

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027375.D
 Acq On : 03 Oct 2018 23:02
 Operator : MD/SY
 Sample : J5163-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Oct 04 00:01:05 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	90073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161976	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70137	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	96910	64.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.86%	
35) Dibromofluoromethane	4.89	113	68639	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
50) Toluene-d8	7.57	98	247066	59.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.94%	
62) 4-Bromofluorobenzene	10.31	95	78869	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	

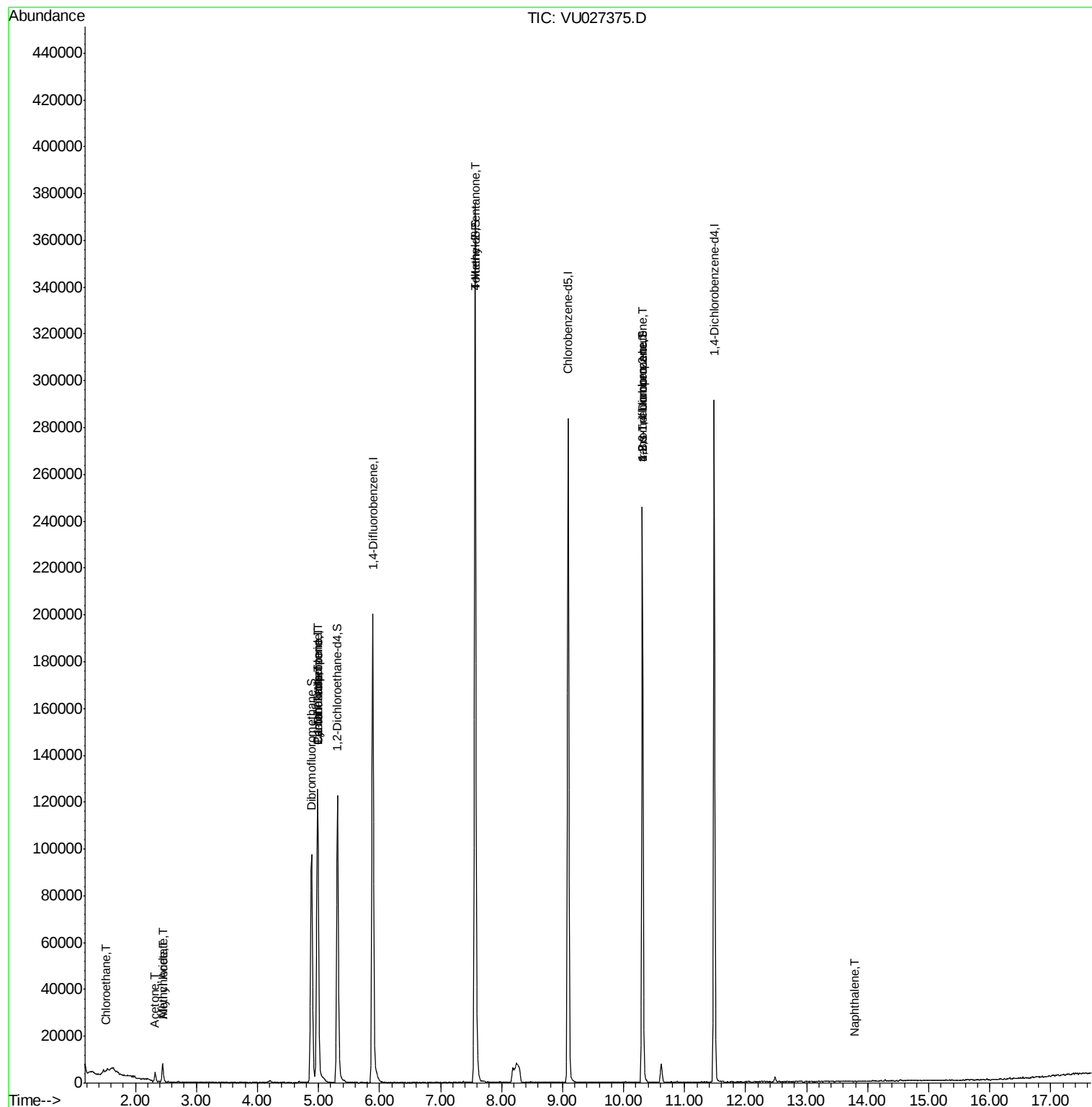
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.52	64	590	0.594	ug/l #	44
14) Allyl chloride	2.45	41	804	0.356	ug/l #	72
16) Acetone	2.32	43	3944	4.439	ug/l	94
18) Methyl Acetate	2.45	43	2118	1.045	ug/l #	56
31) Cyclohexane	4.98	56	2298	0.718	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8379	4.764	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9571	6.025	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1242	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42942	23.619	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	42942	61.813	ug/l #	100
95) Naphthalene	13.78	128	41	1.667	ug/l #	69

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

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Instrument :
MSVOA_U
ClientSampleId :
MW-3

Quant Time: Oct 04 00:01:05 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: VU027375.D

Acq: 03 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

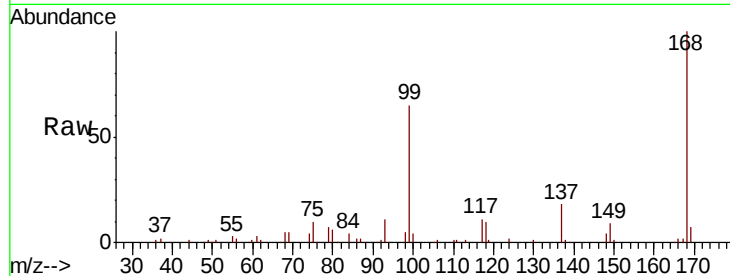
MW-3

Tgt Ion:168 Resp: 90073

Ion Ratio Lower Upper

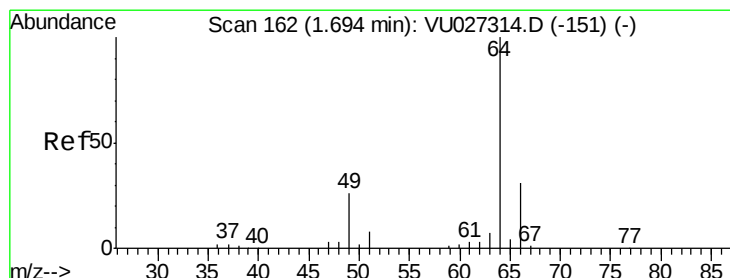
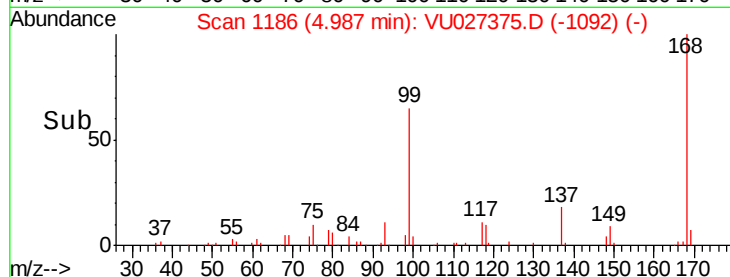
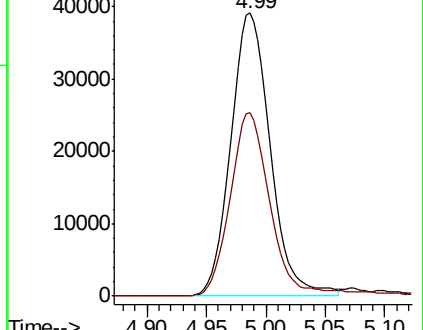
168 100

