

Data File : VU027536.D
Acq On : 09 Oct 2018 21:08
Operator : MD/SY
Sample : J5303-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EB07-20181004

Quant Time: Oct 10 06:00:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	117248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	201498	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	100677	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	4.89	113	69725	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	7.57	98	256482	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	10.31	95	79852	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	

Target Compounds

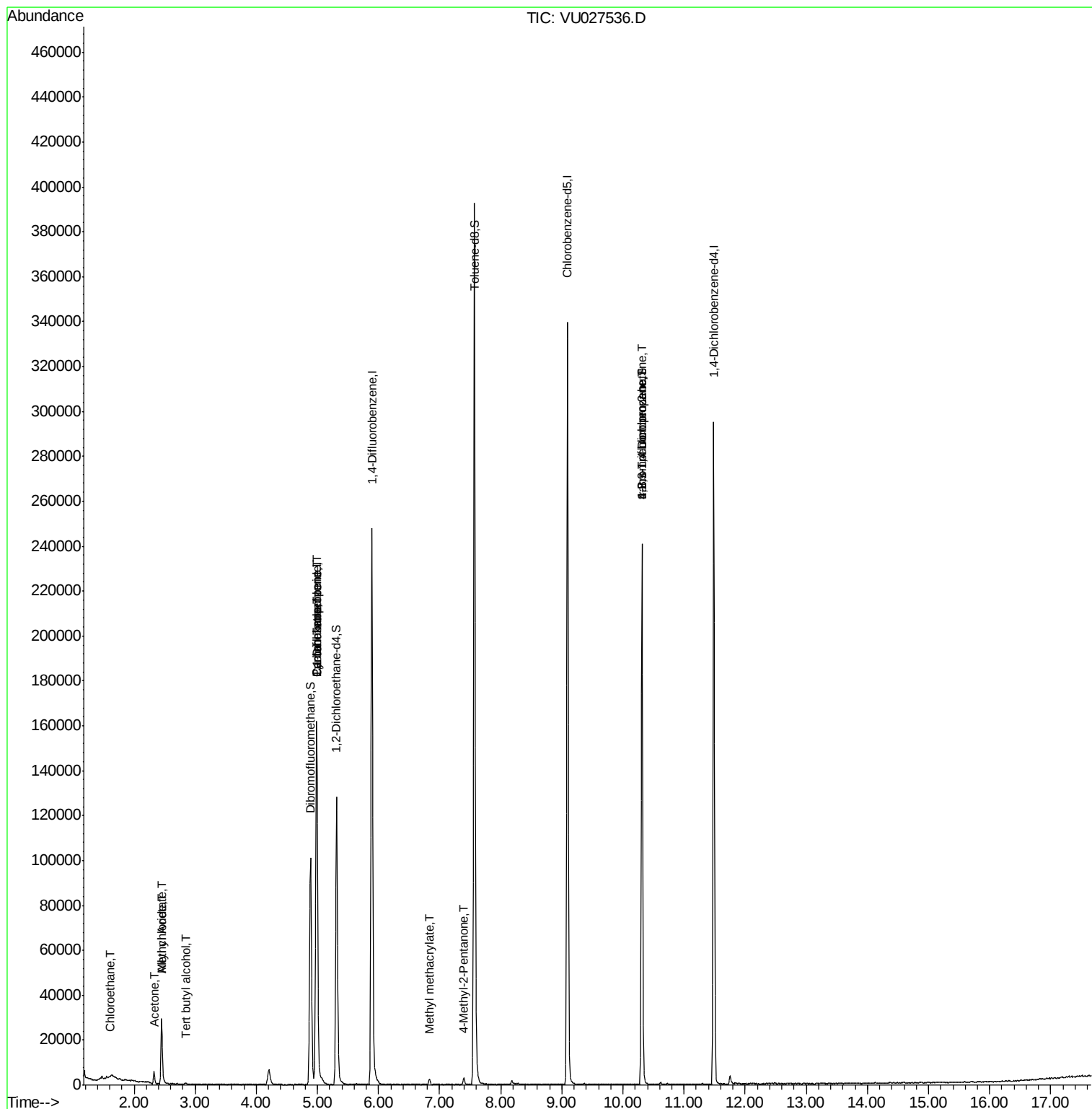
						Qvalue
6) Chloroethane	1.59	64	951	0.736	ug/l #	44
11) Tert butyl alcohol	2.84	59	690	1.674	ug/l #	72
14) Allyl chloride	2.45	41	2995	1.018	ug/l #	71
16) Acetone	2.33	43	5864	5.070	ug/l	95
18) Methyl Acetate	2.45	43	7879	2.986	ug/l #	56
31) Cyclohexane	4.98	56	2743	0.639	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10717	4.899	ug/l #	50
38) Carbon Tetrachloride	4.99	117	12162	6.154	ug/l #	18
48) Methyl methacrylate	6.83	41	521	0.239	ug/l #	42
51) 4-Methyl-2-Pentanone	7.40	43	1667	0.584	ug/l #	38
76) 1,2,3-Trichloropropane	10.31	75	42787	22.928	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	42787	60.006	ug/l #	100

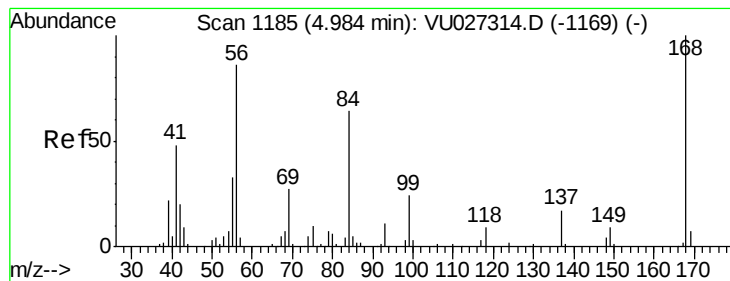
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027536.D

