

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027377.D
 Acq On : 03 Oct 2018 23:49
 Operator : MD/SY
 Sample : J5163-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Quant Time: Oct 04 01:16:34 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	91374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69963	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99670	65.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.64%	
35) Dibromofluoromethane	4.88	113	69228	63.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.34%	
50) Toluene-d8	7.57	98	246400	60.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.16%	
62) 4-Bromofluorobenzene	10.31	95	79458	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

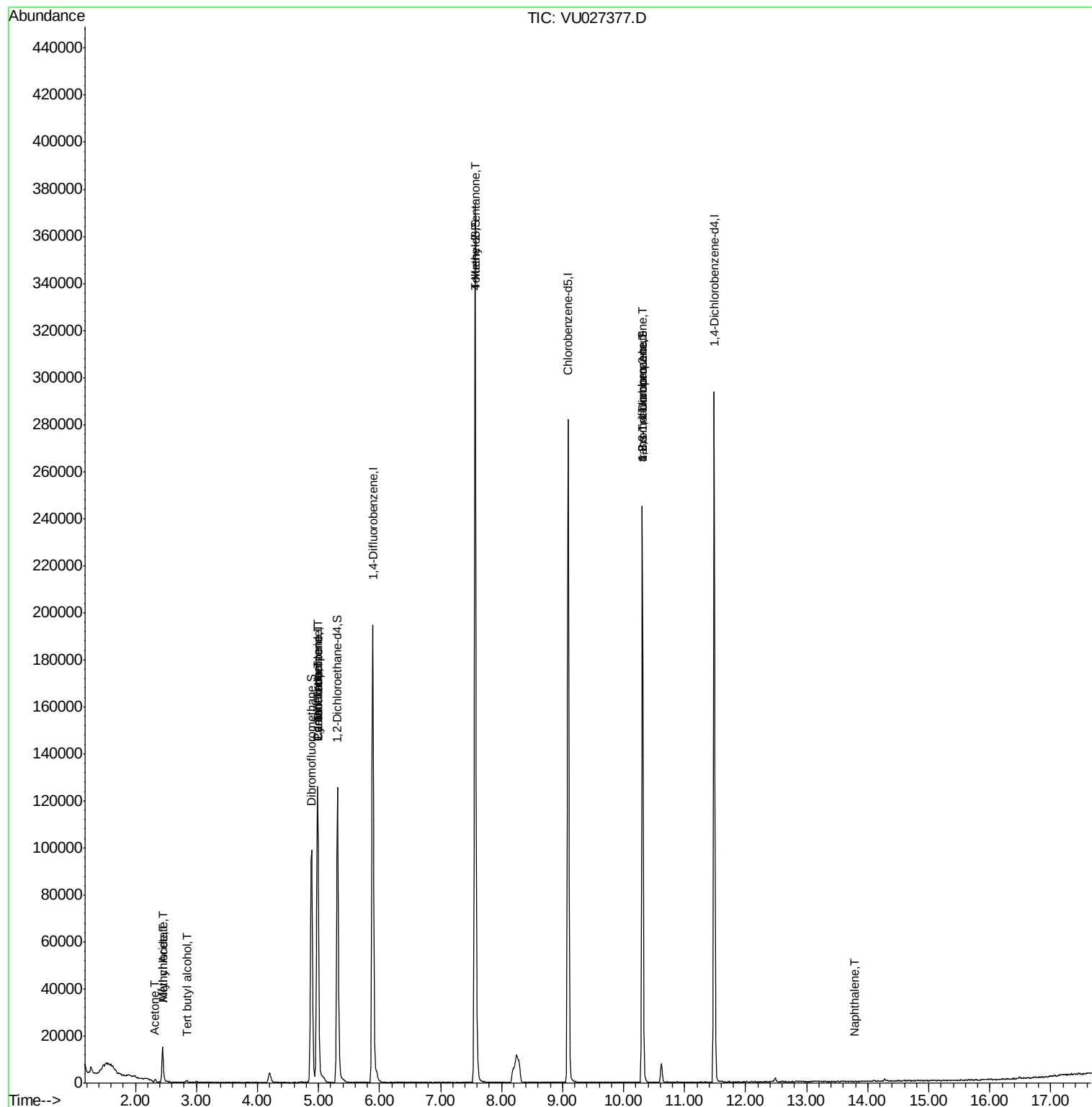
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.84	59	578	1.799	ug/l #	72
14) Allyl chloride	2.45	41	1530	0.668	ug/l #	65
16) Acetone	2.32	43	1165	1.292	ug/l	94
18) Methyl Acetate	2.44	43	4189	2.037	ug/l #	56
31) Cyclohexane	4.99	56	2183	0.657	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8398	4.837	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9587	6.113	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1095	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42546	23.459	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	42546	61.396	ug/l #	100
95) Naphthalene	13.78	128	20	1.664	ug/l #	69

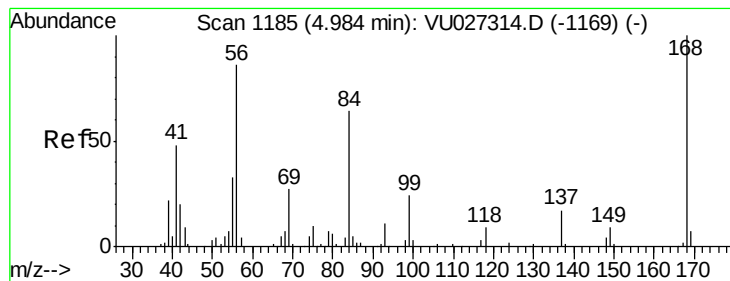
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
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Quant Time: Oct 04 01:16:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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: VU027377.D

Acq: 03 Oct 2018 23:49

Instrument :

MSVOA_U

ClientSampleId :

