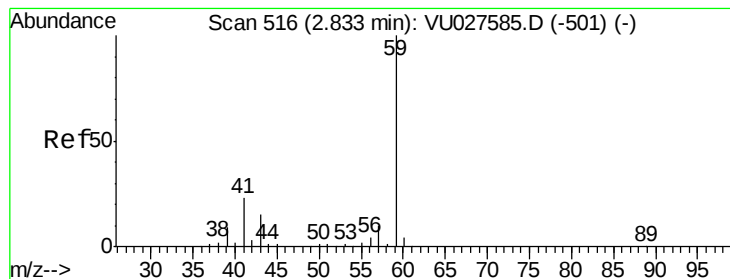
200

100

0

Time-->



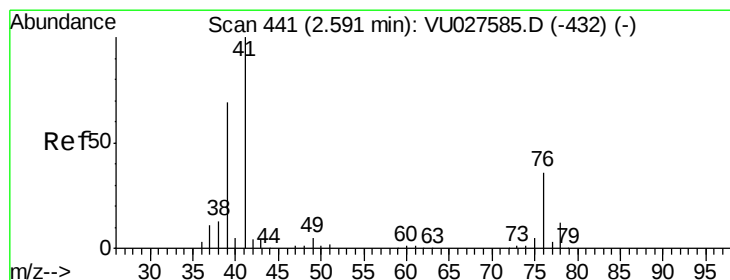
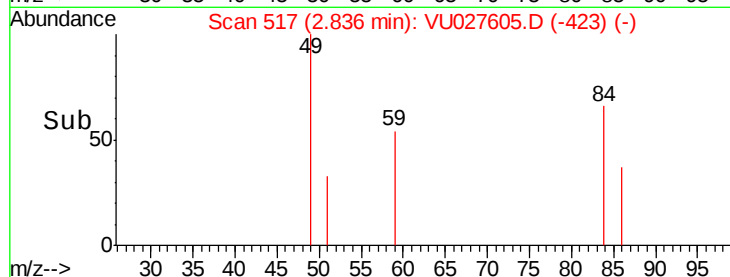
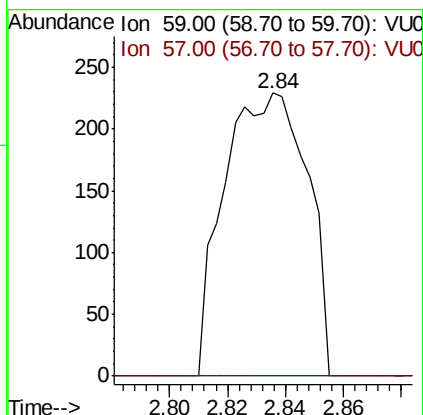
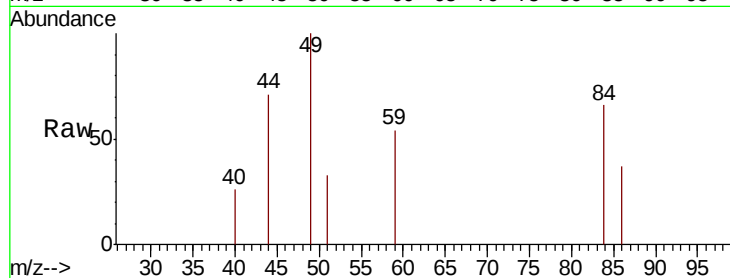


#11

Tert butyl alcohol
 Concen: 0.999 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

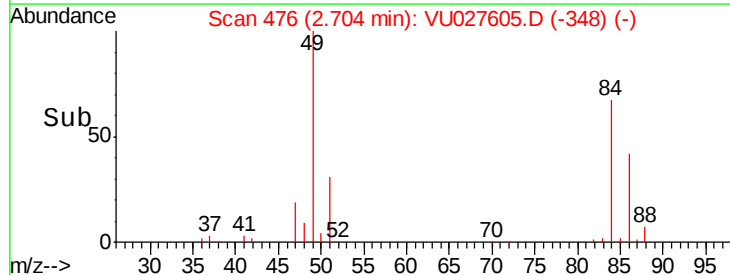
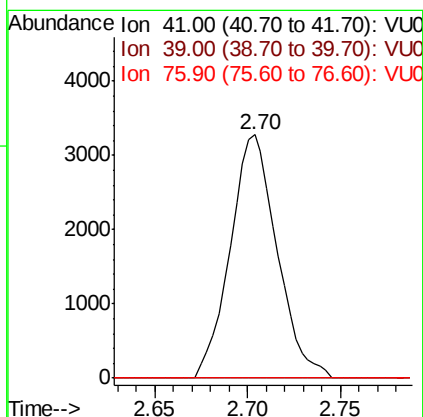
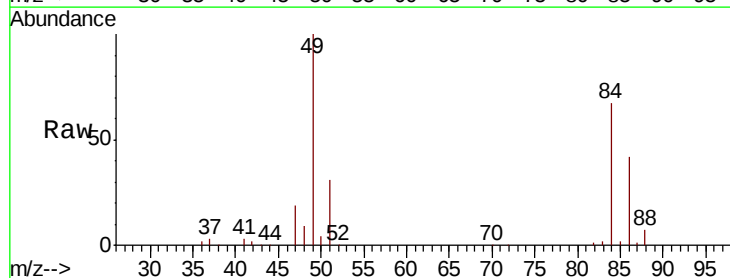
Tgt Ion: 59 Resp: 456
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

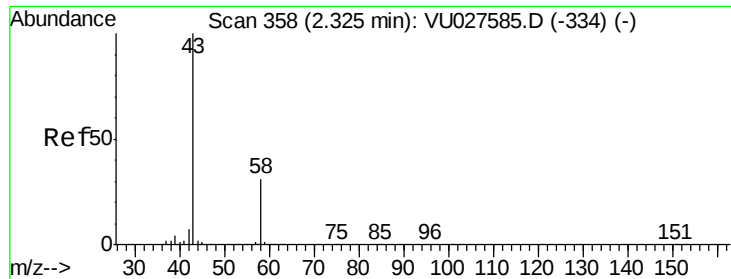


#14

Allyl chloride
 Concen: 1.906 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.11 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion: 41 Resp: 5739
 Ion Ratio Lower Upper
 41 100
 39 0.0 51.8 77.8#
 76 0.0 25.9 38.9#





#16

Acetone

Concen: 18.162 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

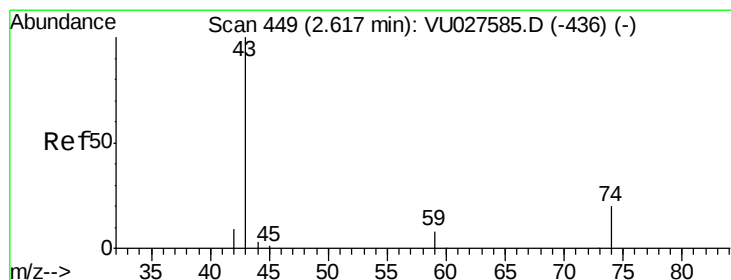
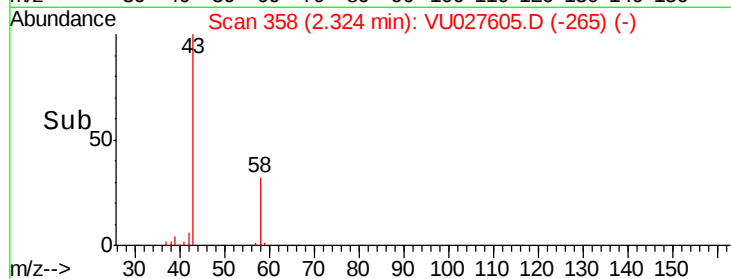
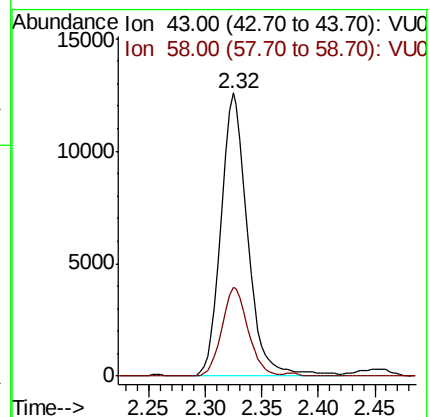
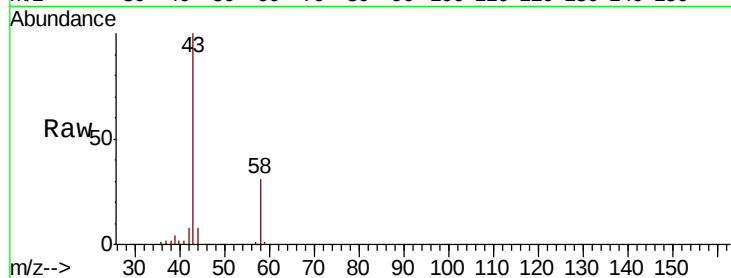
RBR200035

Tgt Ion: 43 Resp: 20725

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.4



#18

Methyl Acetate

Concen: 0.913 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027605.D

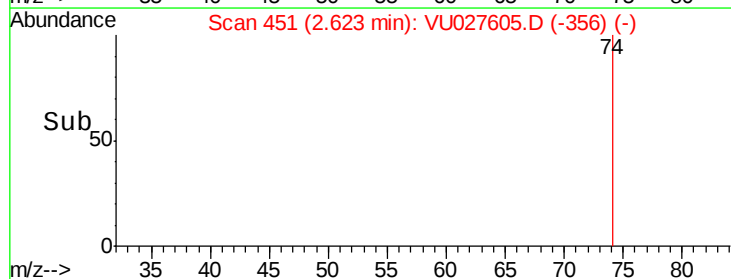
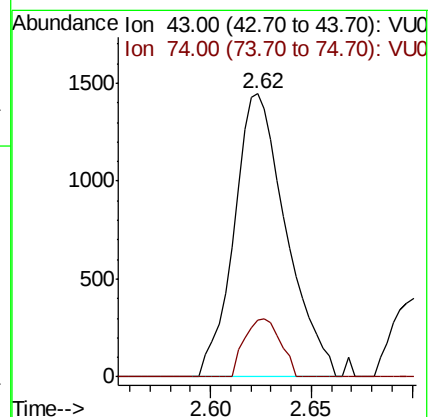
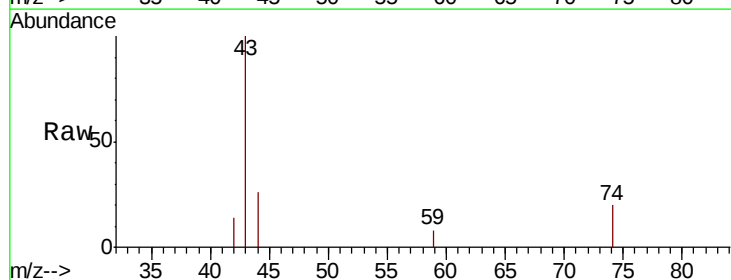
Acq: 11 Oct 2018 17:40

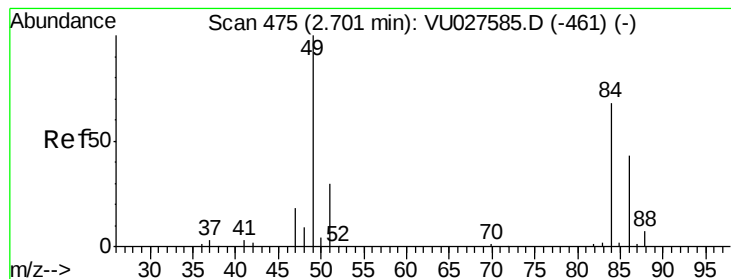
Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