Acq: 09 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

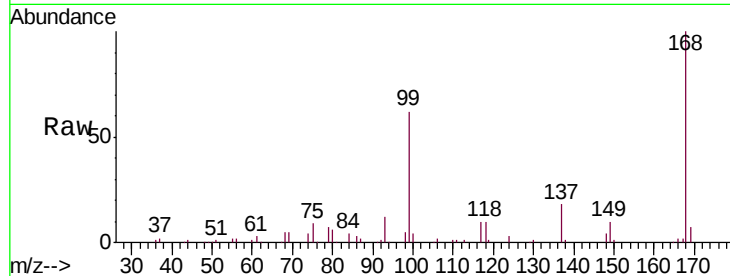
EB07-20181004

Tgt Ion:168 Resp: 117248

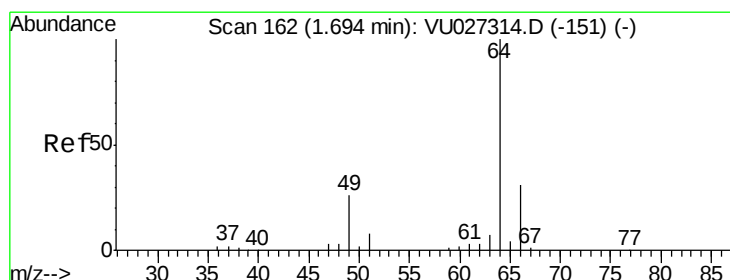
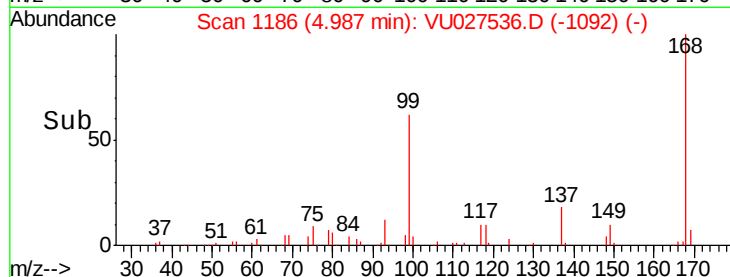
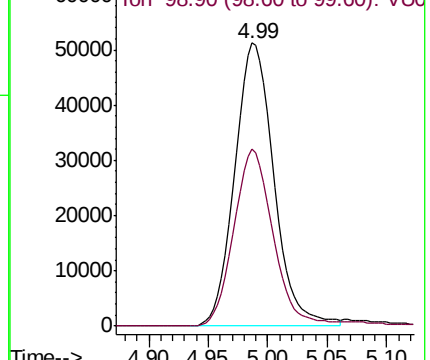
Ion Ratio Lower Upper

168 100

99 62.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)



#6

Chloroethane

Concen: 0.736 ug/l

RT: 1.59 min Scan# 131

Delta R.T. -0.10 min

Lab File: VU027536.D

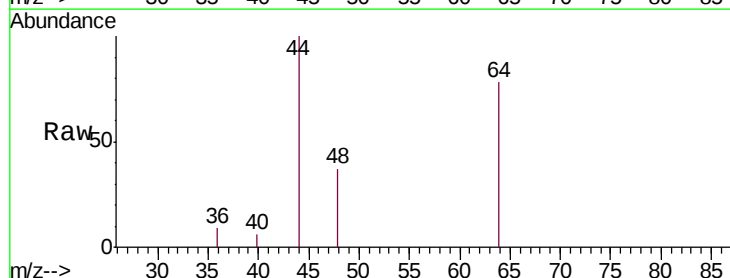
Acq: 09 Oct 2018 21:08

Tgt Ion: 64 Resp: 951

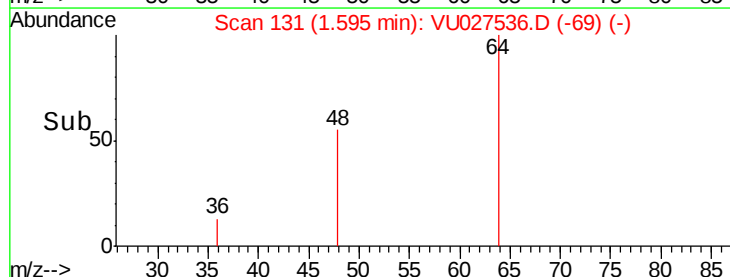
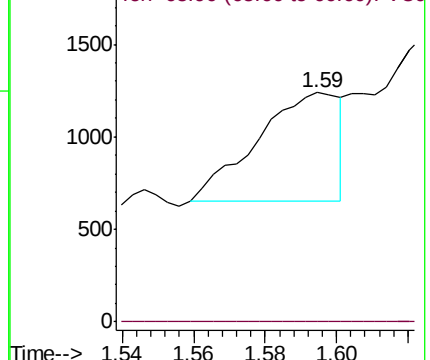
Ion Ratio Lower Upper

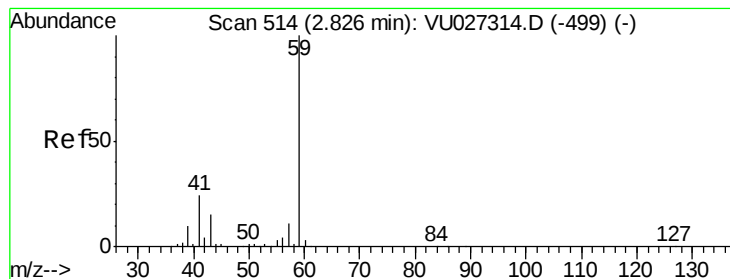
64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)





#11

Tert butyl alcohol

Concen: 1.674 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

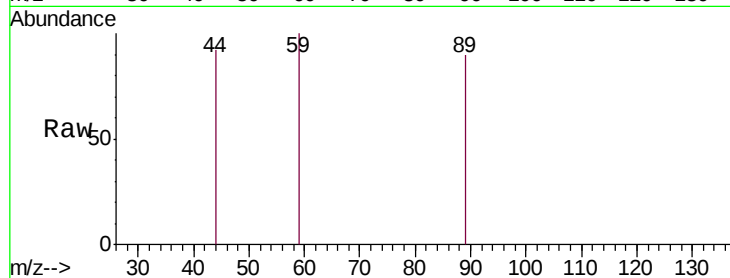
EB07-20181004

Tgt Ion: 59 Resp: 690

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

400

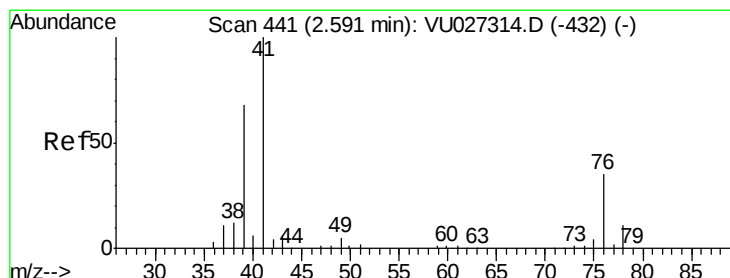
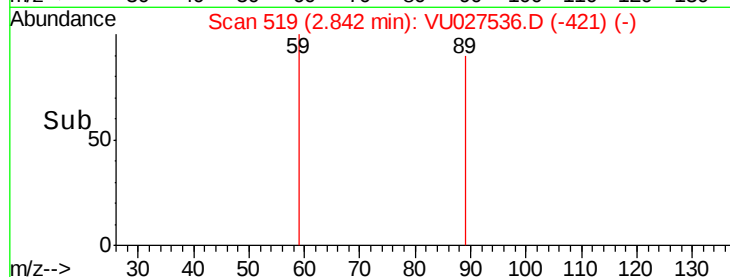
300

200

100

0

Time-->



#14

Allyl chloride

Concen: 1.018 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.14 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