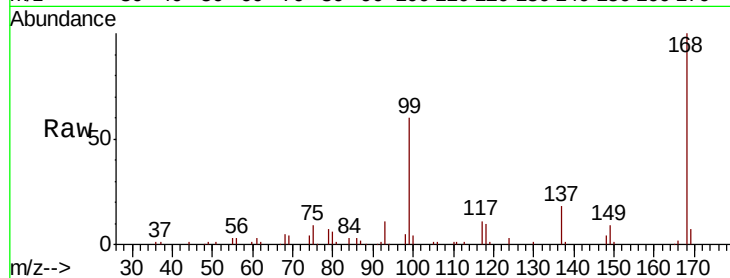
MW-5

Tgt Ion:168 Resp: 91374

Ion Ratio Lower Upper

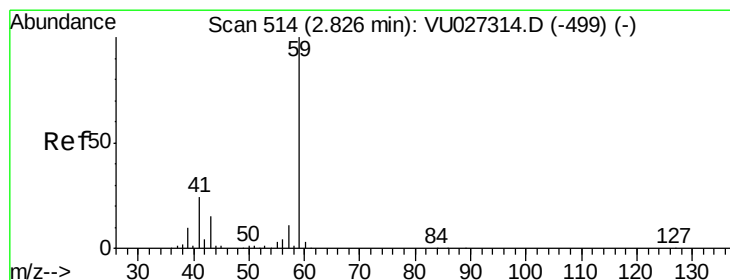
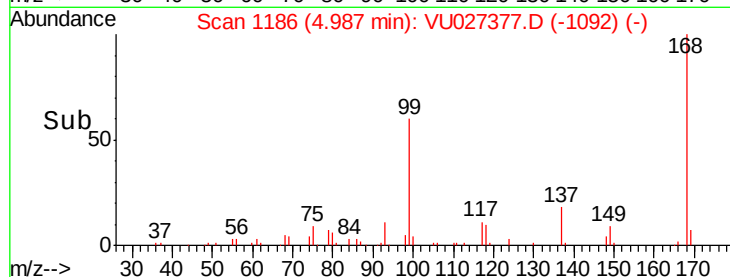
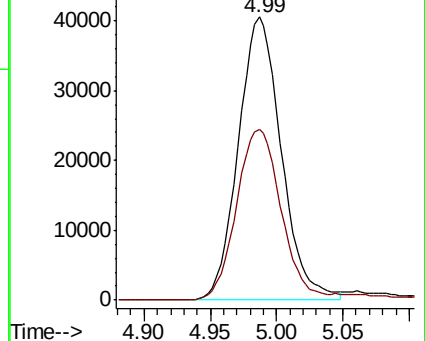
168 100

99 60.4 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) (-)



#11

Tert butyl alcohol

Concen: 1.799 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU027377.D

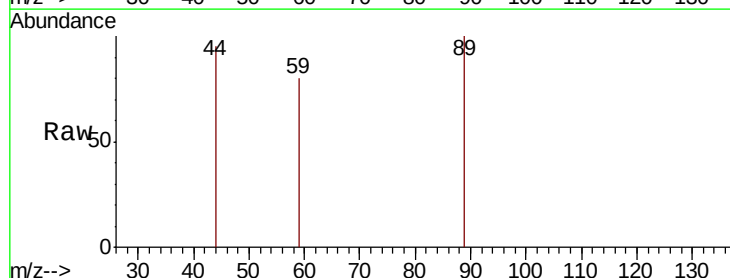
Acq: 03 Oct 2018 23:49

Tgt Ion: 59 Resp: 578

Ion Ratio Lower Upper

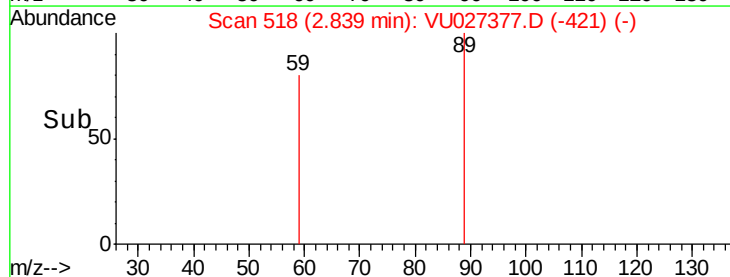
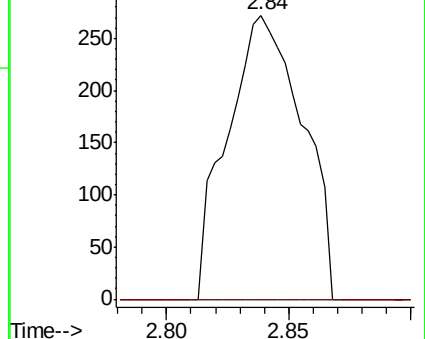
59 100

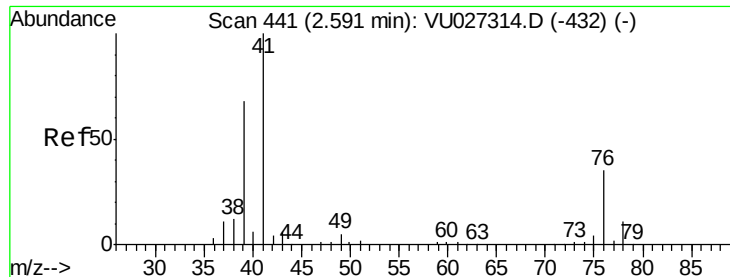
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

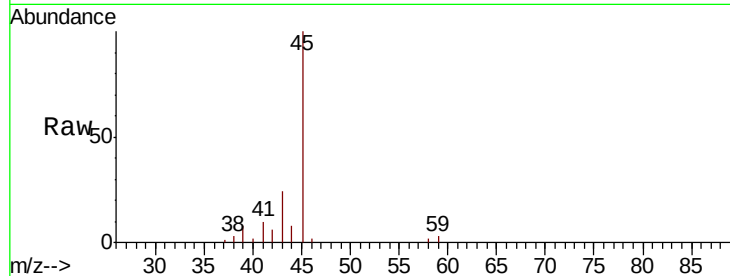




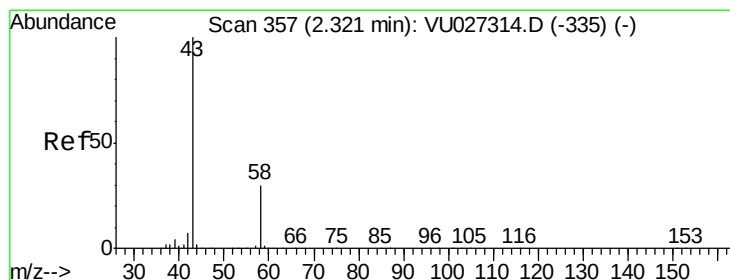
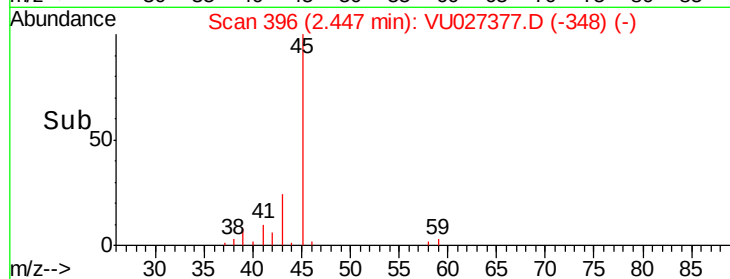
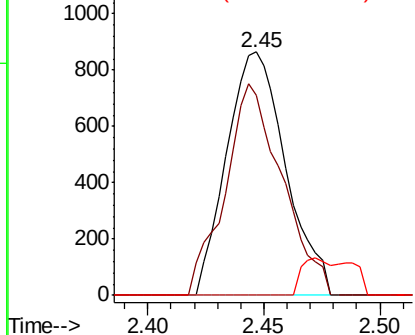
#14
 Allyl chloride
 Concen: 0.668 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027377.D
 Acq: 03 Oct 2018 23:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Tgt Ion: 41 Resp: 1530
 Ion Ratio Lower Upper
 41 100
 39 83.5 51.8 77.8#
 76 0.0 25.9 38.9#

