

Data File : VU027533.D
Acq On : 09 Oct 2018 19:58
Operator : MD/SY
Sample : J5303-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-TB03-20181003

Quant Time: Oct 10 05:59:29 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	118111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	200873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	99624	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	4.89	113	69780	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	7.57	98	254757	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	10.31	95	79682	41.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.22%	

Target Compounds

						Qvalue
6) Chloroethane	1.76	64	295	0.227	ug/l #	44
14) Allyl chloride	2.45	41	1416	0.478	ug/l #	60
16) Acetone	2.32	43	2750	2.360	ug/l	95
18) Methyl Acetate	2.45	43	3863	1.453	ug/l #	56
20) Methylene Chloride	2.70	84	545	0.336	ug/l	93
31) Cyclohexane	4.98	56	2925	0.690	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10555	4.839	ug/l #	49
38) Carbon Tetrachloride	4.99	117	11687	5.932	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1230	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43229	23.246	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	43229	60.836	ug/l #	100

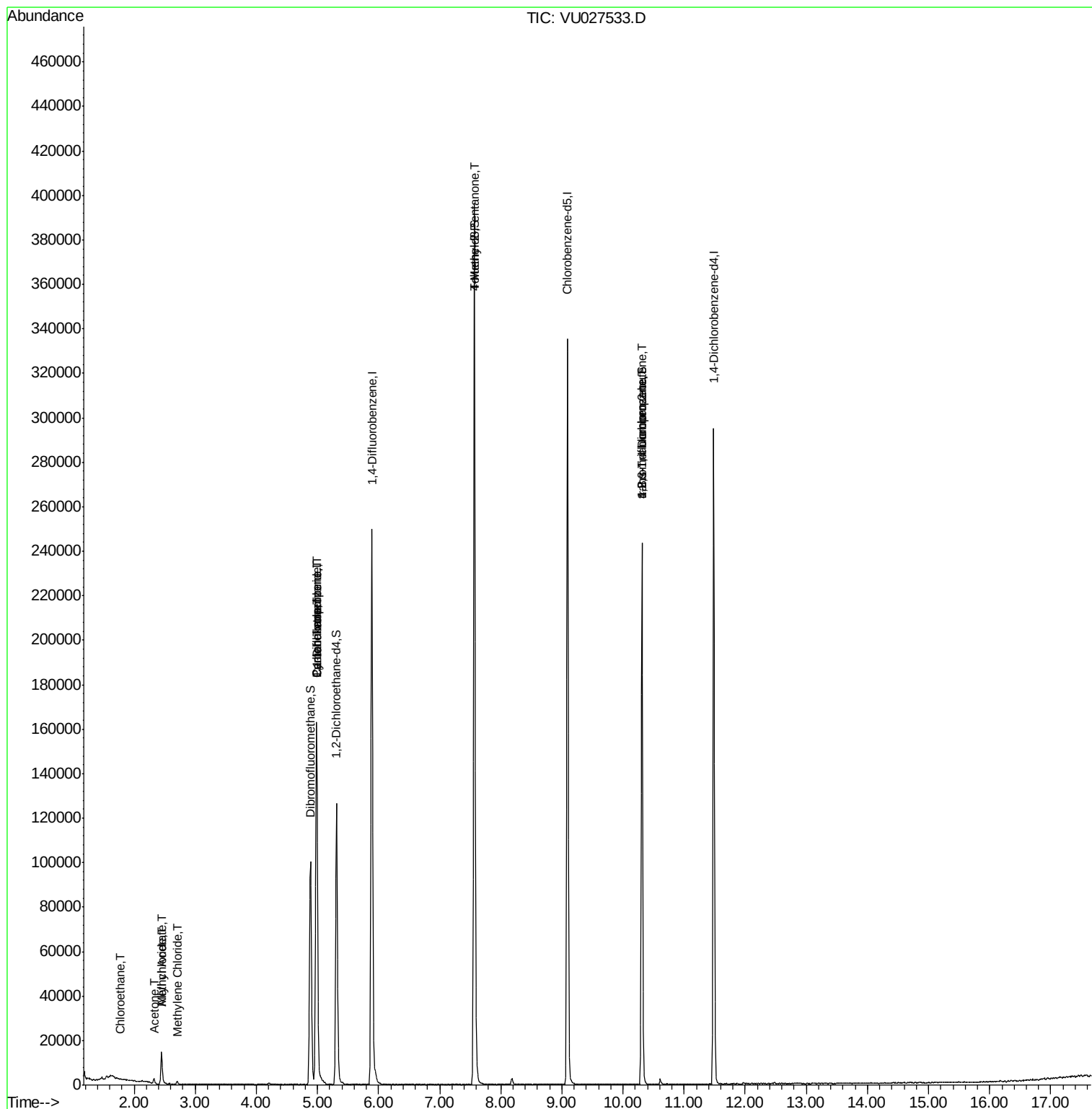
(#) = qualifier out of range (m) = manual integration (+) = signals summed

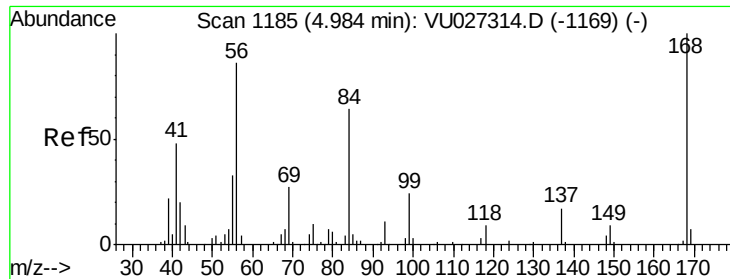
Data File : VU027533.D

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Operator    : MD/SY
Sample      : J5303-01
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027533.D

Acq: 09 Oct 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

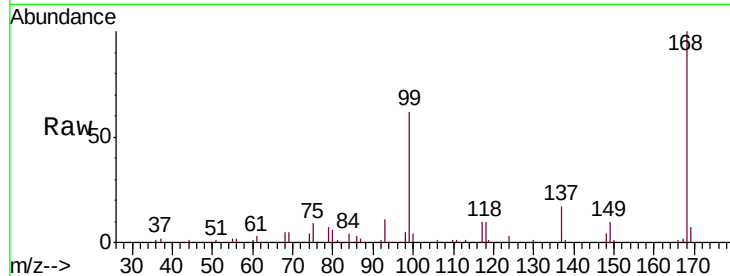
SA-TB03-20181003

Tgt Ion:168 Resp: 118111

Ion Ratio Lower Upper

168 100

99 62.0 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

50000

40000

30000

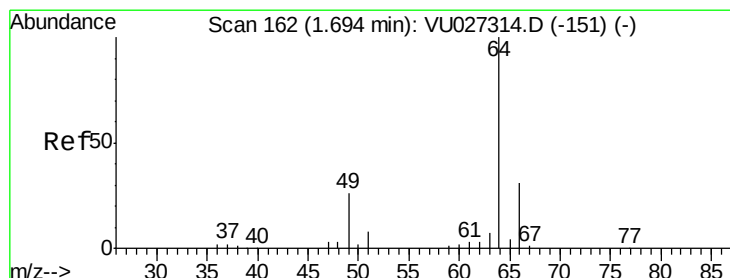
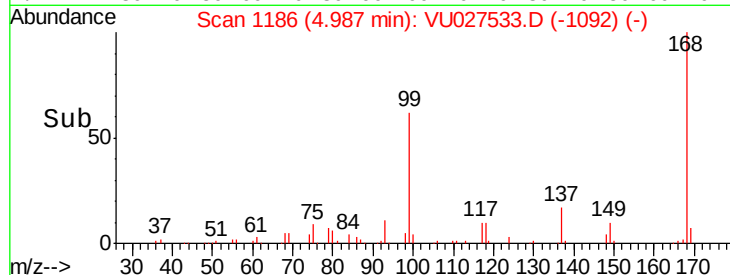
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 0.227 ug/l

