

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027419.D
 Acq On : 04 Oct 2018 19:37
 Operator : MD/SY
 Sample : J5255-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1

Quant Time: Oct 05 03:17:35 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	114711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198798	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	191383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102445	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	110061	57.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.92%	
35) Dibromofluoromethane	4.89	113	78326	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
50) Toluene-d8	7.57	98	303998	59.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.24%	
62) 4-Bromofluorobenzene	10.31	95	108711	57.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.74%	

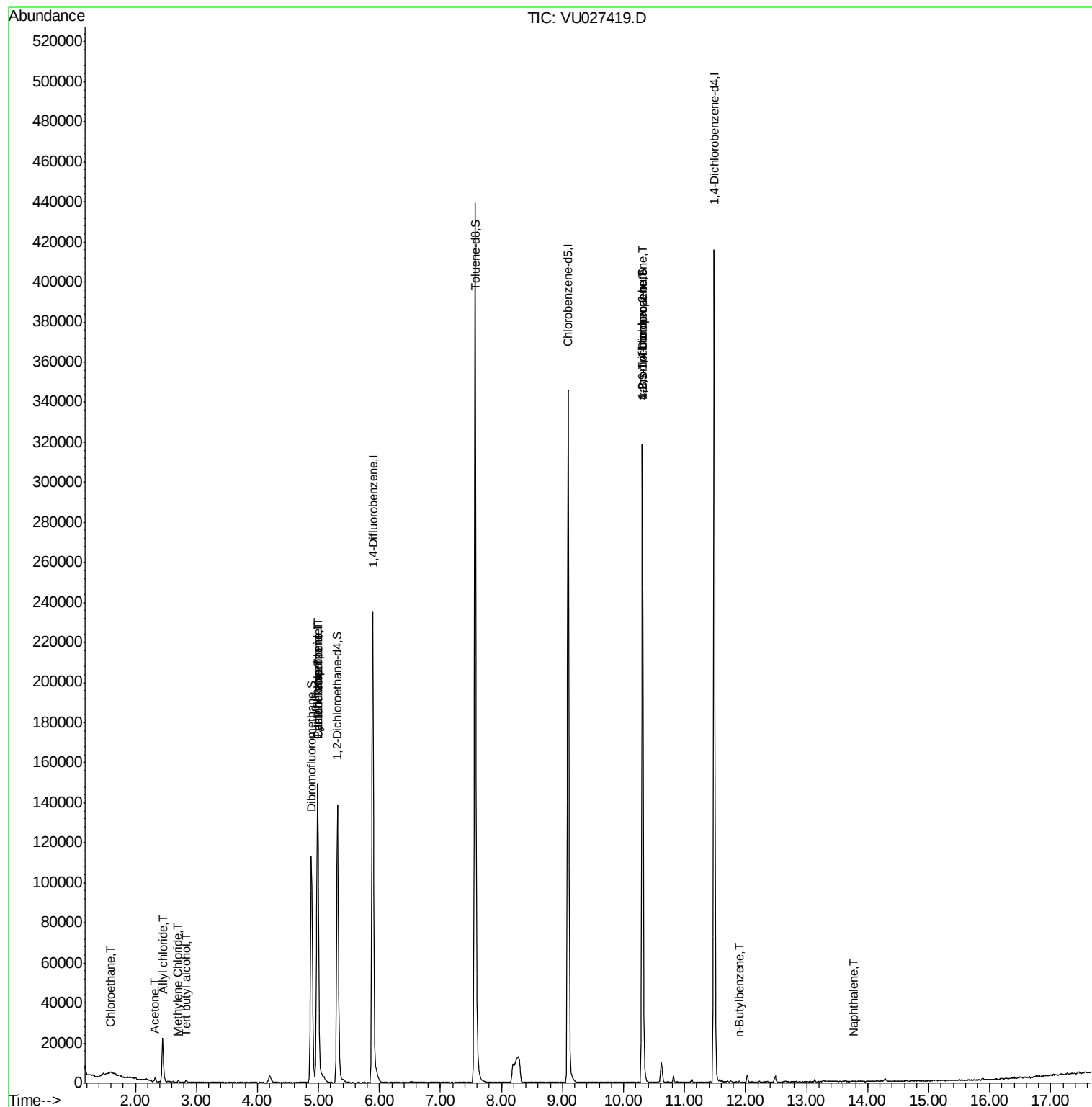
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	292	0.231	ug/l #	44
11) Tert butyl alcohol	2.83	59	1178	2.920	ug/l #	72
14) Allyl chloride	2.45	41	2099	0.729	ug/l #	68
16) Acetone	2.32	43	2124	1.877	ug/l	99
20) Methylene Chloride	2.70	84	353	0.224	ug/l	97
31) Cyclohexane	4.99	56	2509	0.582	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9586	4.441	ug/l #	50
38) Carbon Tetrachloride	4.99	117	11228	5.759	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	57026	21.474	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	57026	56.199	ug/l #	100
89) n-Butylbenzene	11.89	91	228	1.982	ug/l #	33
95) Naphthalene	13.76	128	115	1.674	ug/l #	69

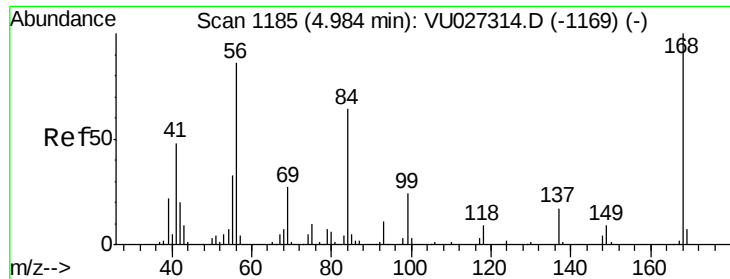
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
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Quant 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: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