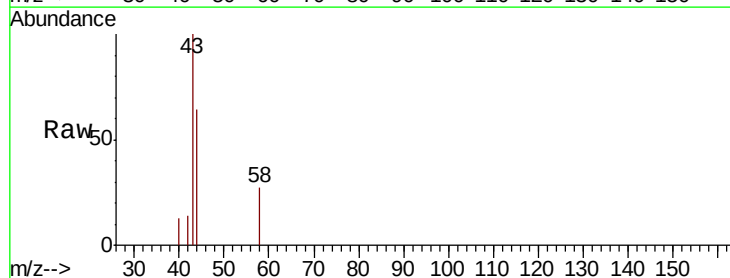


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

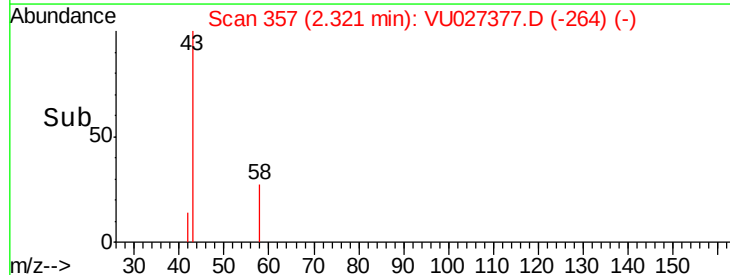
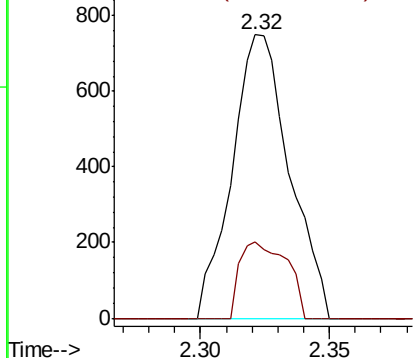


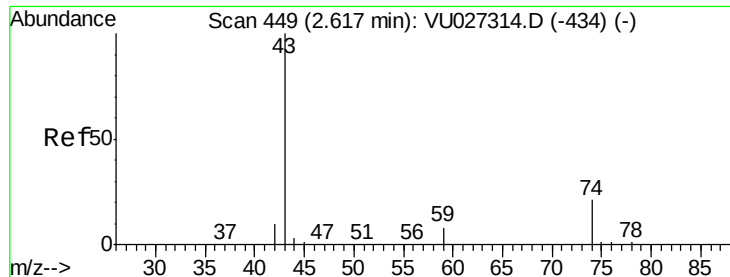
#16
 Acetone
 Concen: 1.292 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027377.D
 Acq: 03 Oct 2018 23:49

Tgt Ion: 43 Resp: 1165
 Ion Ratio Lower Upper
 43 100
 58 26.8 24.2 36.4



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

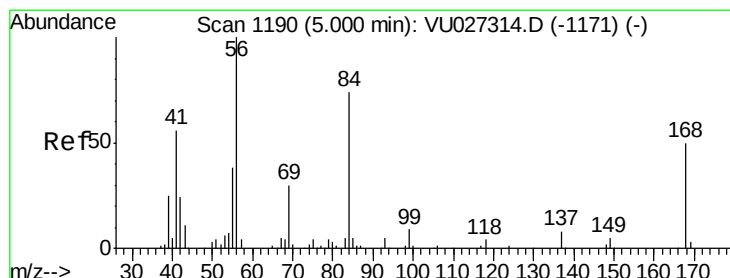
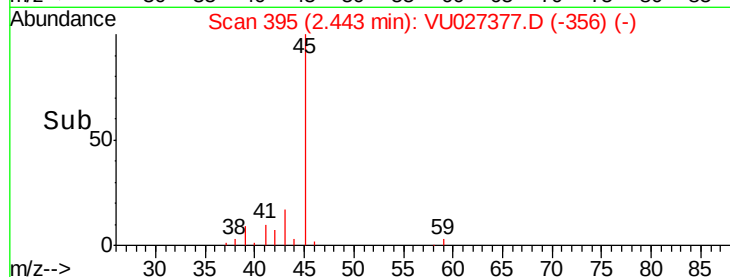
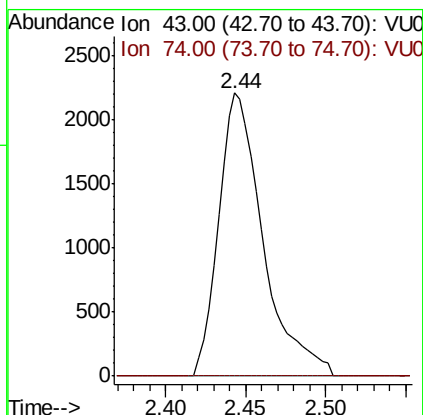
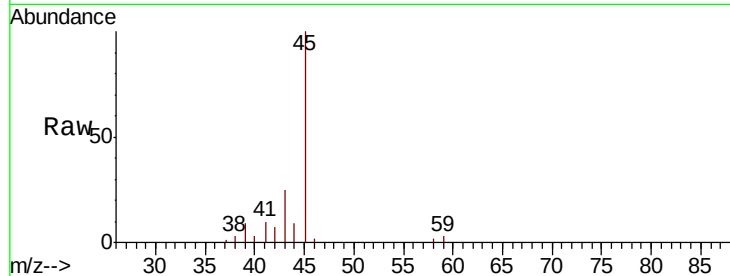




#18
Methyl Acetate
Concen: 2.037 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

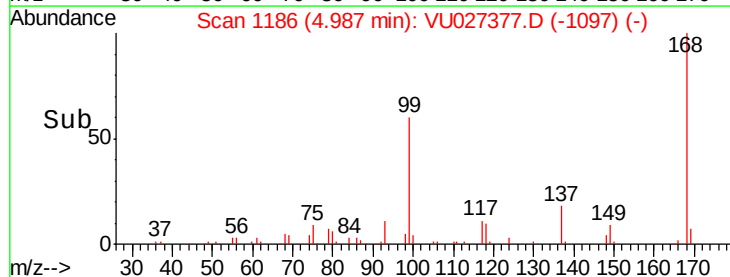
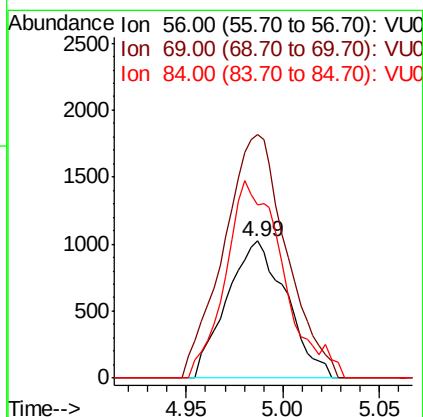
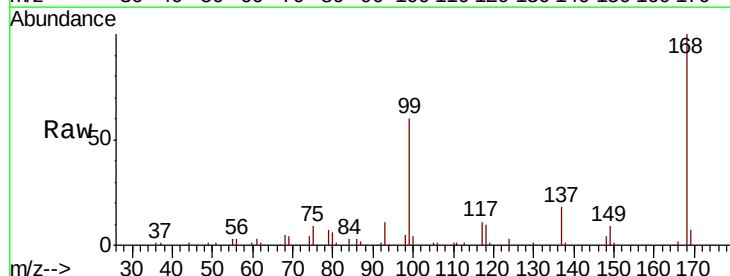
Instrument :
MSVOA_U
ClientSampled :
MW-5

