

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027420.D
 Acq On : 04 Oct 2018 20:00
 Operator : MD/SY
 Sample : J5255-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Oct 05 03:17:43 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	115678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	195605	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	101265	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	109055	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	4.89	113	79335	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
50) Toluene-d8	7.57	98	299700	59.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.46%	
62) 4-Bromofluorobenzene	10.31	95	108694	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	

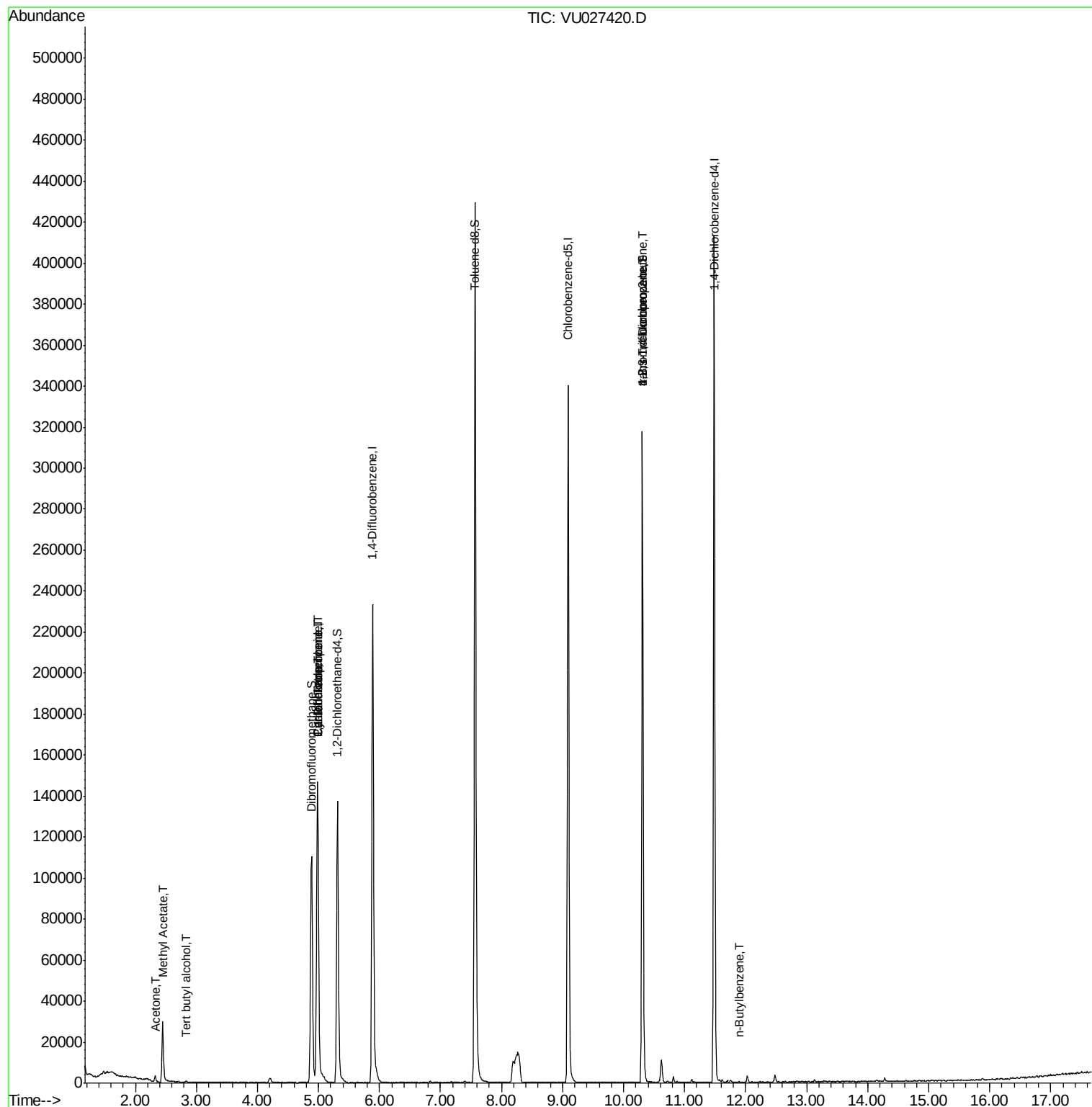
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	341	0.838	ug/l #	72
16) Acetone	2.32	43	3100	2.717	ug/l	89
18) Methyl Acetate	2.45	43	7436	2.856	ug/l #	56
31) Cyclohexane	4.99	56	2604	0.606	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9303	4.380	ug/l #	49
38) Carbon Tetrachloride	4.99	117	11057	5.763	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	57042	21.730	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	57042	56.870	ug/l #	100
89) n-Butylbenzene	11.89	91	62	1.958	ug/l #	33