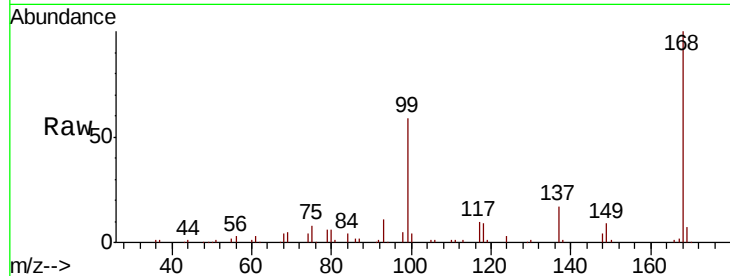
MW-1

Tgt Ion:168 Resp: 114711

Ion Ratio Lower Upper

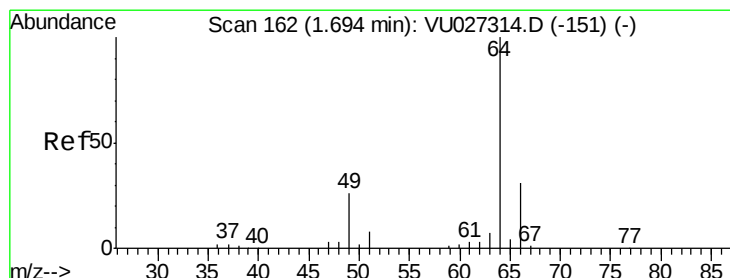
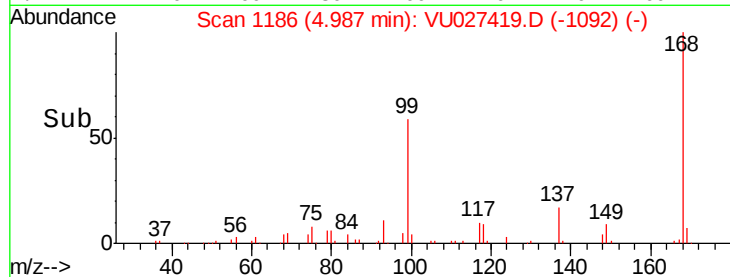
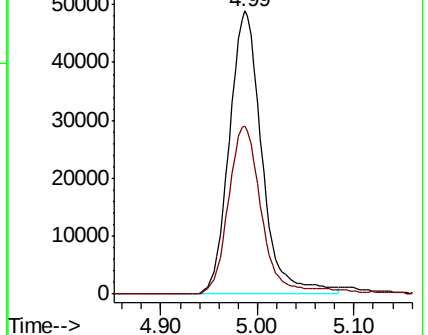
168 100

99 59.5 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) (-)



#6

Chloroethane

Concen: 0.231 ug/l

RT: 1.59 min Scan# 130

Delta R.T. -0.10 min

Lab File: VU027419.D

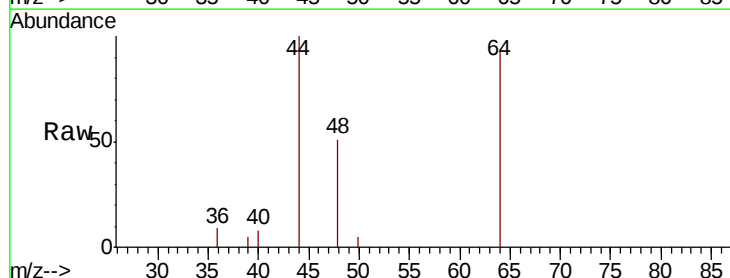
Acq: 04 Oct 2018 19:37

Tgt Ion: 64 Resp: 292

Ion Ratio Lower Upper

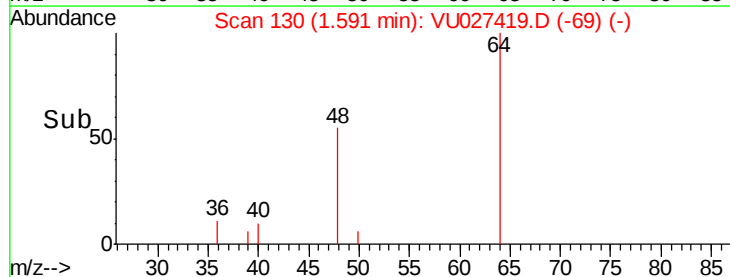
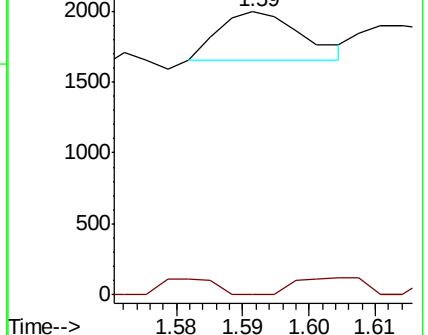
64 100

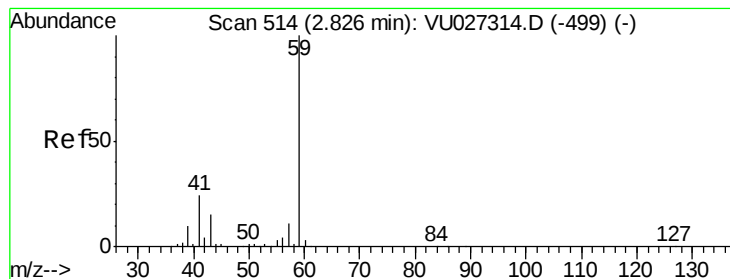
66 0.0 24.6 36.8#



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

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



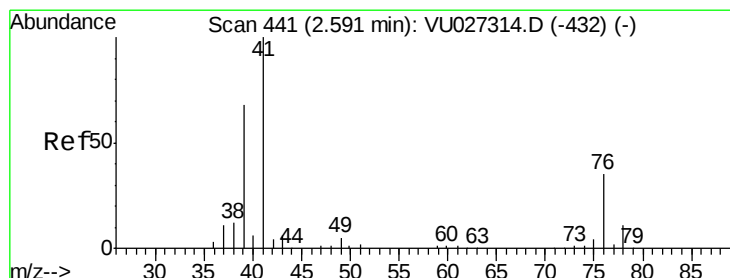
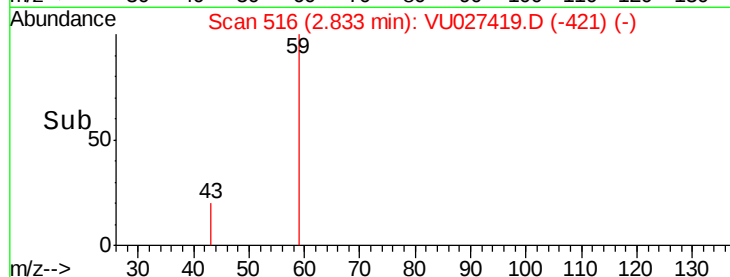
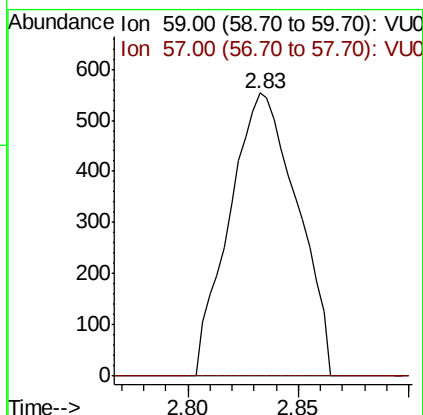
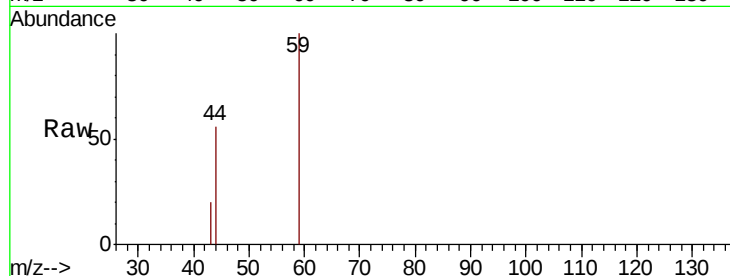


#11

Tert butyl alcohol
 Concen: 2.920 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU027419.D
 Acq: 04 Oct 2018 19:37