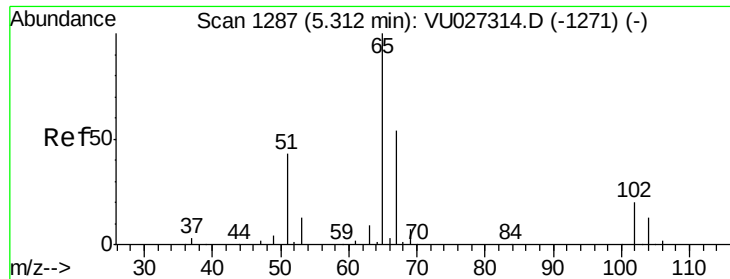
Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 0.657 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 177.8 24.1 36.1#
84 126.0 59.1 88.7#

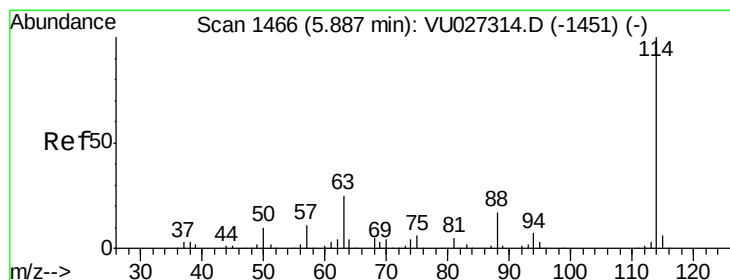
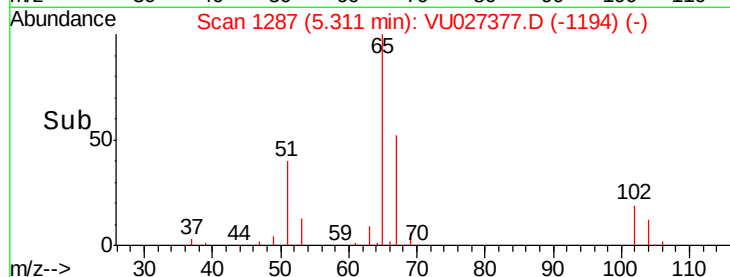
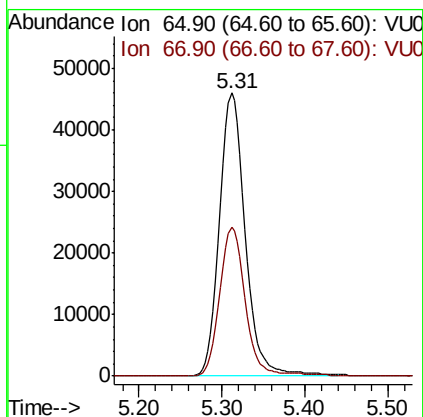
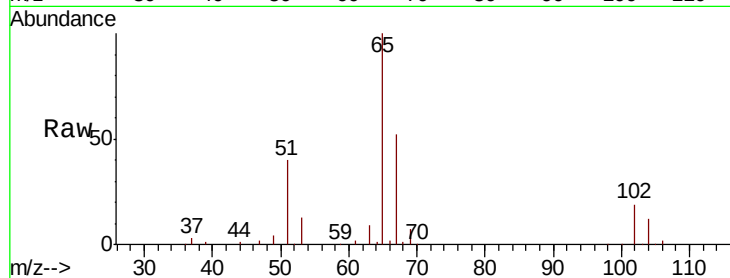




#33
 1,2-Dichloroethane-d4
 Concen: 65.324 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027377.D
 Acq: 03 Oct 2018 23:49

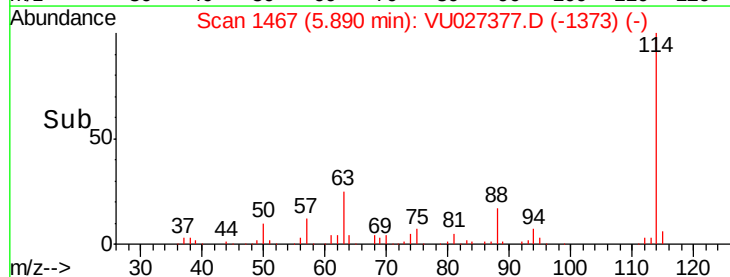
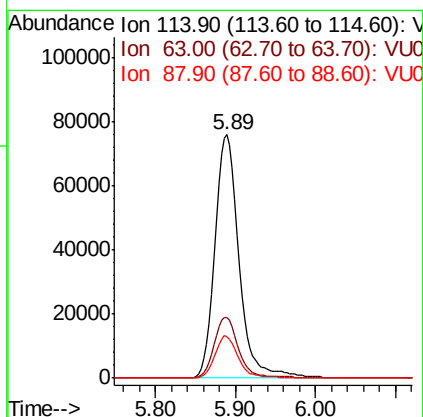
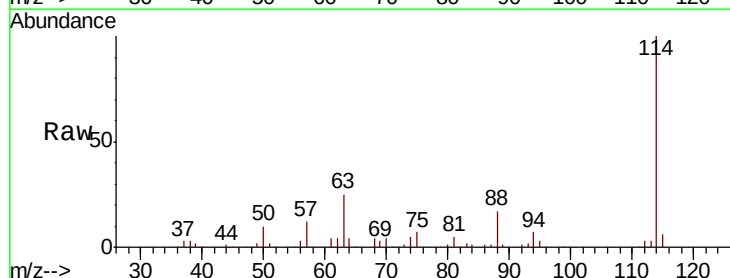
Instrument :
 MSVOA_U
 ClientSampled :
 MW-5

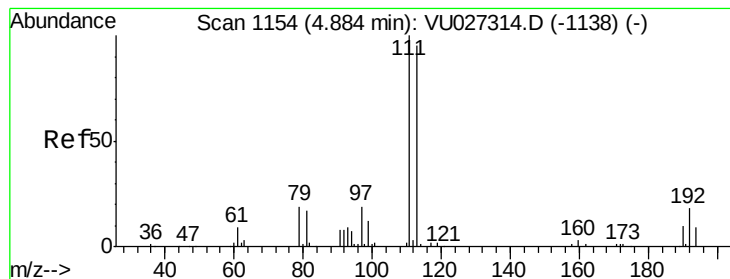
Tgt Ion: 65 Resp: 99670
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027377.D
 Acq: 03 Oct 2018 23:49

