

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027426.D
 Acq On : 04 Oct 2018 22:20
 Operator : MD/SY
 Sample : J5232-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Quant Time: Oct 05 03:18:43 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	106115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185604	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95300	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	103182	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	4.89	113	74137	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
50) Toluene-d8	7.57	98	285970	60.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.14%	
62) 4-Bromofluorobenzene	10.31	95	102998	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.44%	

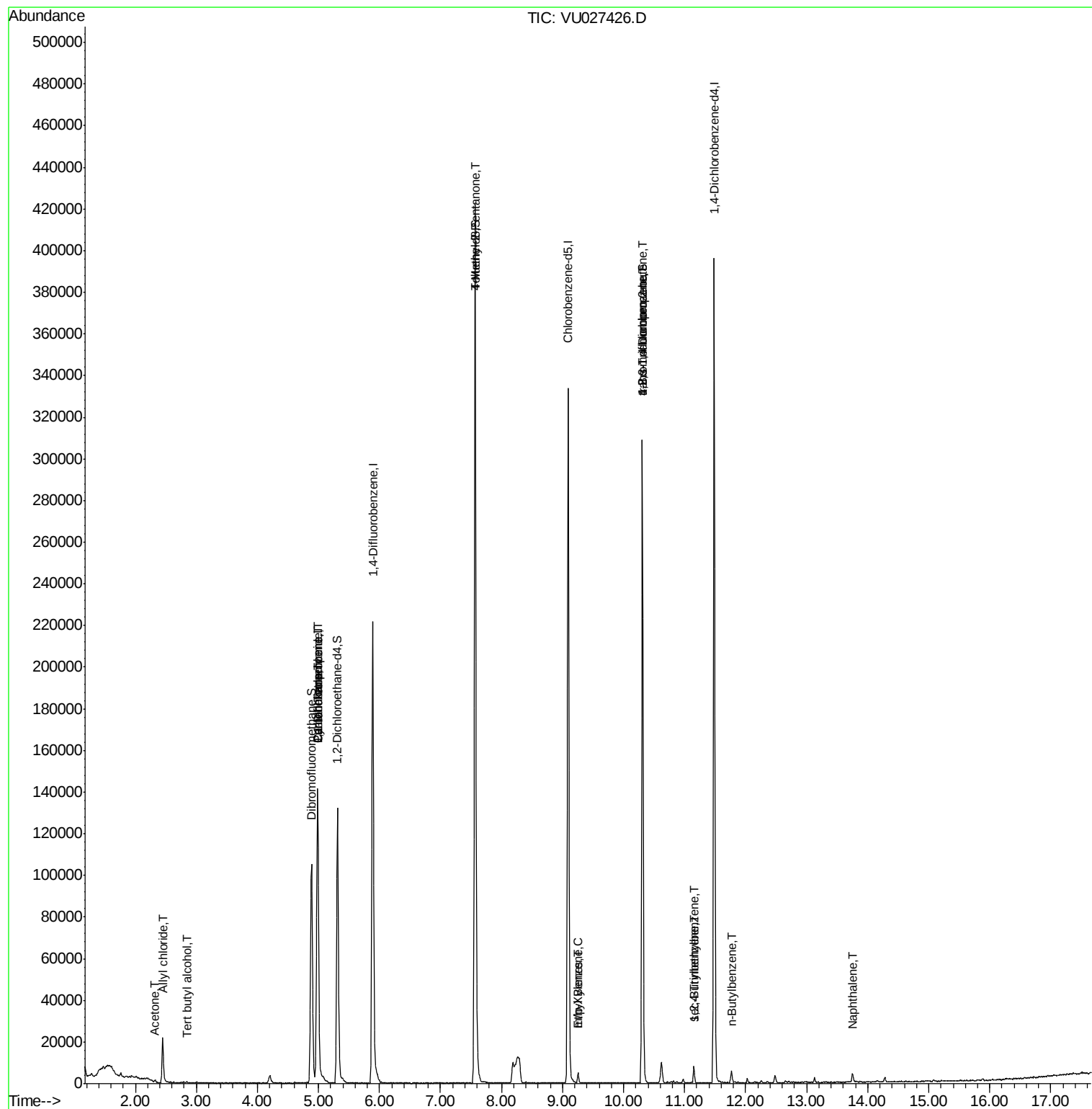
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	380	1.018	ug/l #	72
14) Allyl chloride	2.45	41	2250	0.845	ug/l #	68
16) Acetone	2.32	43	1142	1.091	ug/l	93
31) Cyclohexane	4.99	56	2658	0.701	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9506	4.717	ug/l #	50
38) Carbon Tetrachloride	4.99	117	10733	5.896	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1337	0.509	ug/l #	1
67) Ethyl Benzene	9.25	91	3957	0.593	ug/l	98
68) m/p-Xylenes	9.25	106	1155	0.474	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	54565	22.088	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	54565	57.805	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4682	0.813	ug/l	96
85) sec-Butylbenzene	11.15	105	4682	0.682	ug/l #	58
89) n-Butylbenzene	11.77	91	442	2.018	ug/l #	33
95) Naphthalene	13.75	128	4529	2.268	ug/l #	83

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027426.D
Acq On : 04 Oct 2018 22:20
Operator : MD/SY
Sample : J5232-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Quant Time: Oct 05 03:18:43 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: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampleId :

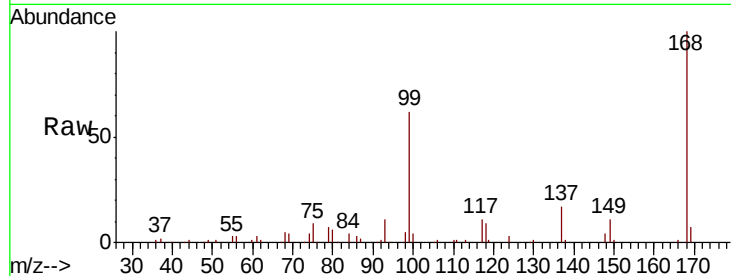
MW-8

Tgt Ion:168 Resp: 106115

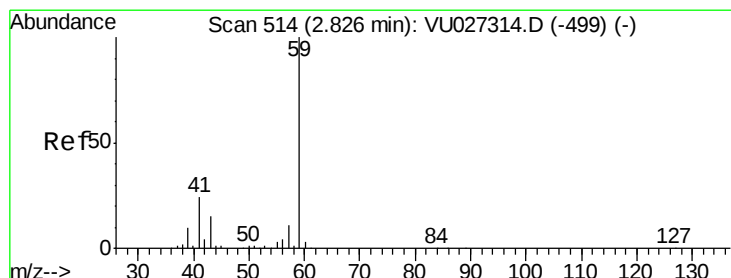
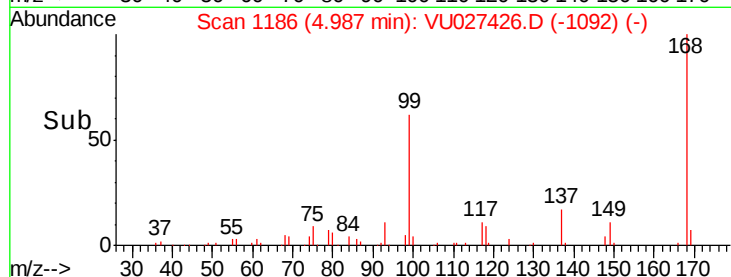
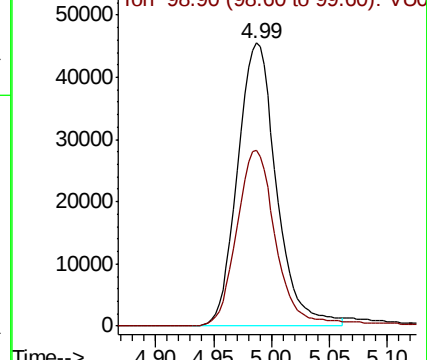
Ion Ratio Lower Upper