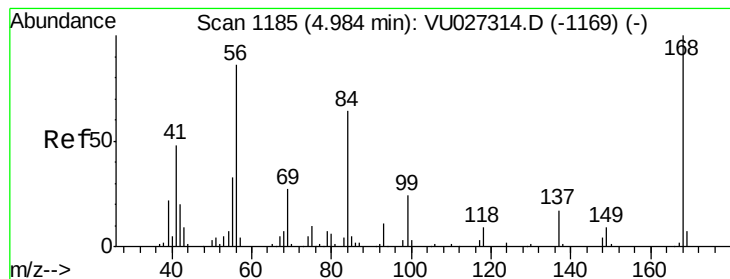
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027420.D

Acq: 04 Oct 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

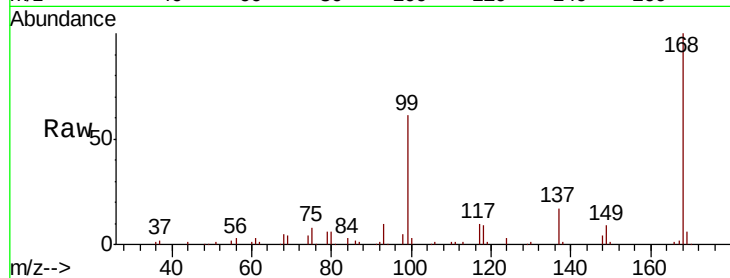
MW-3

Tgt Ion: 168 Resp: 115678

Ion Ratio Lower Upper

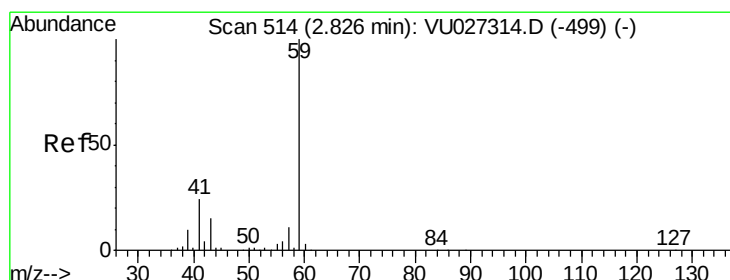
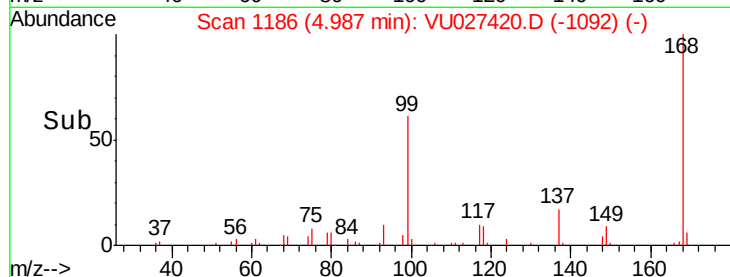
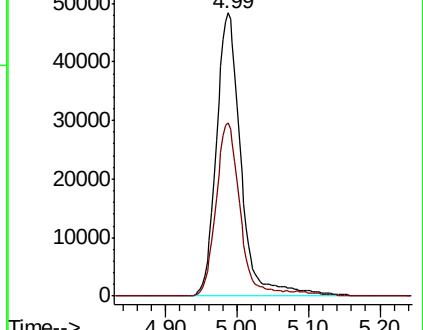
168 100