43 100

74 14.2 16.5 24.7#





#20

Methylene Chloride

Concen: 70.733 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

RBR200035

Tgt Ion: 84 Resp: 114248

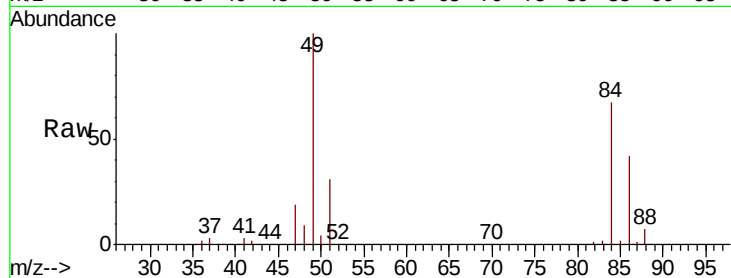
Ion Ratio Lower Upper

84 100

49 149.8 120.5 180.7

51 45.9 35.1 52.7

86 63.6 50.5 75.7



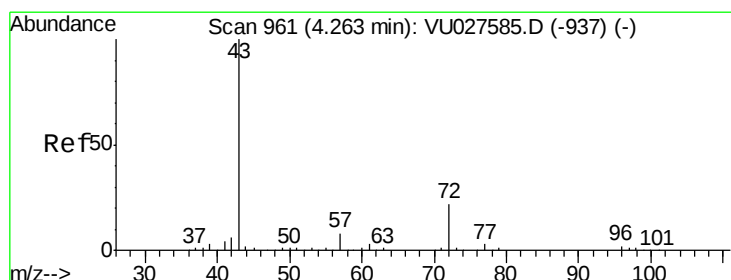
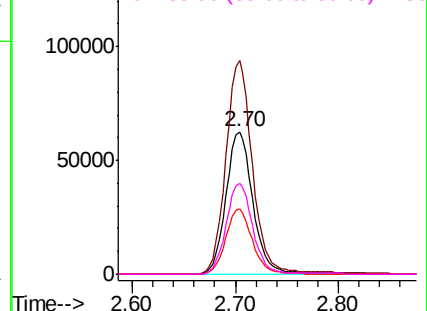
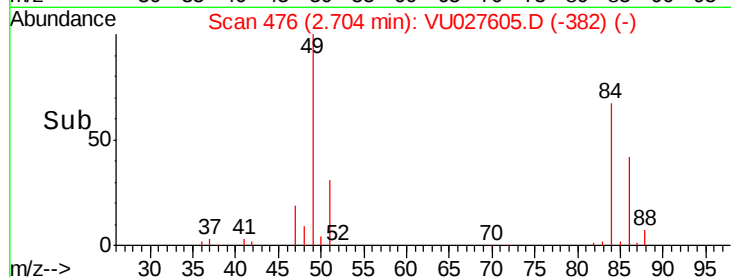
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25

2-Butanone

Concen: 1.655 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027605.D

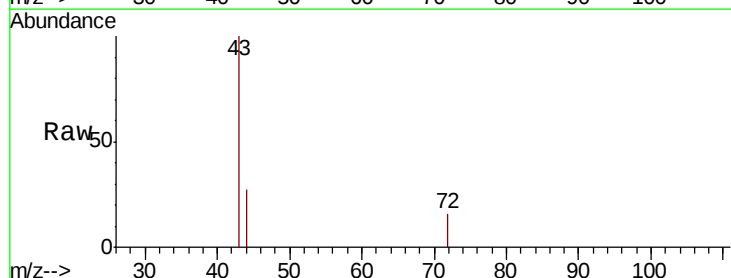
Acq: 11 Oct 2018 17:40

Tgt Ion: 43 Resp: 2677

Ion Ratio Lower Upper

43 100

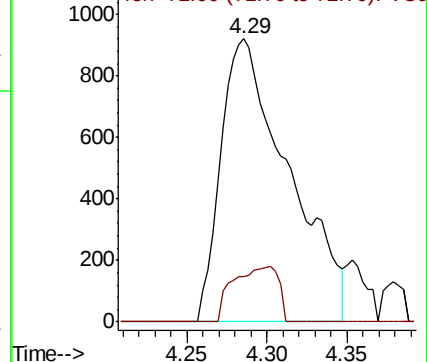
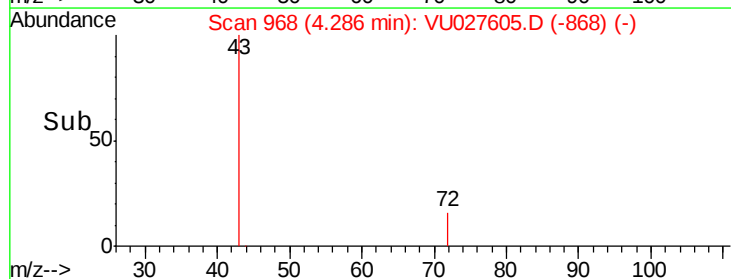
72 16.0 17.8 26.6#

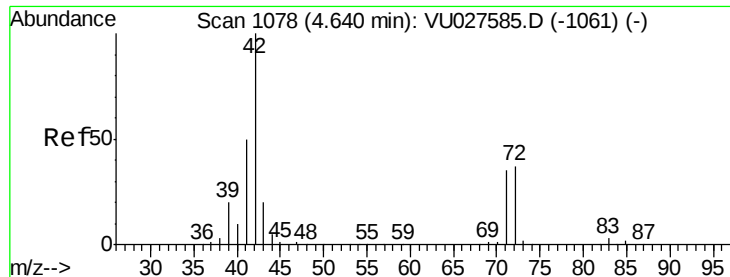


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027605.D

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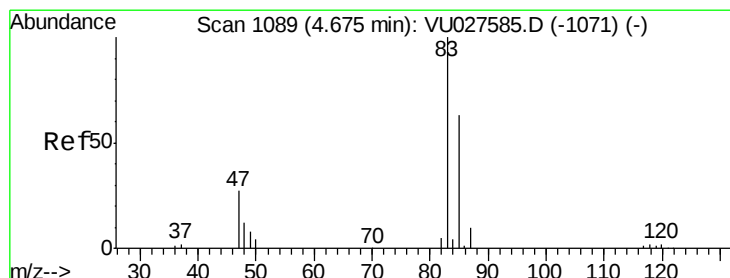
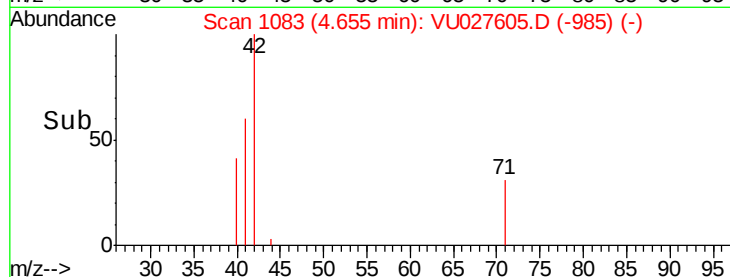
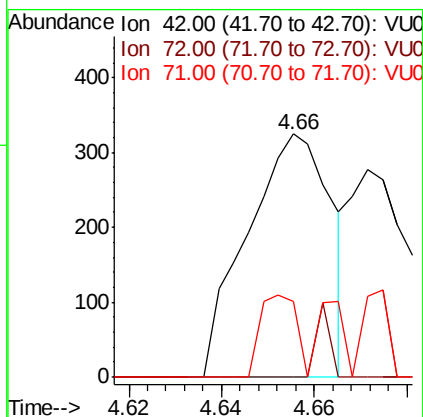
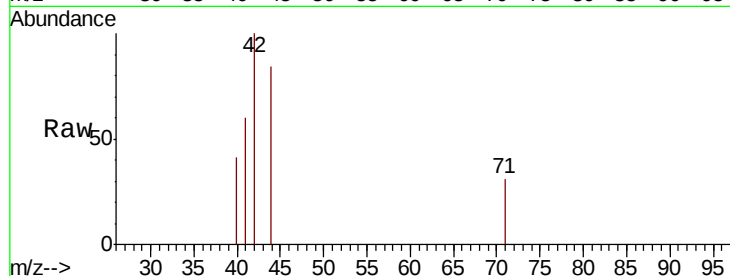
Tgt Ion: 42 Resp: 408

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 14.7 27.7 41.5#



#30

Chloroform

Concen: 0.274 ug/l

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU027605.D

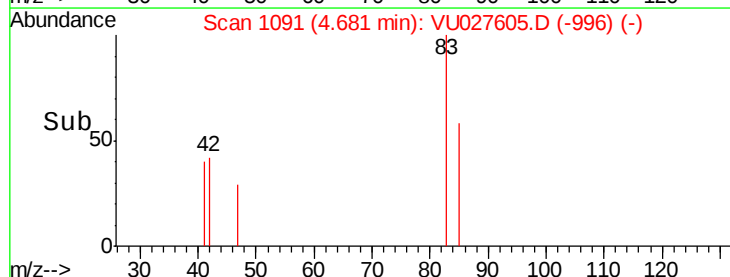
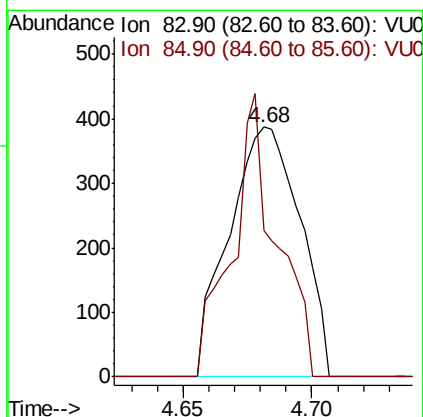
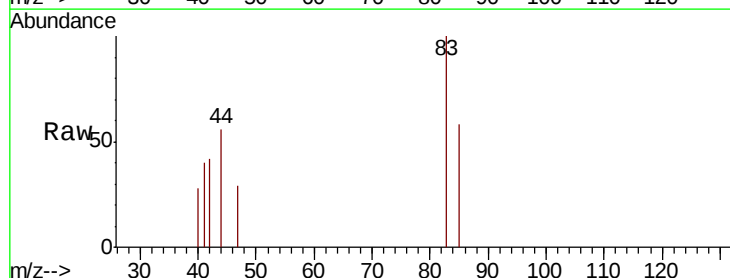
Acq: 11 Oct 2018 17:40

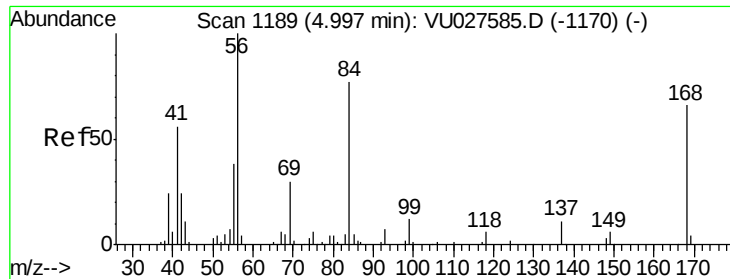
Tgt Ion: 83 Resp: 745

Ion Ratio Lower Upper

83 100

85 58.4 51.8 77.6

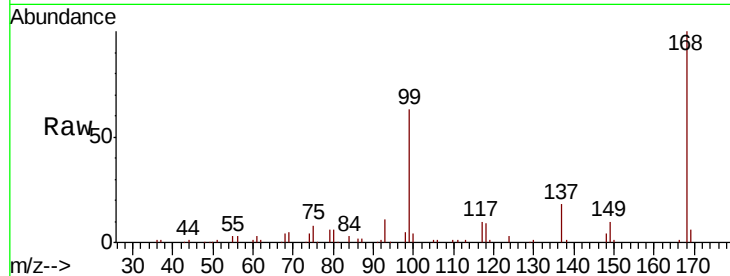




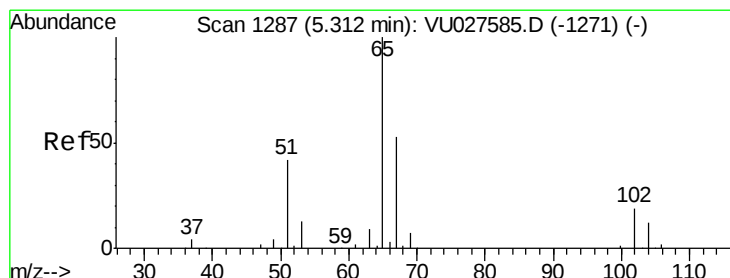
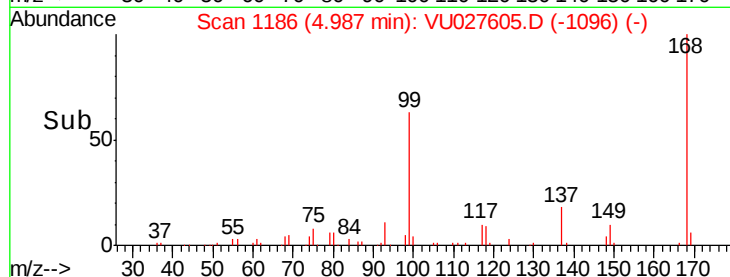
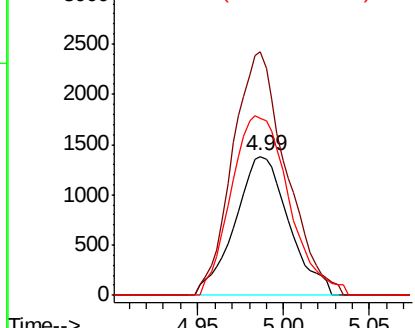
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