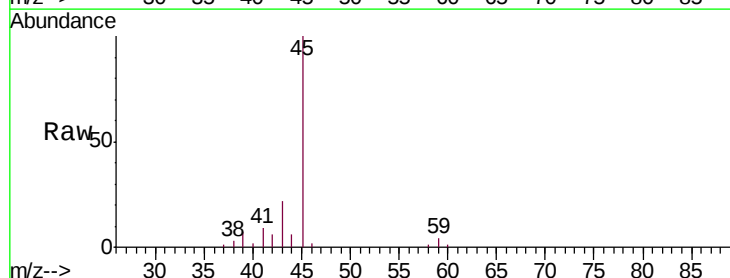
Tgt Ion: 41 Resp: 2995

Ion Ratio Lower Upper

41 100

39 76.0 51.8 77.8

76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2000

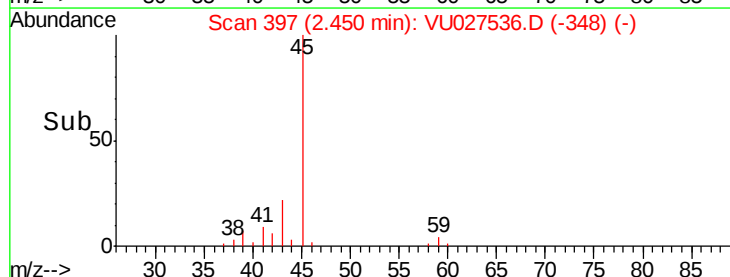
1500

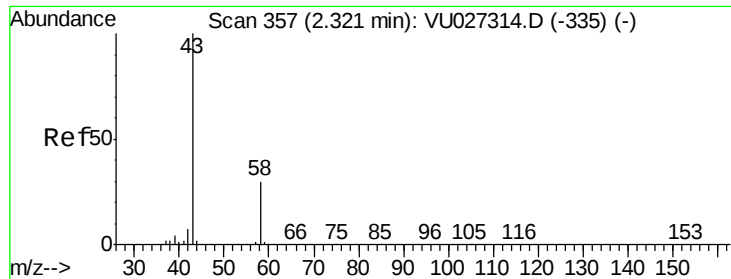
1000

500

0

Time-->





#16

Acetone

Concen: 5.070 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

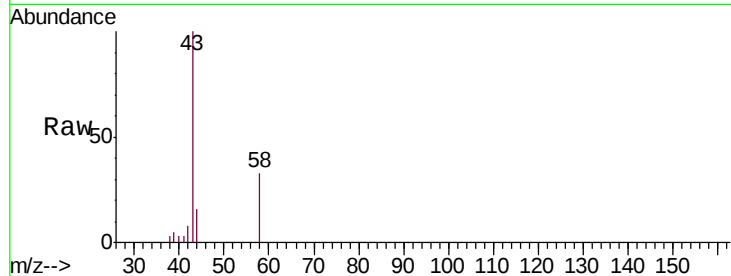
EB07-20181004

Tgt Ion: 43 Resp: 5864

Ion Ratio Lower Upper

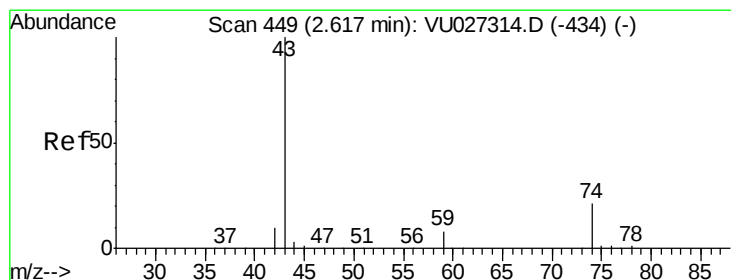
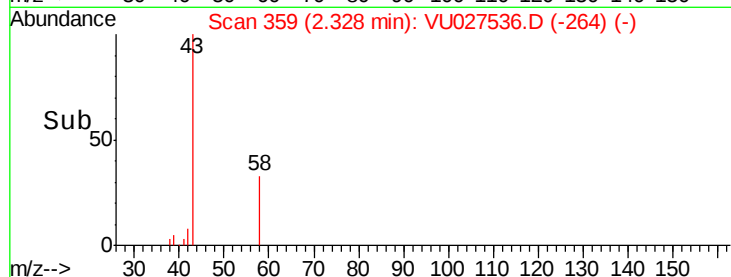
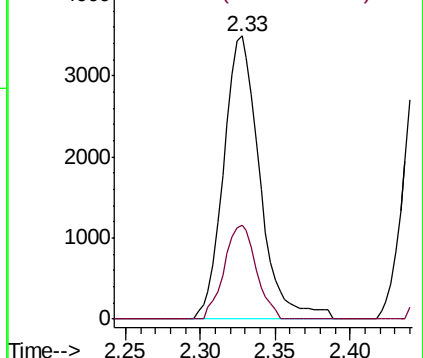
43 100

58 33.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 2.986 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.17 min

Lab File: VU027536.D

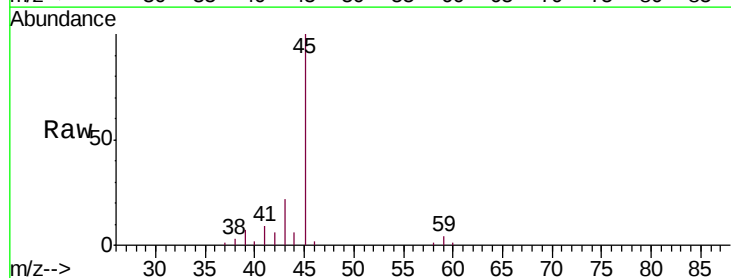
Acq: 09 Oct 2018 21:08

Tgt Ion: 43 Resp: 7879

Ion Ratio Lower Upper

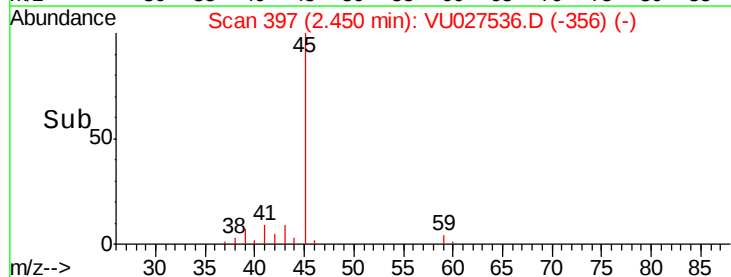
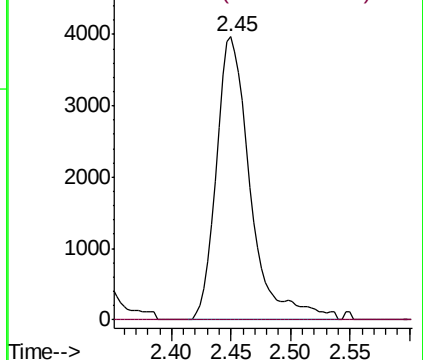
43 100

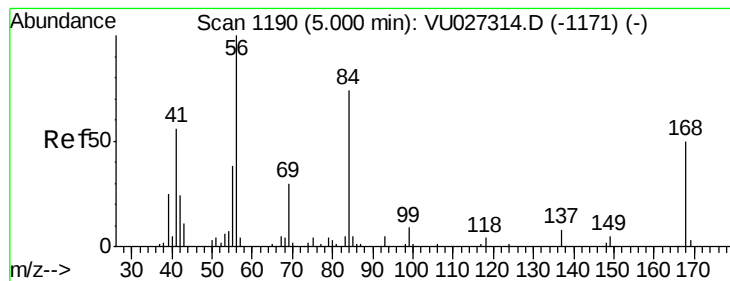
74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#31