RT: 1.76 min Scan# 184

Delta R.T. 0.07 min

Lab File: VU027533.D

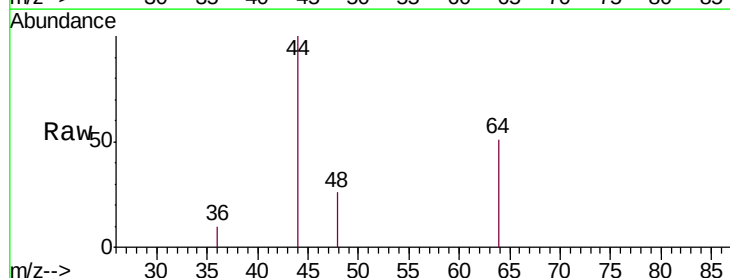
Acq: 09 Oct 2018 19:58

Tgt Ion: 64 Resp: 295

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) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.76

800

600

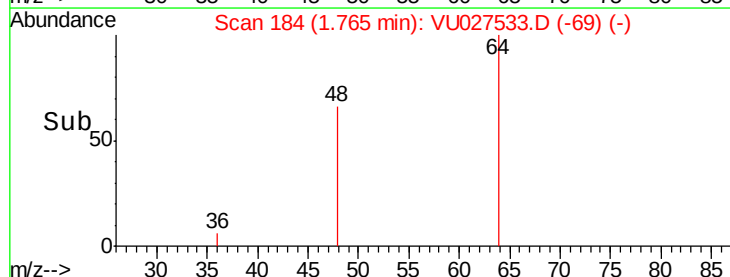
400

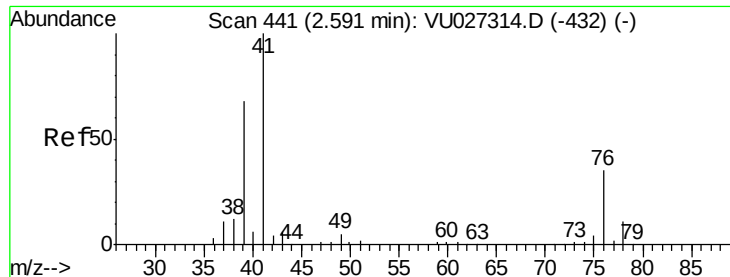
200

0

1.74 1.76 1.78 1.80

Time-->

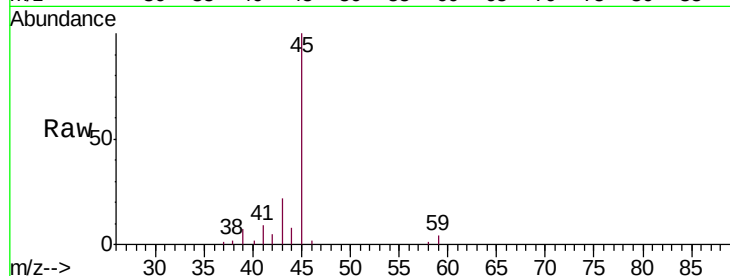




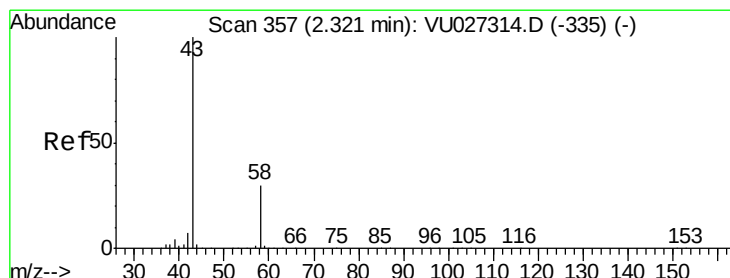
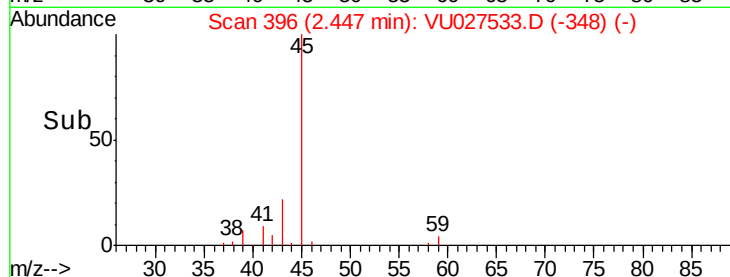
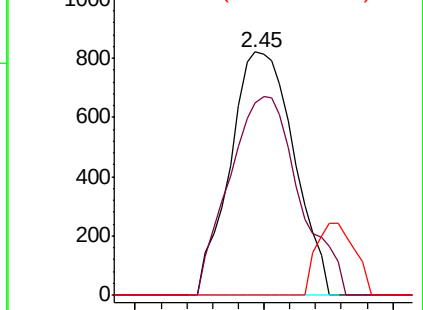
#14
 Allyl chloride
 Concen: 0.478 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TB03-20181003

Tgt Ion: 41 Resp: 1416
 Ion Ratio Lower Upper
 41 100
 39 89.7 51.8 77.8#
 76 0.0 25.9 38.9#