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Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 174.9 24.1 36.1#
84 127.0 59.1 88.7#

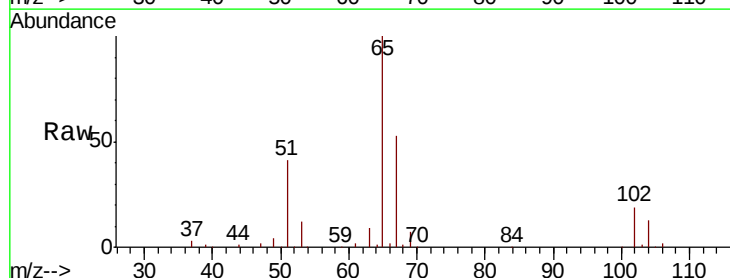


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

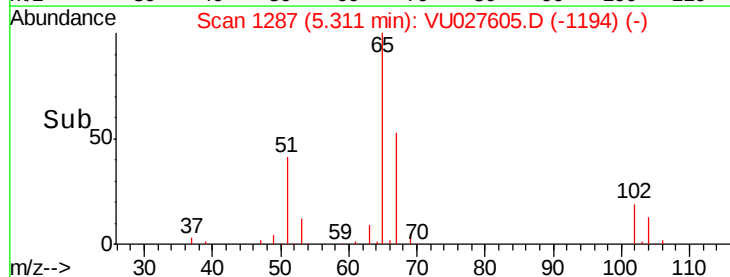
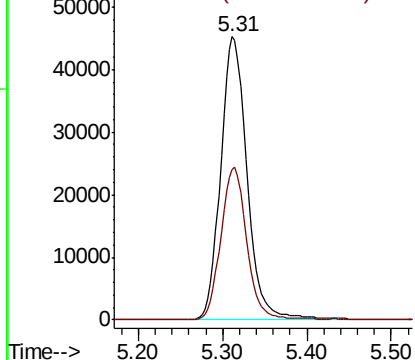


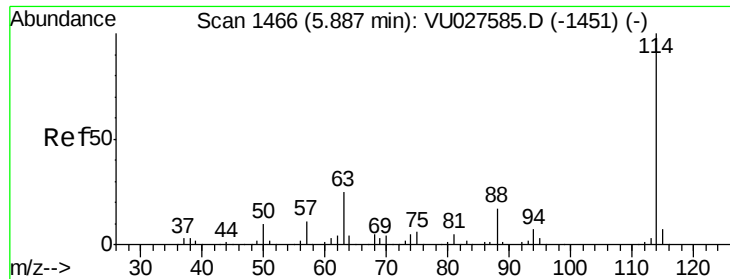
#33
1,2-Dichloroethane-d4
Concen: 52.524 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion: 65 Resp: 98317
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

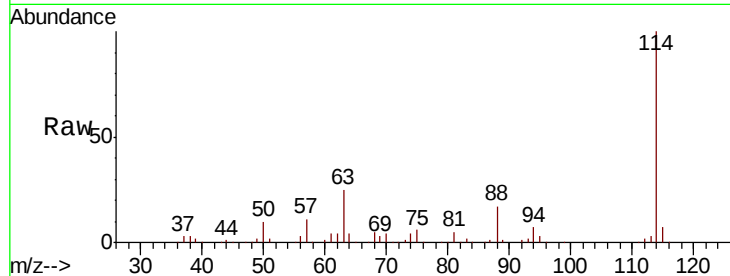




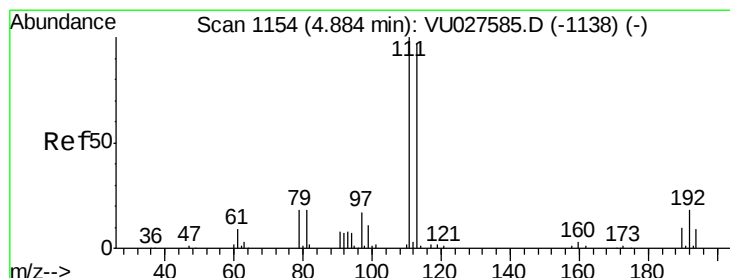
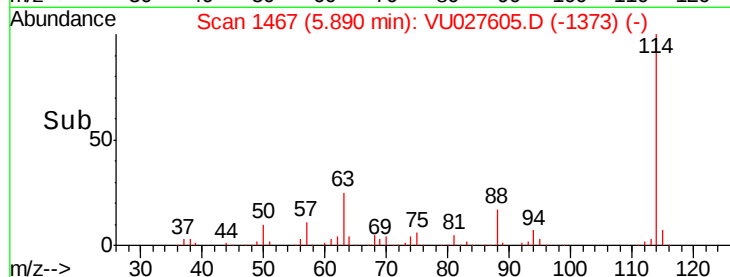
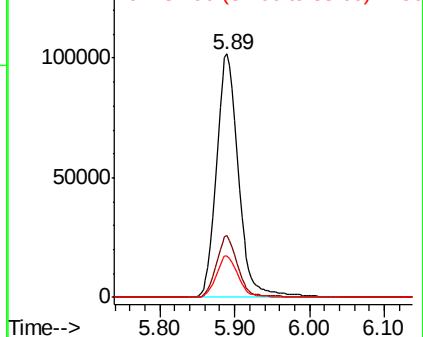
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

Tgt Ion:114 Resp: 208179
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.1 0.0 33.8

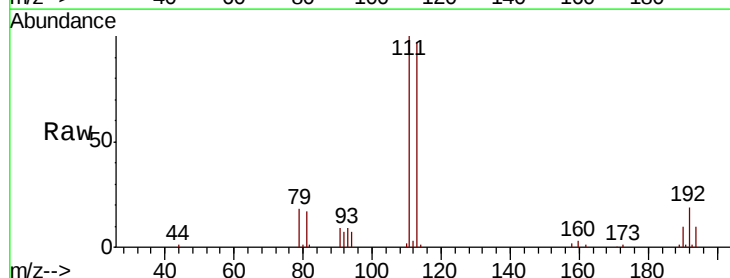


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

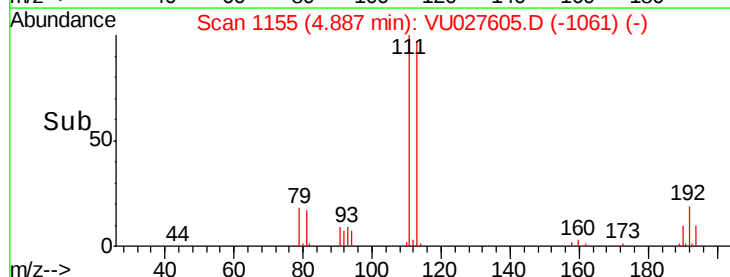
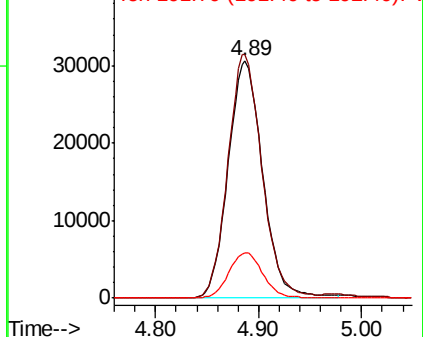


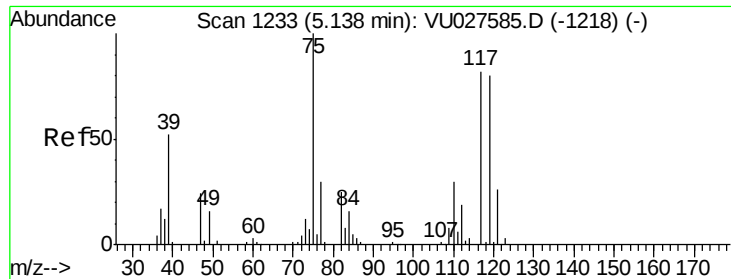
#35
 Dibromofluoromethane
 Concen: 51.881 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion:113 Resp: 71457
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.1 124.7
 192 18.7 15.4 23.0



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

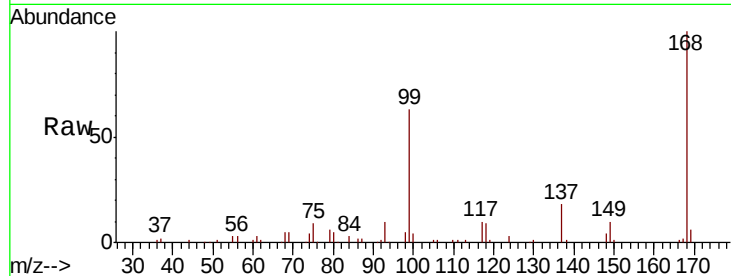




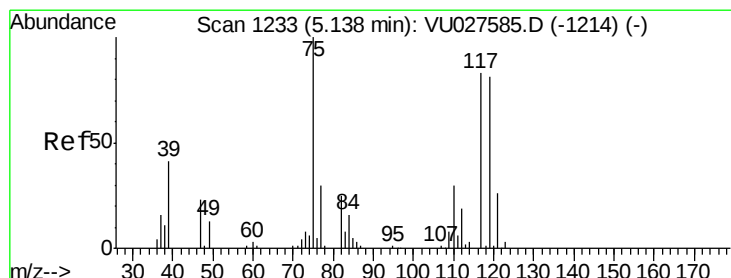
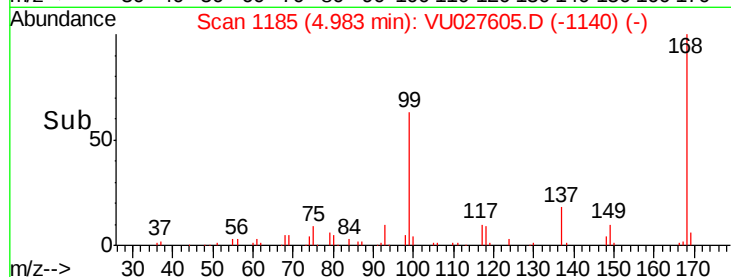
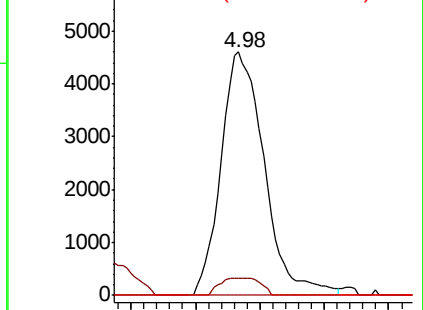
#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.3	15.5	46.5#
77	0.0	25.4	38.0#