Cyclohexane

Concen: 0.639 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

EB07-20181004

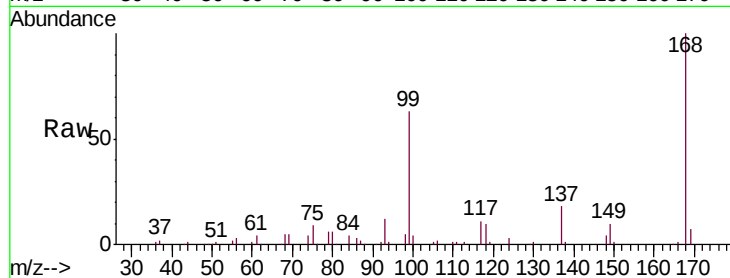
Tgt Ion: 56 Resp: 2743

Ion Ratio Lower Upper

56 100

69 174.2 24.1 36.1#

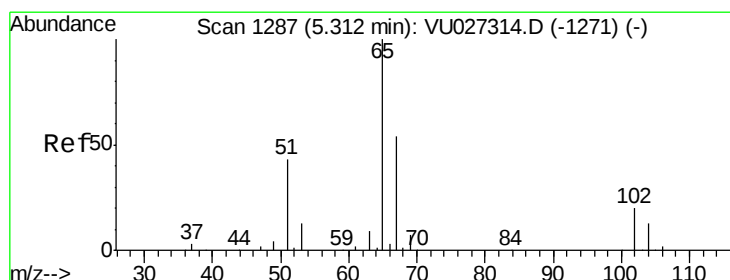
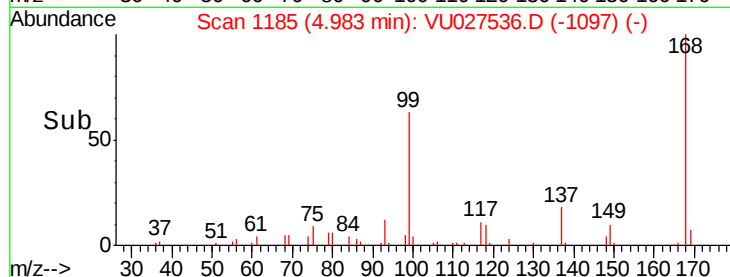
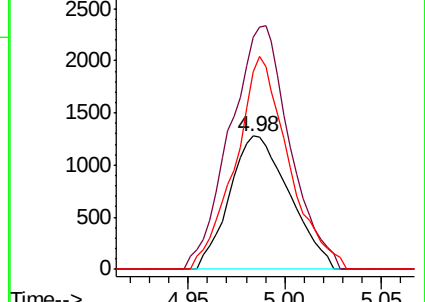
84 148.9 59.1 88.7#



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: 51.423 ug/l

RT: 5.31 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VU027536.D

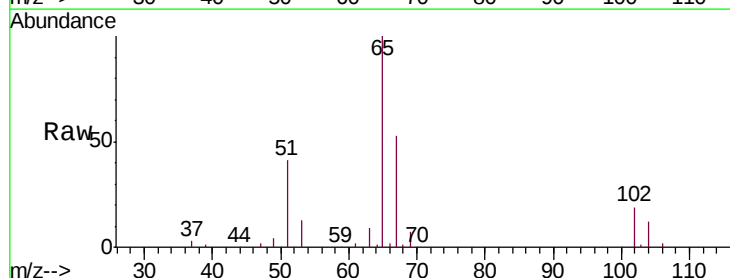
Acq: 09 Oct 2018 21:08

Tgt Ion: 65 Resp: 100677

Ion Ratio Lower Upper

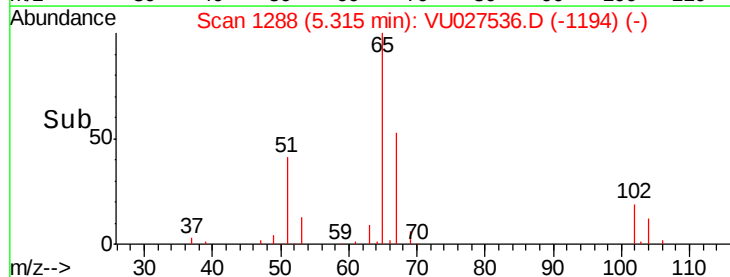
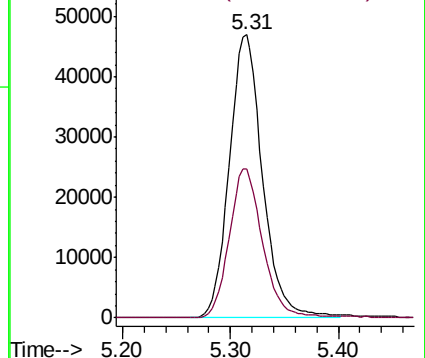
65 100

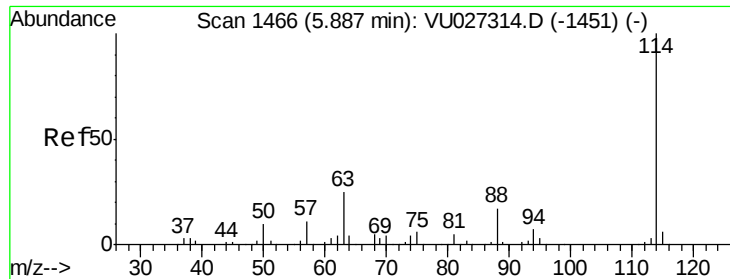
67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