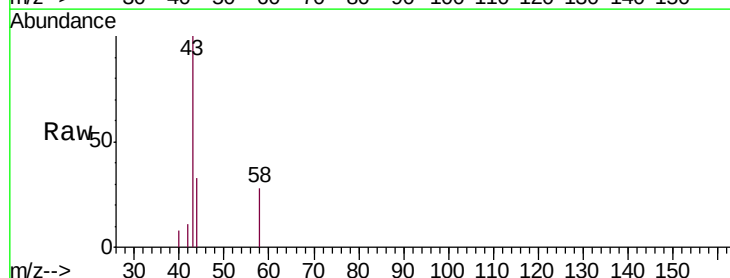


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

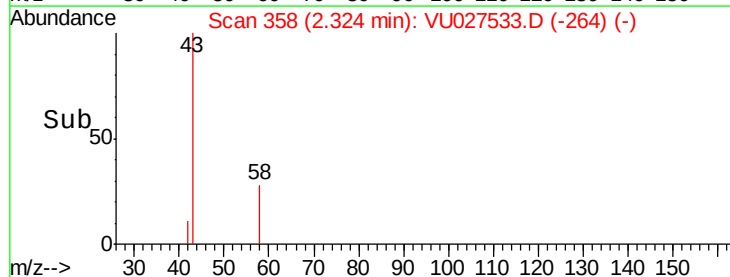
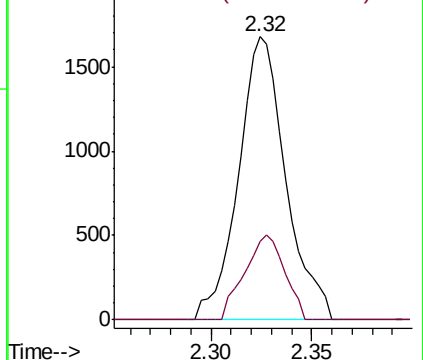


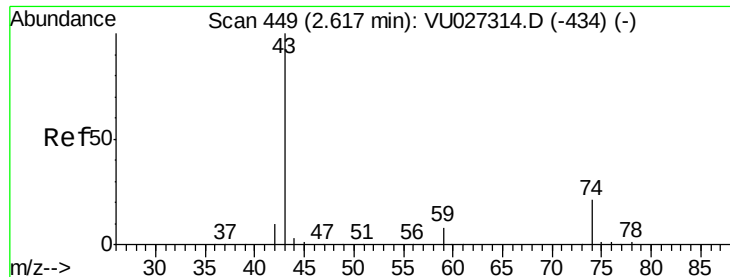
#16
 Acetone
 Concen: 2.360 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Tgt Ion: 43 Resp: 2750
 Ion Ratio Lower Upper
 43 100
 58 27.8 24.2 36.4



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

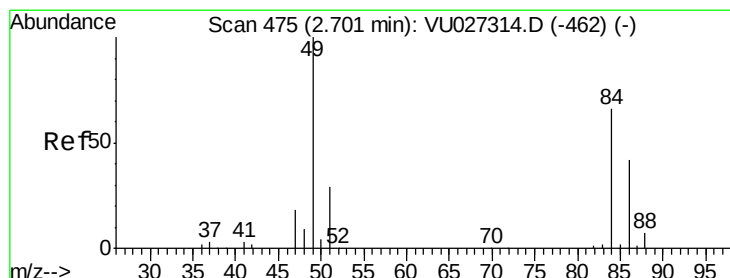
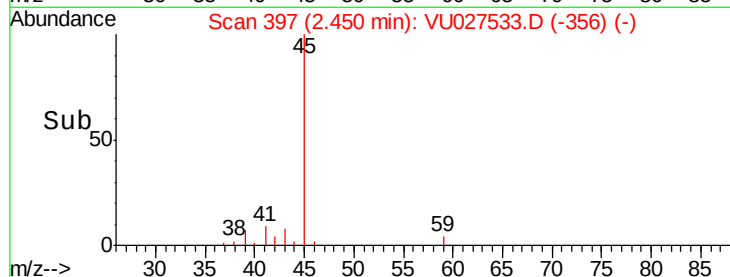
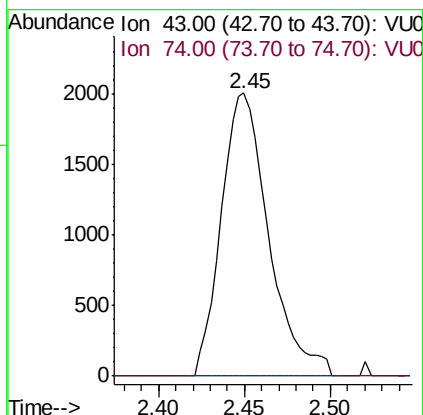
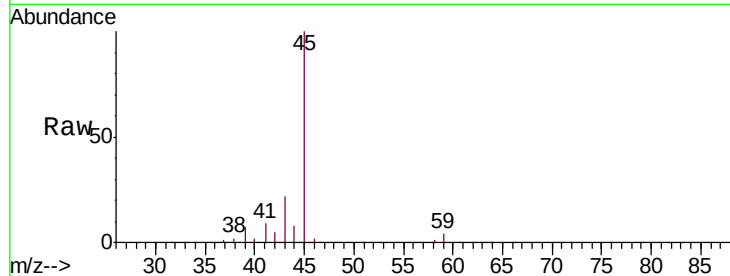




#18
Methyl Acetate
Concen: 1.453 ug/l
RT: 2.45 min Scan# 397
Delta R.T. -0.17 min
Lab File: VU027533.D
Acq: 09 Oct 2018 19:58

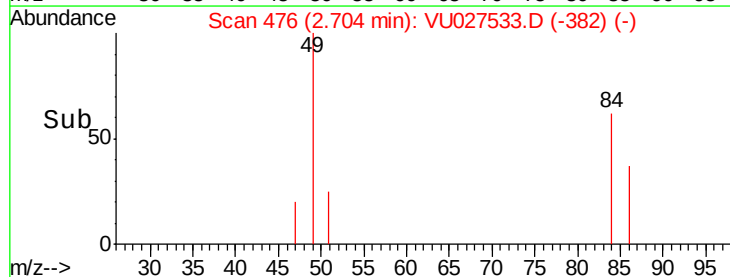
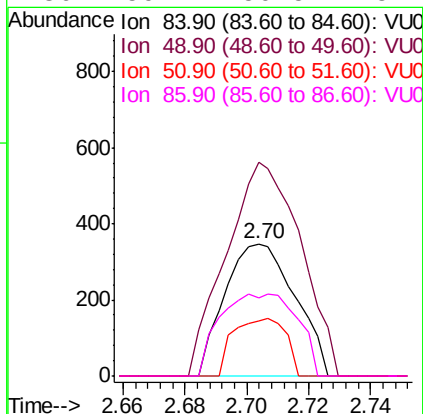
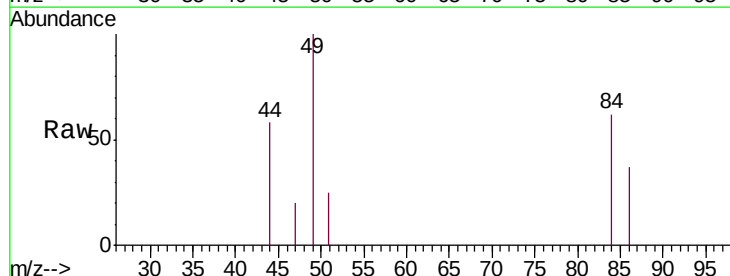
Instrument :
MSVOA_U
ClientSampleId :
SA-TB03-20181003