168 100

99 62.0 50.8 76.2



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



#11

Tert butyl alcohol

Concen: 1.018 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027426.D

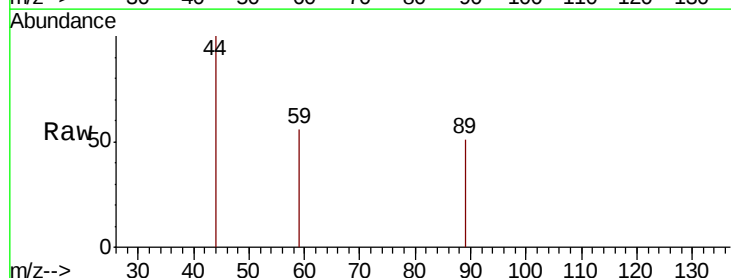
Acq: 04 Oct 2018 22:20

Tgt Ion: 59 Resp: 380

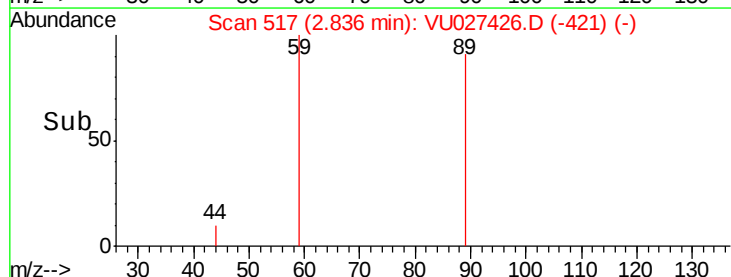
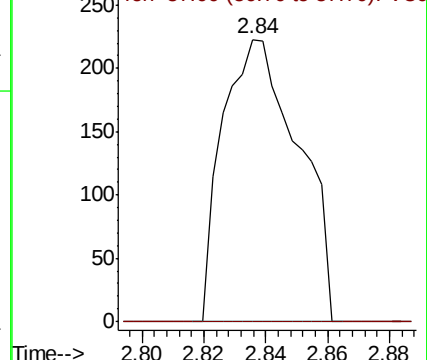
Ion Ratio Lower Upper

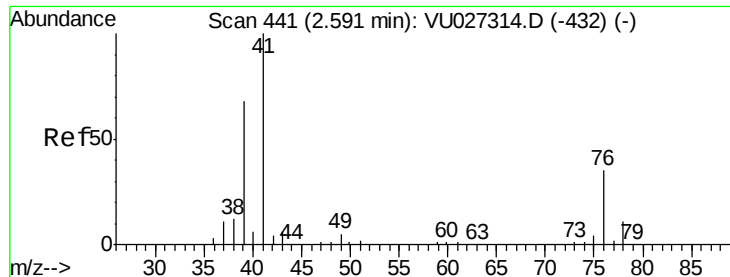
59 100

57 0.0 8.4 12.6#



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

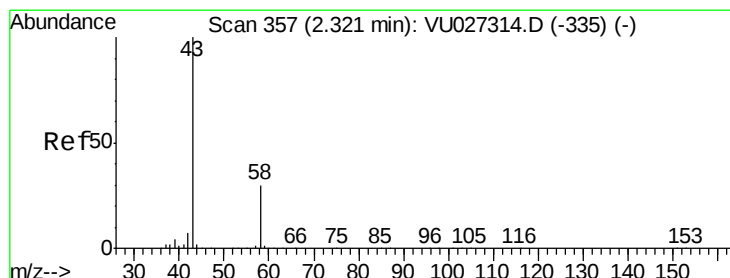
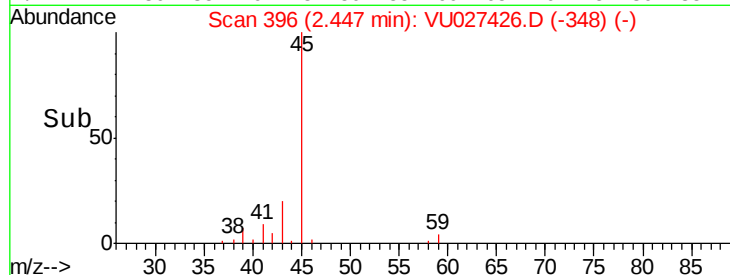
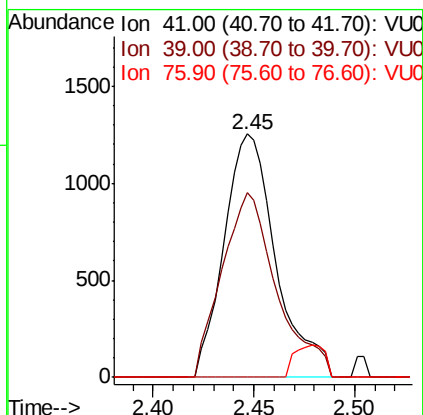
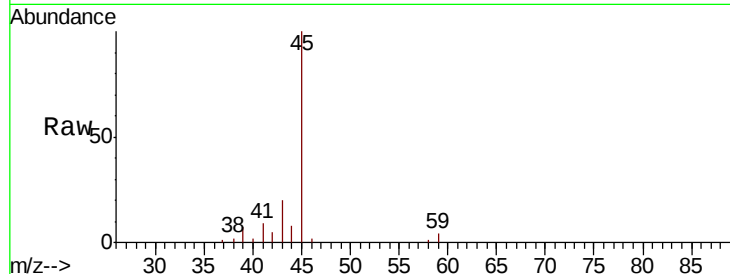




#14
 Allyl chloride
 Concen: 0.845 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

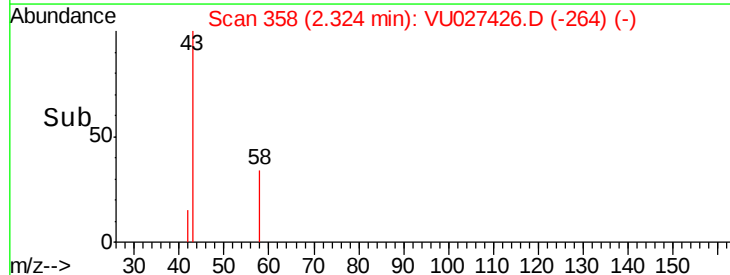
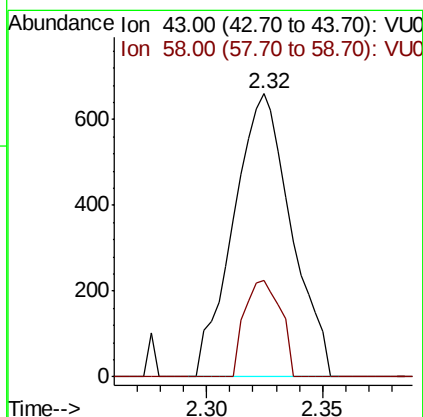
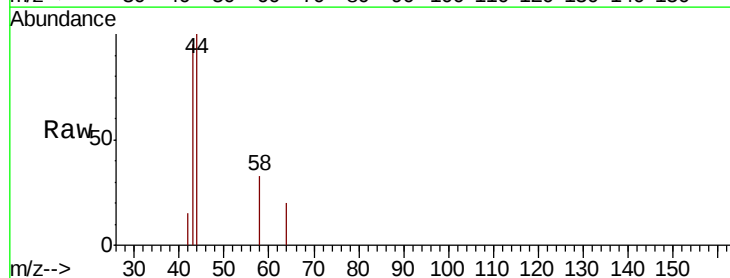
Instrument :
 MSVOA_U
 ClientSampled :
 MW-8

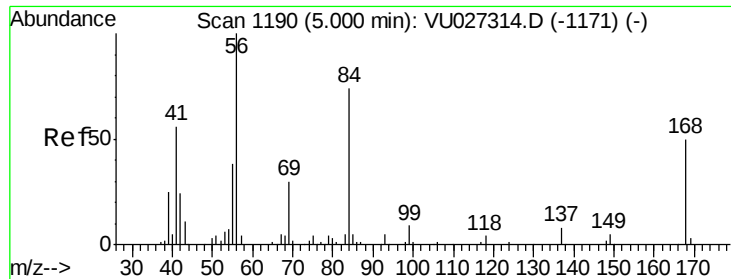
Tgt Ion: 41 Resp: 2250
 Ion Ratio Lower Upper
 41 100
 39 79.9 51.8 77.8#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 1.091 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Tgt Ion: 43 Resp: 1142
 Ion Ratio Lower Upper
 43 100
 58 34.2 24.2 36.4