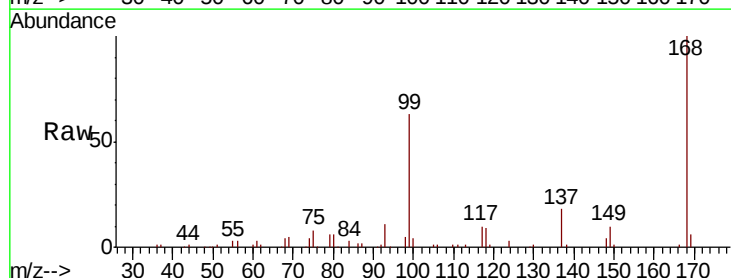


Abundance Ion 74.90 (74.60 to 75.60): VU027605.D (-1140) (-)

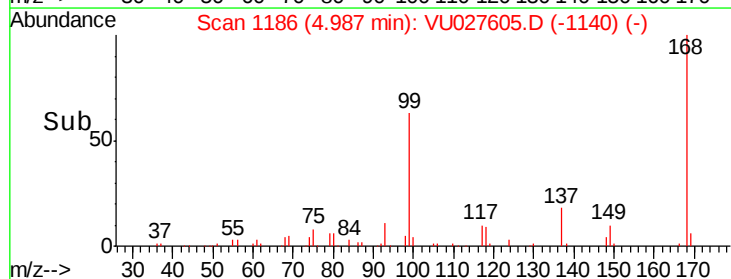
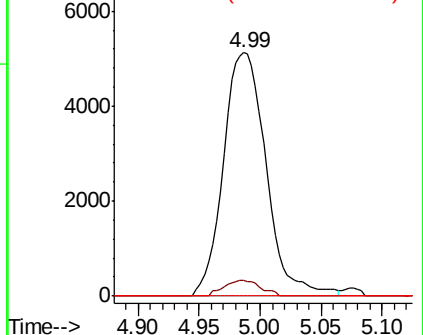


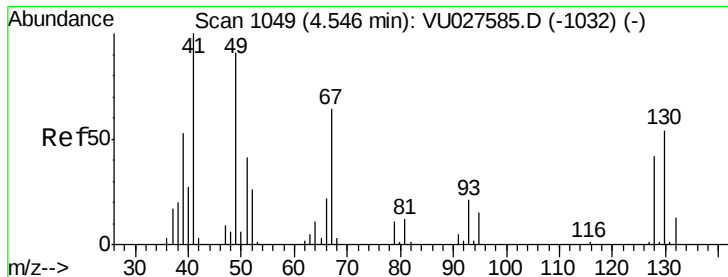
#38
 Carbon Tetrachloride
 Concen: 6.406 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027605.D (-1140) (-)





#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.11 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

RBR200035

Tgt Ion: 41 Resp: 254

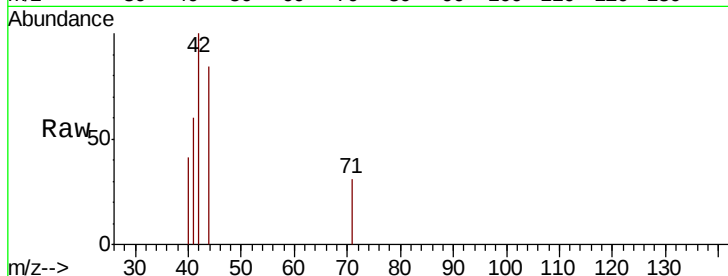
Ion Ratio Lower Upper

41 100

39 0.0 41.1 61.7#

67 0.0 50.4 75.6#

52 0.0 20.3 30.5#



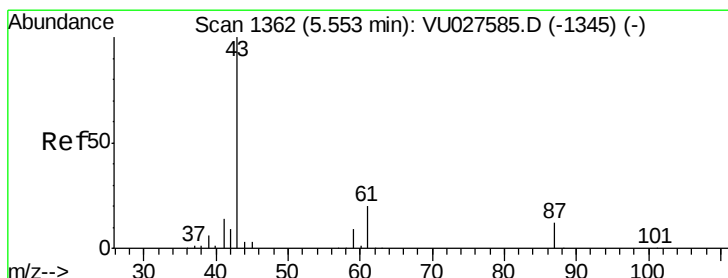
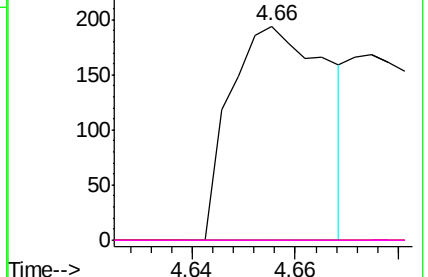
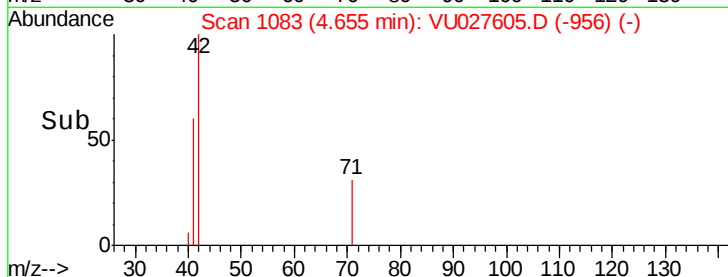
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Time-->



#43

Isopropyl Acetate

Concen: 22.407 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

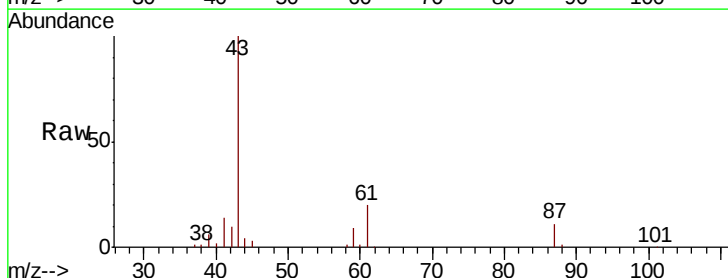
Tgt Ion: 43 Resp: 98388

Ion Ratio Lower Upper

43 100

61 18.3 15.3 22.9

87 10.4 8.6 13.0

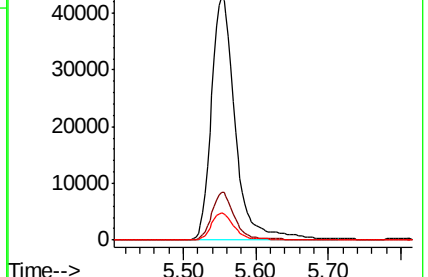
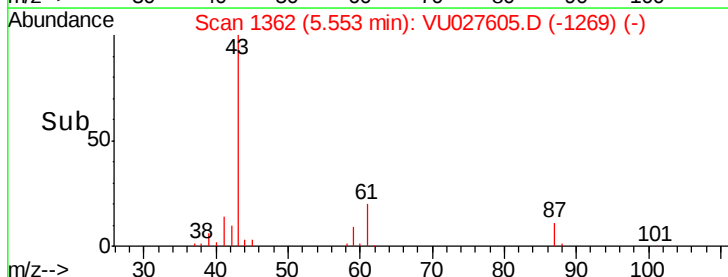


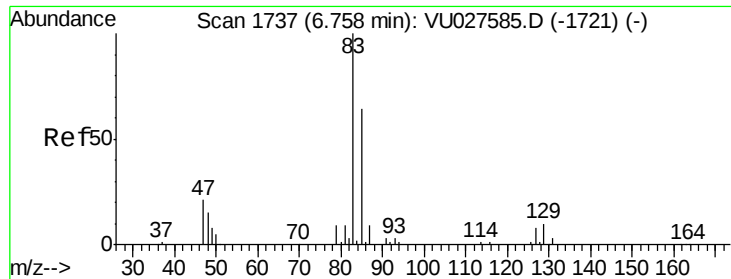
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Time-->

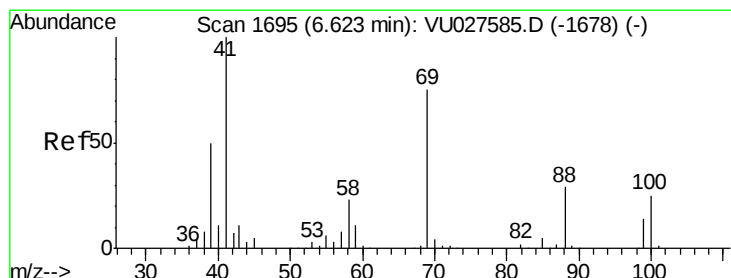
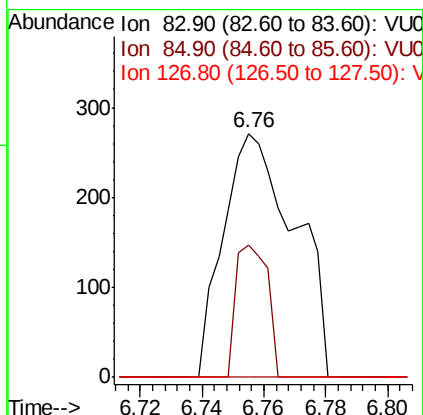
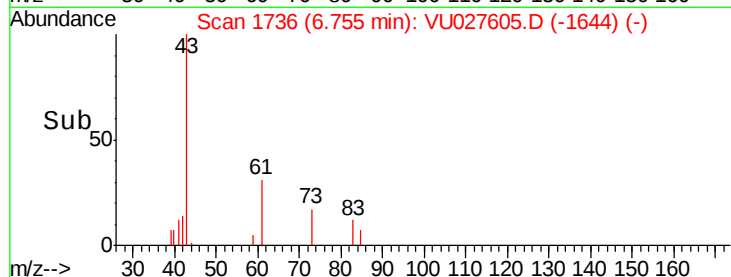
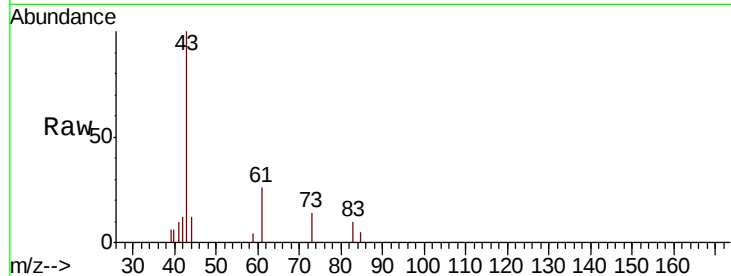




#47
Bromodichloromethane
Concen: 0.202 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

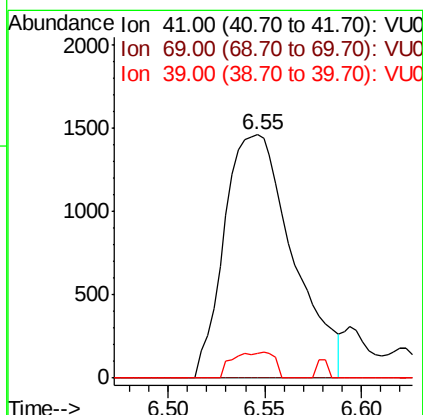
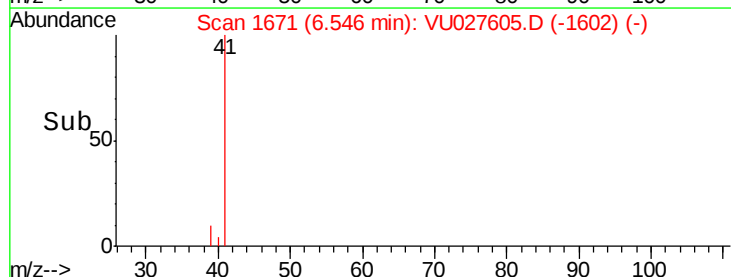
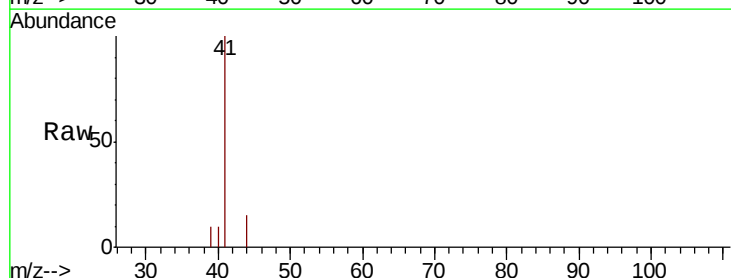
Instrument :
MSVOA_U
ClientSampleId :
RBR200035