Instrument :
 MSVOA_U
 ClientSampled :
 MW-1

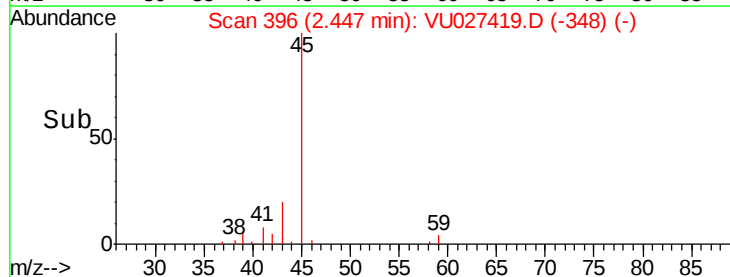
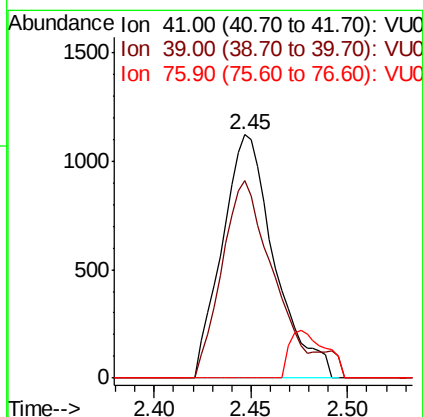
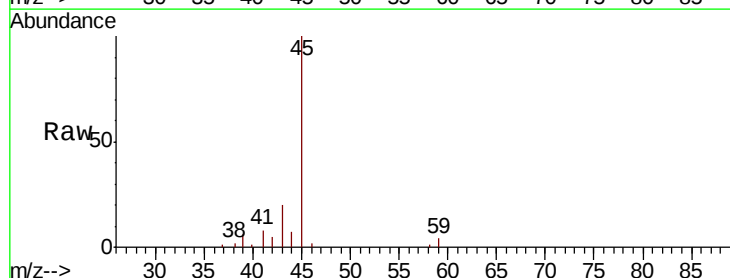
Tgt Ion: 59 Resp: 1178
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

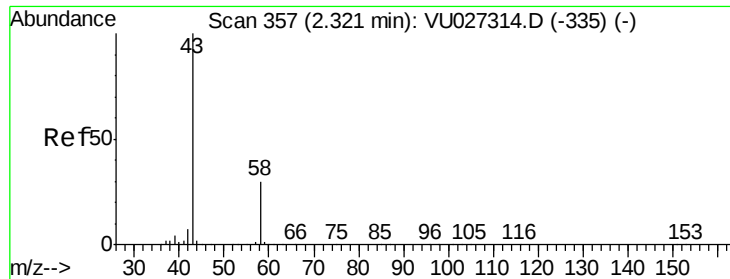


#14

Allyl chloride
 Concen: 0.729 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027419.D
 Acq: 04 Oct 2018 19:37

Tgt Ion: 41 Resp: 2099
 Ion Ratio Lower Upper
 41 100
 39 79.6 51.8 77.8#
 76 0.0 25.9 38.9#





#16

Acetone

Concen: 1.877 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampleId :

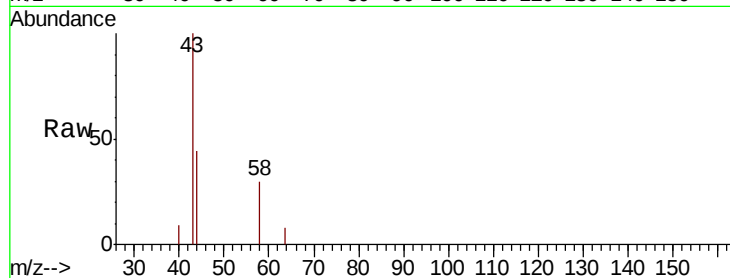
MW-1

Tgt Ion: 43 Resp: 2124

Ion Ratio Lower Upper

43 100

58 29.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

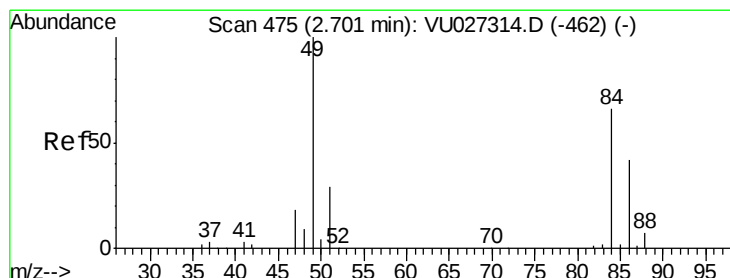
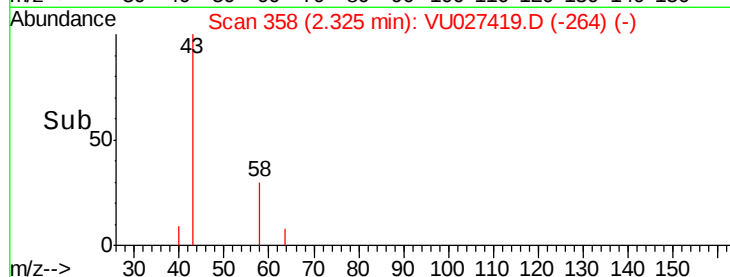
1000