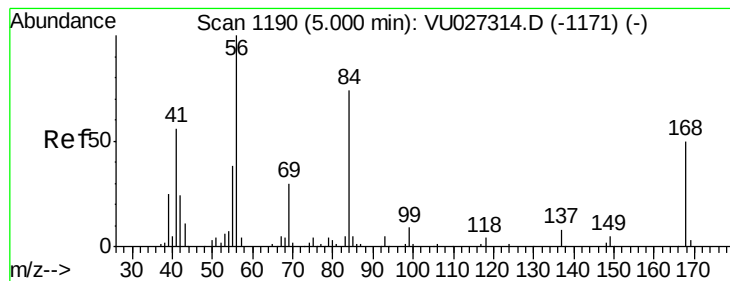
Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027533.D
Acq: 09 Oct 2018 19:58

Tgt Ion: 84 Resp: 545
Ion Ratio Lower Upper
84 100
49 161.7 120.5 180.7
51 41.2 35.1 52.7
86 59.1 50.5 75.7





#31

Cyclohexane

Concen: 0.690 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027533.D

Acq: 09 Oct 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

SA-TB03-20181003

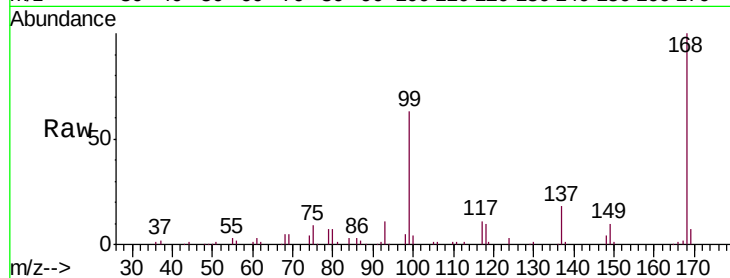
Tgt Ion: 56 Resp: 2925

Ion Ratio Lower Upper

56 100

69 200.0 24.1 36.1#

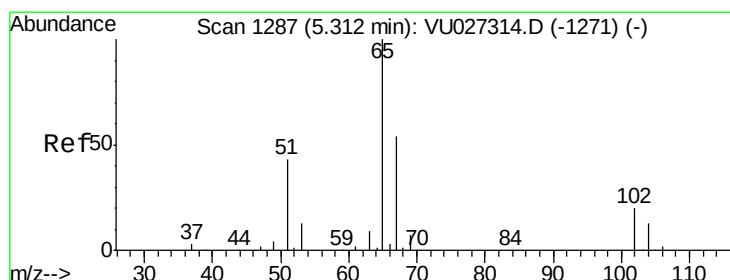
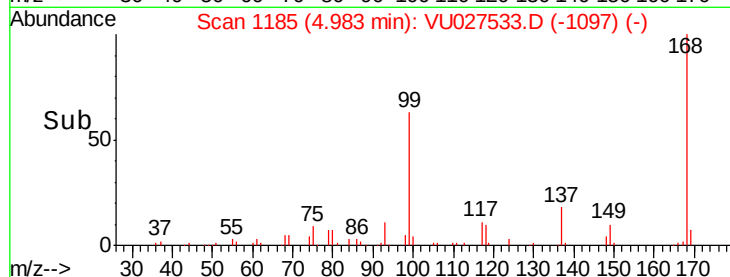
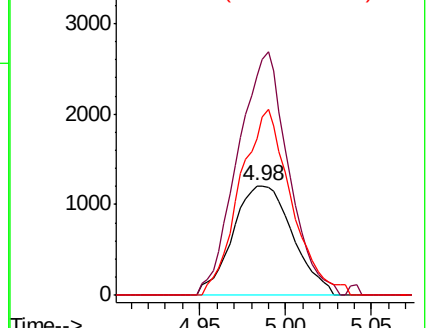
84 142.8 59.1 88.7#



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: 50.513 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027533.D

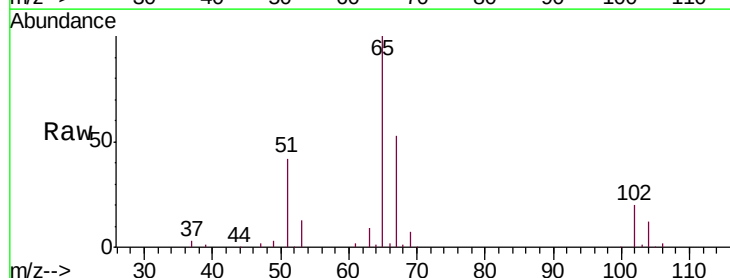
Acq: 09 Oct 2018 19:58

Tgt Ion: 65 Resp: 99624

Ion Ratio Lower Upper

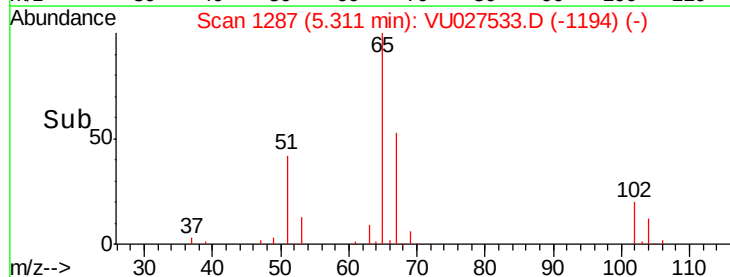
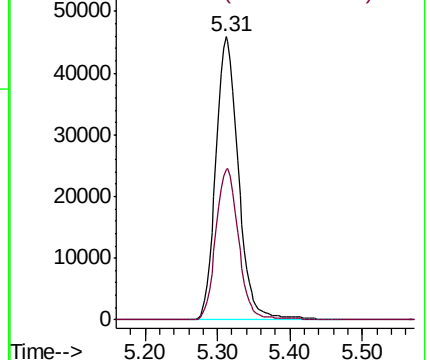
65 100

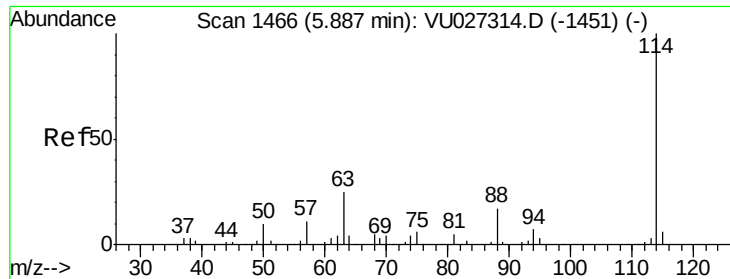
67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