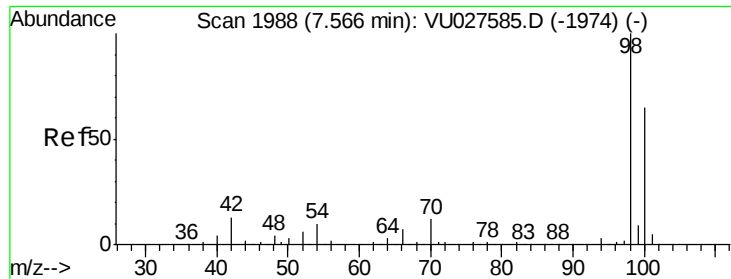
Tgt Ion: 83 Resp: 435
Ion Ratio Lower Upper
83 100
85 54.2 51.4 77.0
127 0.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 2.943 ug/l
RT: 6.55 min Scan# 1671
Delta R.T. -0.08 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion: 41 Resp: 3607
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 6.5 39.9 59.9#

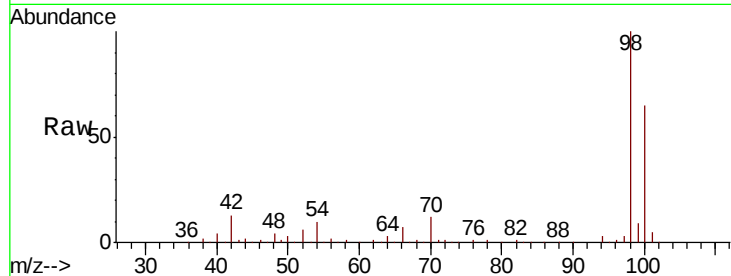




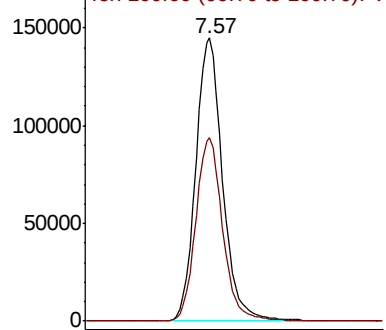
#50
Toluene-d8
Concen: 49.975 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

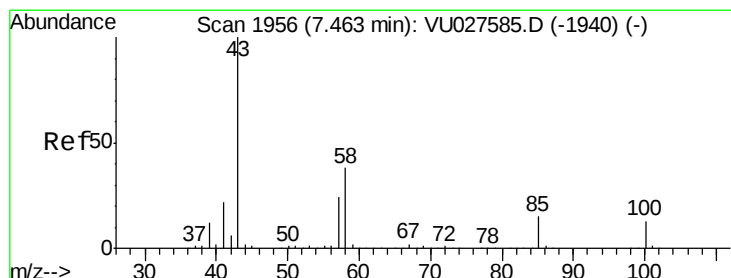
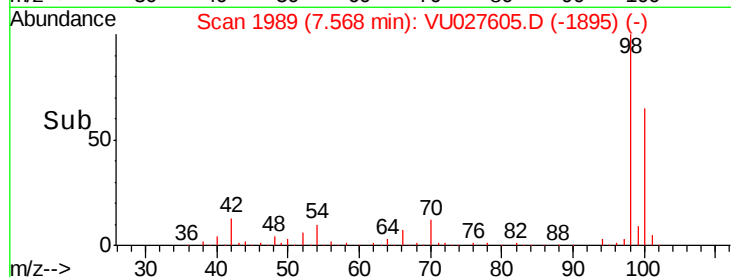
Tgt Ion: 98 Resp: 262109
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027585.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027585.D (-1974) (-)

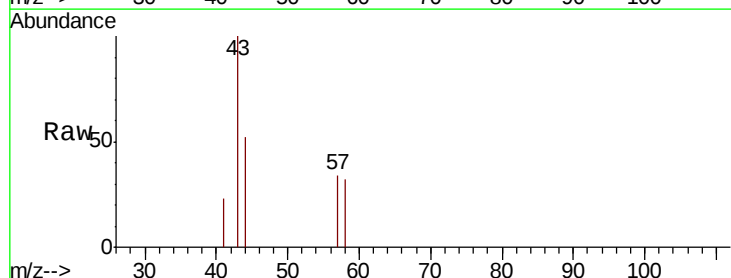


Time-->

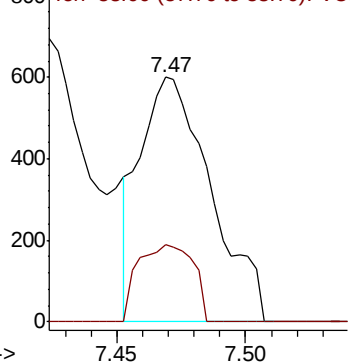


#51
4-Methyl-2-Pentanone
Concen: 0.388 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

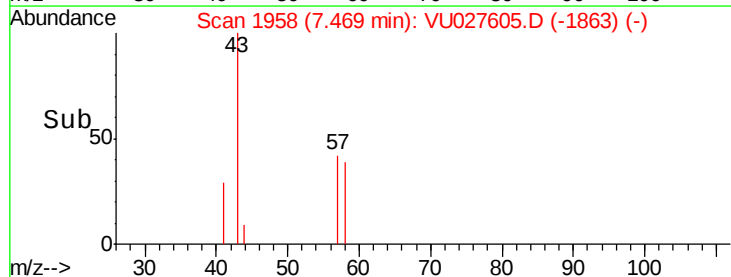
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 24.5 29.8 44.8#

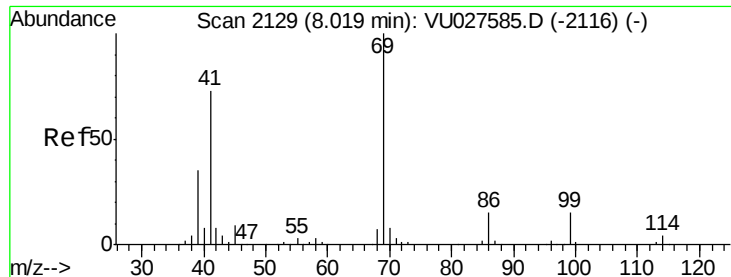


Abundance Ion 43.00 (42.70 to 43.70): VU027585.D (-1940) (-)
Ion 58.00 (57.70 to 58.70): VU027585.D (-1940) (-)



Time-->

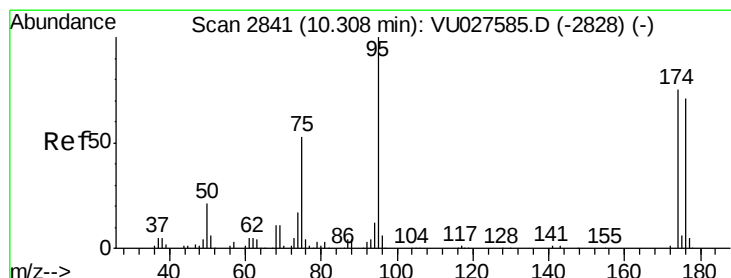
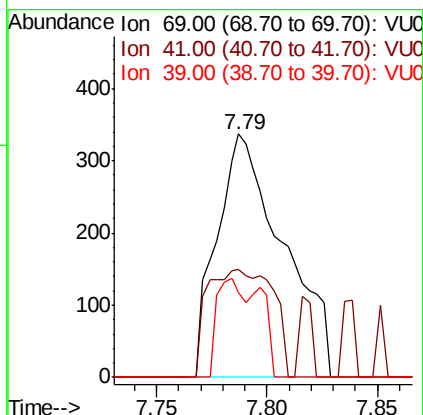
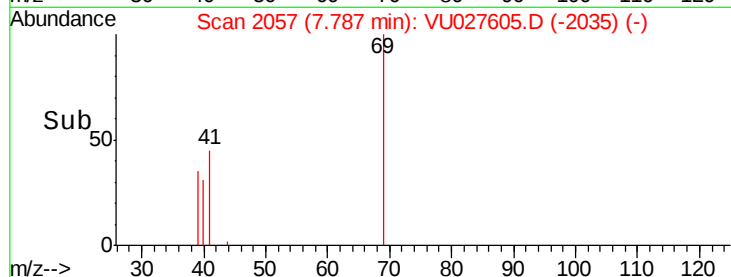
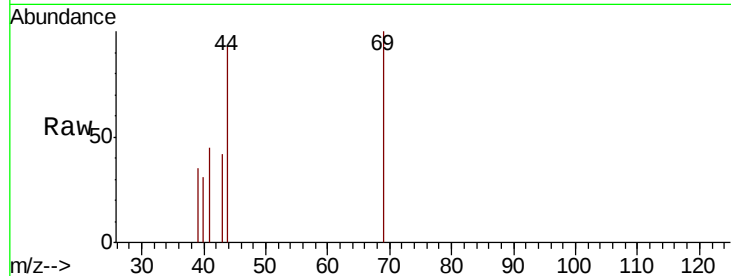




#56
Ethyl methacrylate
Concen: 2.419 ug/l
RT: 7.79 min Scan# 2057
Delta R.T. -0.23 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

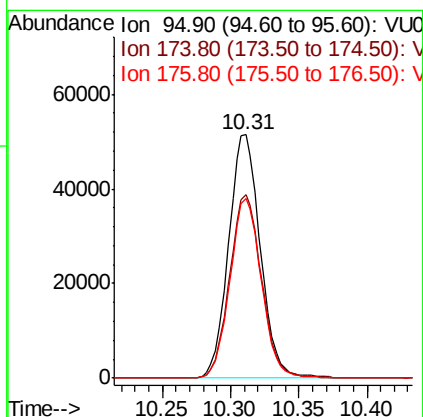
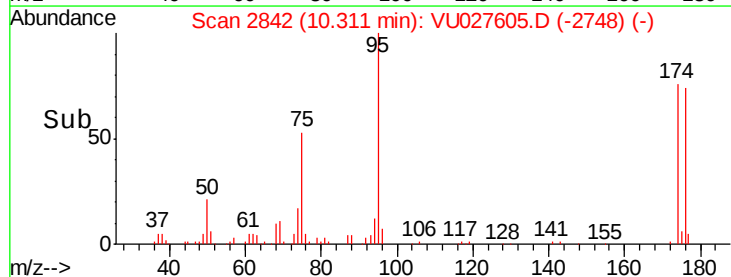
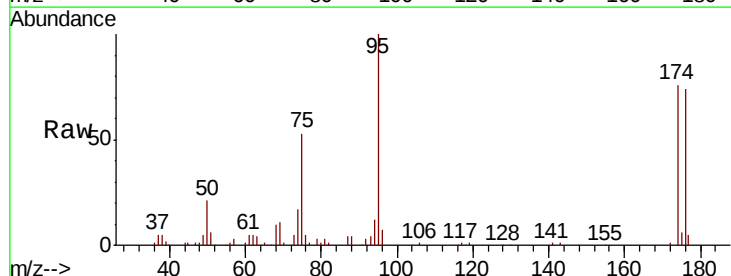
Instrument :
MSVOA_U
ClientSampleId :
RBR200035

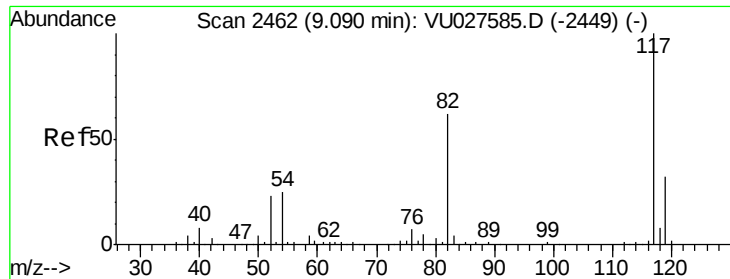
Tgt Ion: 69 Resp: 703
Ion Ratio Lower Upper
69 100
41 43.7 60.0 90.0#
39 16.6 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 43.967 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion: 95 Resp: 83172
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.8
176 73.0 0.0 140.8