99 64.9 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: 0.594 ug/l

RT: 1.52 min Scan# 107

Delta R.T. -0.18 min

Lab File: VU027375.D

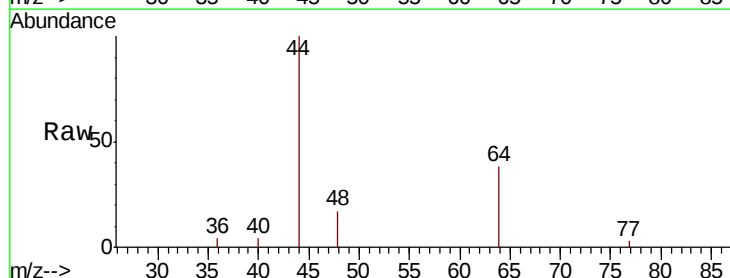
Acq: 03 Oct 2018 23:02

Tgt Ion: 64 Resp: 590

Ion Ratio Lower Upper

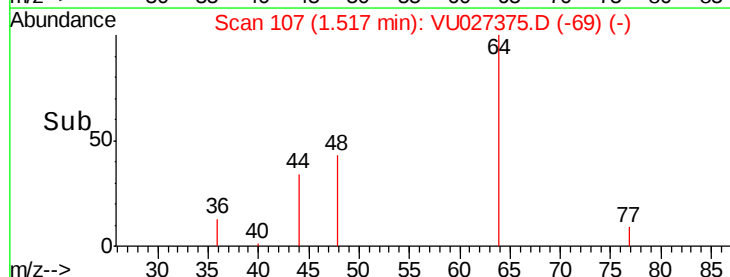
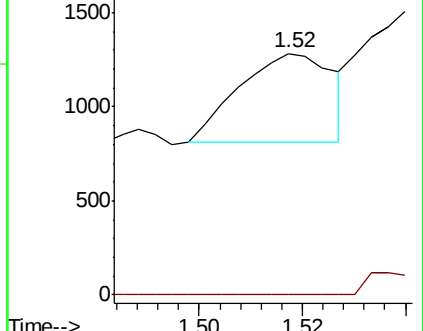
64 100

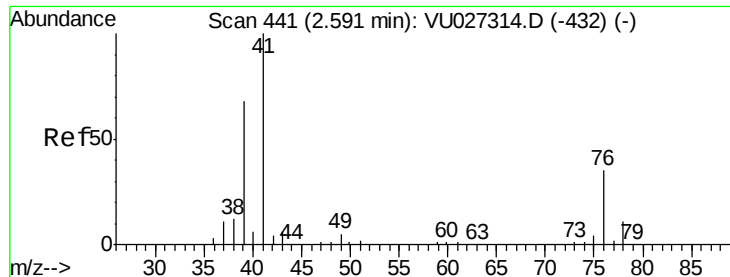
66 0.0 24.6 36.8#



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

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

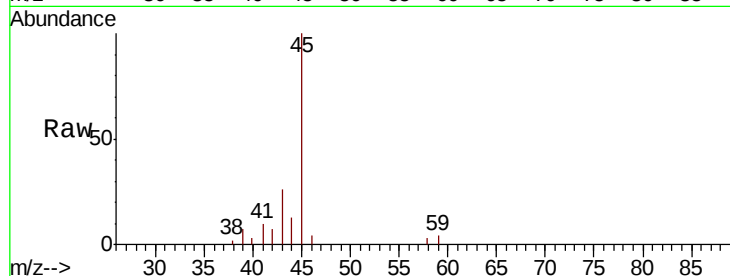




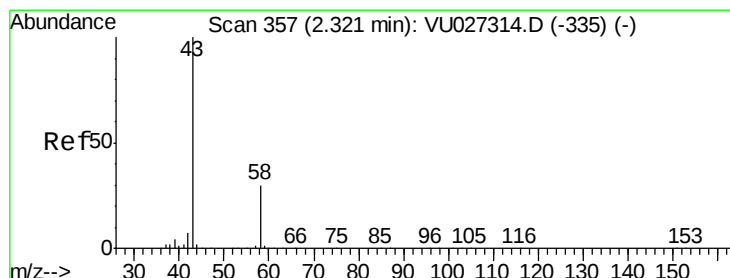
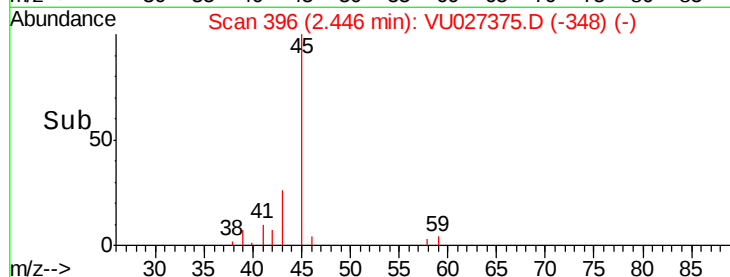
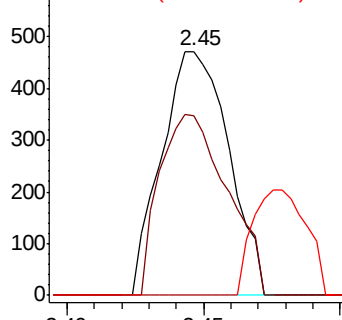
#14
 Allyl chloride
 Concen: 0.356 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

Tgt Ion: 41 Resp: 804
 Ion Ratio Lower Upper
 41 100
 39 75.0 51.8 77.8
 76 0.0 25.9 38.9#