Tgt Ion: 114 Resp: 159904
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 63.172 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

Instrument :

MSVOA_U

ClientSampleId :

MW-5

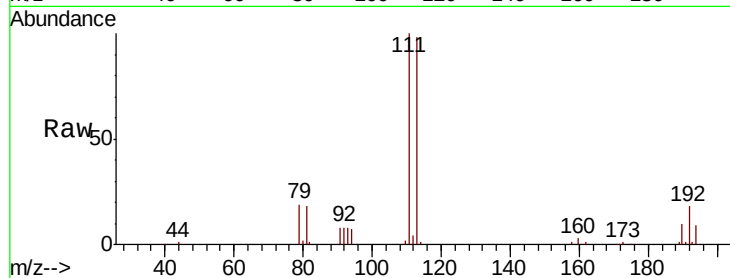
Tgt Ion:113 Resp: 69228

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

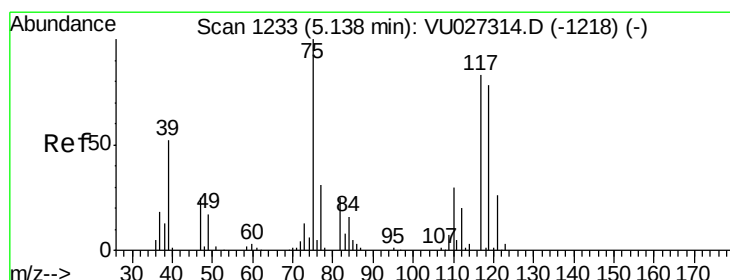
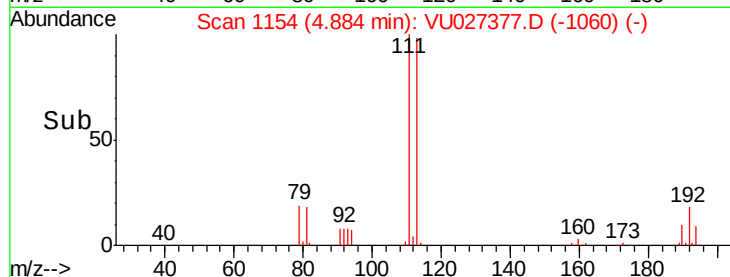
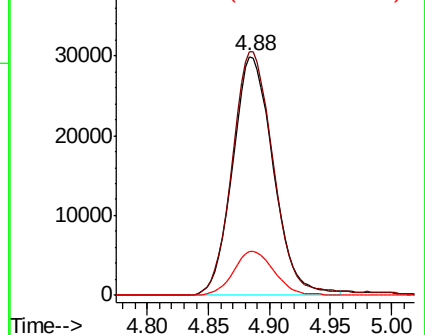
192 18.4 15.4 23.0



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: 4.837 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

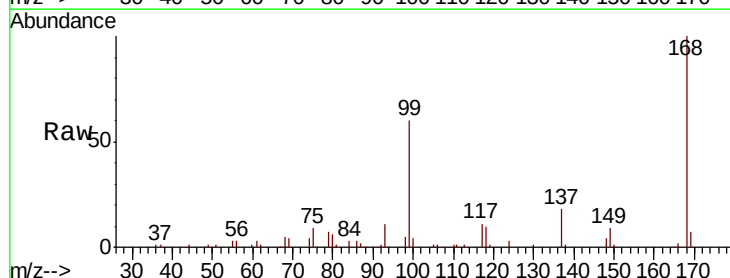
Tgt Ion: 75 Resp: 8398

Ion Ratio Lower Upper

75 100

110 7.5 15.5 46.5#

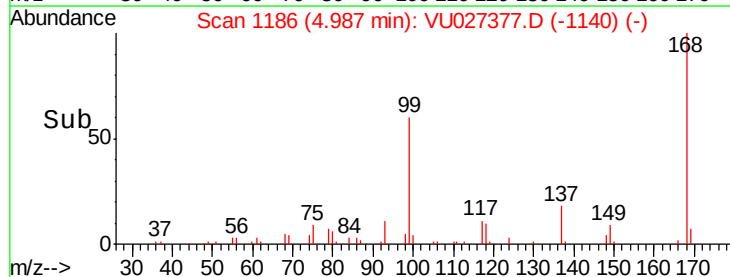
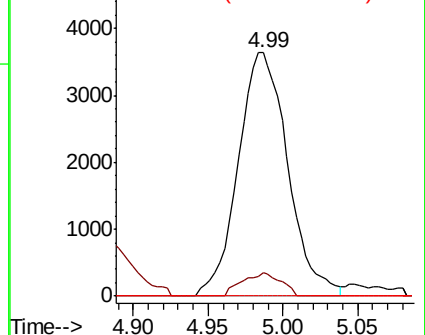
77 0.0 25.4 38.0#