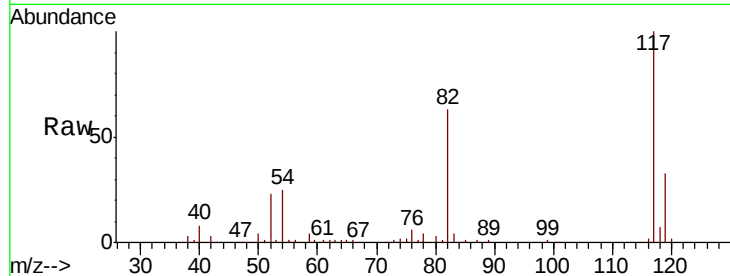




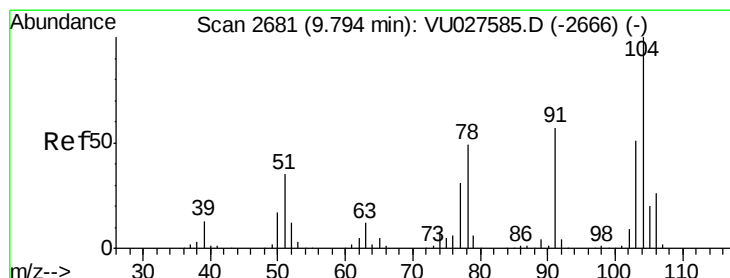
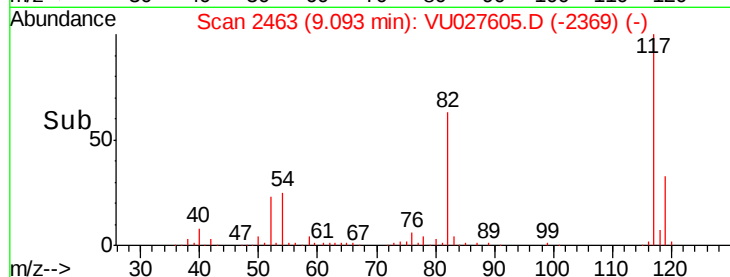
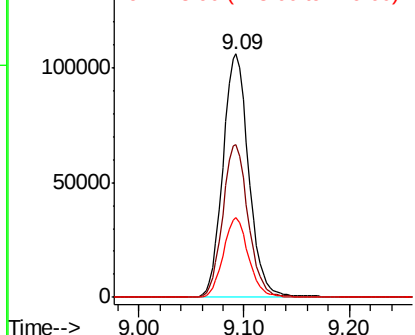
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

Tgt Ion:117 Resp: 179769
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.6 25.7 38.5

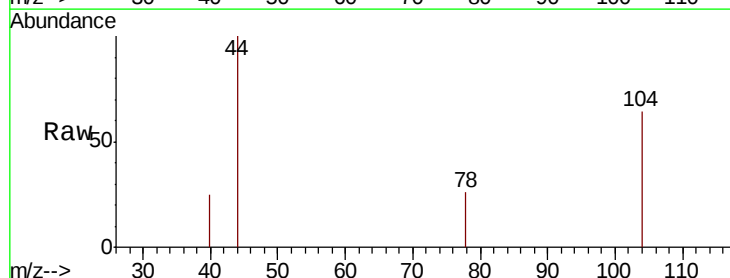


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

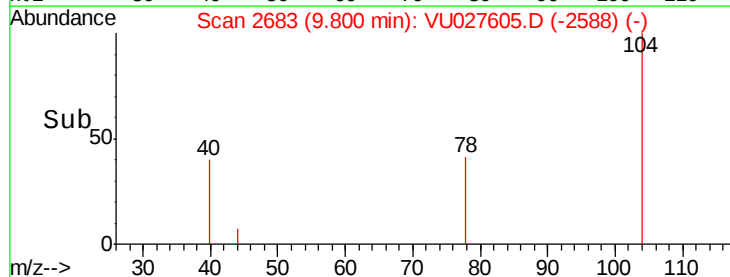
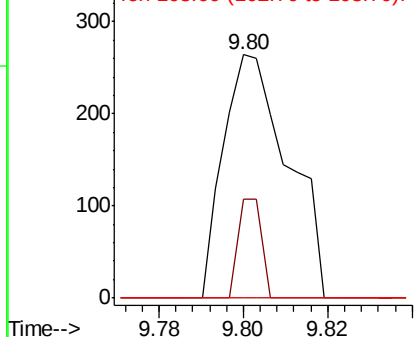


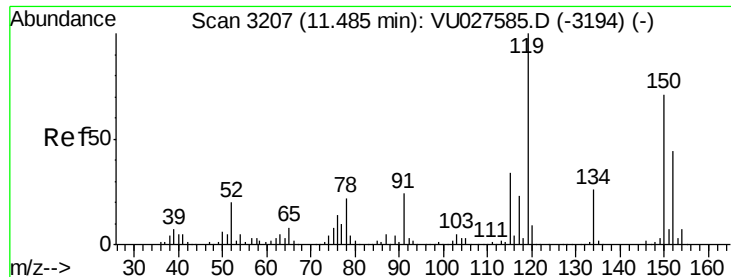
#70
Styrene
Concen: 1.322 ug/l
RT: 9.80 min Scan# 2683
Delta R.T. 0.01 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion:104 Resp: 281
Ion Ratio Lower Upper
104 100
78 14.6 42.9 64.3#
103 0.0 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

RBR200035

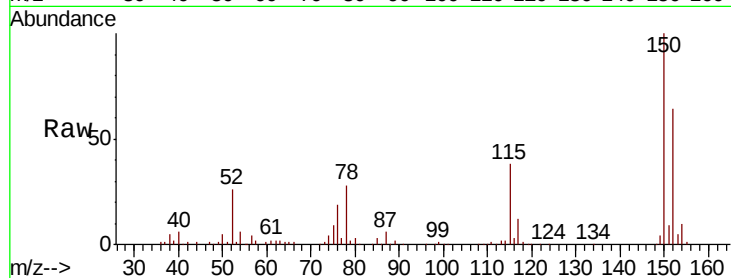
Tgt Ion: 152 Resp: 74405

Ion Ratio Lower Upper

152 100

115 59.0 43.4 130.2

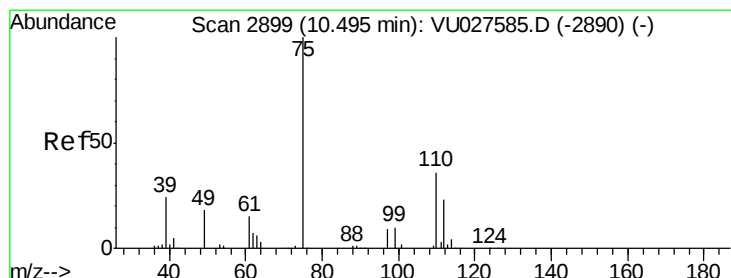
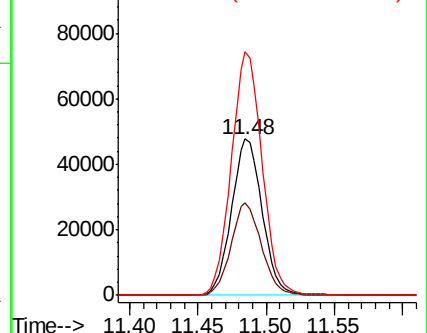
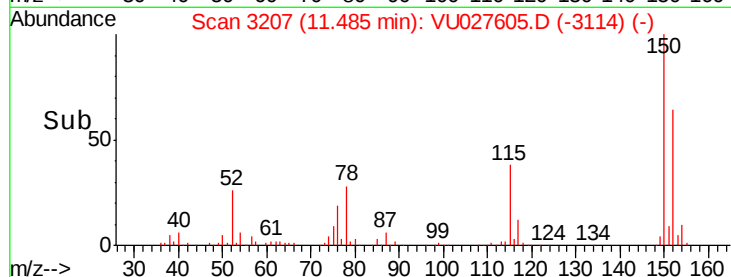
150 157.3 0.0 349.2



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: 20.386 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027605.D

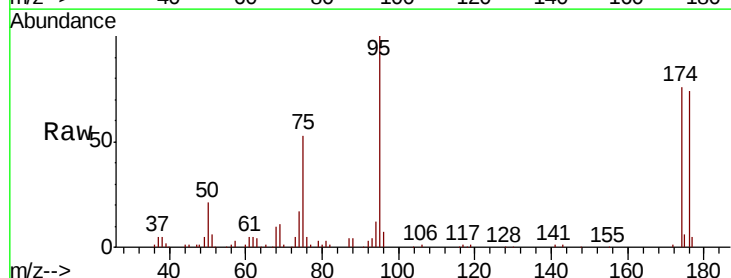
Acq: 11 Oct 2018 17:40

Tgt Ion: 75 Resp: 43515

Ion Ratio Lower Upper

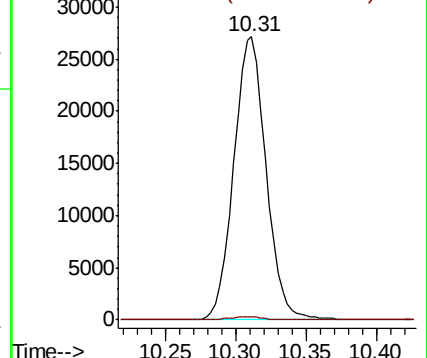
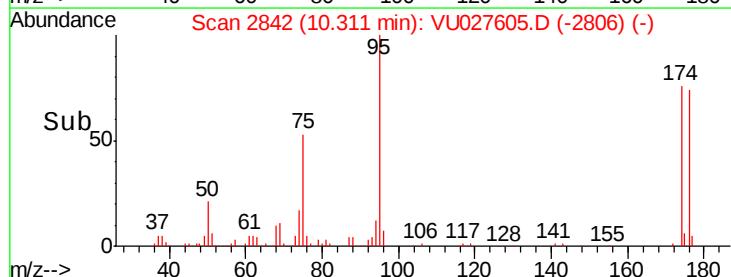
75 100

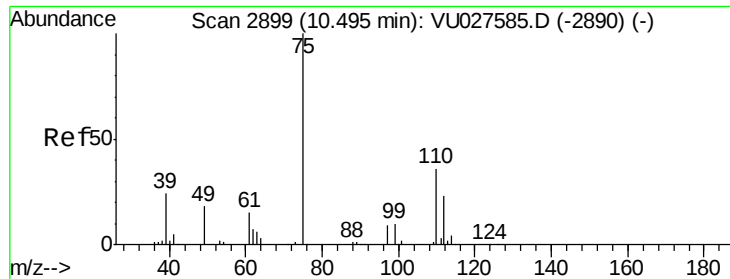
77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 24.024 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