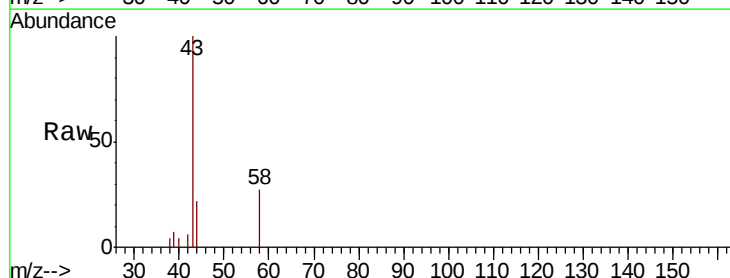


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

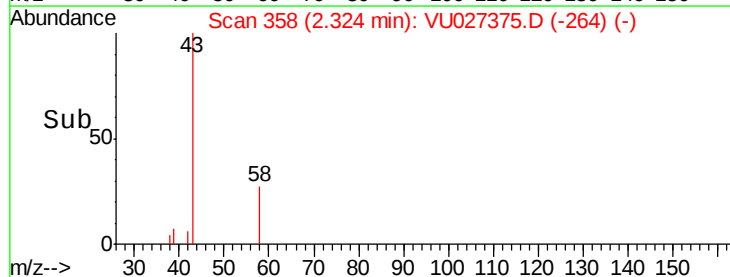
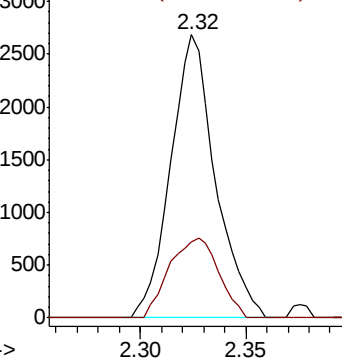


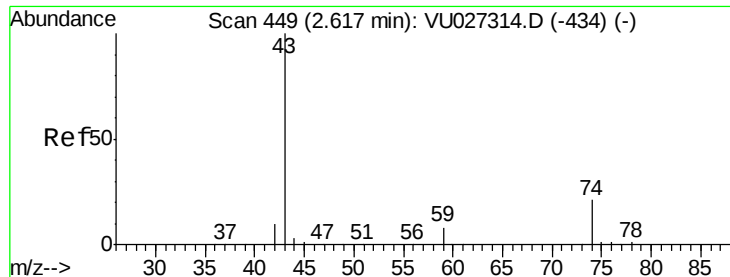
#16
 Acetone
 Concen: 4.439 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

Tgt Ion: 43 Resp: 3944
 Ion Ratio Lower Upper
 43 100
 58 27.1 24.2 36.4



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

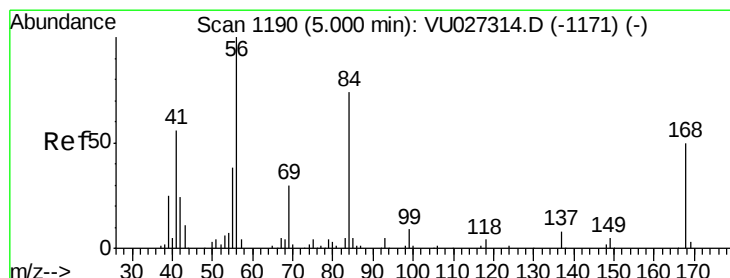
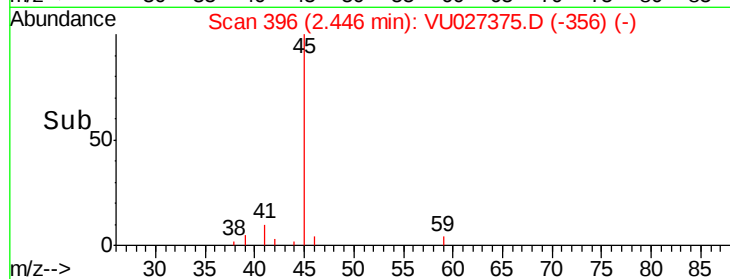
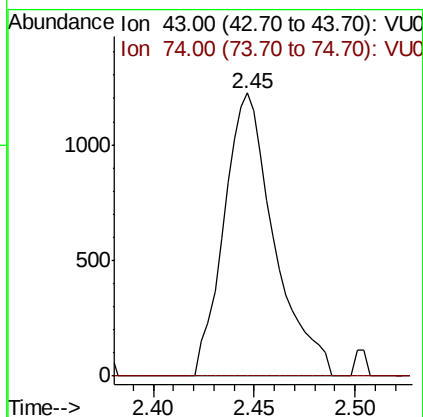
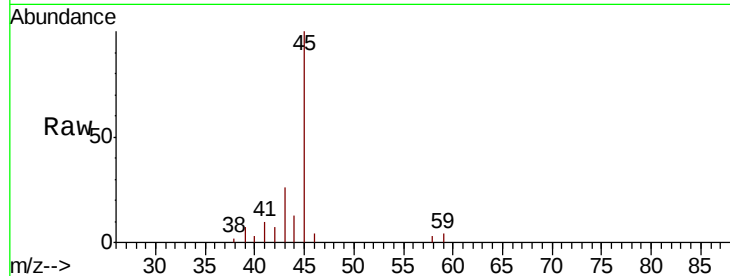




#18
Methyl Acetate
Concen: 1.045 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

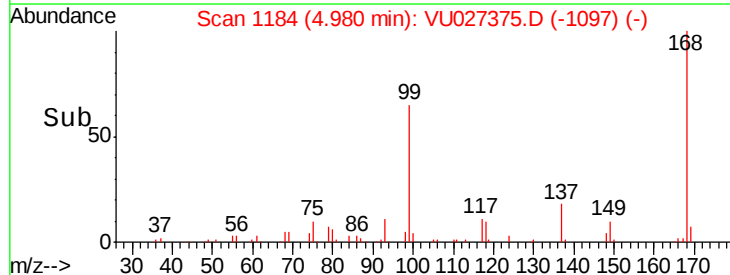
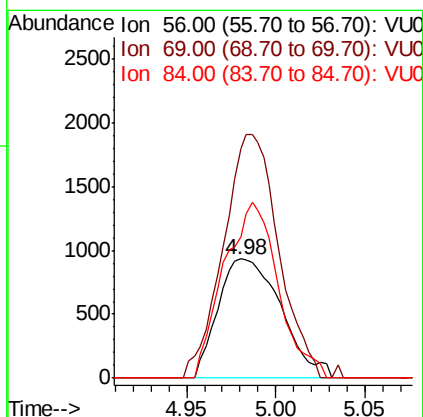
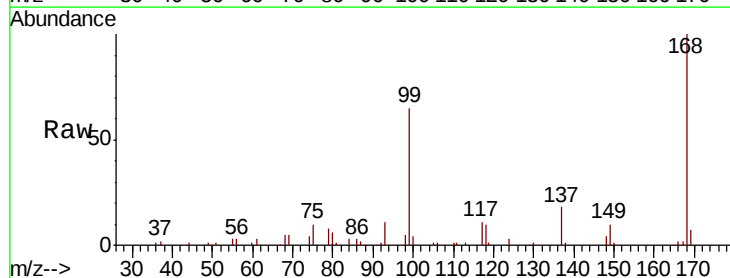
Instrument :
MSVOA_U
ClientSampled :
MW-3