500

0

2.30 2.35

Time-->



#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Tgt Ion: 84 Resp: 353

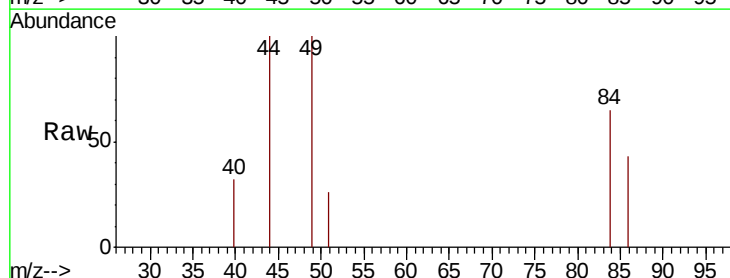
Ion Ratio Lower Upper

84 100

49 153.5 120.5 180.7

51 39.4 35.1 52.7

86 65.7 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

600

500

400

300

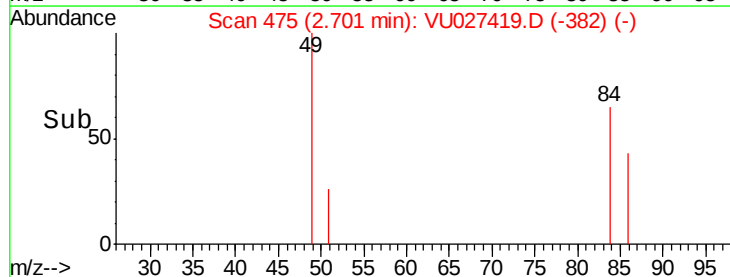
200

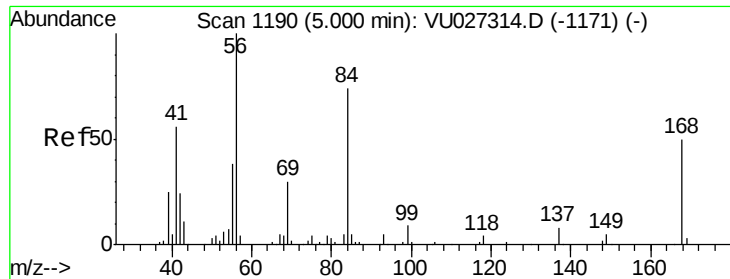
100

0

2.68 2.70 2.72 2.74

Time-->

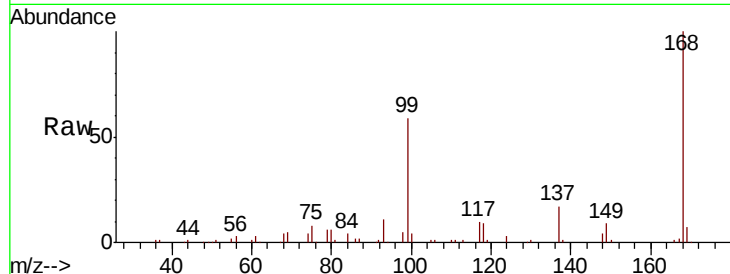




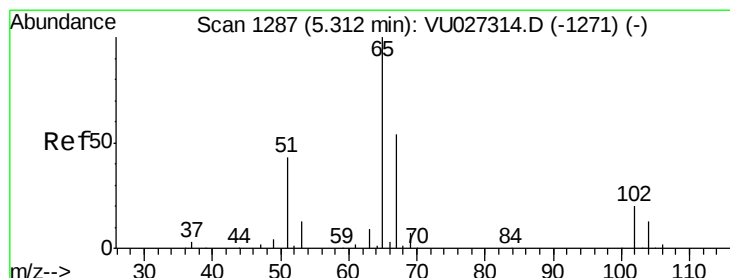
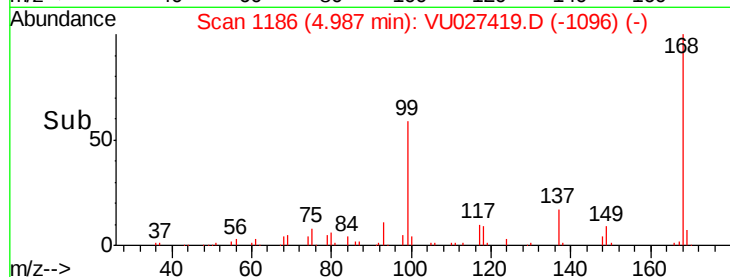
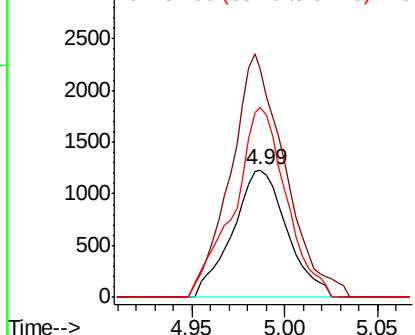
#31
Cyclohexane
Concen: 0.582 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027419.D
Acq: 04 Oct 2018 19:37

Instrument :
MSVOA_U
ClientSampled :
MW-1

Tgt Ion: 56 Resp: 2509
Ion Ratio Lower Upper
56 100
69 179.2 24.1 36.1#
84 149.4 59.1 88.7#

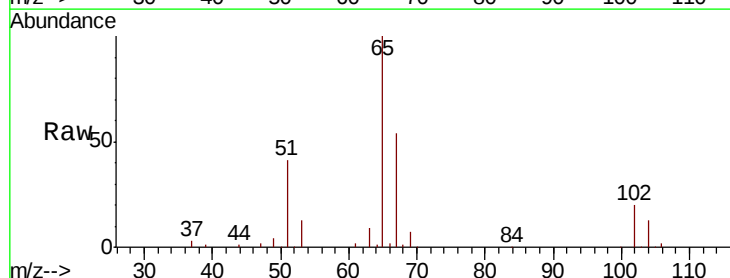


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

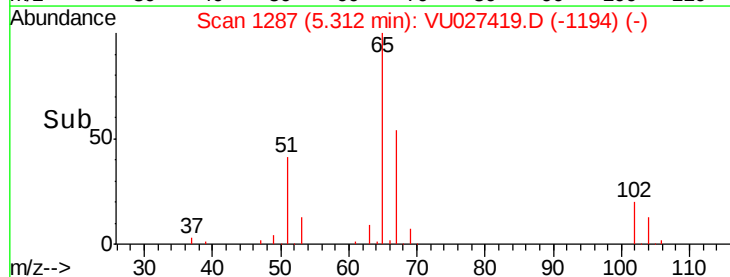
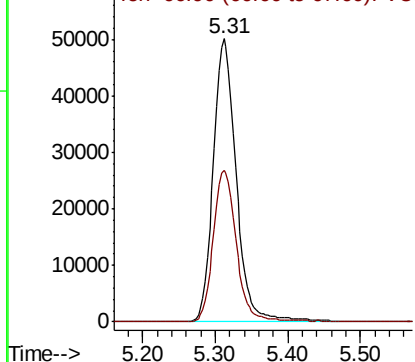


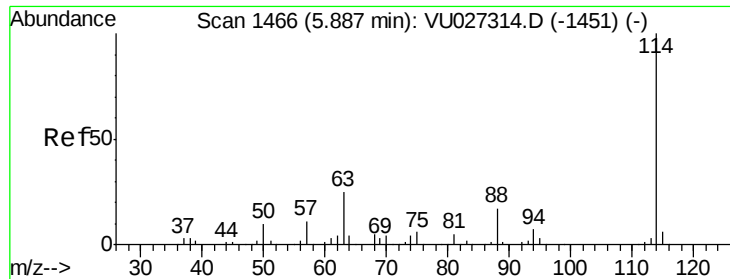
#33
1,2-Dichloroethane-d4
Concen: 57.459 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027419.D
Acq: 04 Oct 2018 19:37