RBR200035

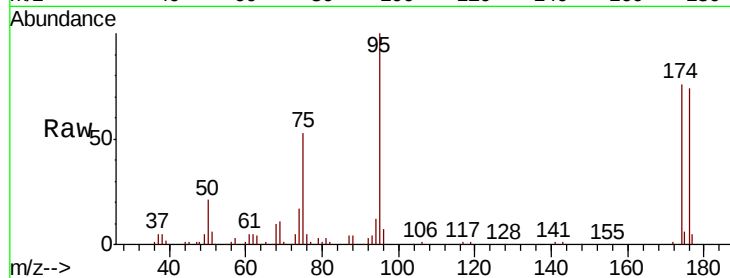
Tgt Ion: 75 Resp: 43515

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

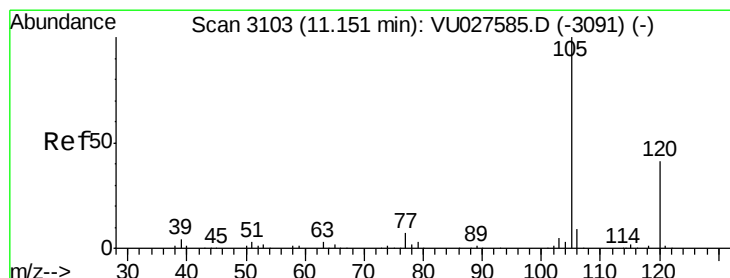
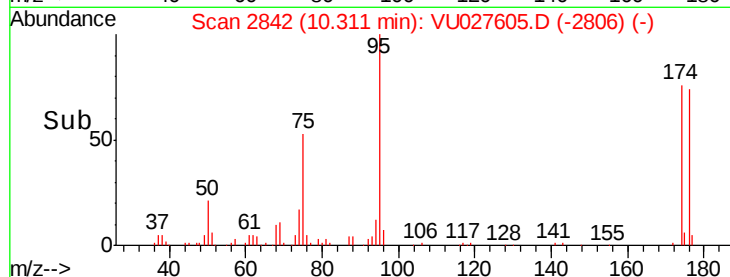
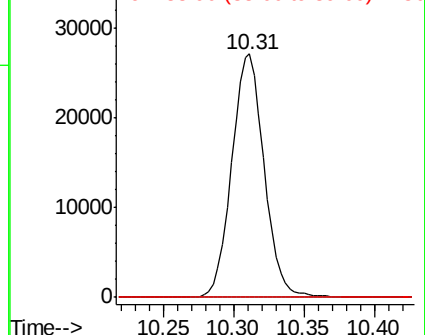
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 0.205 ug/l

RT: 11.15 min Scan# 3104

Delta R.T. 0.00 min

Lab File: VU027605.D

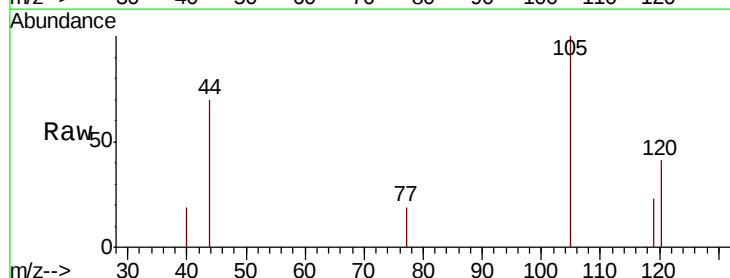
Acq: 11 Oct 2018 17:40

Tgt Ion: 105 Resp: 980

Ion Ratio Lower Upper

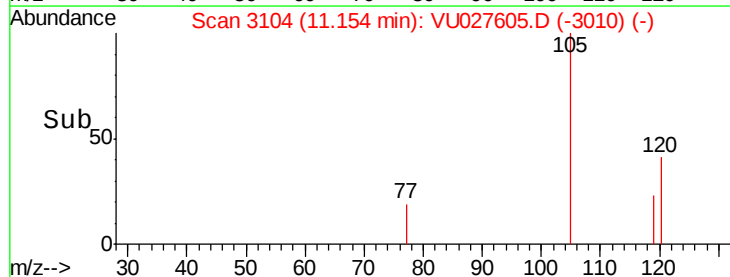
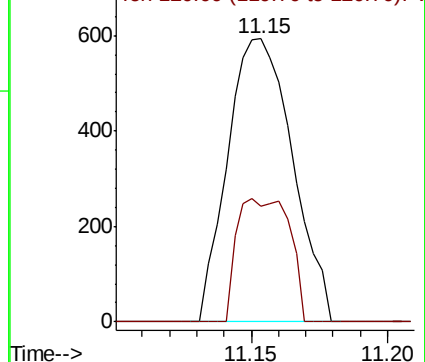
105 100

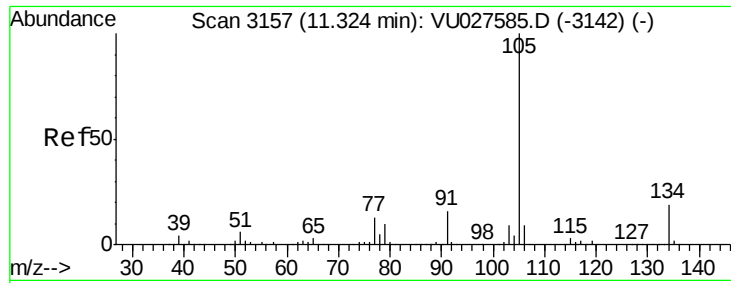
120 35.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

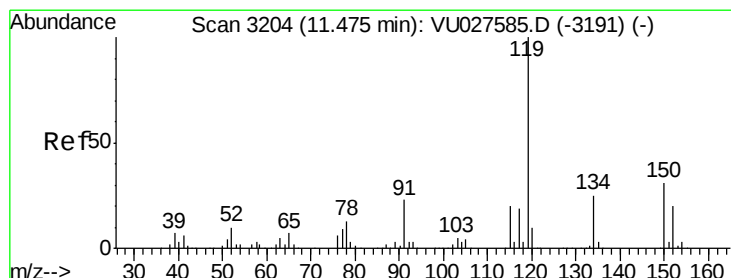
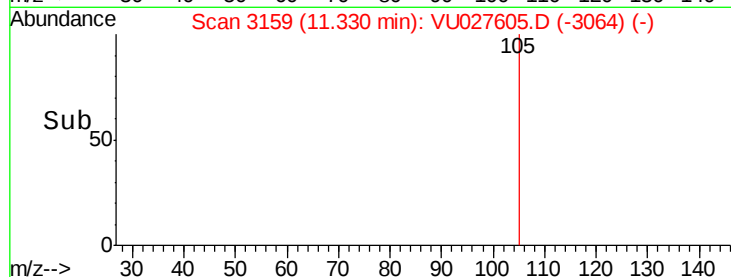
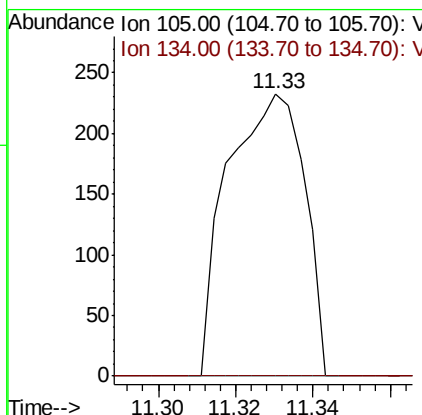
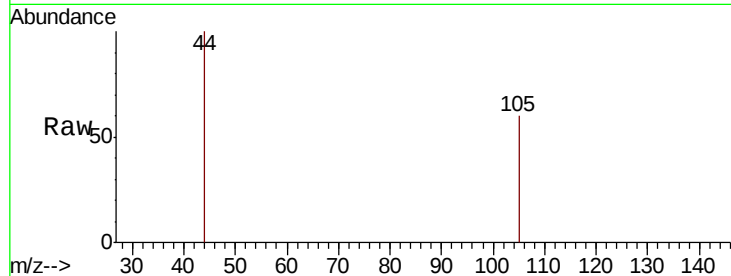




#85
 sec-Butylbenzene
 Concen: 0.352 ug/l
 RT: 11.33 min Scan# 3159
 Delta R.T. 0.01 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

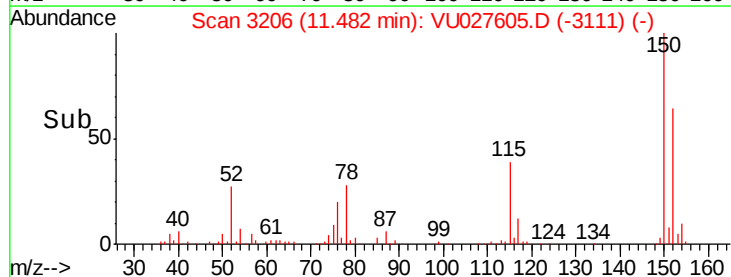
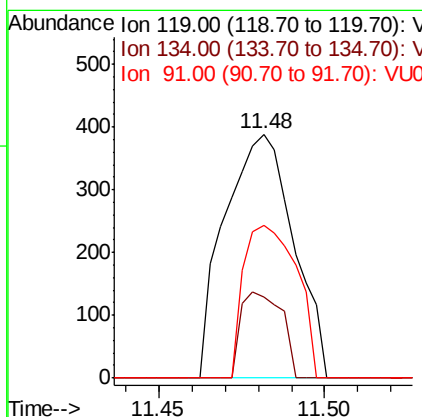
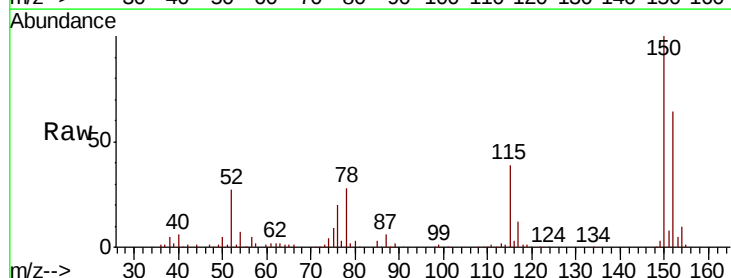
Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

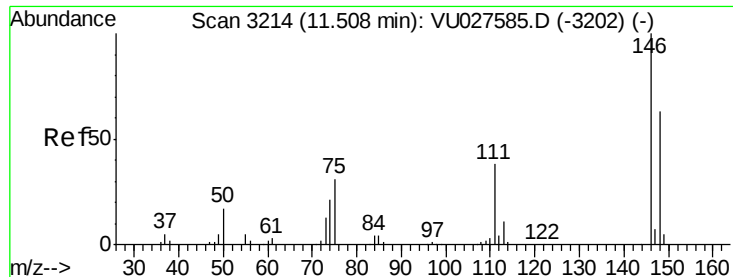
Tgt Ion:105 Resp: 321
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.597 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.01 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion:119 Resp: 561
 Ion Ratio Lower Upper
 119 100
 134 21.0 12.7 38.1
 91 48.3 12.2 36.4#





#88

1,4-Dichlorobenzene

Concen: 0.211 ug/l

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

RBR200035

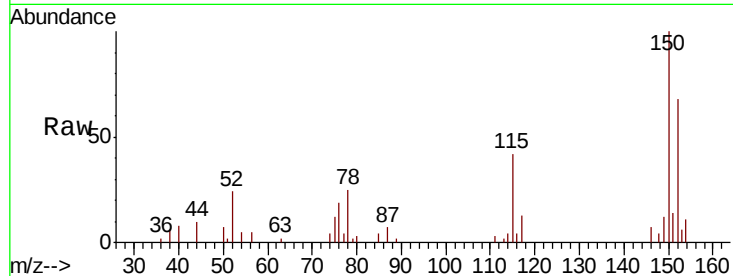
Tgt Ion:146 Resp: 510

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.2#

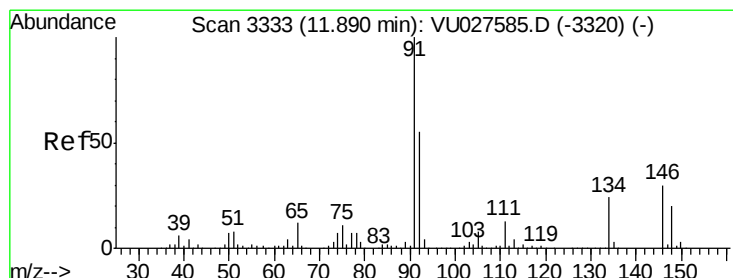
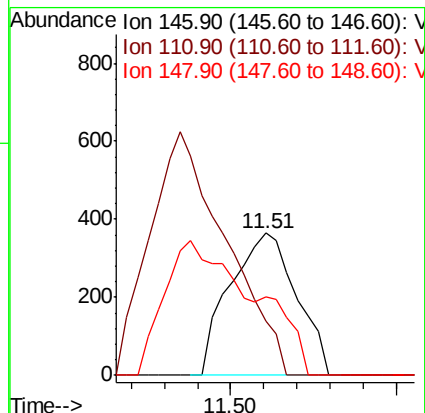
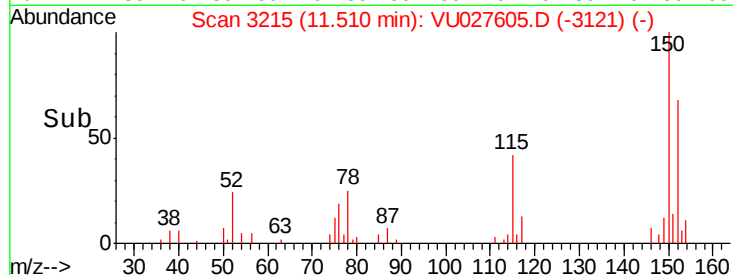
148 0.0 31.9 95.5#