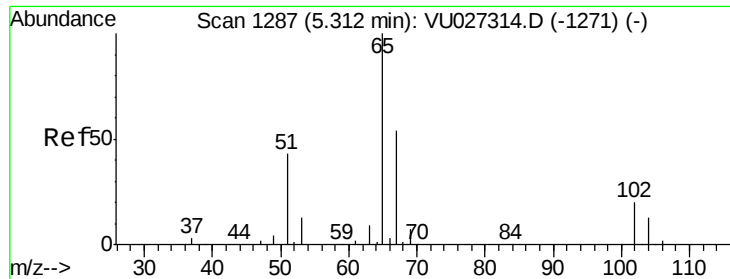
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 0.718 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

Tgt Ion: 56 Resp: 2298
Ion Ratio Lower Upper
56 100
69 181.1 24.1 36.1#
84 118.3 59.1 88.7#

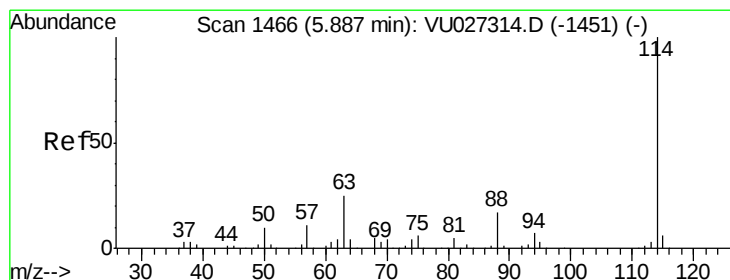
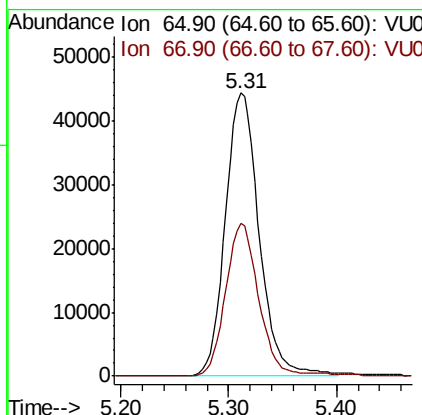
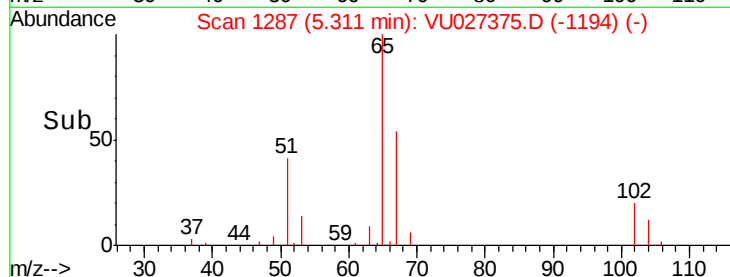
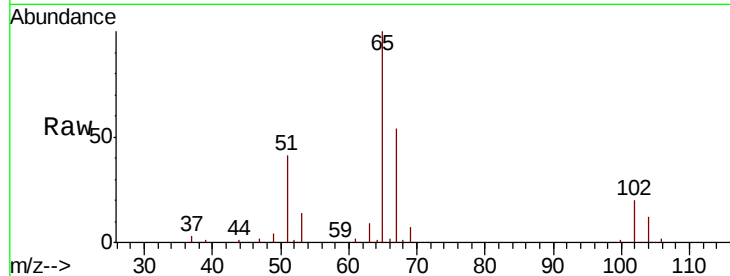




#33
 1,2-Dichloroethane-d4
 Concen: 64.432 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

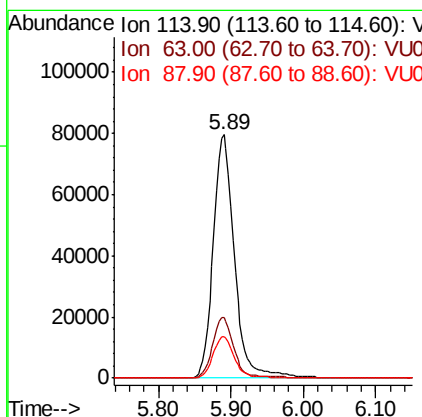
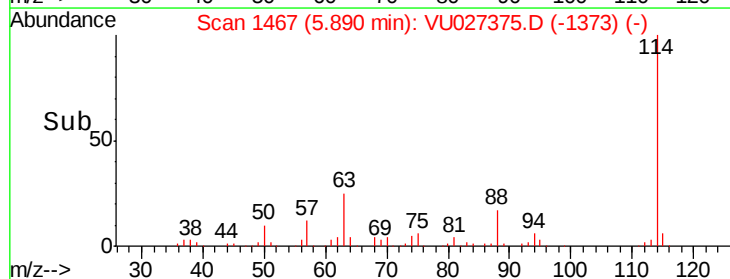
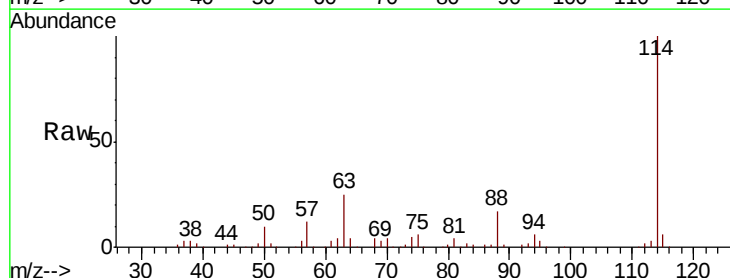
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

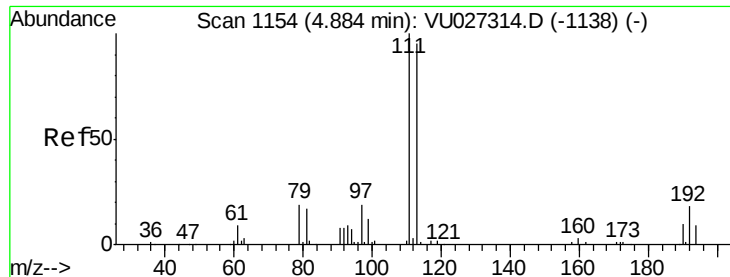
Tgt Ion: 65 Resp: 96910
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

Tgt Ion: 114 Resp: 161976
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.0 0.0 33.8