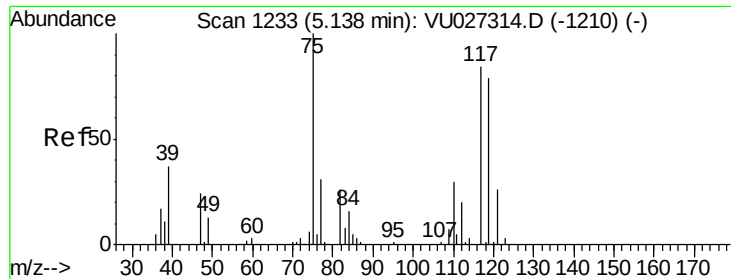


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

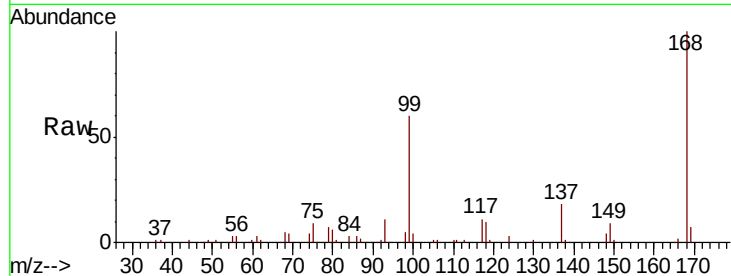




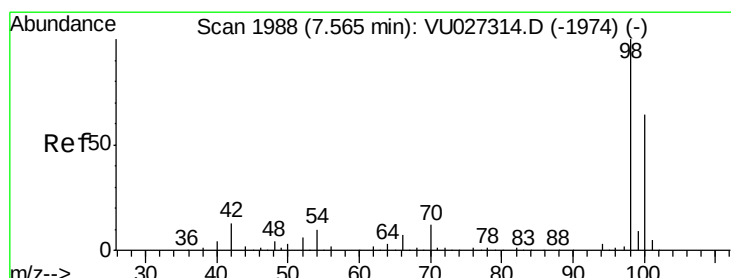
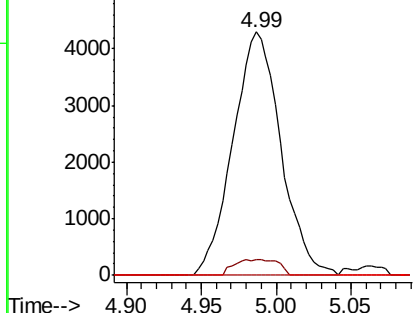
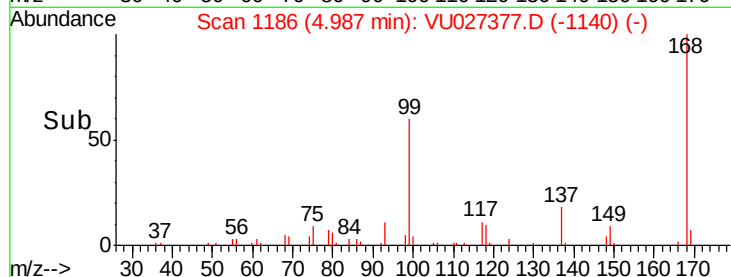
#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Instrument :
MSVOA_U
ClientSampleId :
MW-5

Tgt Ion:117 Resp: 9587
Ion Ratio Lower Upper
117 100
119 6.3 74.5 111.7#
121 0.0 24.6 37.0#

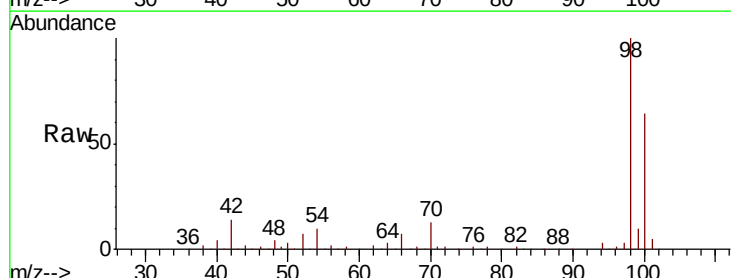


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

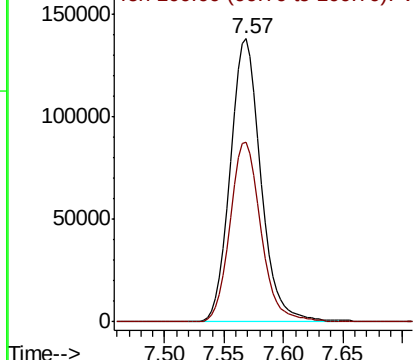
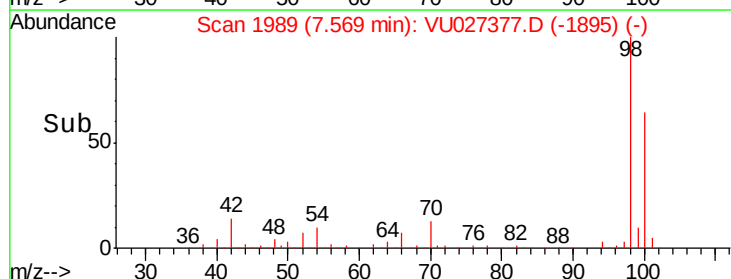


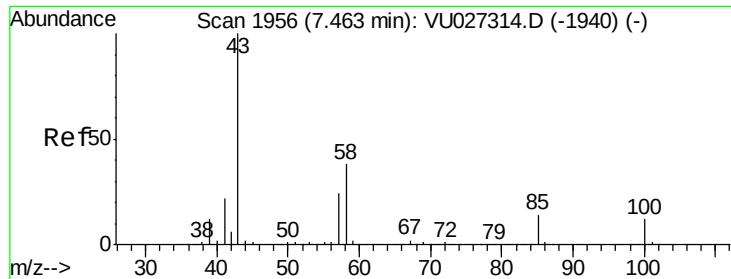
#50
Toluene-d8
Concen: 60.076 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Tgt Ion: 98 Resp: 246400
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: 0.484 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

Instrument :

MSVOA_U

ClientSampleId :

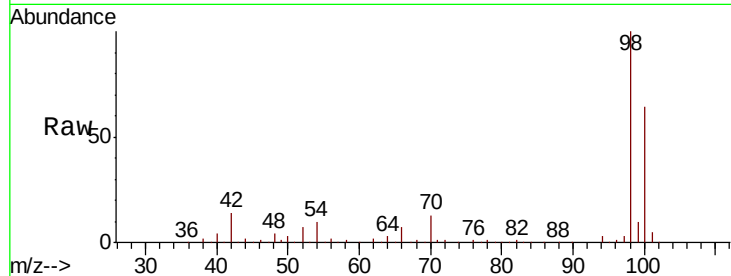
MW-5

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

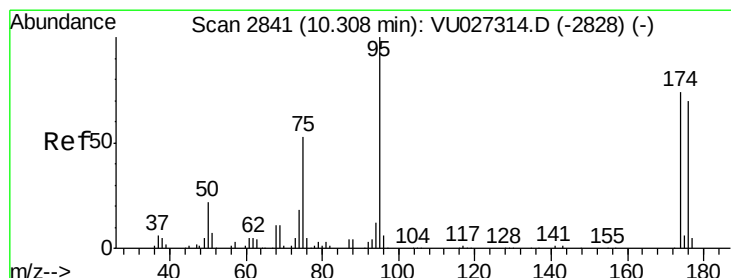
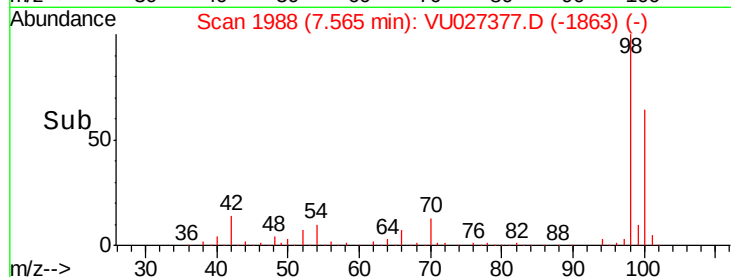
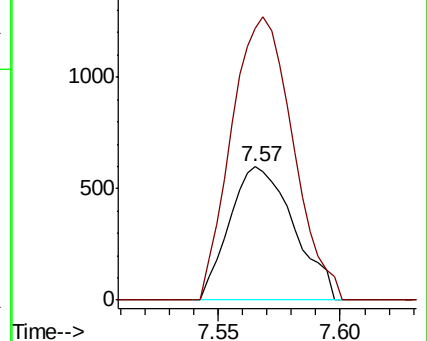
43 100

58 203.0 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: 52.128 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