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



#89

n-Butylbenzene

Concen: 1.714 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

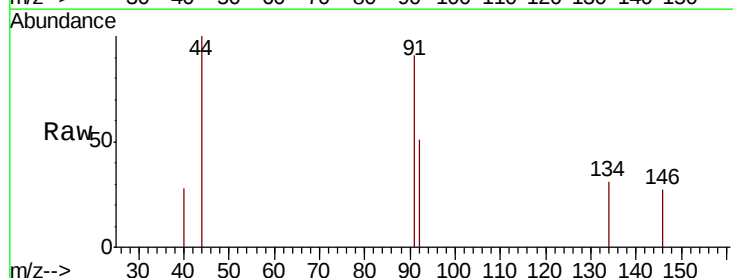
Tgt Ion: 91 Resp: 715

Ion Ratio Lower Upper

91 100

92 38.0 27.0 81.0

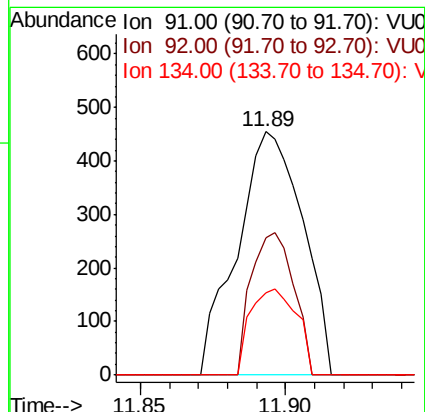
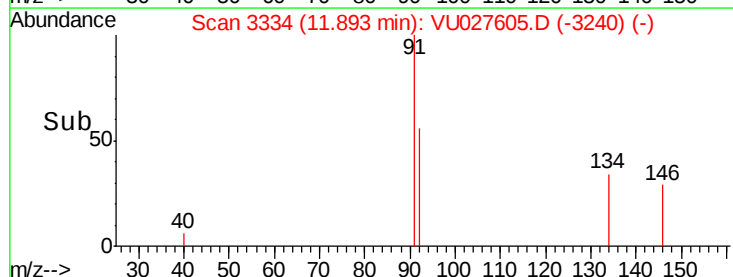
134 24.8 11.7 35.1

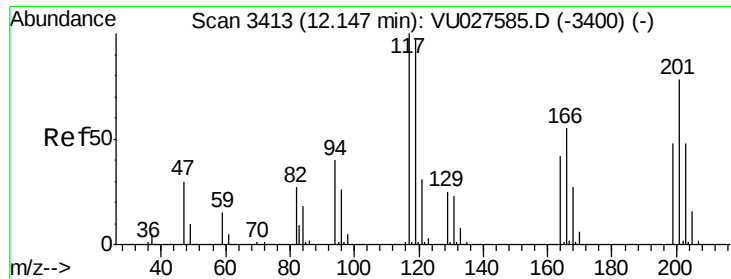


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.223 ug/l

RT: 12.29 min Scan# 3458

Delta R.T. 0.14 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

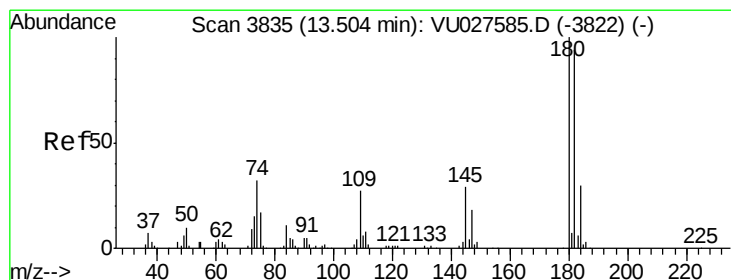
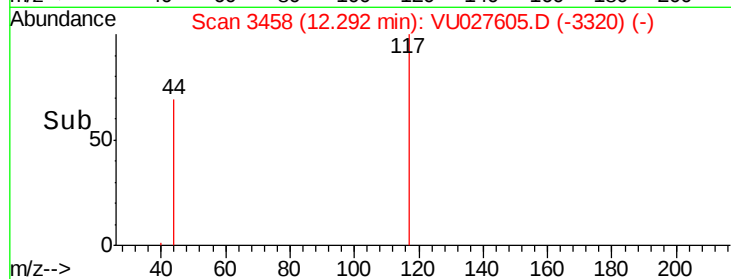
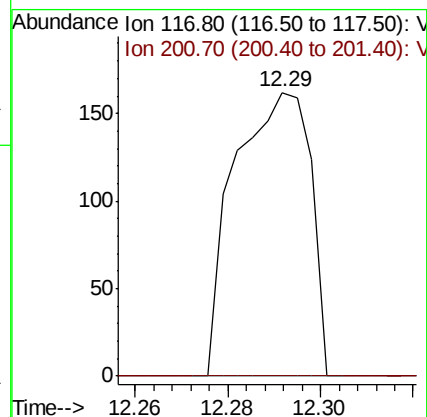
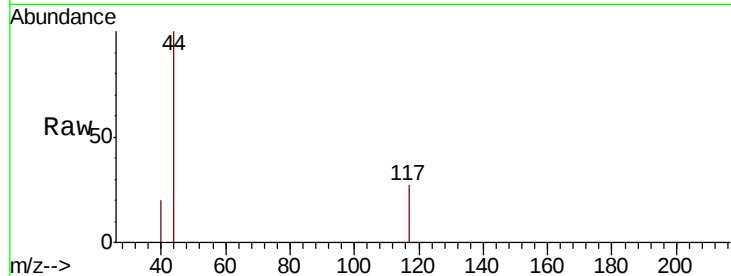
RBR200035

Tgt Ion:117 Resp: 185

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#



#93

1,2,4-Trichlorobenzene

Concen: 1.920 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. -0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

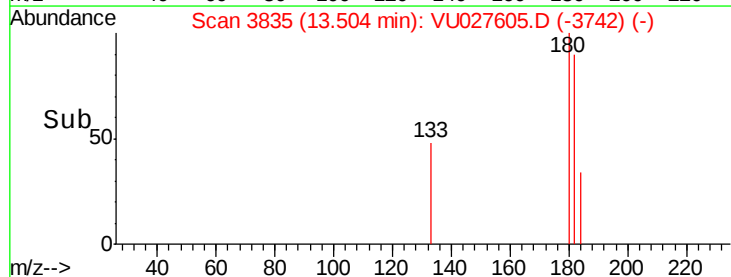
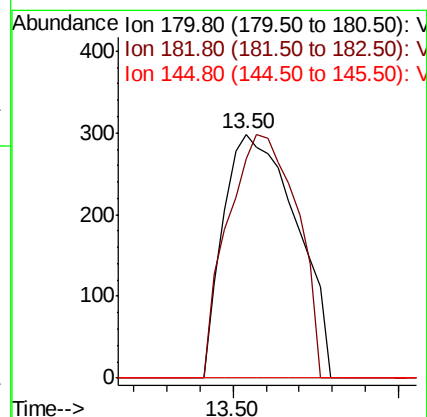
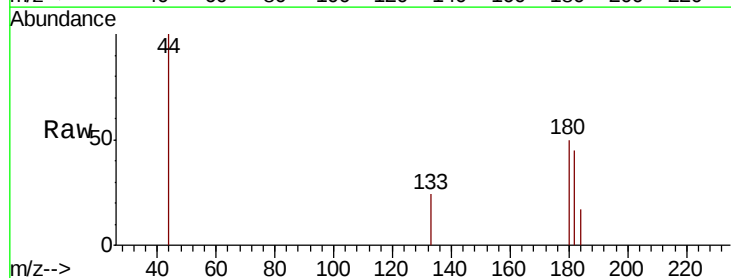
Tgt Ion:180 Resp: 456

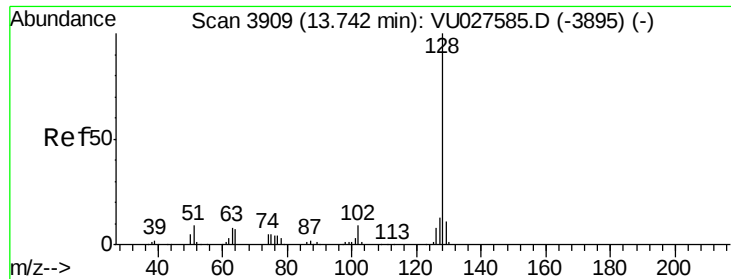
Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 0.0 14.6 44.0#

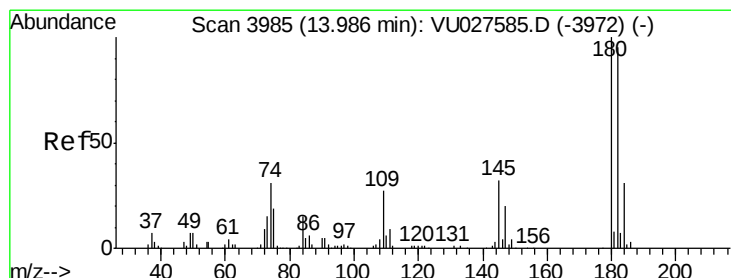
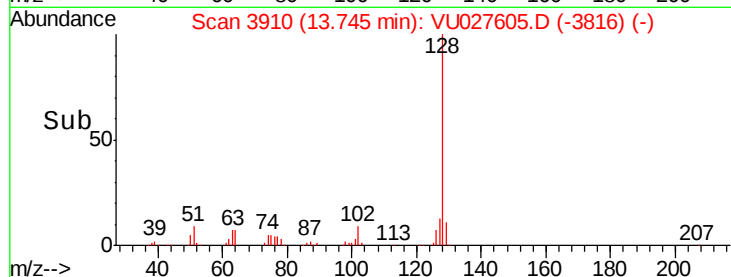
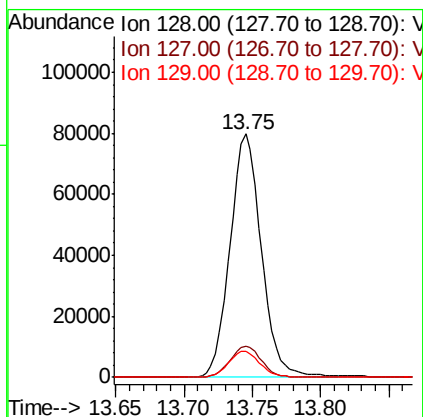
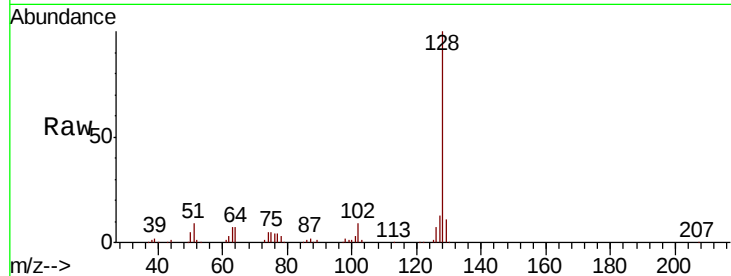




#95
Naphthalene
Concen: 23.802 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

Tgt Ion:128 Resp: 127469
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.283 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion:180 Resp: 428
Ion Ratio Lower Upper
180 100
182 90.7 47.4 142.2
145 0.0 15.9 47.7#