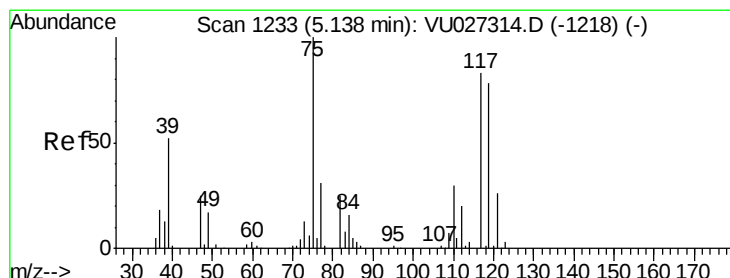
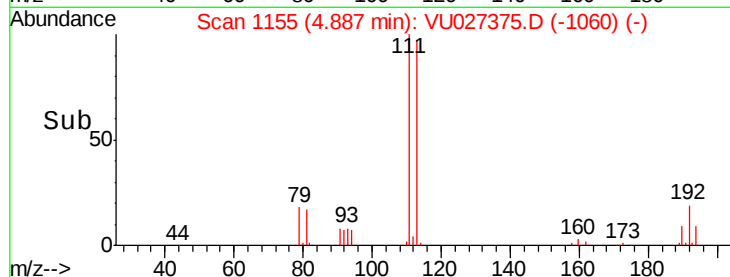
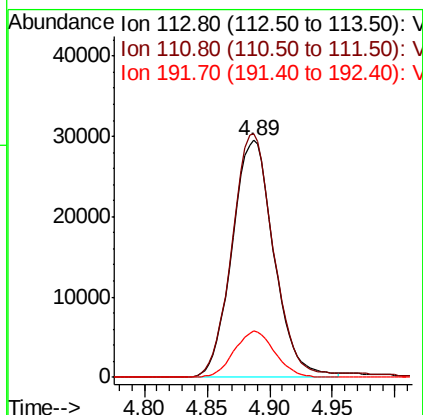
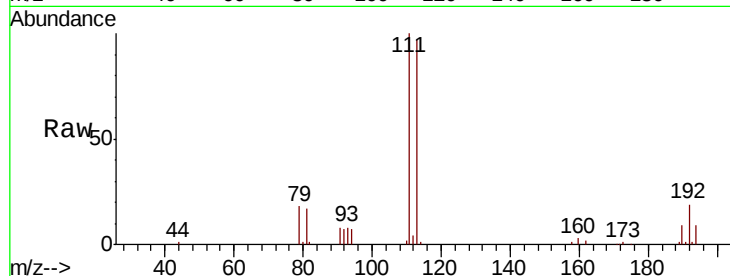




#35
 Dibromofluoromethane
 Concen: 61.833 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

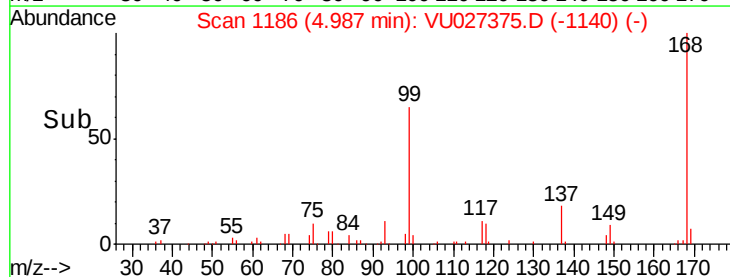
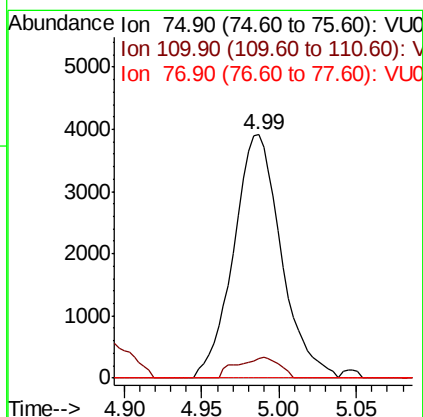
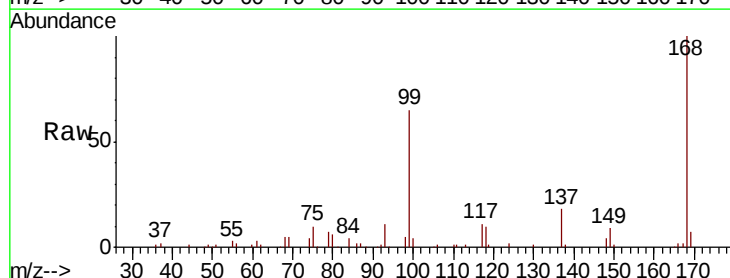
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 ClientSampleId :
 MW-3

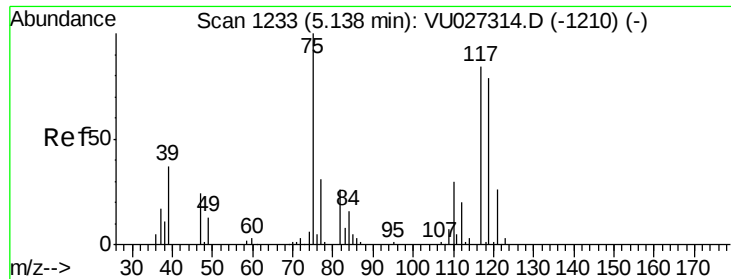
Tgt Ion:113 Resp: 68639
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.1 124.7
 192 18.8 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027375.D
 Acq: 03 Oct 2018 23:02

Tgt Ion: 75 Resp: 8379
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.5 46.5#
 77 0.0 25.4 38.0#

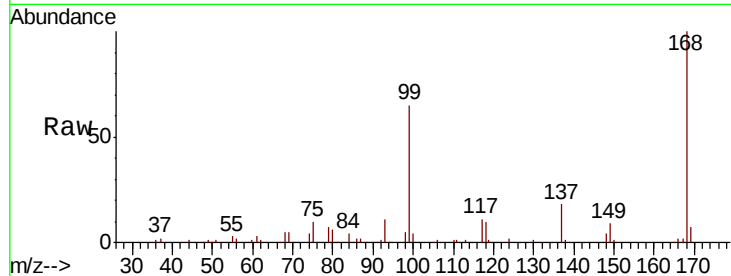




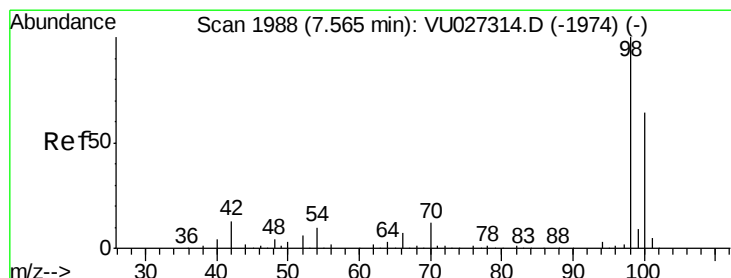
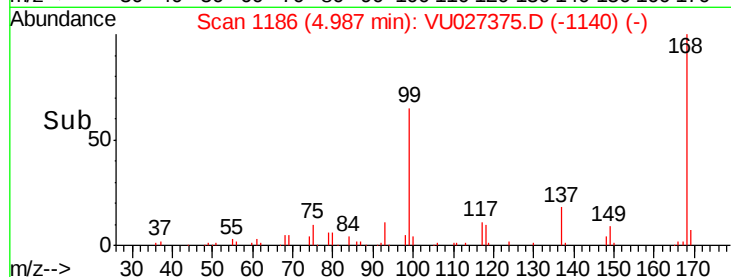
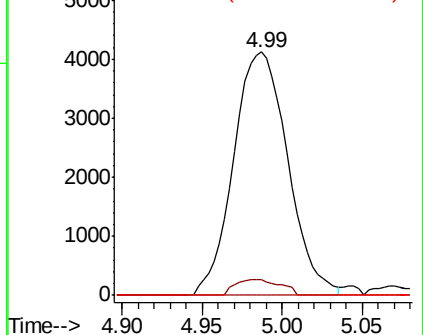
#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleID :
MW-3