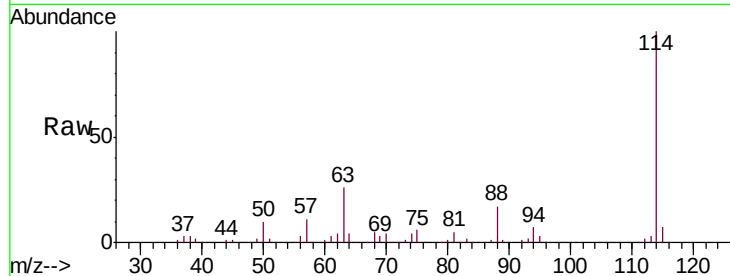




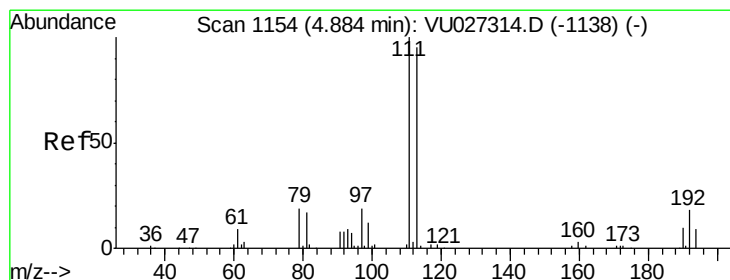
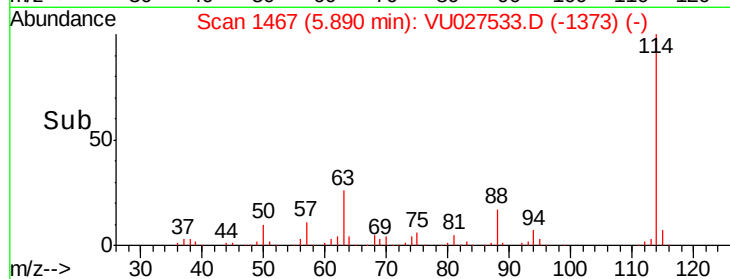
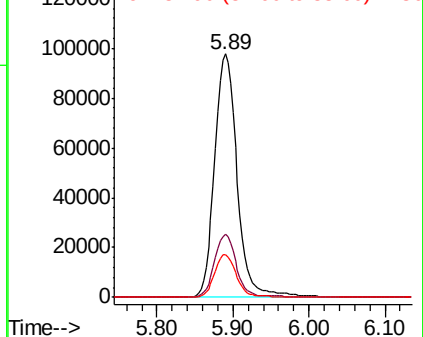
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TB03-20181003

Tgt Ion:114 Resp: 200873
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 50.2
 88 17.5 0.0 33.8

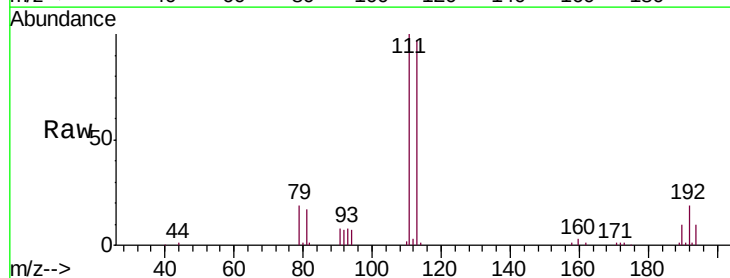


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

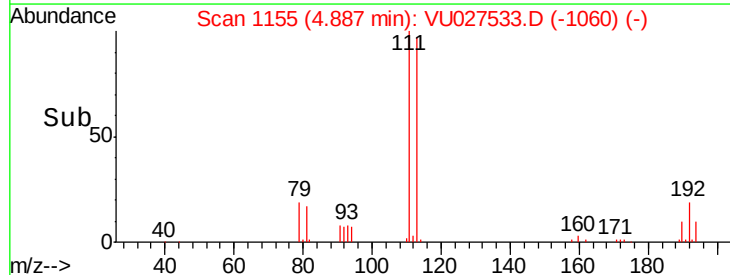
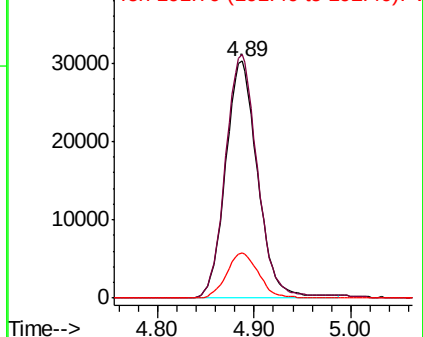


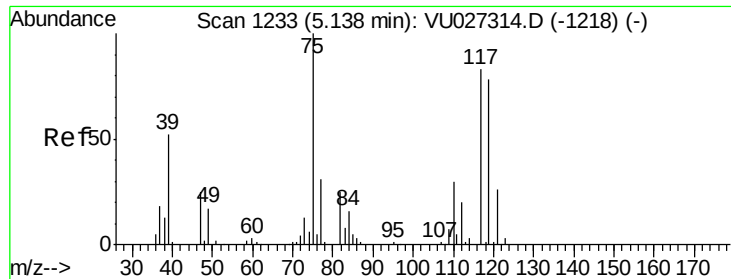
#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Tgt Ion:113 Resp: 69780
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 18.8 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

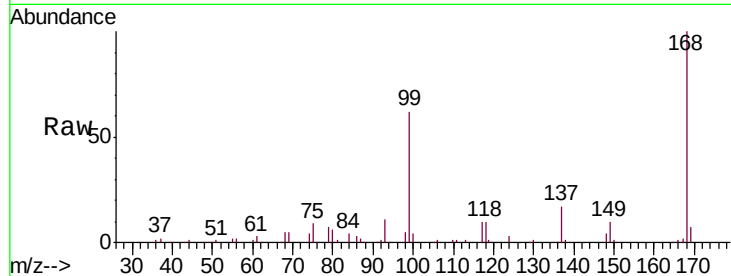




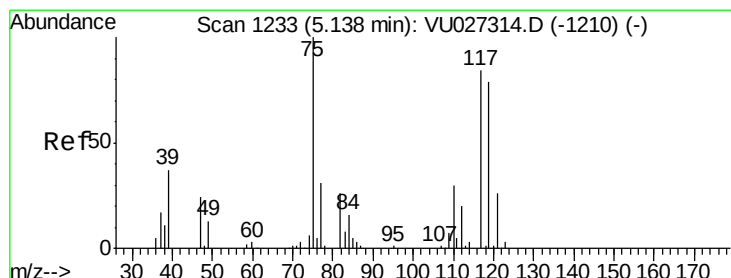
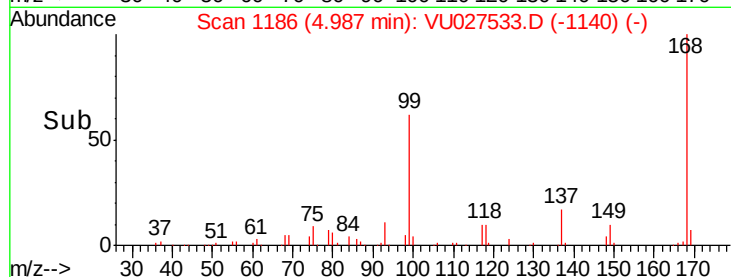
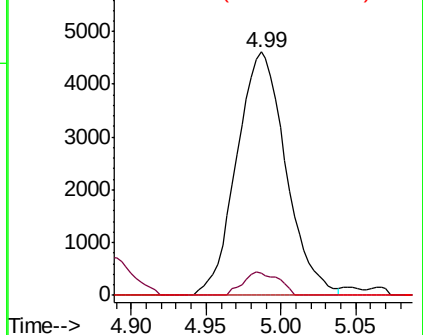
#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TB03-20181003