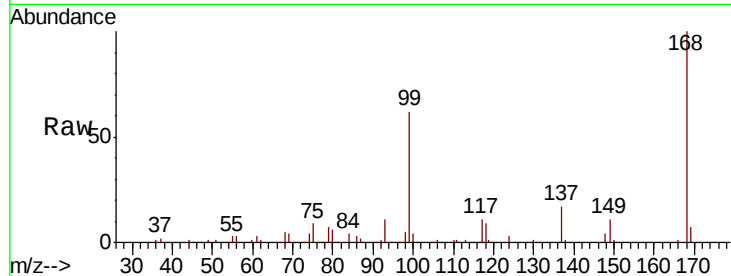




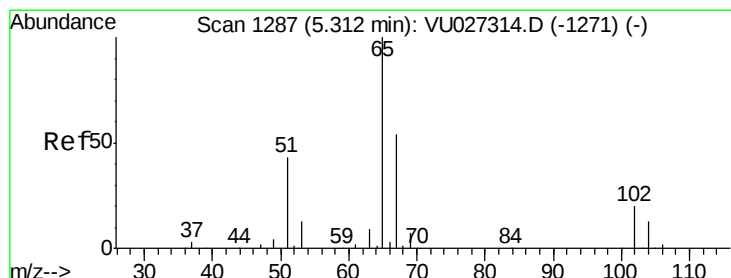
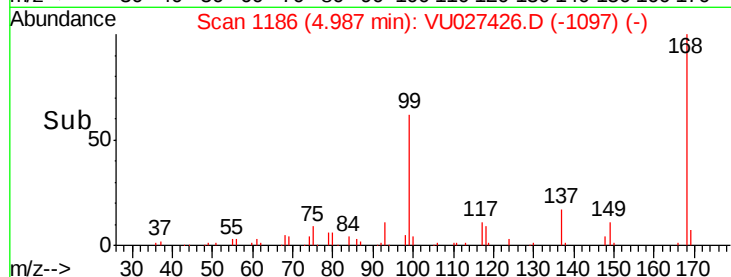
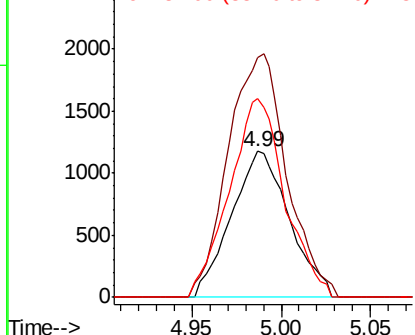
#31
Cyclohexane
Concen: 0.701 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027426.D
Acq: 04 Oct 2018 22:20

Instrument :
MSVOA_U
ClientSampled :
MW-8

Tgt Ion: 56 Resp: 2658
Ion Ratio Lower Upper
56 100
69 164.4 24.1 36.1#
84 136.4 59.1 88.7#

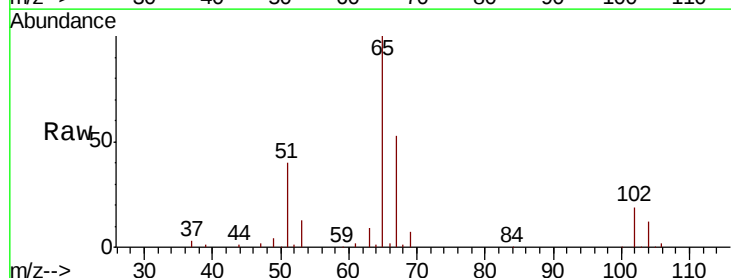


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

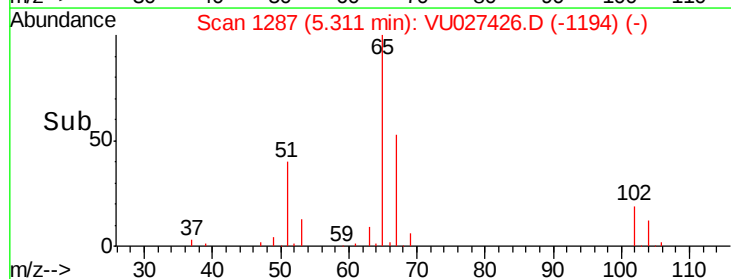
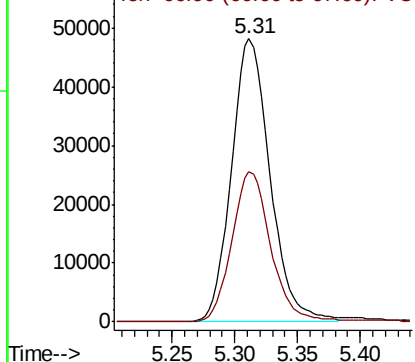


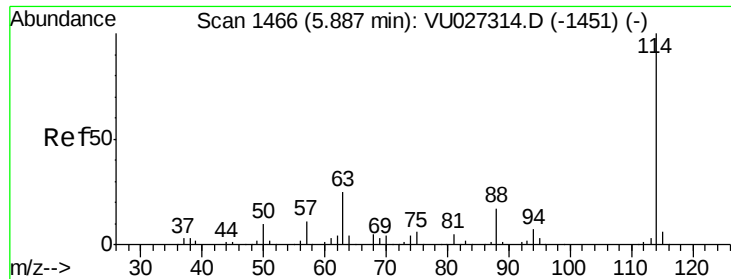
#33
1,2-Dichloroethane-d4
Concen: 58.231 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027426.D
Acq: 04 Oct 2018 22:20

Tgt Ion: 65 Resp: 103182
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8



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

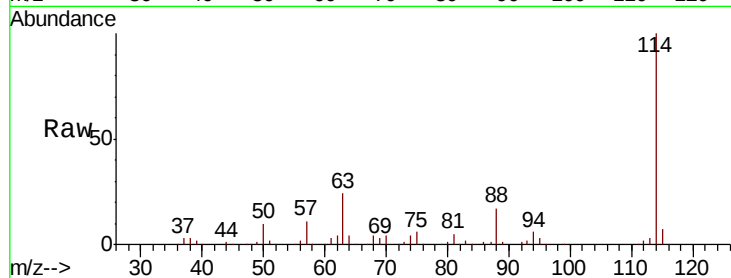




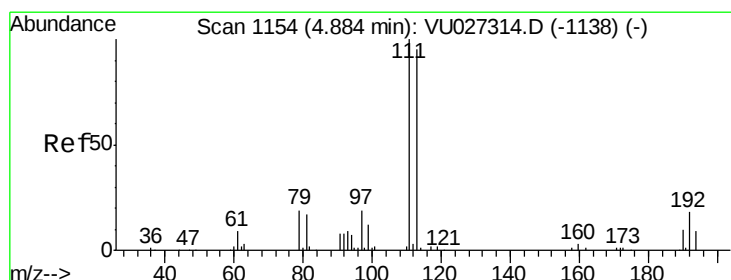
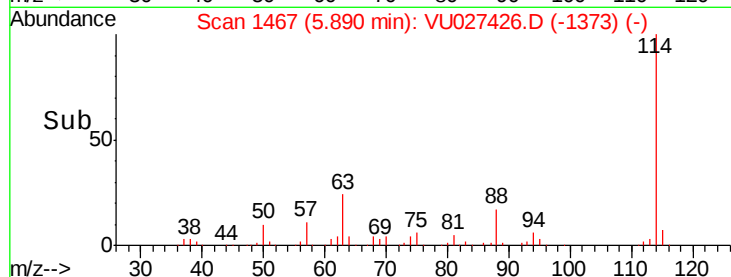
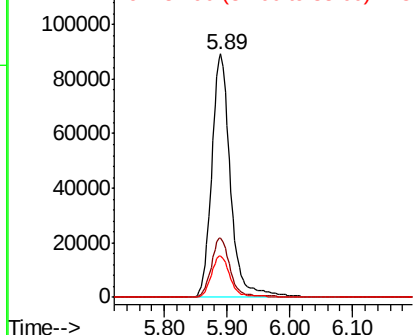
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Tgt Ion:114 Resp: 185604
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.2
 88 17.1 0.0 33.8