Tgt Ion: 65 Resp: 110061
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.8



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

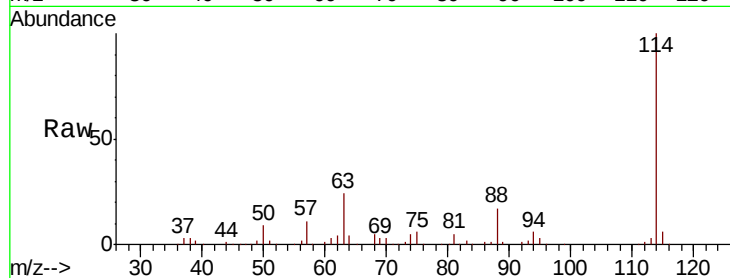




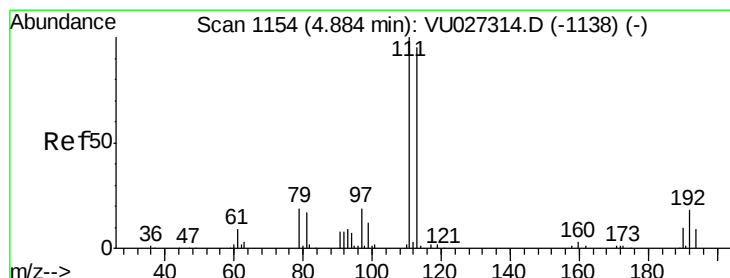
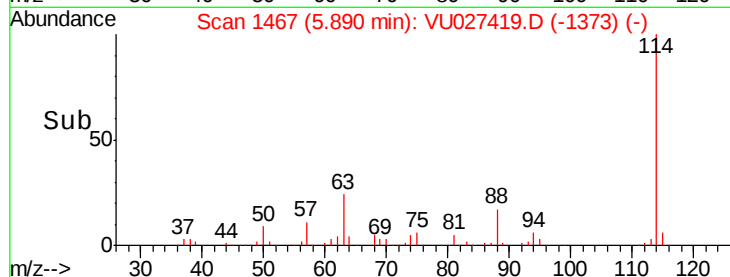
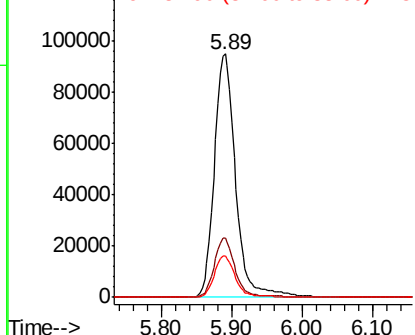
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027419.D
 Acq: 04 Oct 2018 19:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1

Tgt Ion:114 Resp: 198798
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 17.1 0.0 33.8

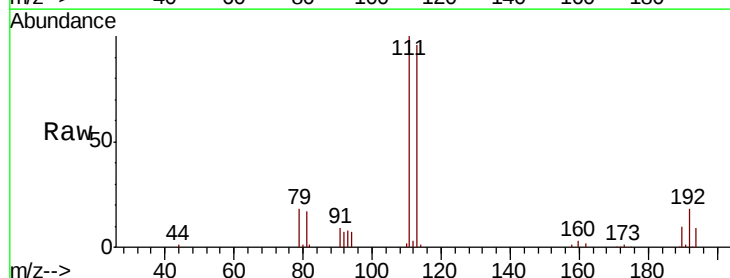


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

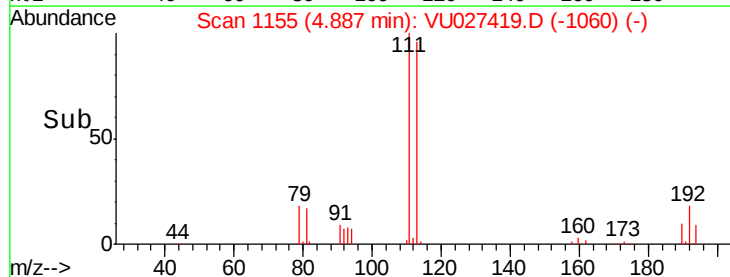
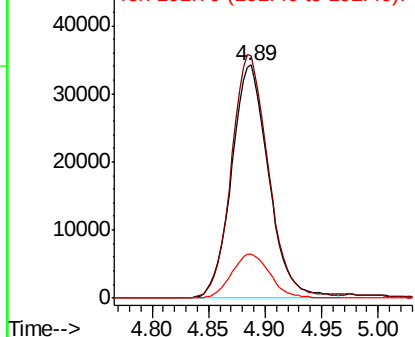


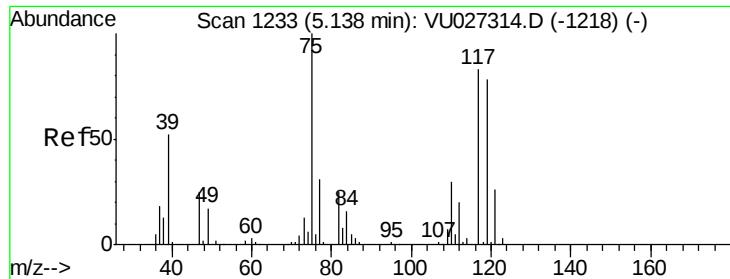
#35
 Dibromofluoromethane
 Concen: 57.490 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027419.D
 Acq: 04 Oct 2018 19:37

Tgt Ion:113 Resp: 78326
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 19.6 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: 4.441 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampled :

MW-1

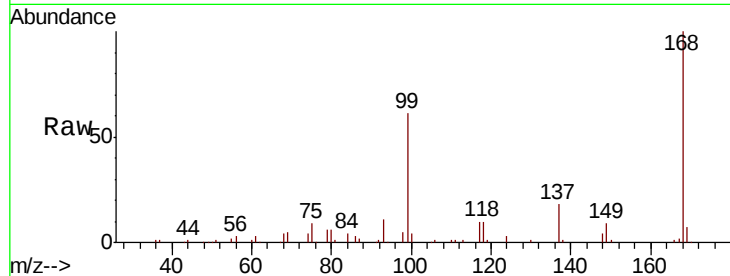
Tgt Ion: 75 Resp: 9586

Ion Ratio Lower Upper

75 100

110 7.8 15.5 46.5#

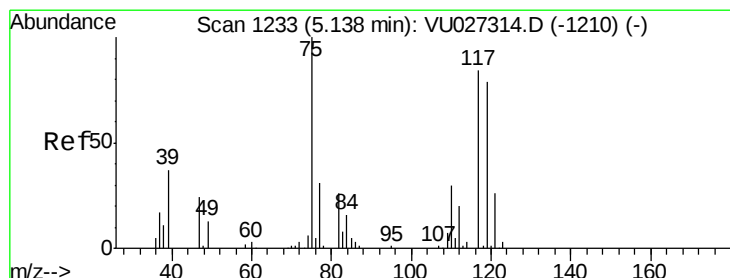
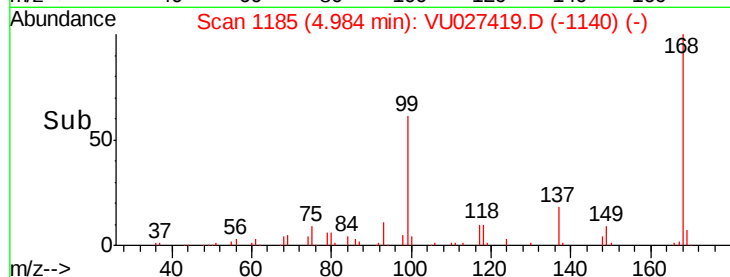
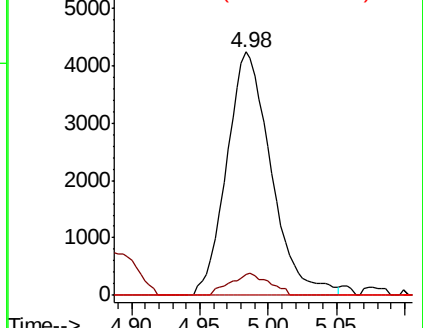
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VU027419.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU027419.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU027419.D (-1140) (-)