Tgt Ion:117 Resp: 9571
Ion Ratio Lower Upper
117 100
119 6.3 74.5 111.7#
121 0.0 24.6 37.0#

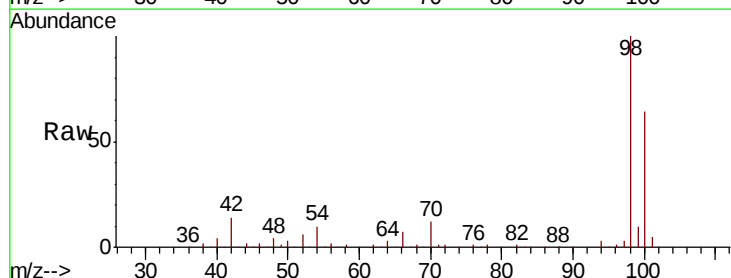


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

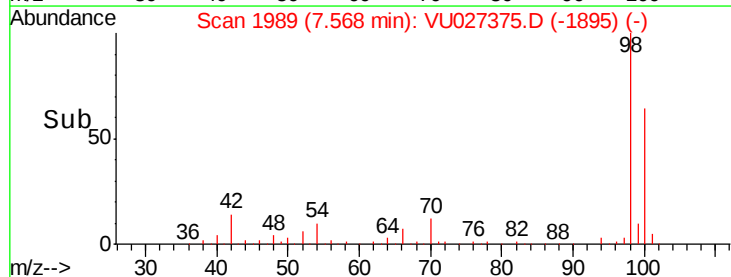
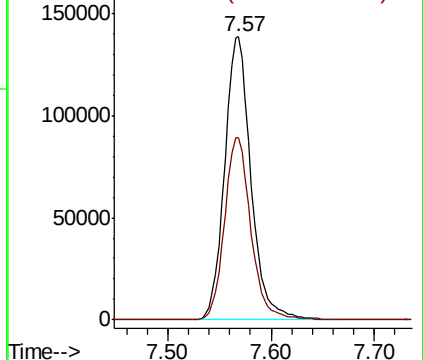


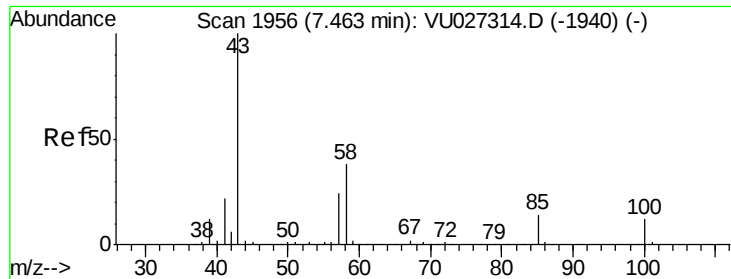
#50
Toluene-d8
Concen: 59.467 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

Tgt Ion: 98 Resp: 247066
Ion Ratio Lower Upper
98 100
100 64.2 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: 0.541 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027375.D

Acq: 03 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

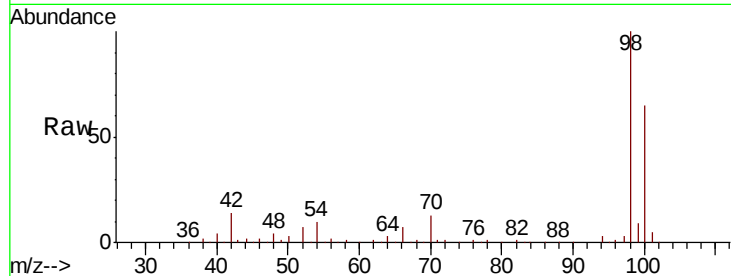
MW-3

Tgt Ion: 43 Resp: 1242

Ion Ratio Lower Upper

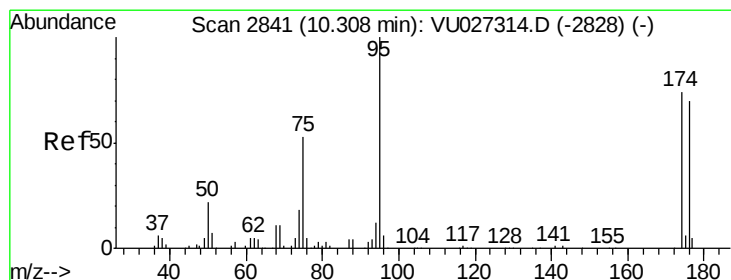
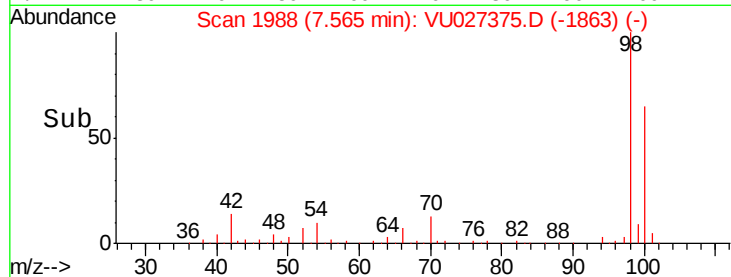
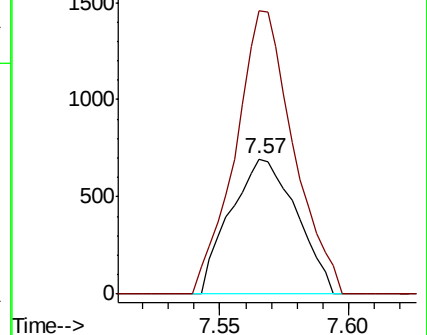
43 100

58 185.0 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: 51.080 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027375.D