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.5	46.5#
77	0.0	25.4	38.0#

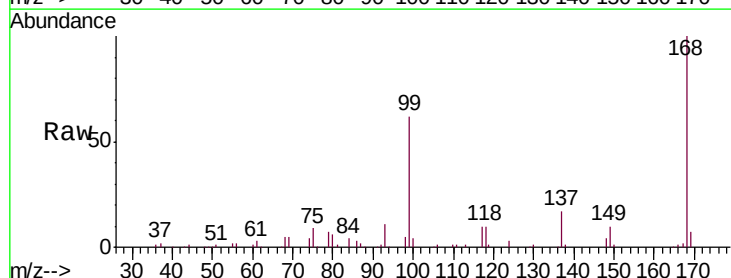


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

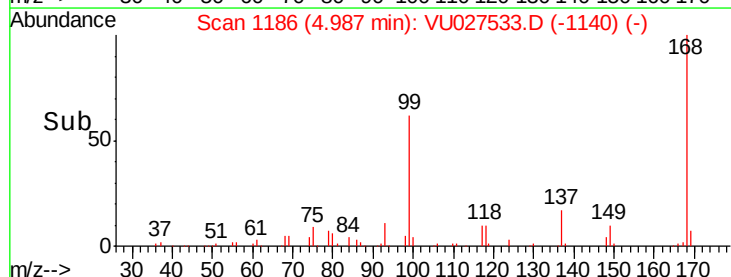
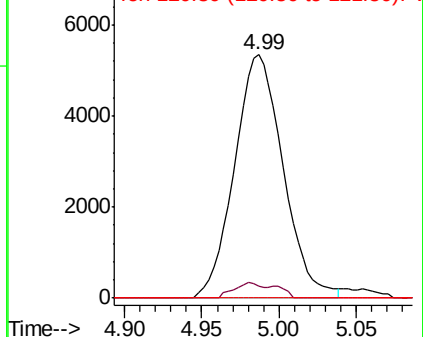


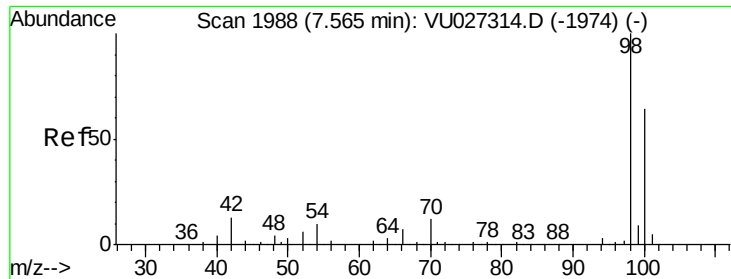
#38
 Carbon Tetrachloride
 Concen: 5.932 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027533.D
 Acq: 09 Oct 2018 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.5	111.7#
121	0.0	24.6	37.0#



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

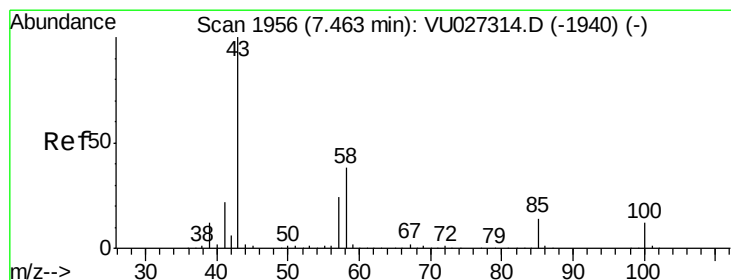
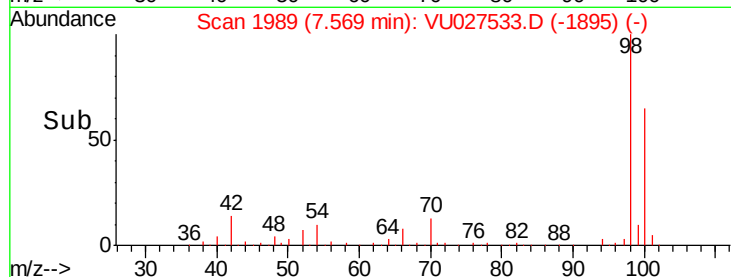
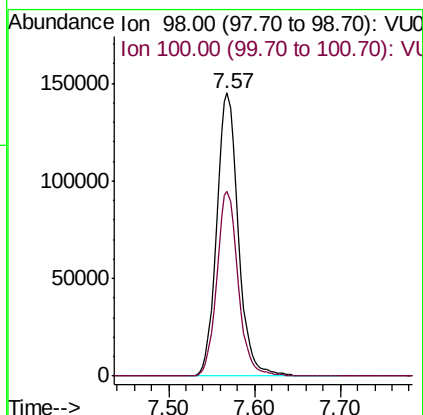
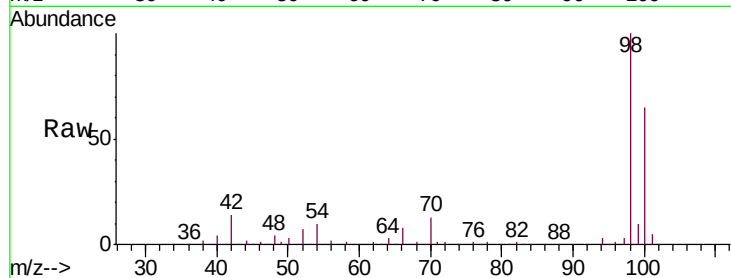




#50
Toluene-d8
Concen: 49.445 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027533.D
Acq: 09 Oct 2018 19:58

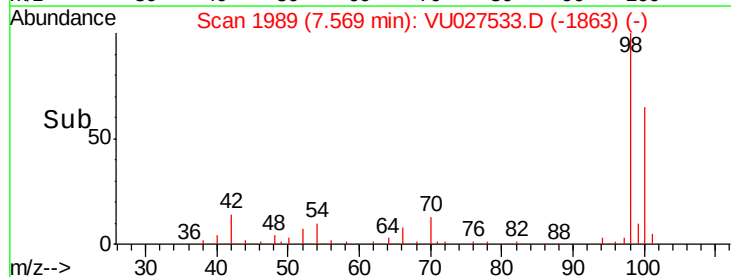
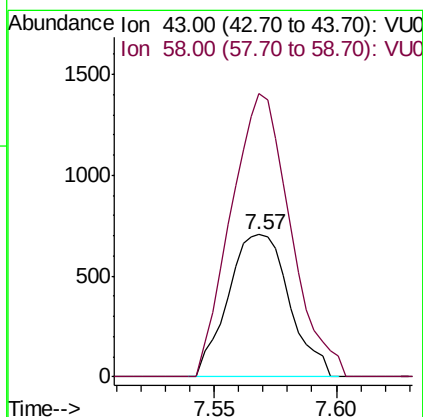
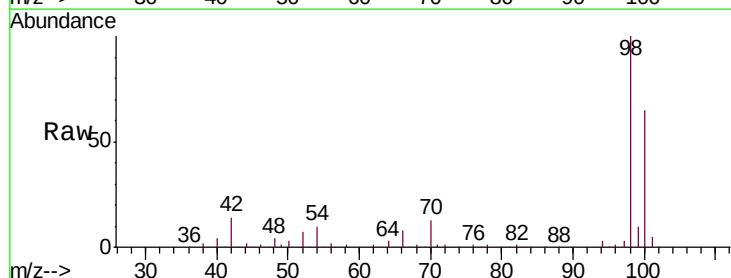
Instrument :
MSVOA_U
ClientSampleId :
SA-TB03-20181003