#38

Carbon Tetrachloride

Concen: 5.759 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

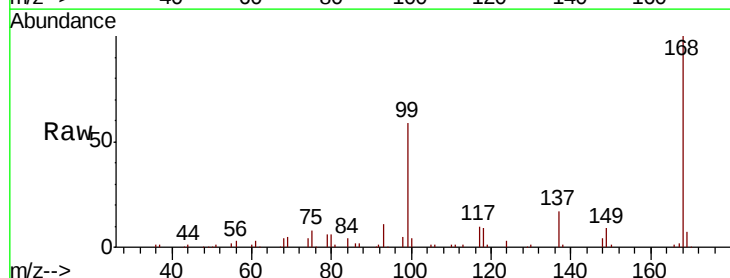
Tgt Ion: 117 Resp: 11228

Ion Ratio Lower Upper

117 100

119 6.0 74.5 111.7#

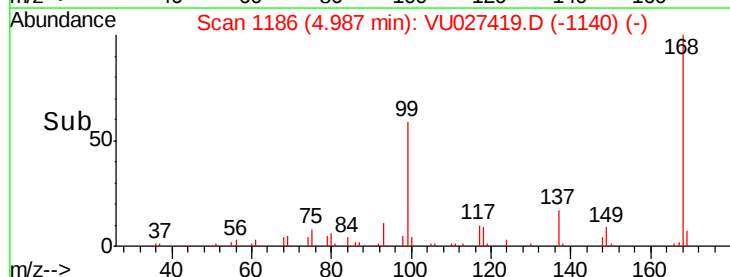
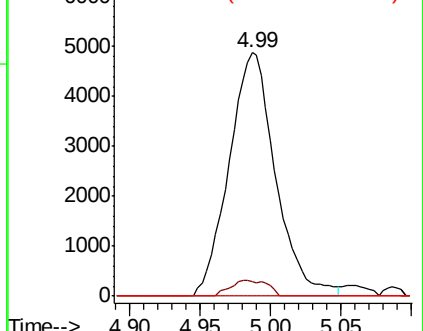
121 0.0 24.6 37.0#

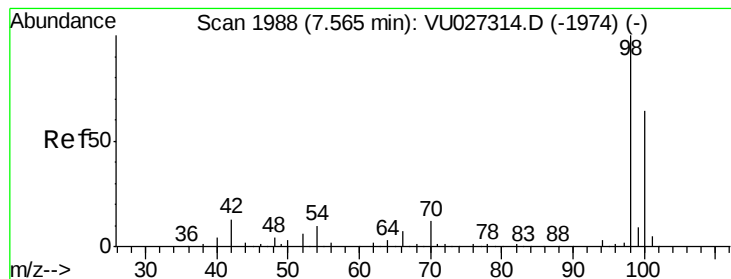


Abundance Ion 116.80 (116.50 to 117.50): VU027419.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027419.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027419.D (-1140) (-)





#50

Toluene-d8

Concen: 59.618 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampled :

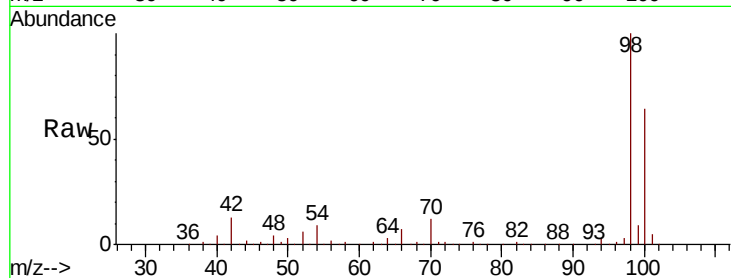
MW-1

Tgt Ion: 98 Resp: 303998

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

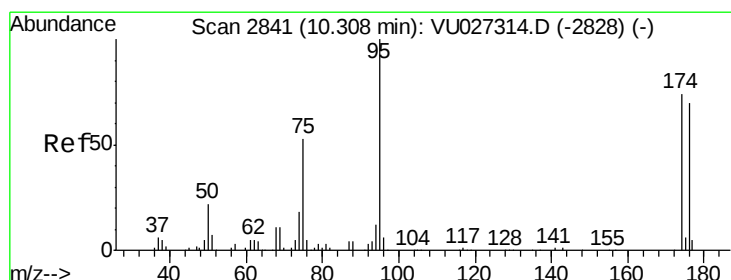
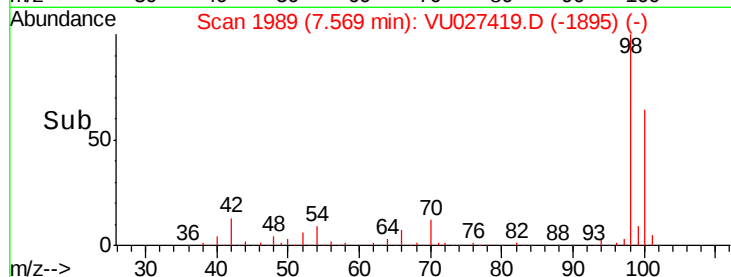
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.366 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

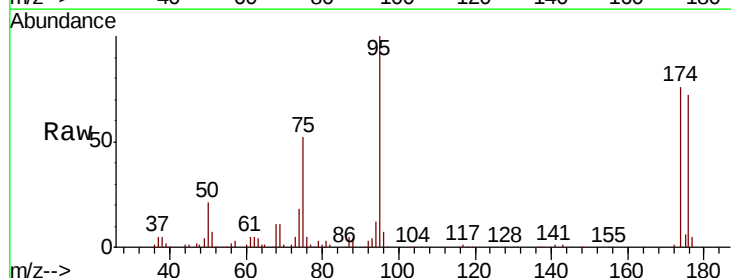
Tgt Ion: 95 Resp: 108711

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.8

176 72.0 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) (-)