99 61.1 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027420.D (-1092) (-)



#11

Tert butyl alcohol

Concen: 0.838 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027420.D

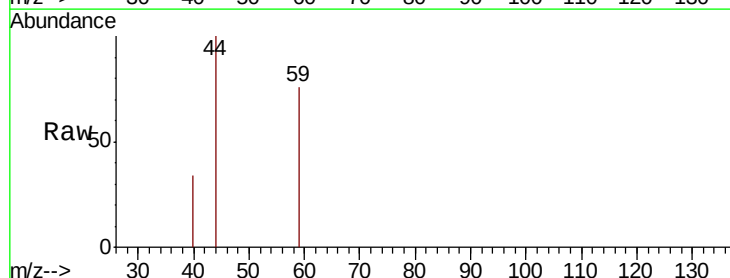
Acq: 04 Oct 2018 20:00

Tgt Ion: 59 Resp: 341

Ion Ratio Lower Upper

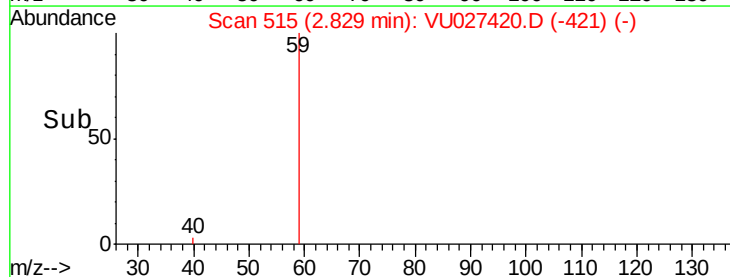
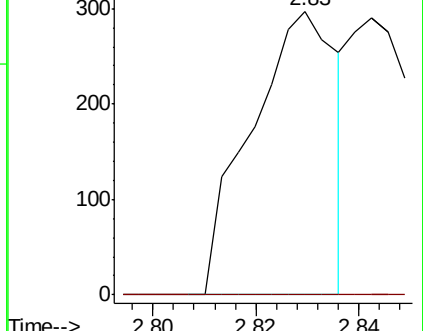
59 100

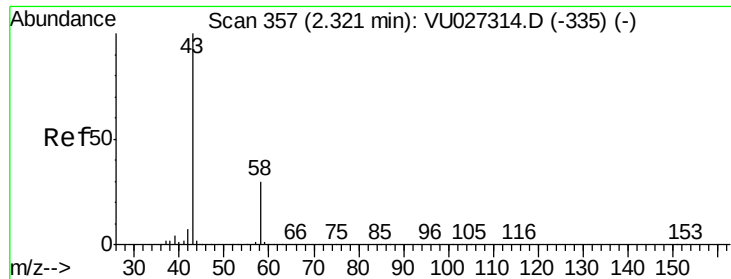
57 0.0 8.4 12.6#



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

Ion 57.00 (56.70 to 57.70): VU027420.D (-421) (-)