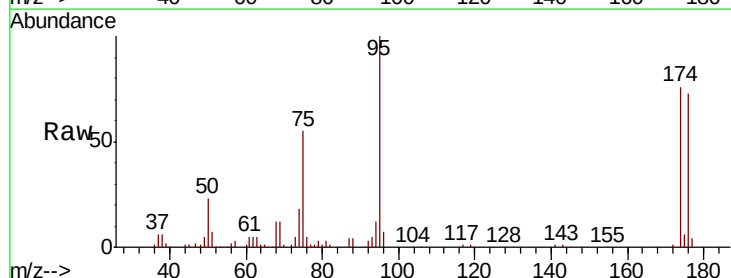
Tgt Ion: 95 Resp: 79458

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.8

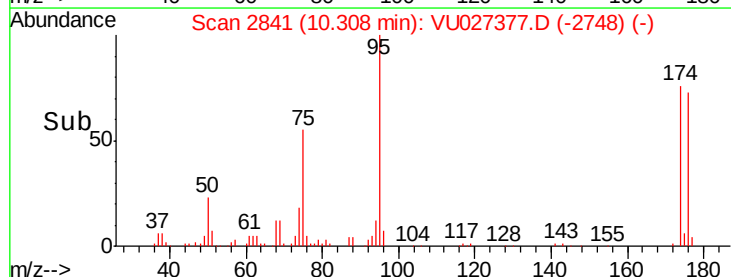
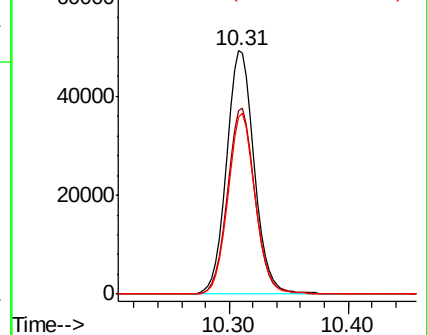
176 72.8 0.0 140.8

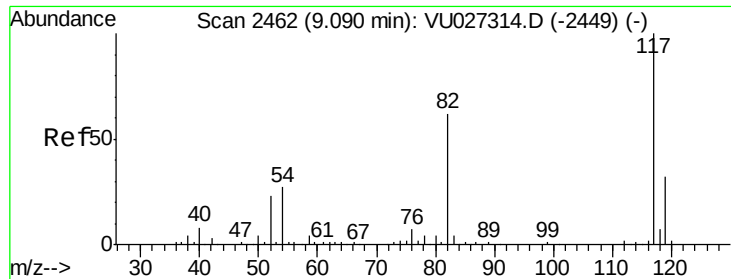


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

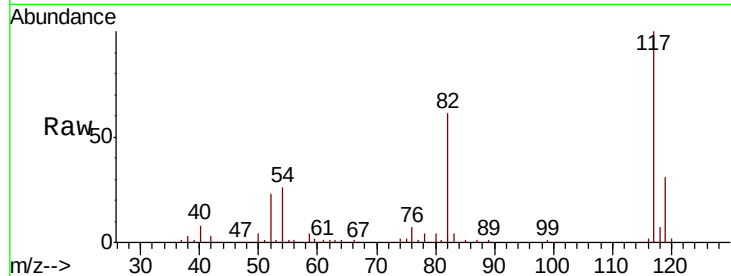




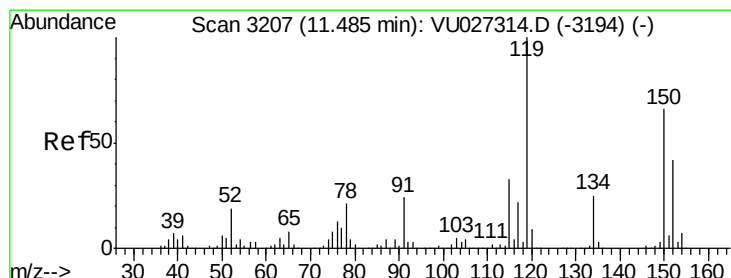
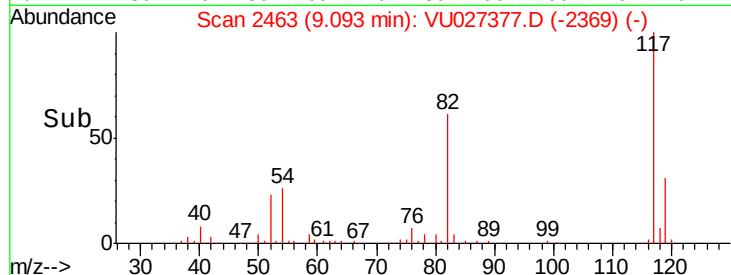
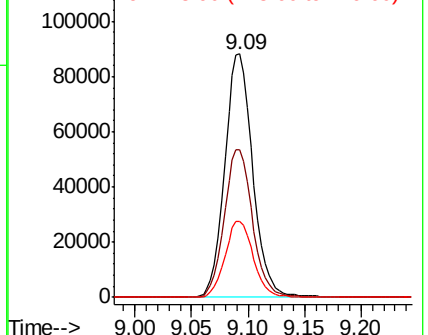
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Instrument :
MSVOA_U
ClientSampled :
MW-5

Tgt Ion:117 Resp: 151722
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.4 25.7 38.5

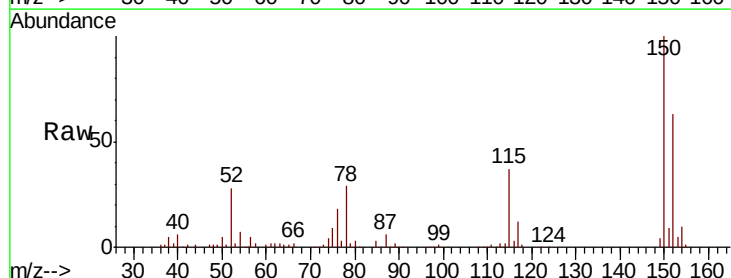


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

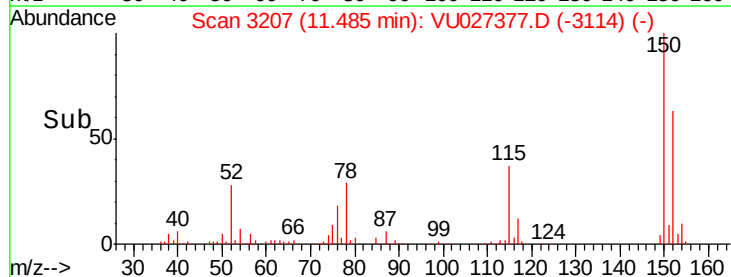
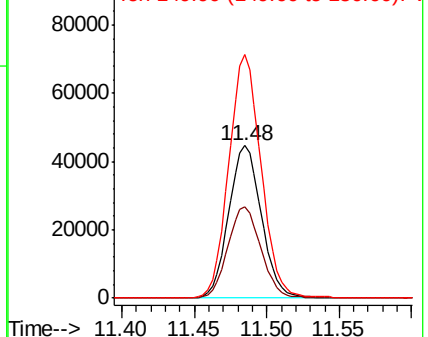