10.31

80000

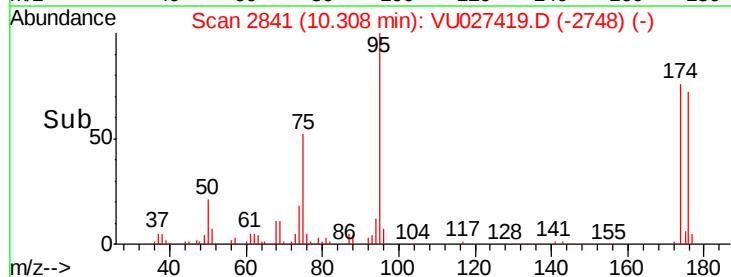
60000

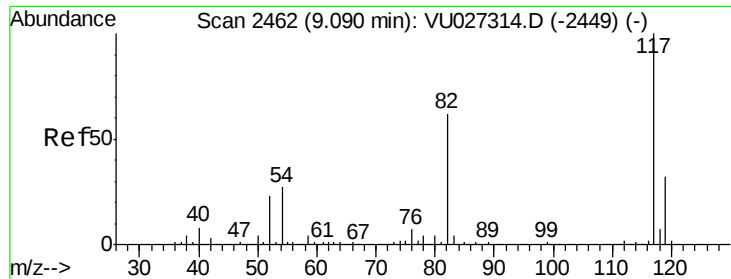
40000

20000

0

Time-->

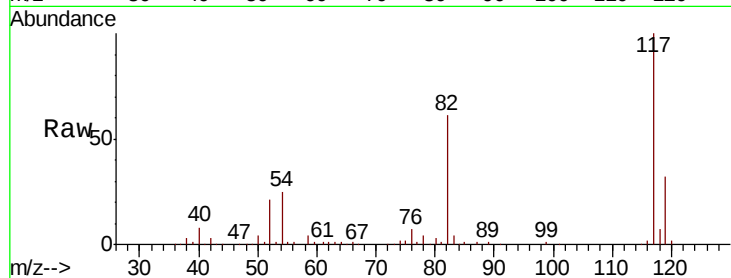




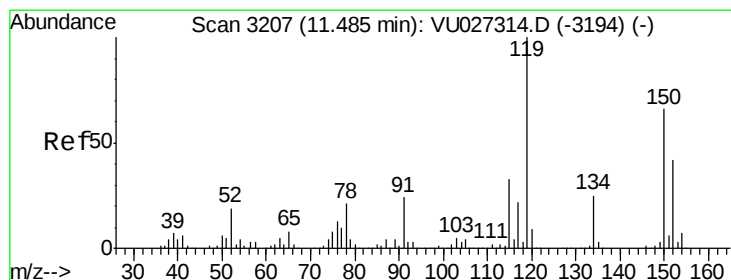
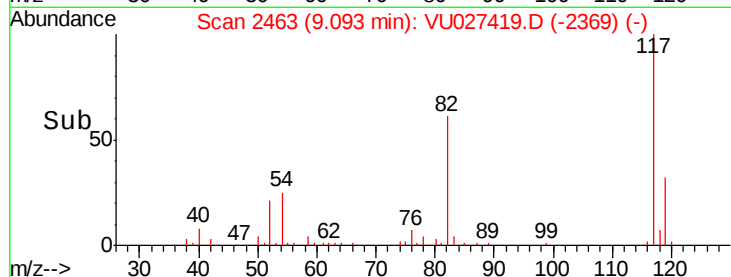
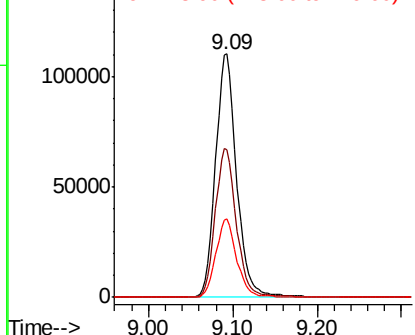
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027419.D
Acq: 04 Oct 2018 19:37

Instrument :
MSVOA_U
ClientSampled :
MW-1

Tgt Ion:117 Resp: 191383
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.0 25.7 38.5

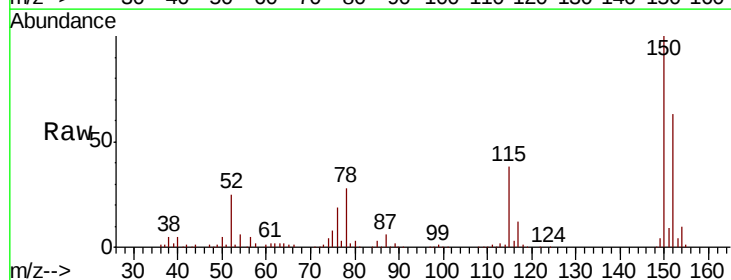


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

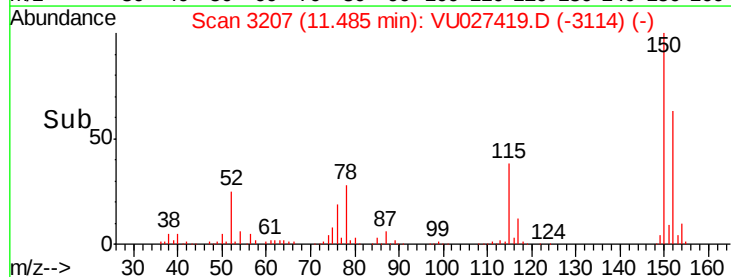
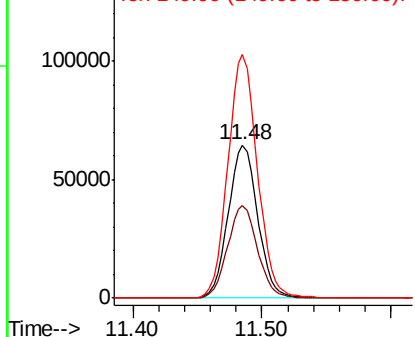


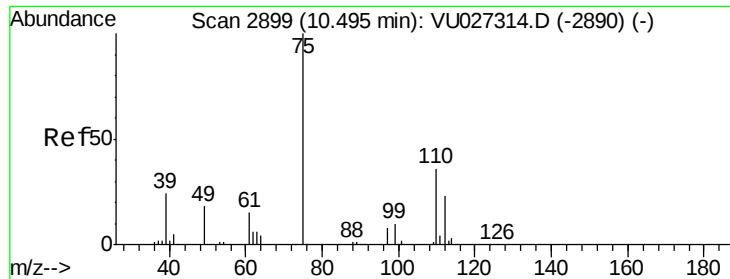
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027419.D
Acq: 04 Oct 2018 19:37

Tgt Ion:152 Resp: 102445
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.2
150 159.0 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: 21.474 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampled :