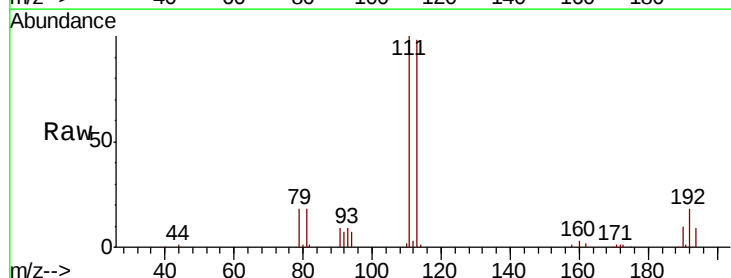


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

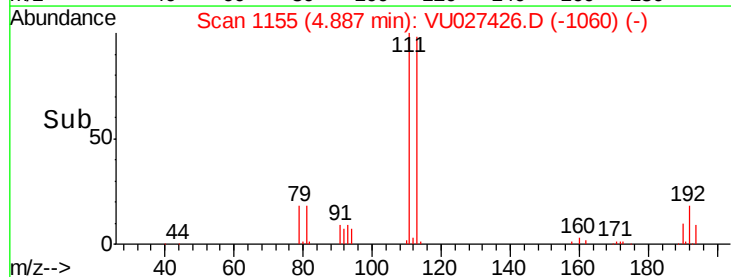
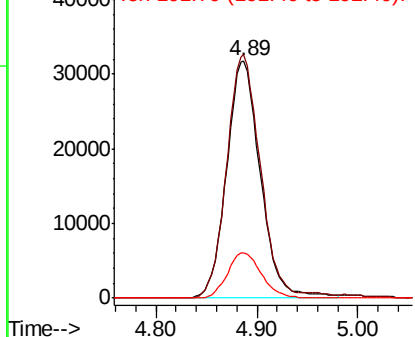


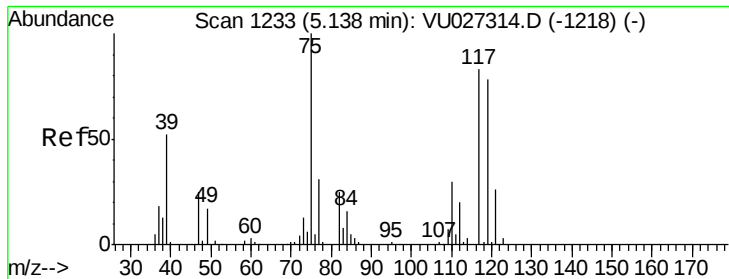
#35
 Dibromofluoromethane
 Concen: 58.284 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Tgt Ion:113 Resp: 74137
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 19.1 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

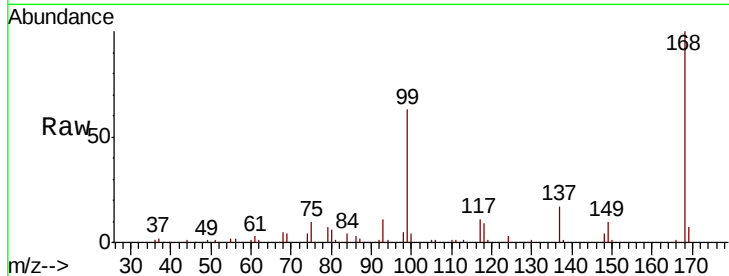




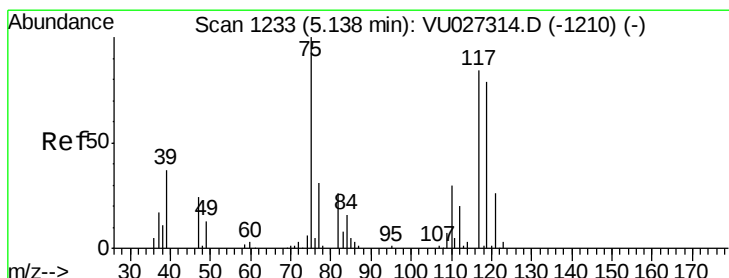
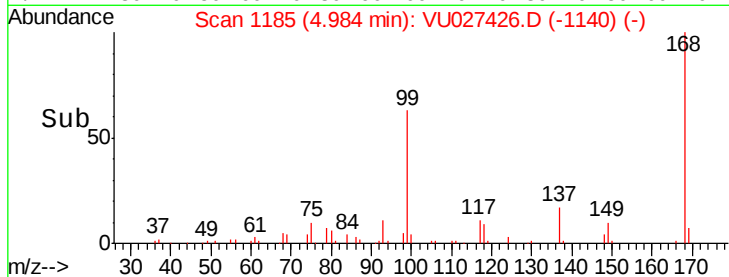
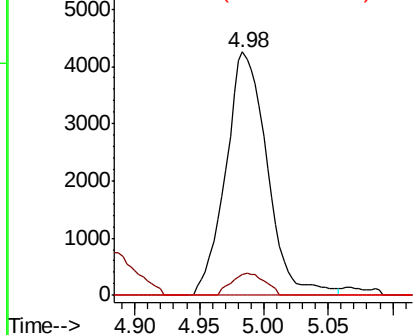
#36
 1,1-Dichloropropene
 Concen: 4.717 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Instrument :
 MSVOA_U
 ClientSampled :
 MW-8

Tgt Ion: 75 Resp: 9506
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.5 46.5#
 77 0.0 25.4 38.0#

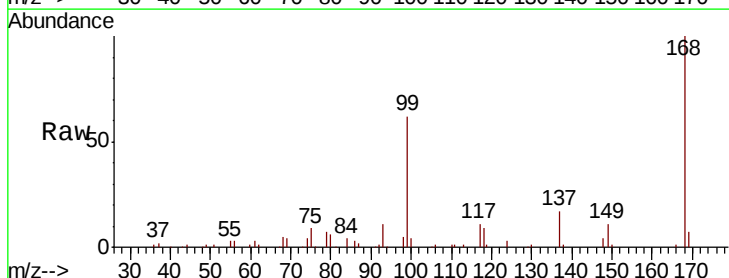


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

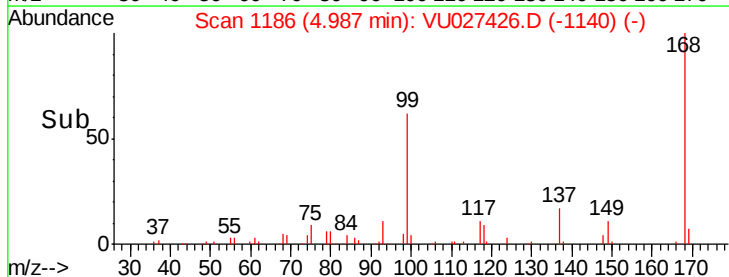
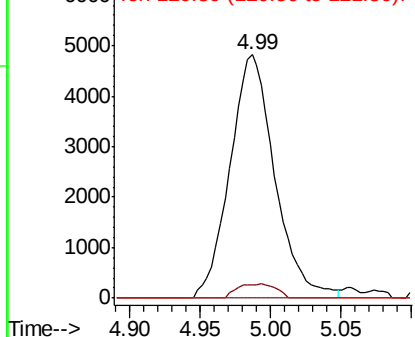


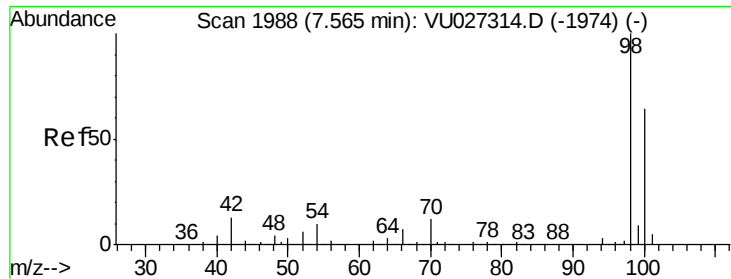
#38
 Carbon Tetrachloride
 Concen: 5.896 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Tgt Ion: 117 Resp: 10733
 Ion Ratio Lower Upper
 117 100
 119 5.2 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: 60.069 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampleId :