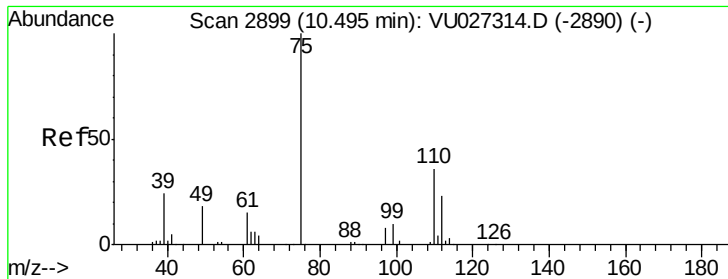
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Tgt Ion:152 Resp: 69963
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.2
150 157.5 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: 23.459 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

Instrument :

MSVOA_U

ClientSampleId :

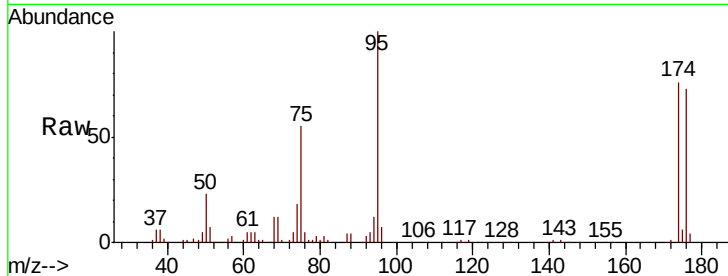
MW-5

Tgt Ion: 75 Resp: 42546

Ion Ratio Lower Upper

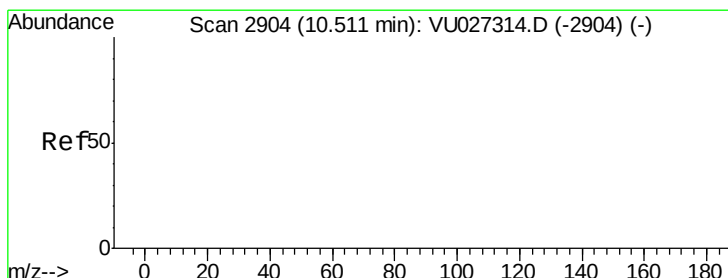
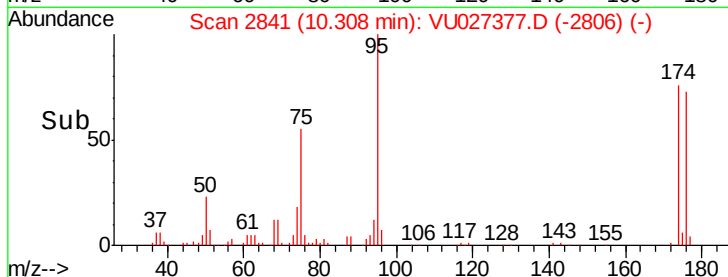
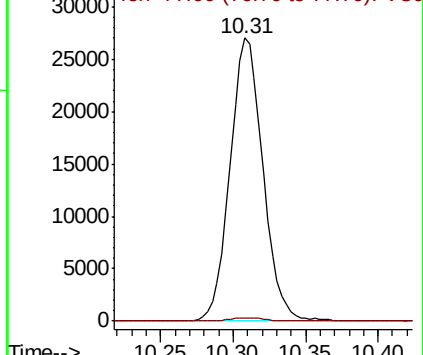
75 100

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: 61.396 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027377.D

Acq: 03 Oct 2018 23:49

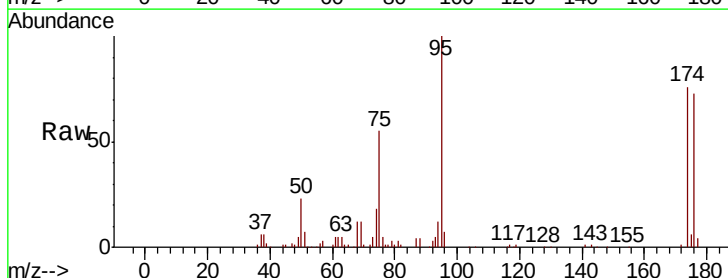
Tgt Ion: 75 Resp: 42546

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

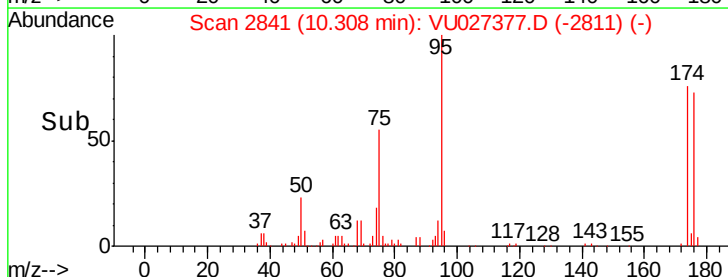
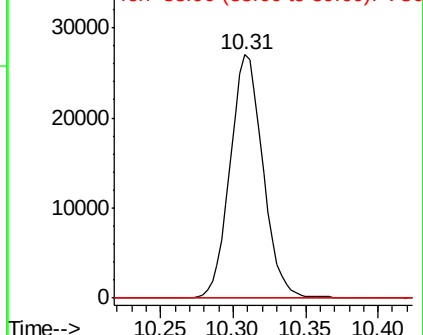
89 0.0 0.0 0.0

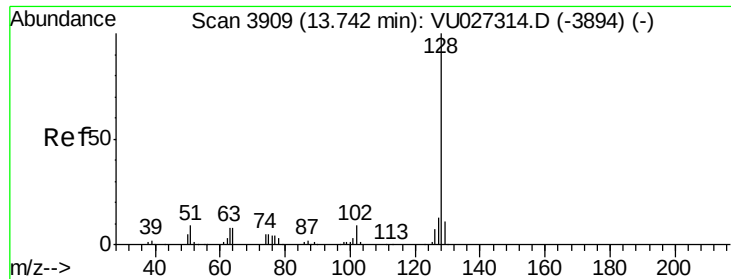


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

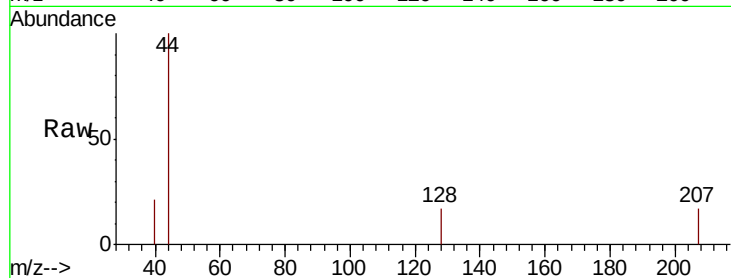




#95
Naphthalene
Concen: 1.664 ug/l
RT: 13.78 min Scan# 3922
Delta R.T. 0.04 min
Lab File: VU027377.D
Acq: 03 Oct 2018 23:49

Instrument :
MSVOA_U
ClientSampleId :
MW-5

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	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