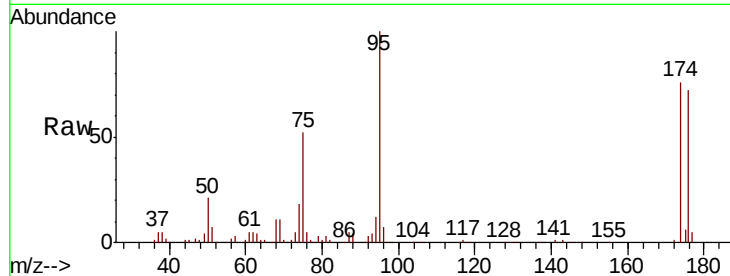
MW-1

Tgt Ion: 75 Resp: 57026

Ion Ratio Lower Upper

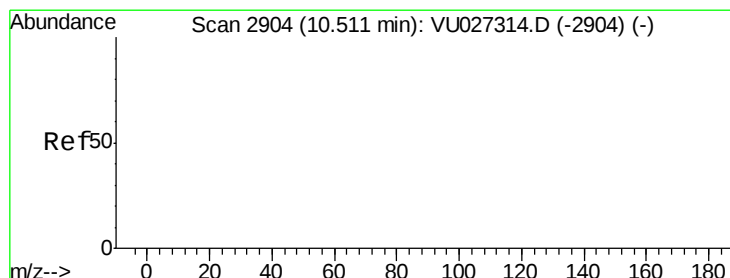
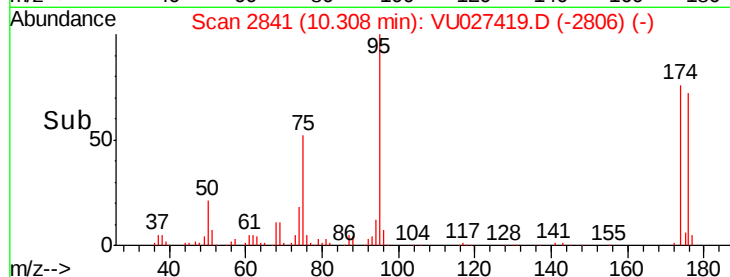
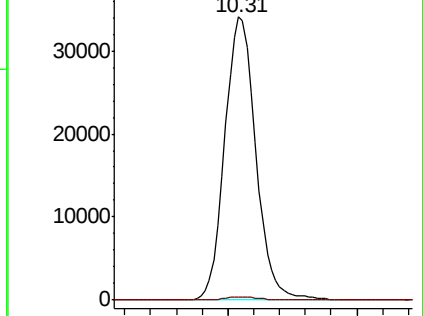
75 100

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: 56.199 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

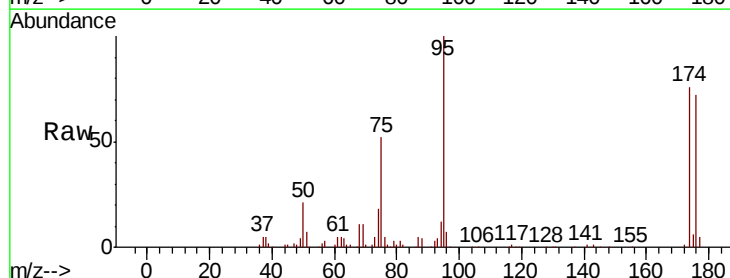
Tgt Ion: 75 Resp: 57026

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

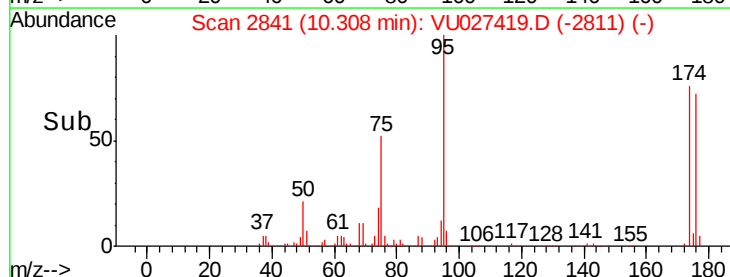
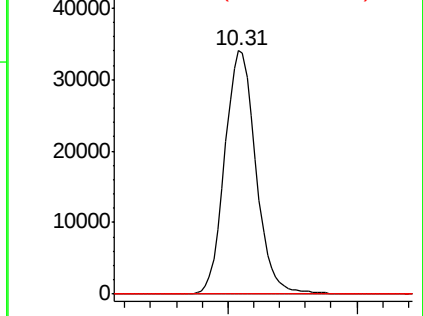
89 0.0 0.0 0.0

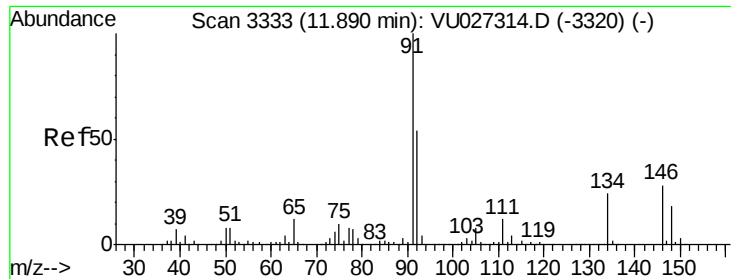


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 1.982 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Instrument :

MSVOA_U

ClientSampled :

MW-1

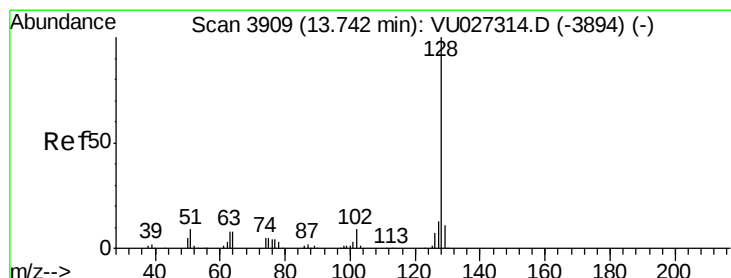
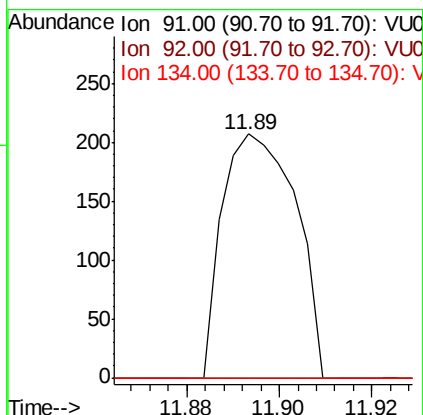
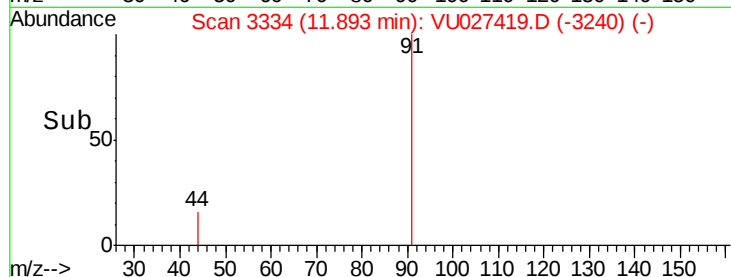
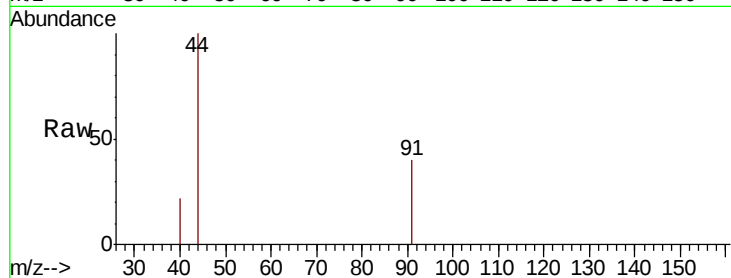
Tgt Ion: 91 Resp: 228

Ion Ratio Lower Upper

91 100

92 0.0 27.0 81.0#

134 0.0 11.7 35.1#



#95

Naphthalene

Concen: 1.674 ug/l

RT: 13.76 min Scan# 3916

Delta R.T. 0.02 min

Lab File: VU027419.D

Acq: 04 Oct 2018 19:37

Tgt Ion: 128 Resp: 115

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