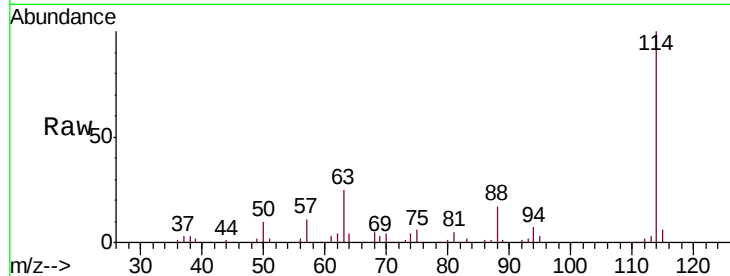




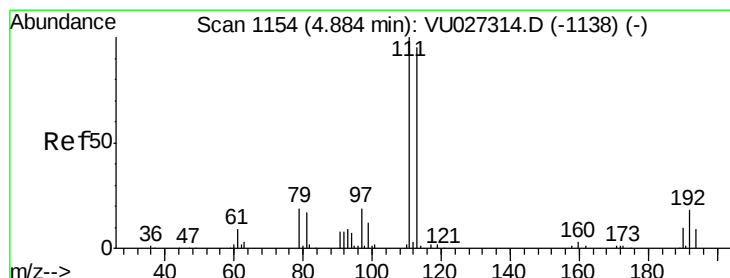
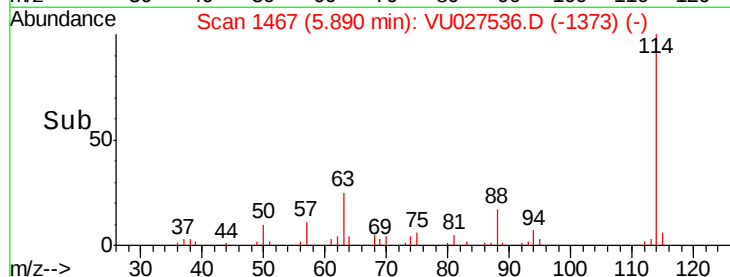
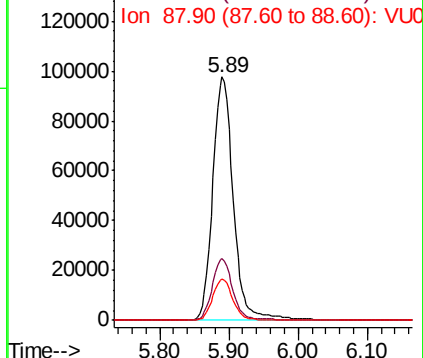
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 EB07-20181004

Tgt Ion:114 Resp: 201498
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.0 0.0 33.8

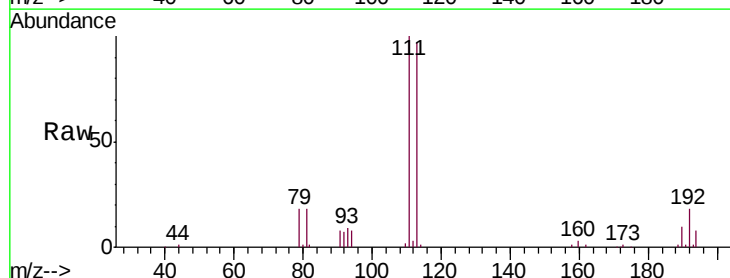


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

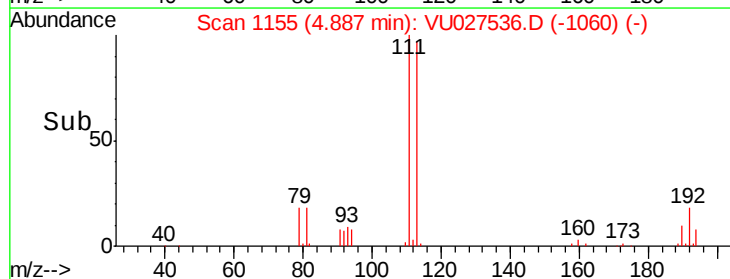
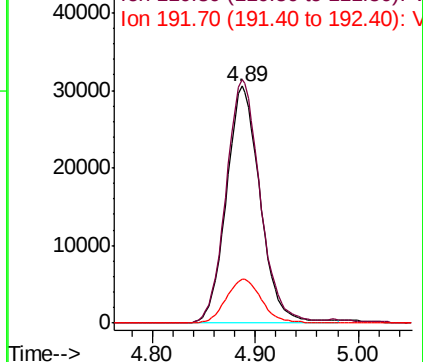


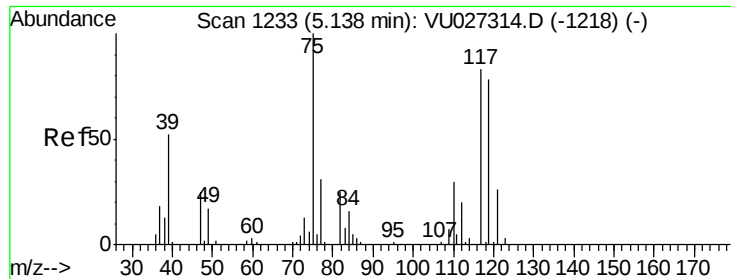
#35
 Dibromofluoromethane
 Concen: 50.491 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

Tgt Ion:113 Resp: 69725
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.1 124.7
 192 19.2 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

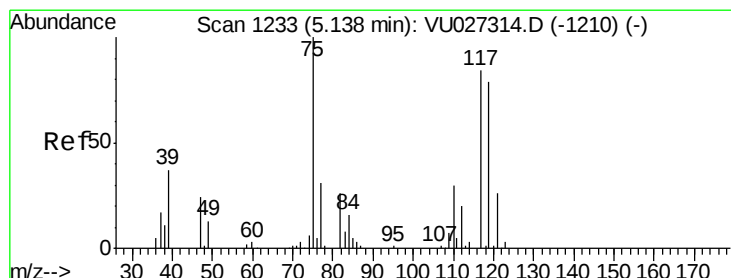
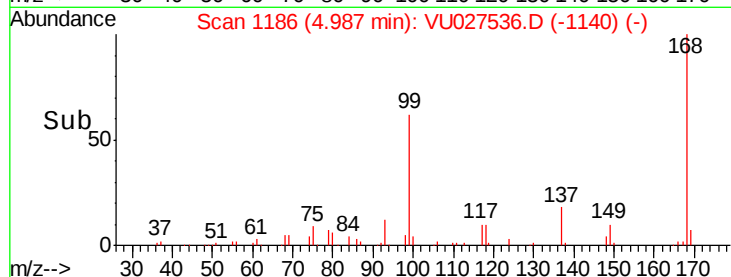
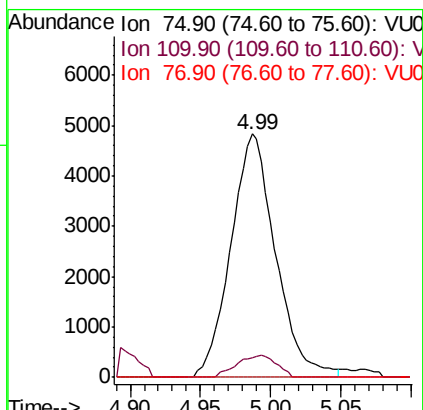
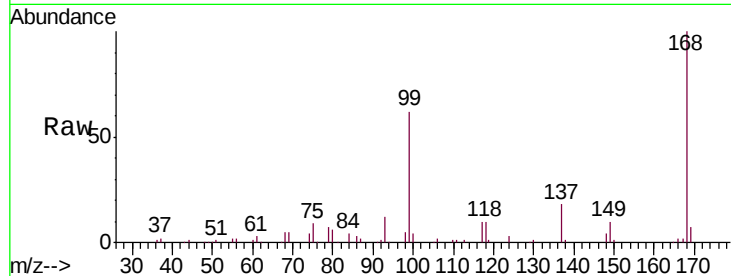