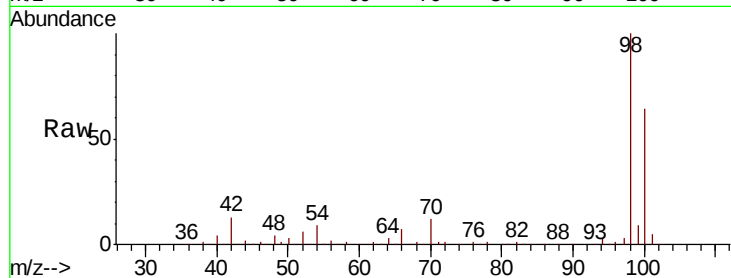
MW-8

Tgt Ion: 98 Resp: 285970

Ion Ratio Lower Upper

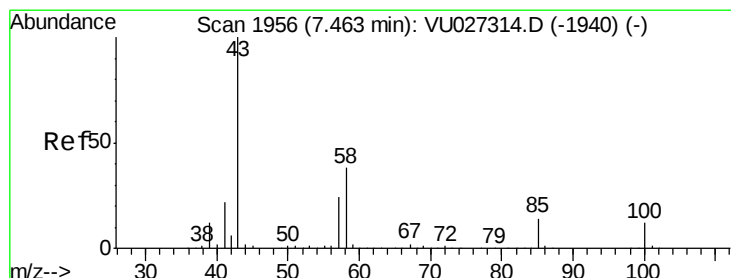
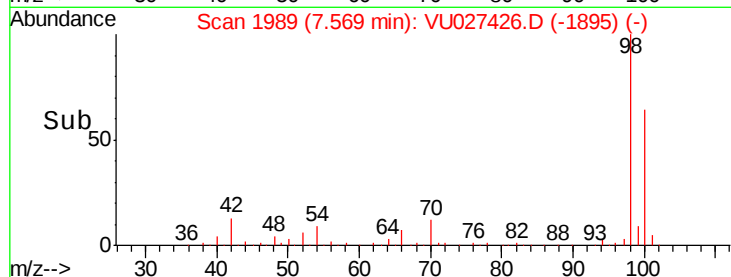
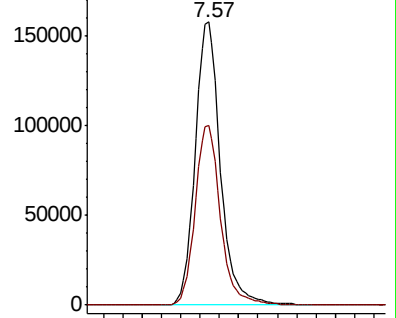
98 100

100 63.9 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) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027426.D

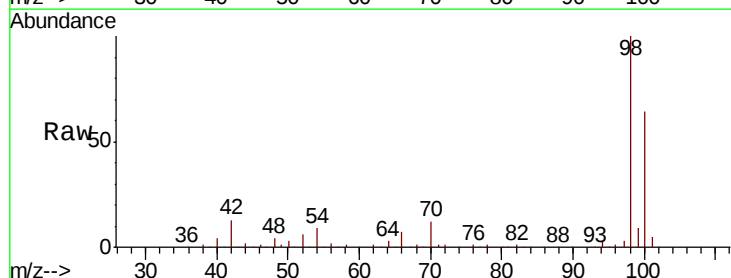
Acq: 04 Oct 2018 22:20

Tgt Ion: 43 Resp: 1337

Ion Ratio Lower Upper

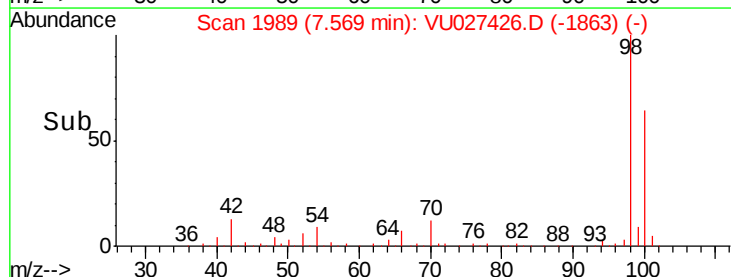
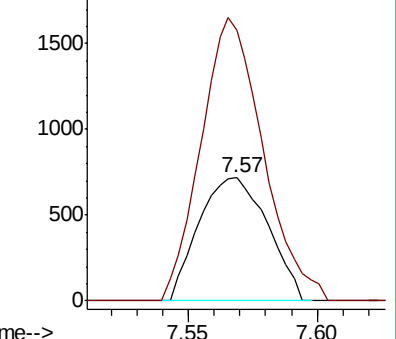
43 100

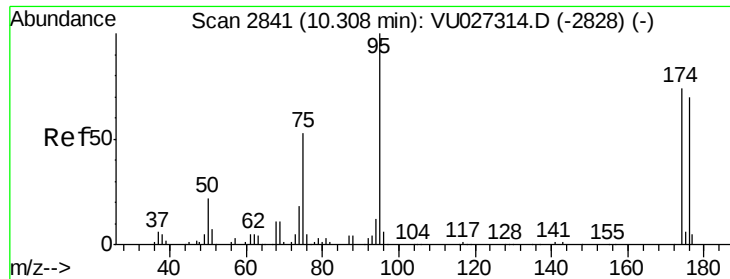
58 207.3 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)





#62

4-Bromofluorobenzene

Concen: 58.215 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampleId :

MW-8

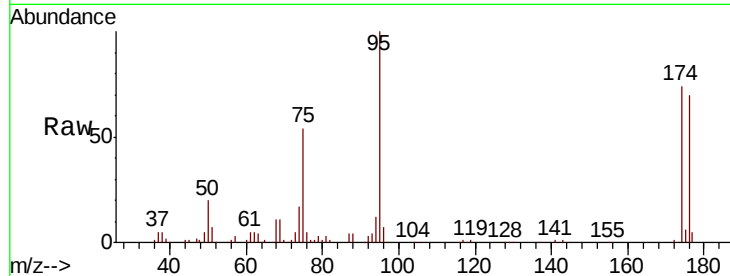
Tgt Ion: 95 Resp: 102998

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.8

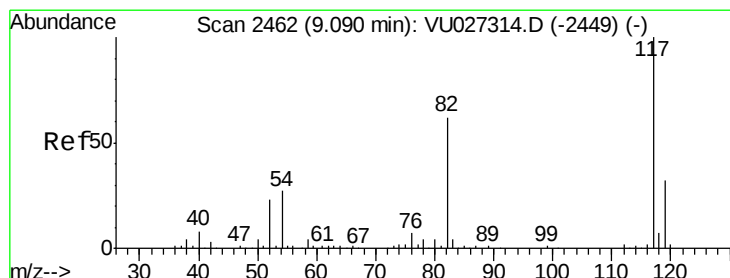
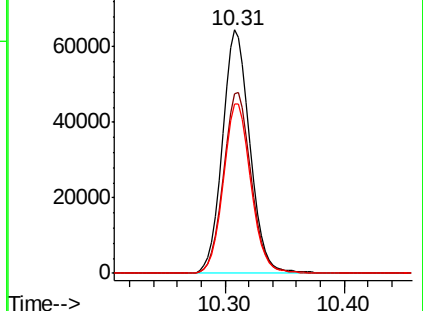
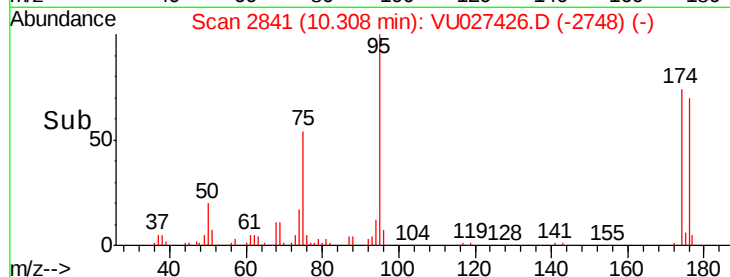
176 70.1 0.0 140.8