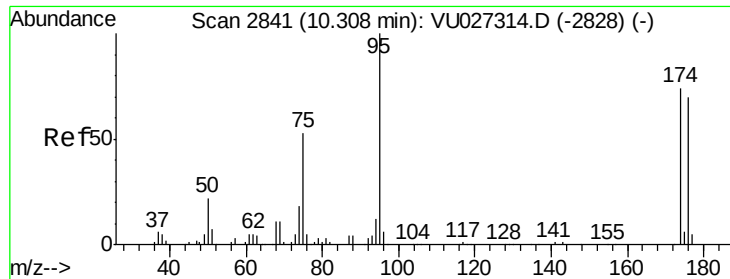
Tgt Ion: 98 Resp: 254757
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027533.D
Acq: 09 Oct 2018 19:58

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 192.8 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 41.613 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027533.D

Acq: 09 Oct 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

SA-TB03-20181003

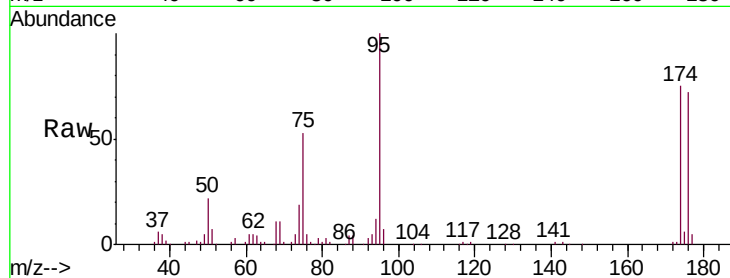
Tgt Ion: 95 Resp: 79682

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.8

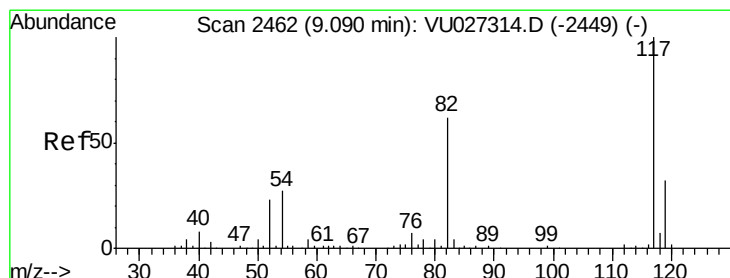
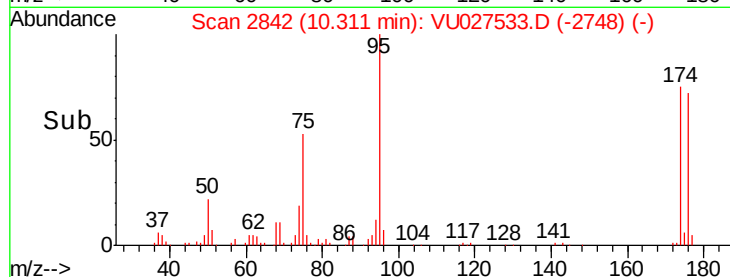
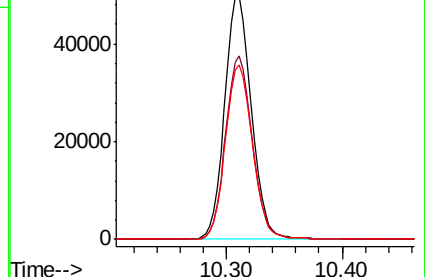
176 72.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027533.D

Acq: 09 Oct 2018 19:58

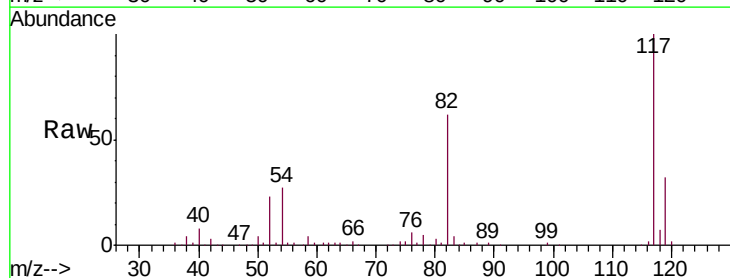
Tgt Ion: 117 Resp: 175097

Ion Ratio Lower Upper

117 100

82 62.1 49.2 73.8

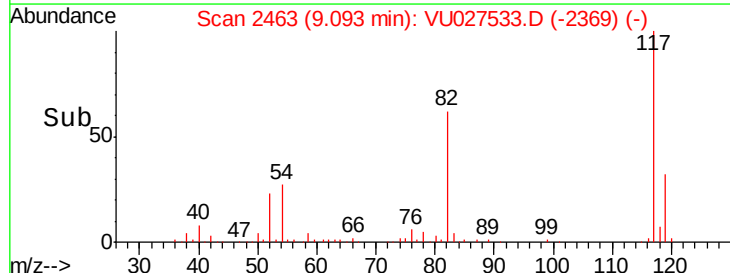
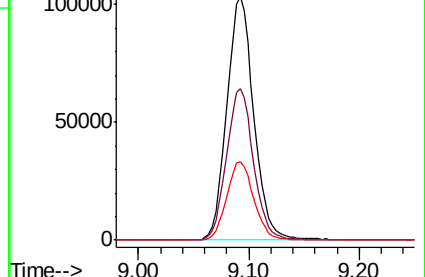
119 32.3 25.7 38.5