#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

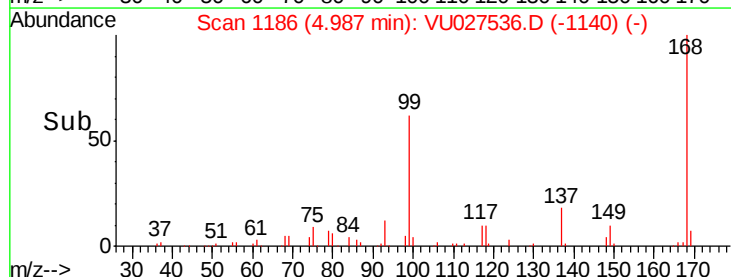
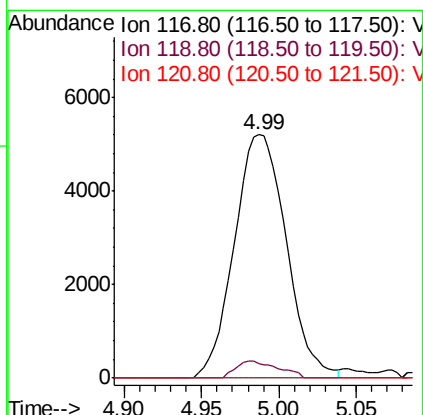
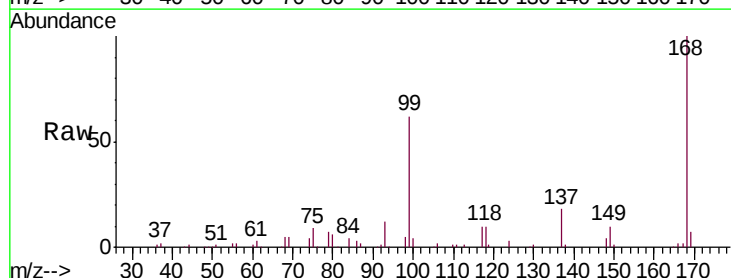
Instrument :
 MSVOA_U
 ClientSampleId :
 EB07-20181004

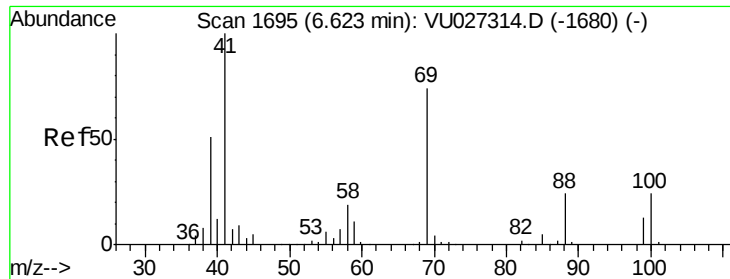
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.5	46.5#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.154 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	74.5	111.7#
121	0.0	24.6	37.0#

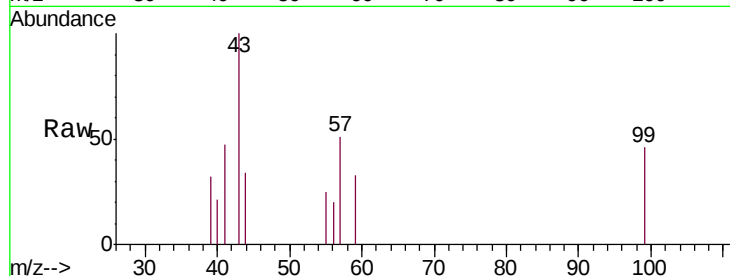




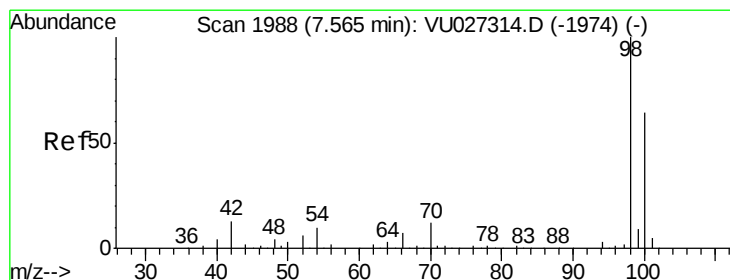
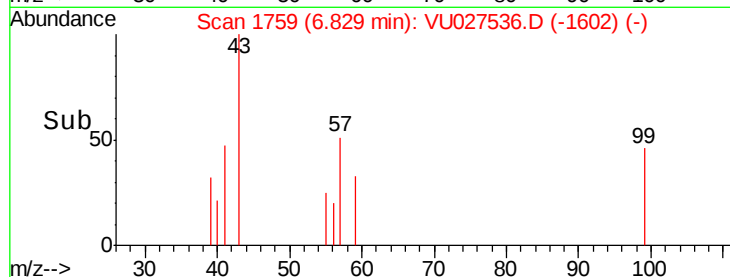
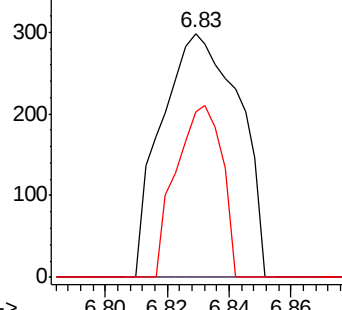
#48
Methyl methacrylate
Concen: 0.239 ug/l
RT: 6.83 min Scan# 1759
Delta R.T. 0.21 min
Lab File: VU027536.D
Acq: 09 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
EB07-20181004

Tgt Ion: 41 Resp: 521
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 41.7 39.9 59.9

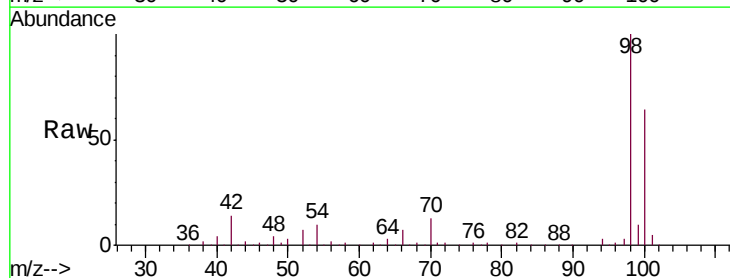


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

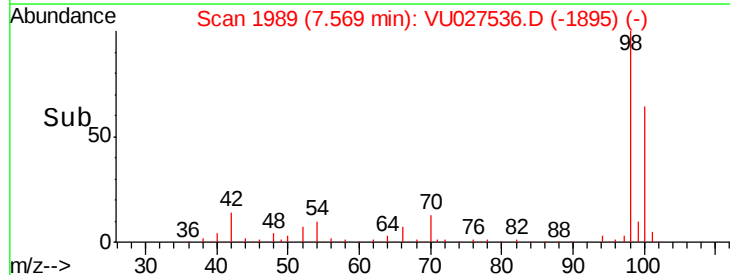
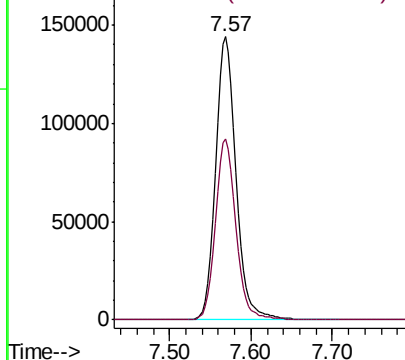