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: VU027426.D

Acq: 04 Oct 2018 22:20

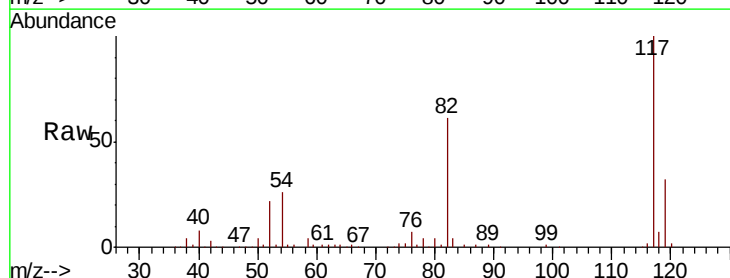
Tgt Ion: 117 Resp: 178782

Ion Ratio Lower Upper

117 100

82 60.8 49.2 73.8

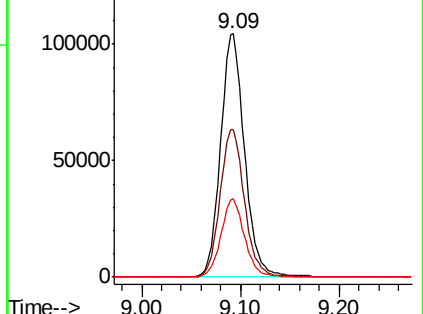
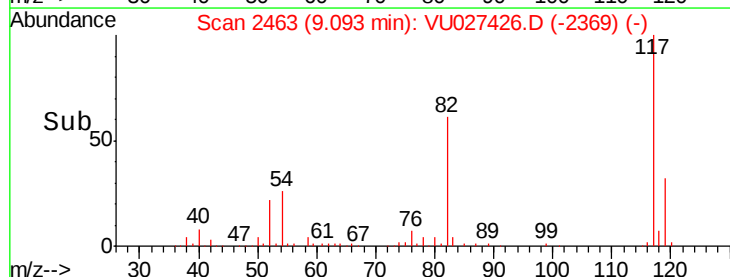
119 32.3 25.7 38.5

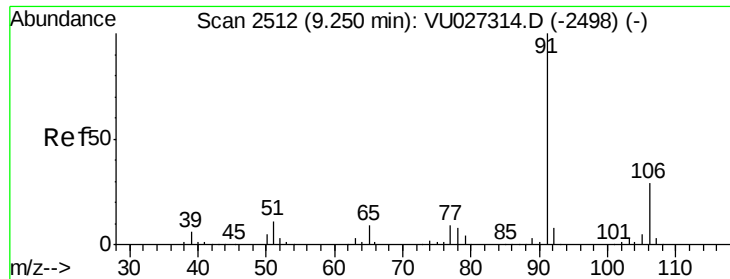


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

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

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

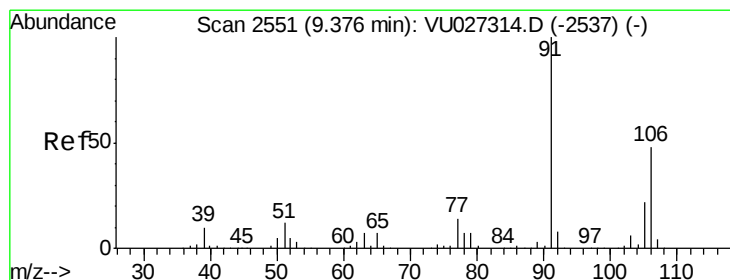
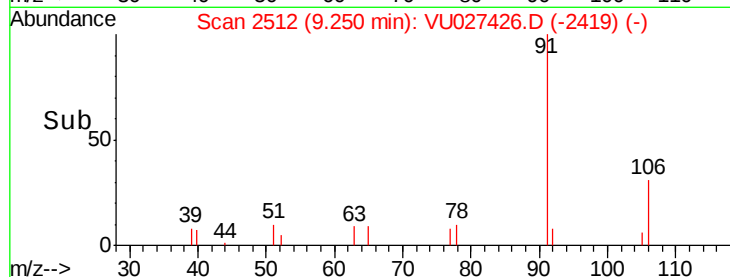
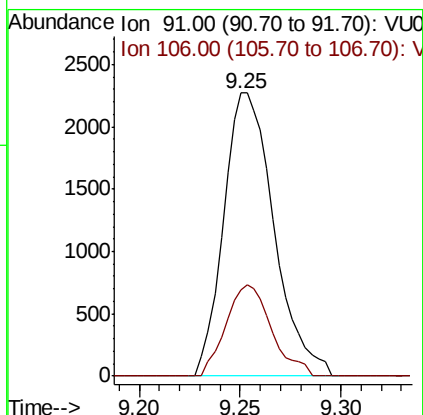
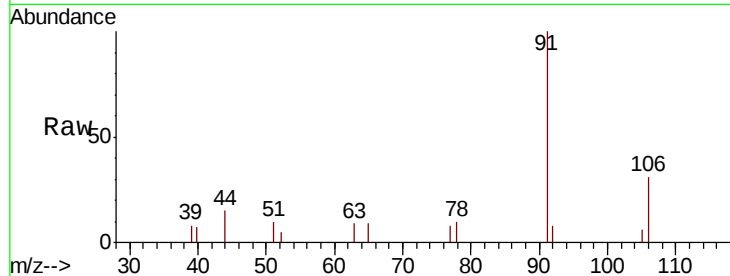




#67
Ethyl Benzene
Concen: 0.593 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027426.D
Acq: 04 Oct 2018 22:20

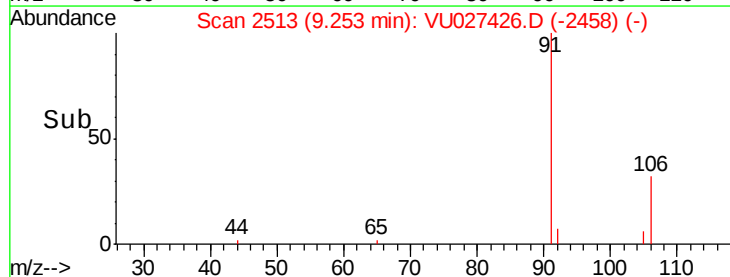
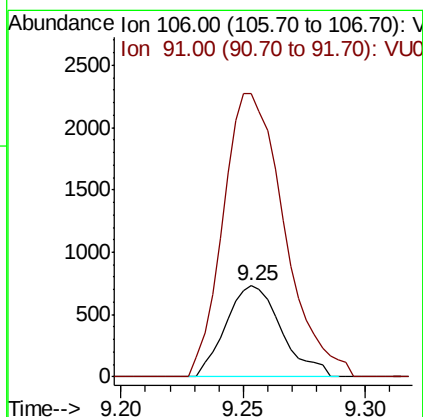
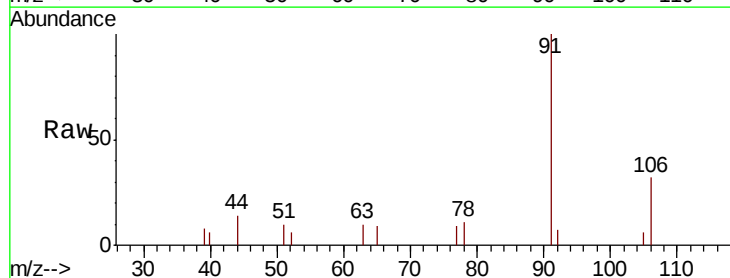
Instrument :
MSVOA_U
ClientSampled :
MW-8

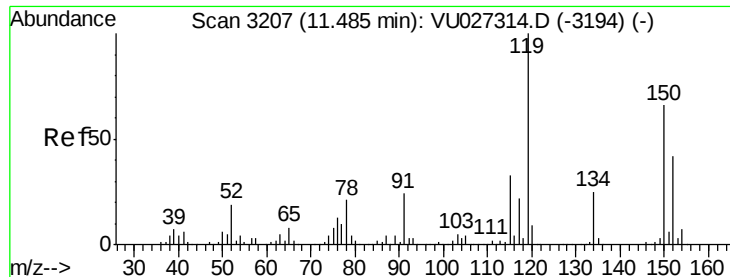
Tgt Ion: 91 Resp: 3957
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 0.474 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. -0.12 min
Lab File: VU027426.D
Acq: 04 Oct 2018 22:20

Tgt Ion: 106 Resp: 1155
Ion Ratio Lower Upper
106 100
91 342.6 168.1 252.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampled :