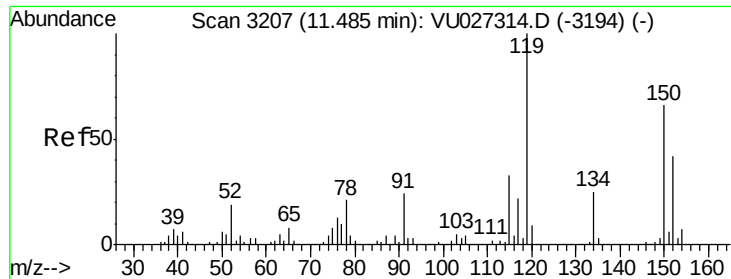


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027533.D

Acq: 09 Oct 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

SA-TB03-20181003

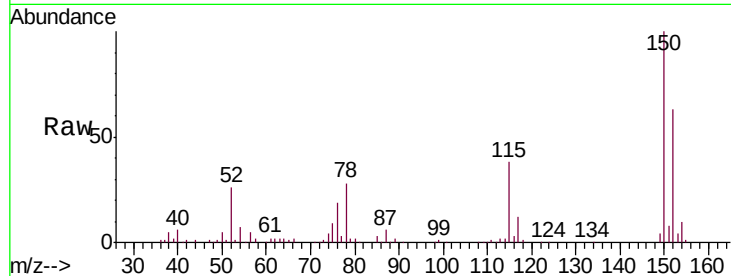
Tgt Ion:152 Resp: 71740

Ion Ratio Lower Upper

152 100

115 61.1 43.4 130.2

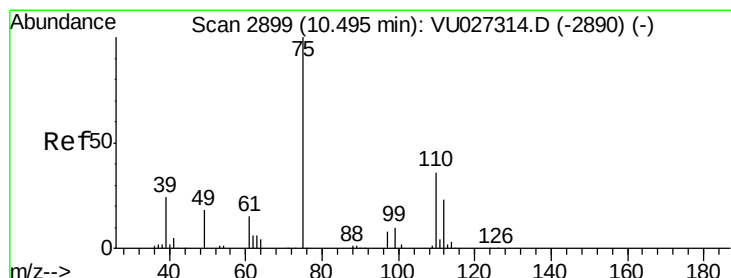
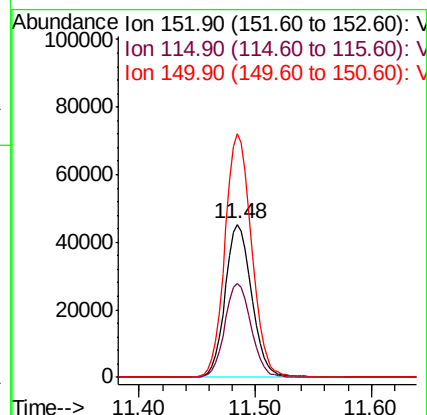
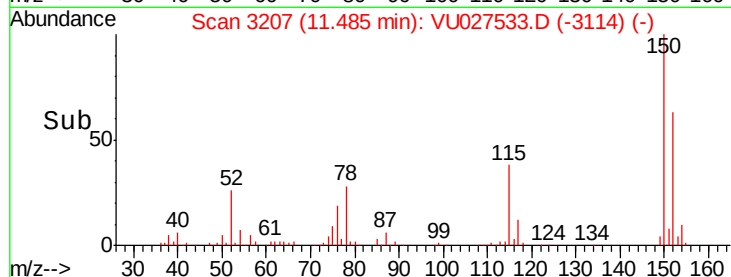
150 159.9 0.0 349.2



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: 23.246 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027533.D

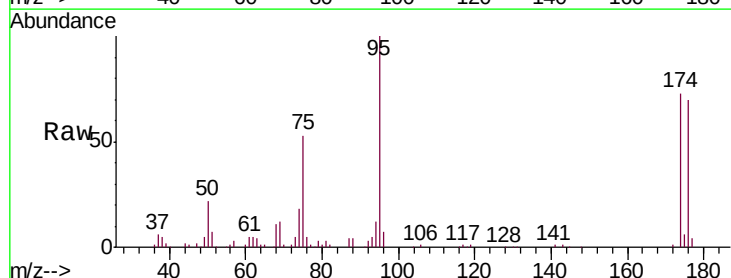
Acq: 09 Oct 2018 19:58

Tgt Ion: 75 Resp: 43229

Ion Ratio Lower Upper

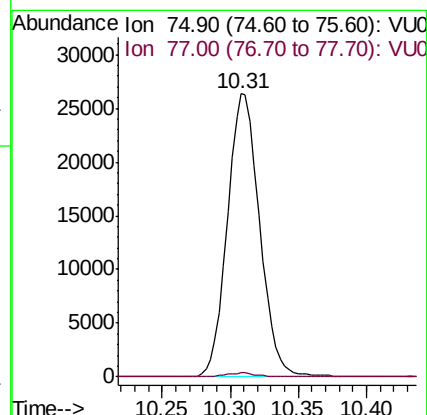
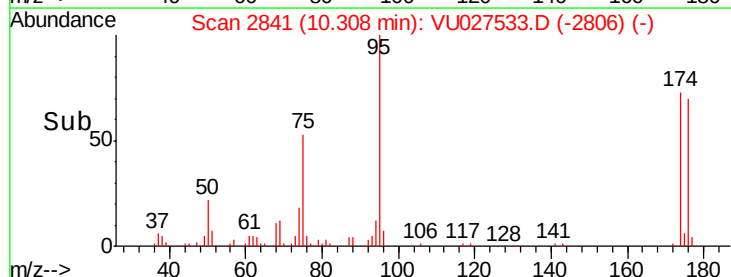
75 100

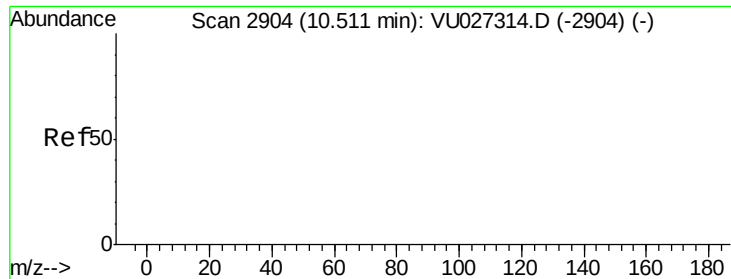
77 1.2 20.3 60.9#



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: 60.836 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027533.D

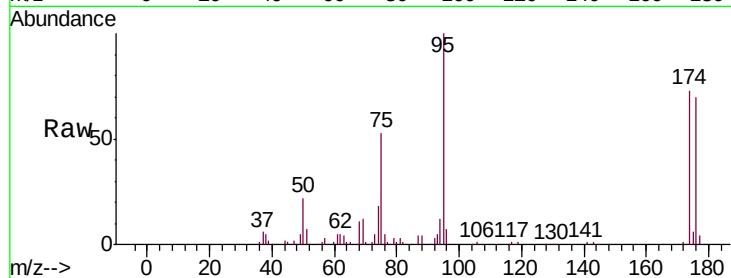
Acq: 09 Oct 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

SA-TB03-20181003



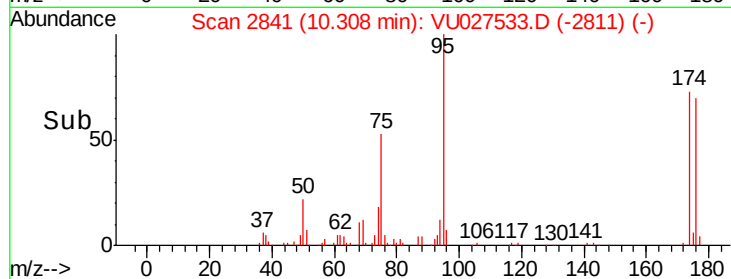
Tgt Ion: 75 Resp: 43229

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