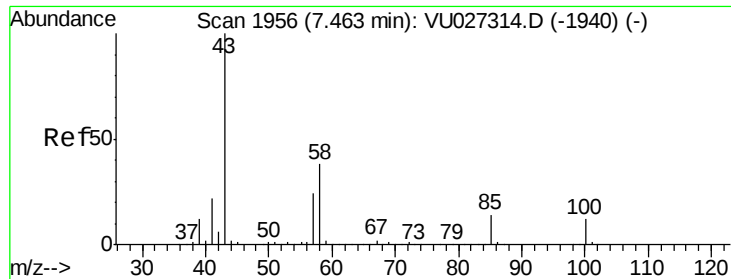
#50
Toluene-d8
Concen: 49.625 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027536.D
Acq: 09 Oct 2018 21:08

Tgt Ion: 98 Resp: 256482
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.584 ug/l

RT: 7.40 min Scan# 1936

Delta R.T. -0.06 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

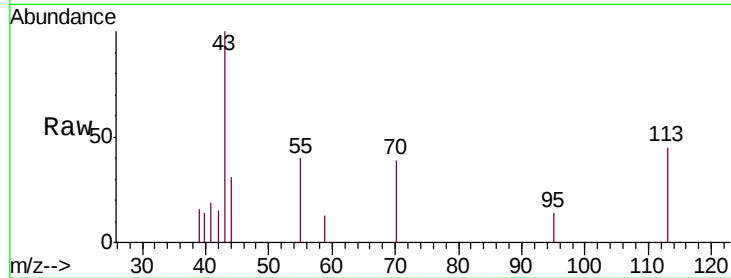
EB07-20181004

Tgt Ion: 43 Resp: 1667

Ion Ratio Lower Upper

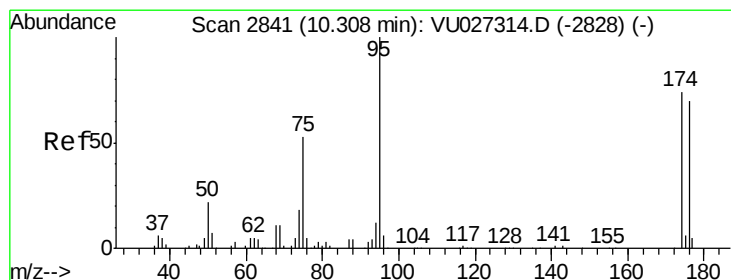
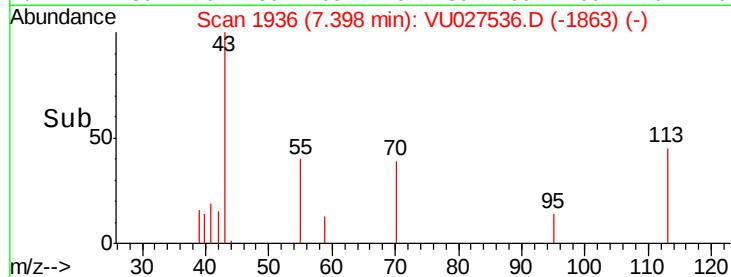
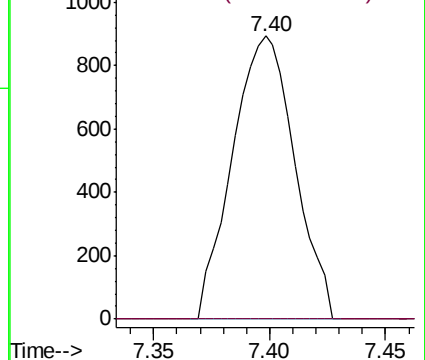
43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 41.573 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027536.D

Acq: 09 Oct 2018 21:08

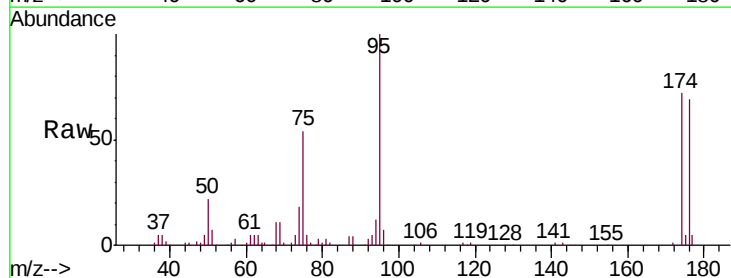
Tgt Ion: 95 Resp: 79852

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.8

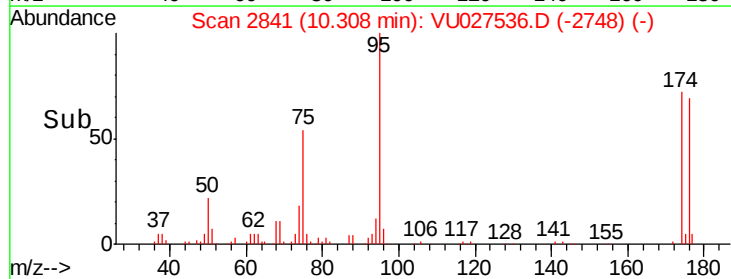
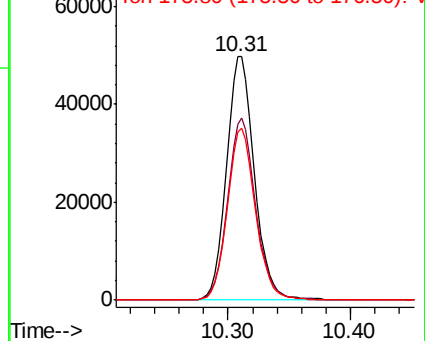
176 70.9 0.0 140.8