MW-8

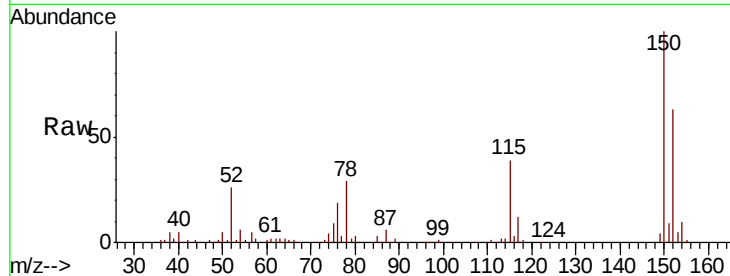
Tgt Ion: 152 Resp: 95300

Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.2

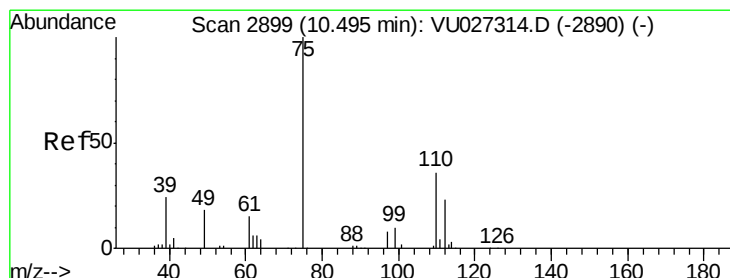
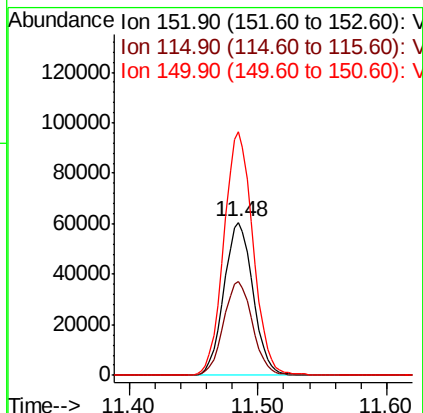
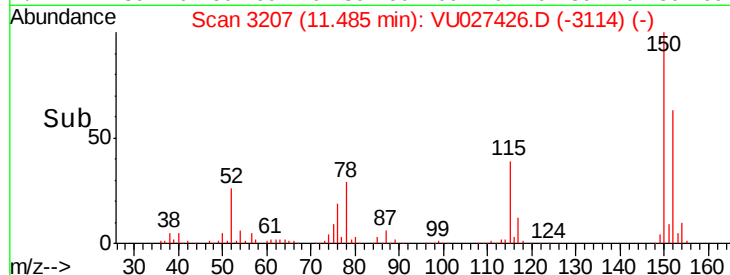
150 158.7 0.0 349.2



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: 22.088 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027426.D

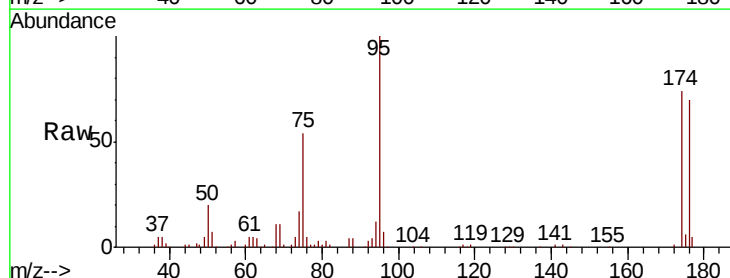
Acq: 04 Oct 2018 22:20

Tgt Ion: 75 Resp: 54565

Ion Ratio Lower Upper

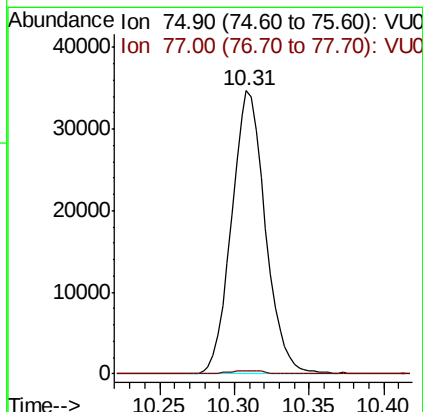
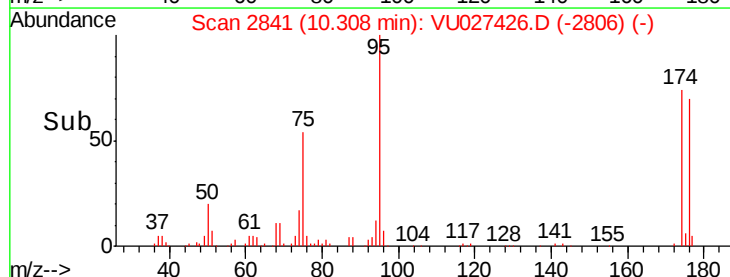
75 100

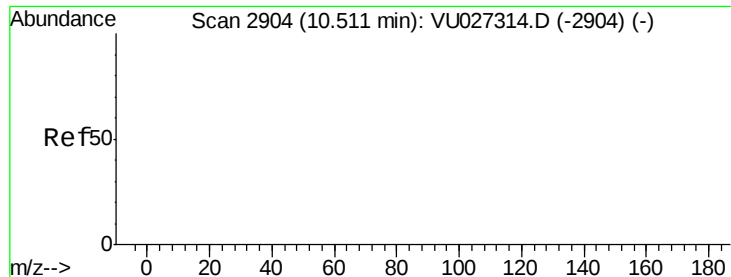
77 1.2 20.3 60.9#



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: 57.805 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampleId :

MW-8

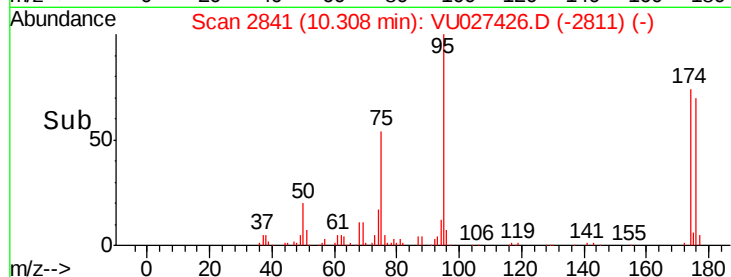
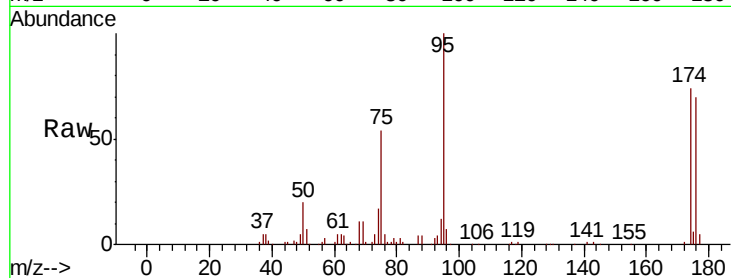
Tgt Ion: 75 Resp: 54565

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

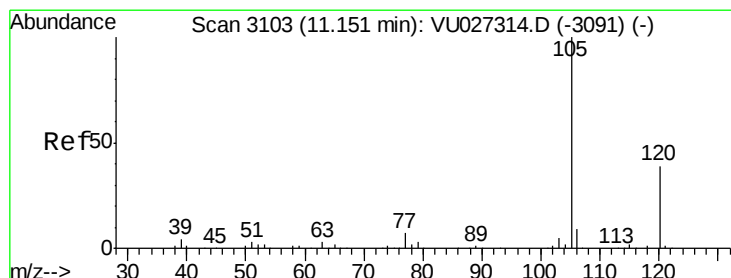
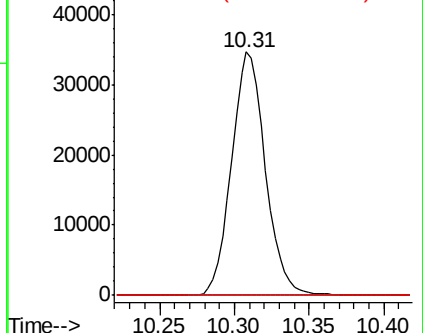
89 0.0 0.0 0.0



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: 0.813 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. -0.00 min

Lab File: VU027426.D

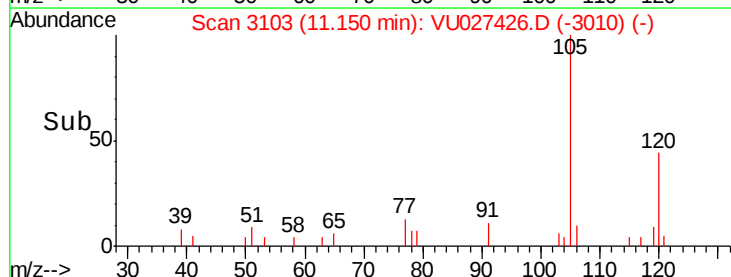
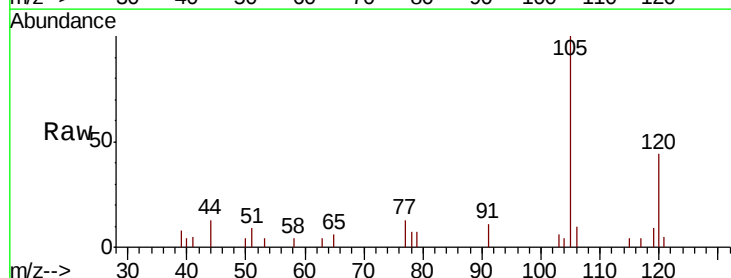
Acq: 04 Oct 2018 22:20