Acq: 03 Oct 2018 23:02

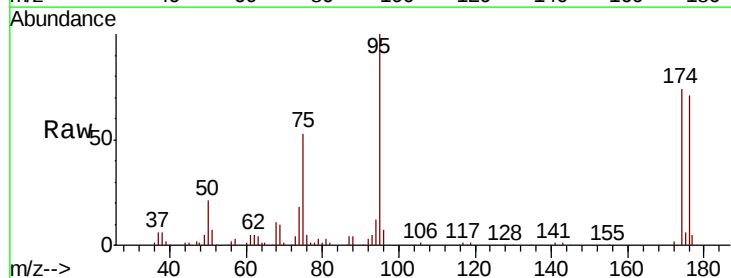
Tgt Ion: 95 Resp: 78869

Ion Ratio Lower Upper

95 100

174 77.1 0.0 147.8

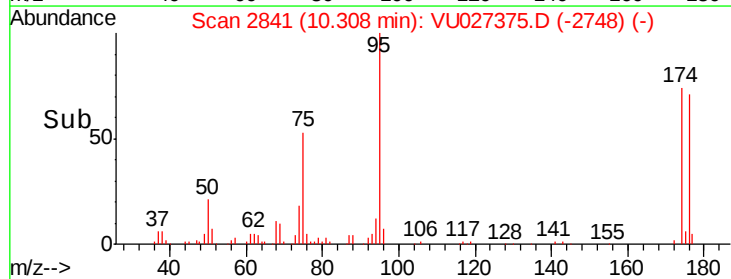
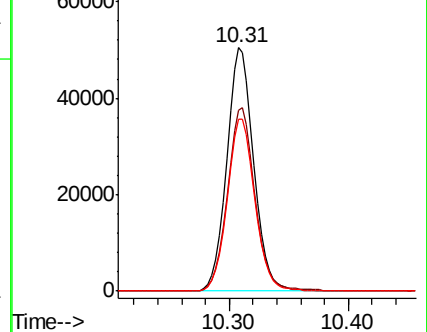
176 72.7 0.0 140.8

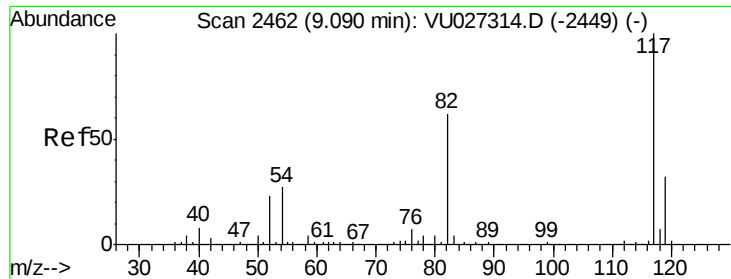


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

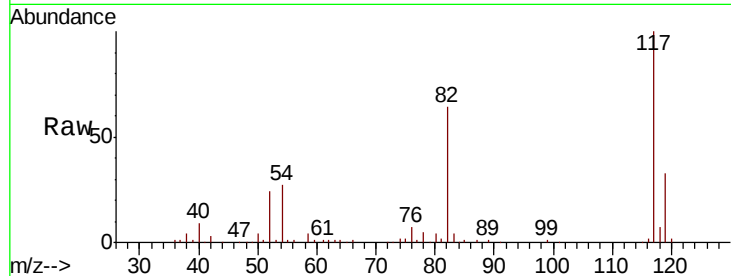




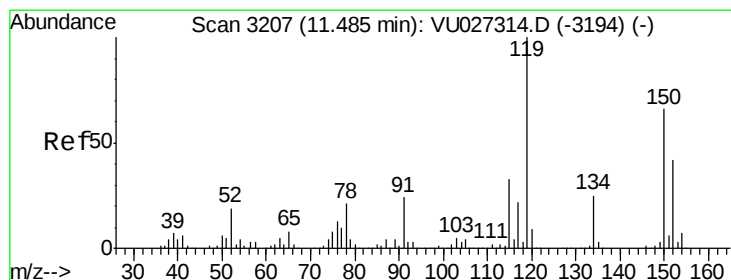
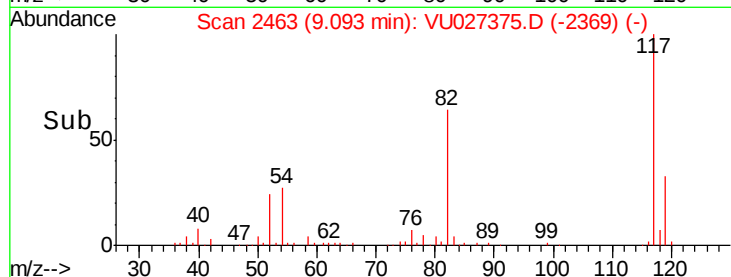
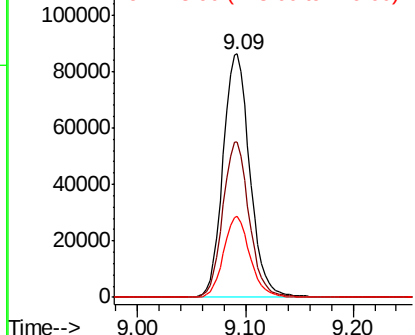
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 149604
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 33.1 25.7 38.5

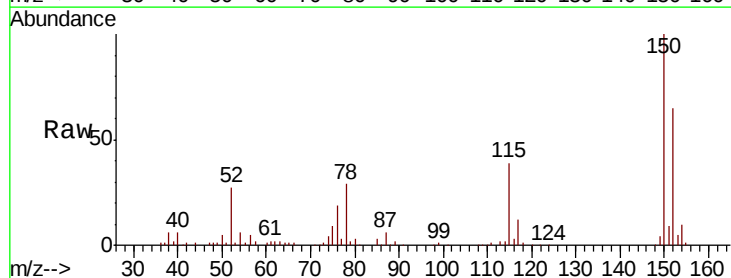


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

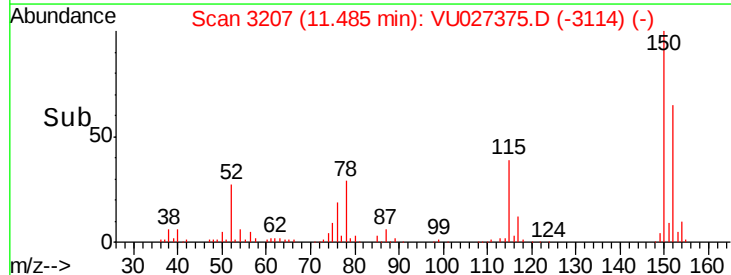
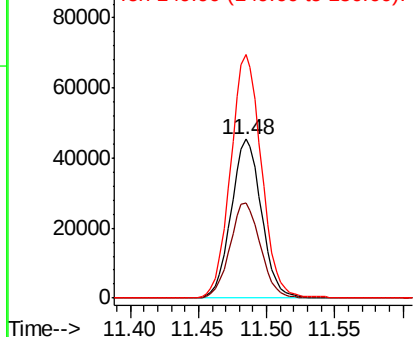