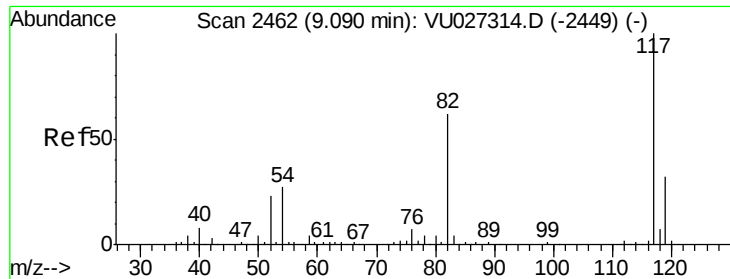


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

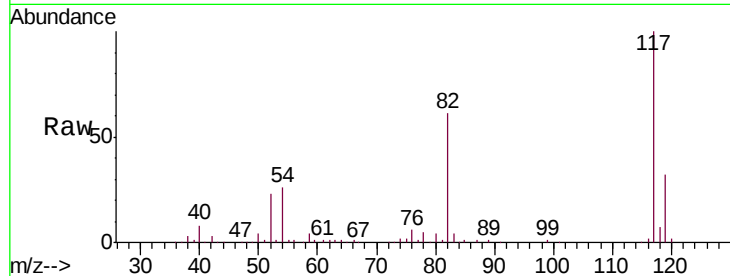




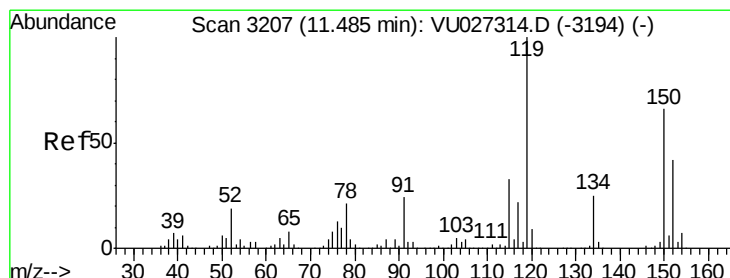
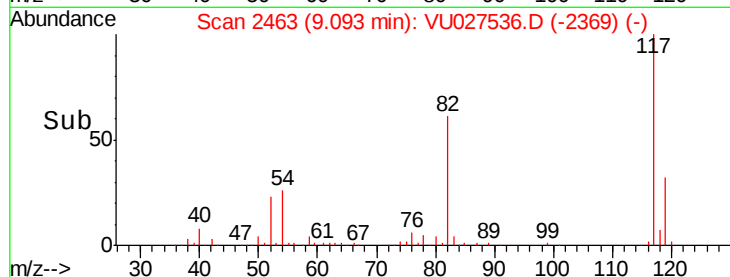
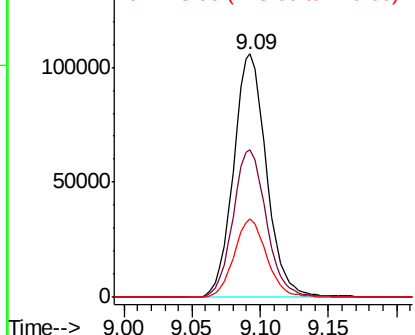
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027536.D
Acq: 09 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
EB07-20181004

Tgt Ion:117 Resp: 177025
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.0 25.7 38.5

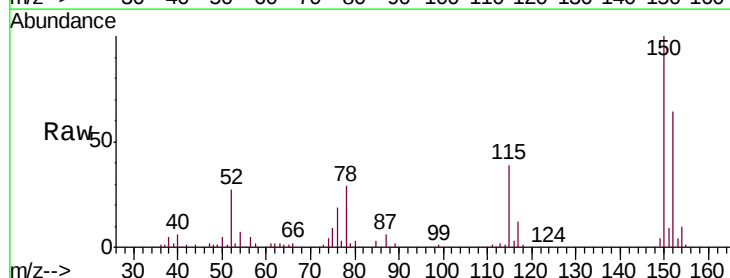


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

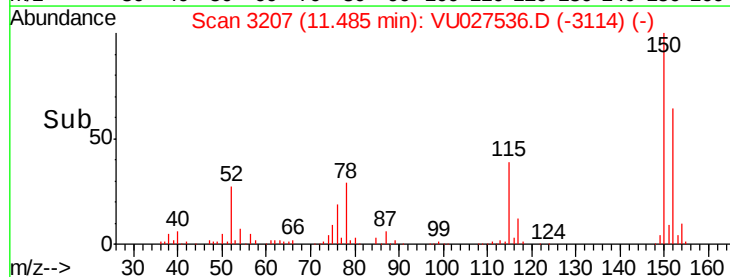
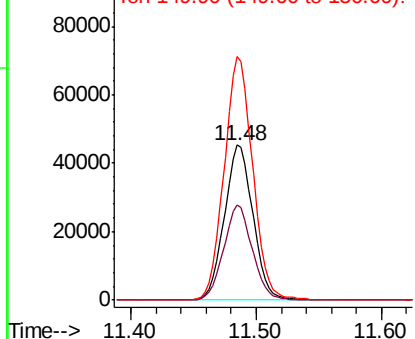


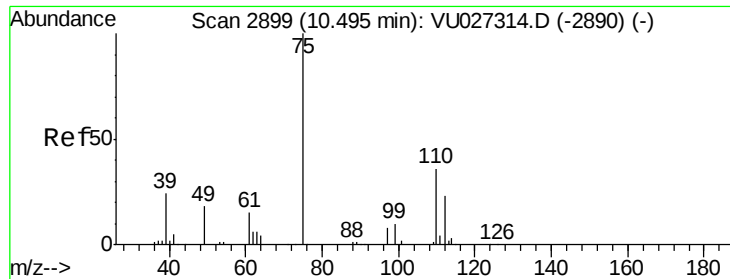
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027536.D
Acq: 09 Oct 2018 21:08

Tgt Ion:152 Resp: 71989
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.2
150 156.8 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

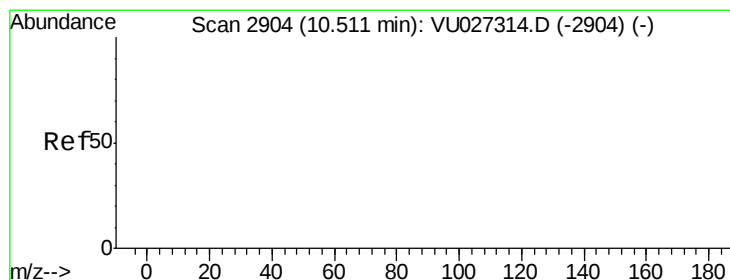
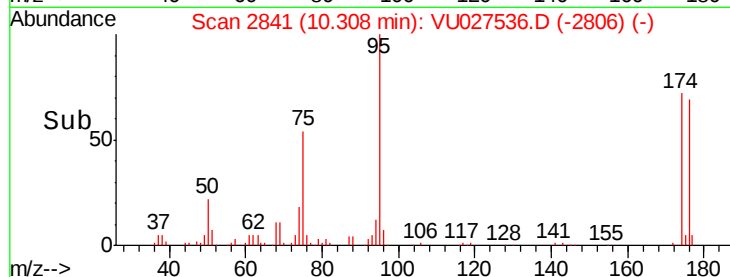
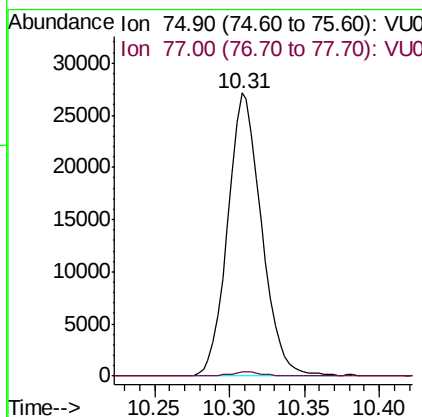
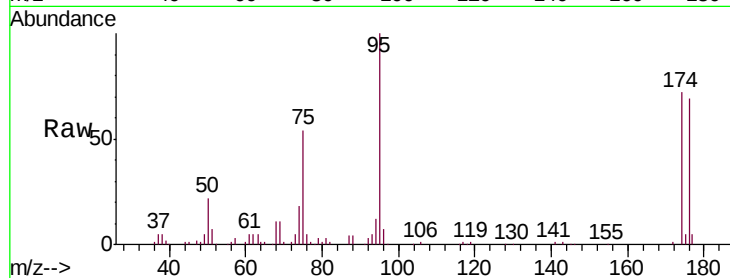




#76
 1,2,3-Trichloropropane
 Concen: 22.928 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 EB07-20181004

Tgt Ion: 75 Resp: 42787
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.006 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027536.D
 Acq: 09 Oct 2018 21:08

Tgt Ion: 75 Resp: 42787
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