Tgt Ion: 105 Resp: 4682

Ion Ratio Lower Upper

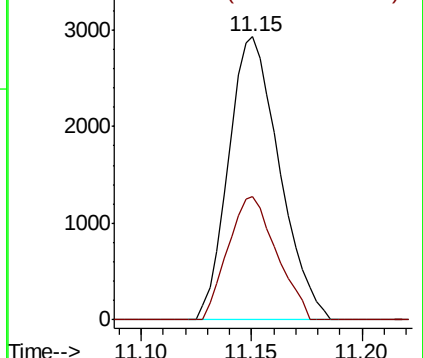
105 100

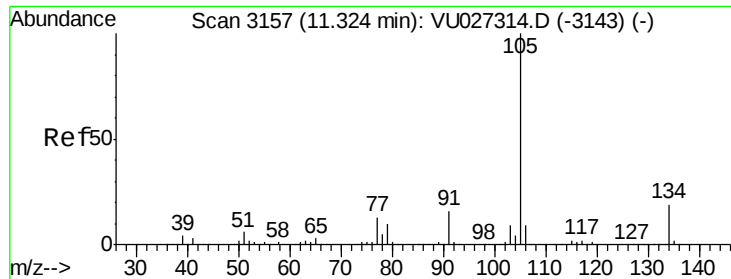
120 41.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

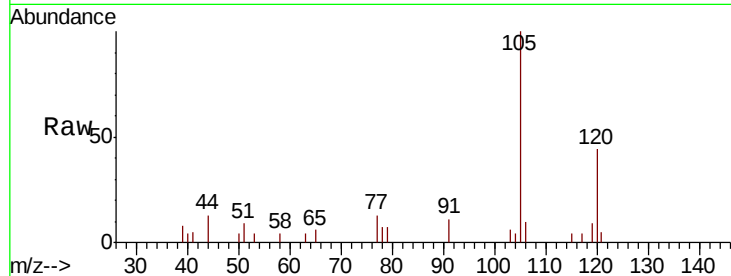




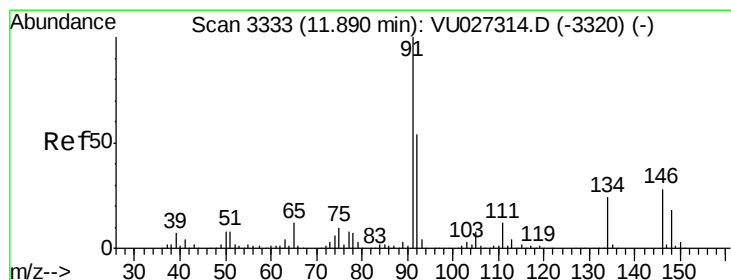
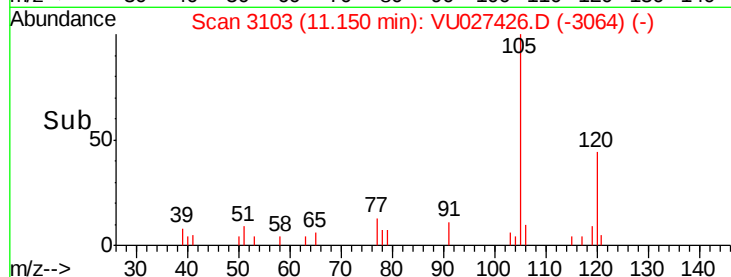
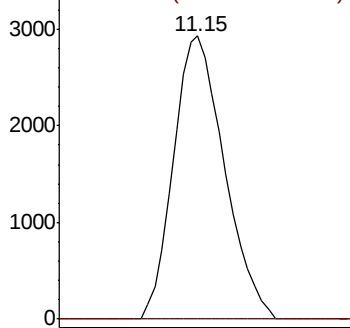
#85
 sec-Butylbenzene
 Concen: 0.682 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Tgt Ion: 105 Resp: 4682
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

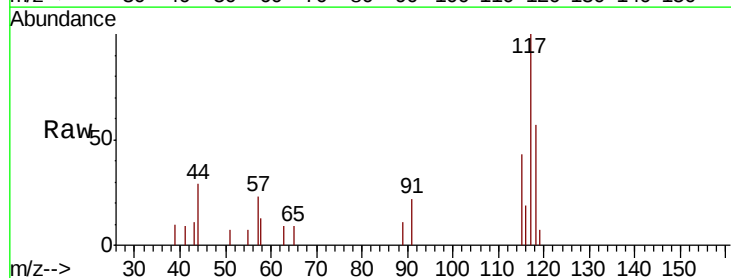


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

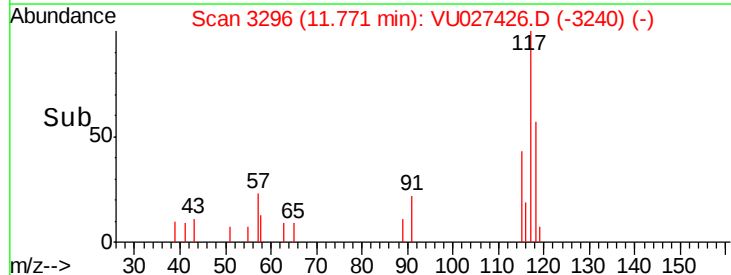
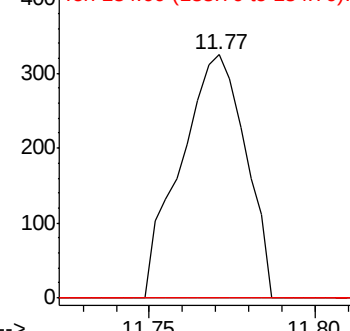


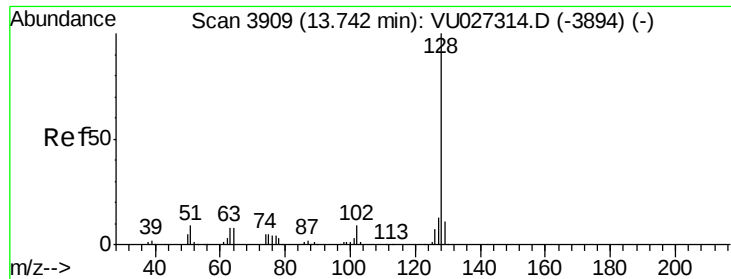
#89
 n-Butylbenzene
 Concen: 2.018 ug/l
 RT: 11.77 min Scan# 3296
 Delta R.T. -0.12 min
 Lab File: VU027426.D
 Acq: 04 Oct 2018 22:20

Tgt Ion: 91 Resp: 442
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.0 81.0#
 134 0.0 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





#95

Naphthalene

Concen: 2.268 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027426.D

Acq: 04 Oct 2018 22:20

Instrument :

MSVOA_U

ClientSampleId :

MW-8

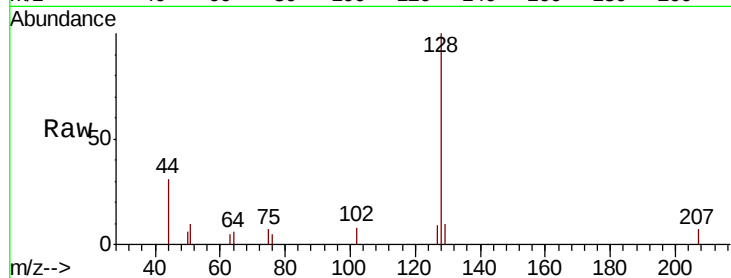
Tgt Ion:128 Resp: 4529

Ion Ratio Lower Upper

128 100

127 5.1 10.5 15.7#

129 6.1 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