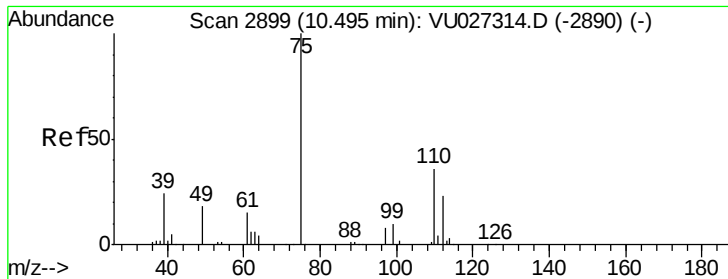
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027375.D
Acq: 03 Oct 2018 23:02

Tgt Ion:152 Resp: 70137
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.2
150 155.4 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: 23.619 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027375.D

Acq: 03 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

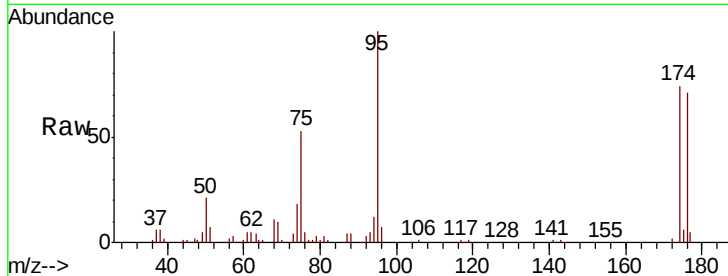
MW-3

Tgt Ion: 75 Resp: 42942

Ion Ratio Lower Upper

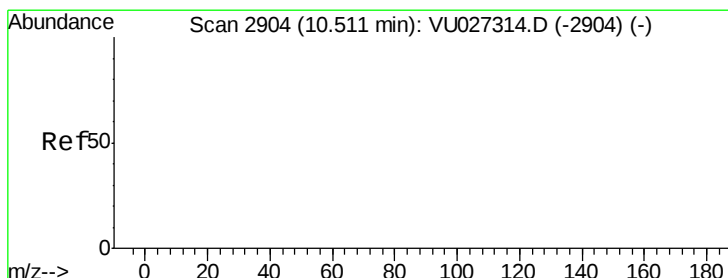
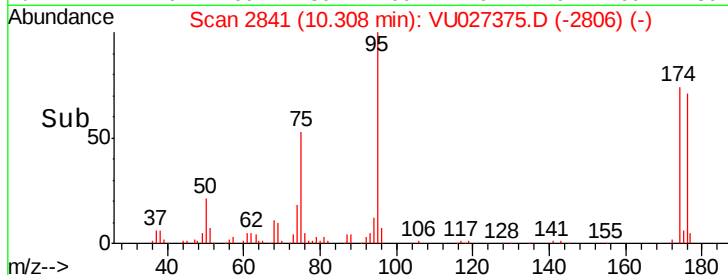
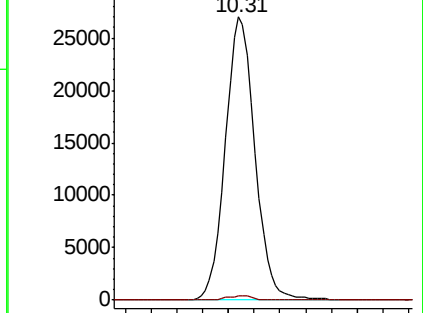
75 100

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: 61.813 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027375.D

Acq: 03 Oct 2018 23:02

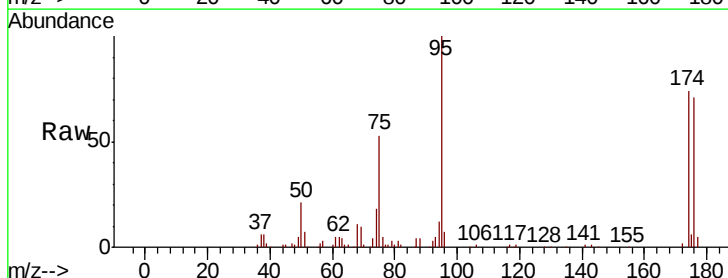
Tgt Ion: 75 Resp: 42942

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

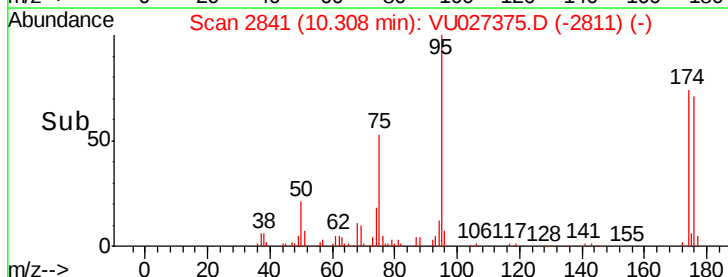
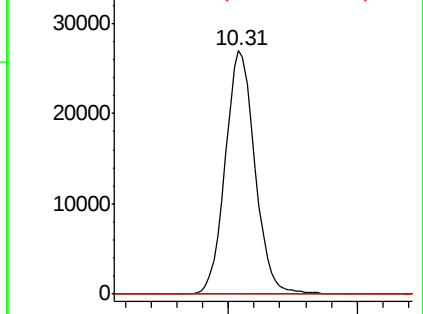
89 0.0 0.0 0.0

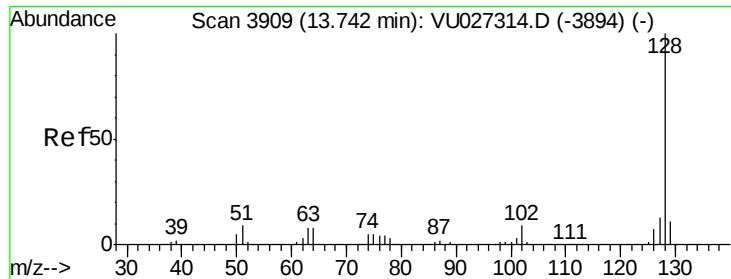


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#95

Naphthalene

Concen: 1.667 ug/l

RT: 13.78 min Scan# 3922

Delta R.T. 0.04 min

Lab File: VU027375.D

Acq: 03 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

MW-3

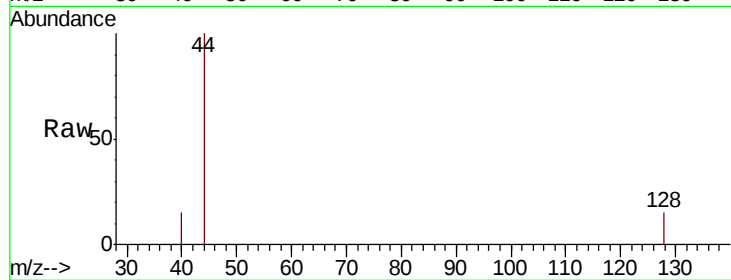
Tgt Ion:128 Resp: 41

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