#16

Acetone

Concen: 2.717 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027420.D

Acq: 04 Oct 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

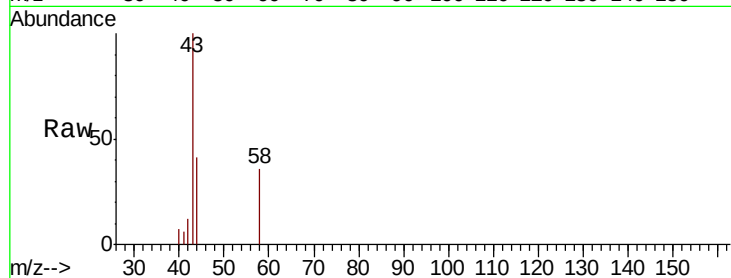
MW-3

Tgt Ion: 43 Resp: 3100

Ion Ratio Lower Upper

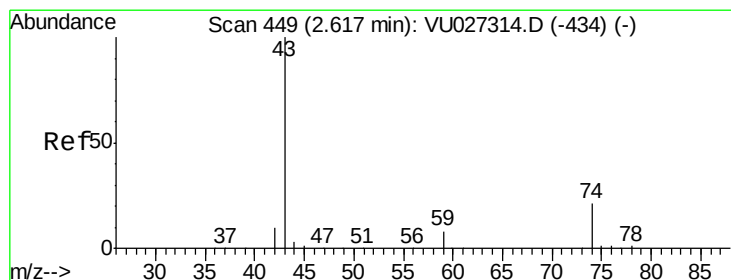
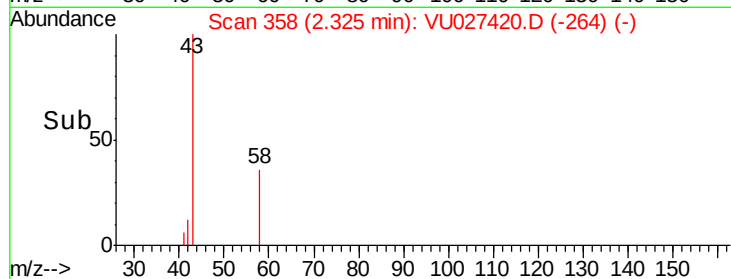
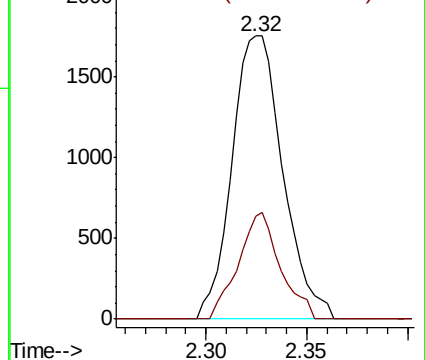
43 100

58 36.2 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: 2.856 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027420.D

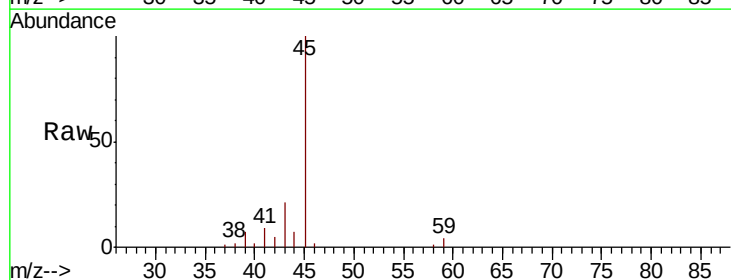
Acq: 04 Oct 2018 20:00

Tgt Ion: 43 Resp: 7436

Ion Ratio Lower Upper

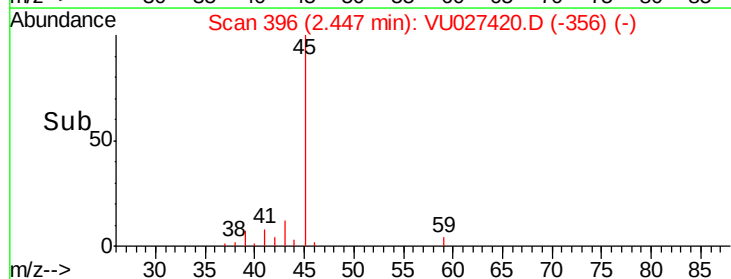
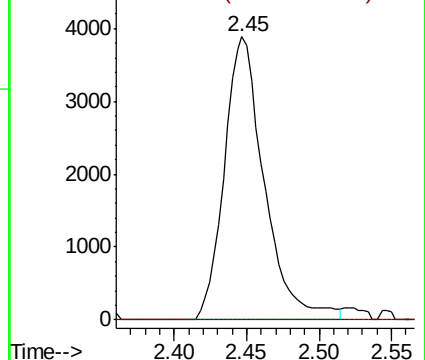
43 100

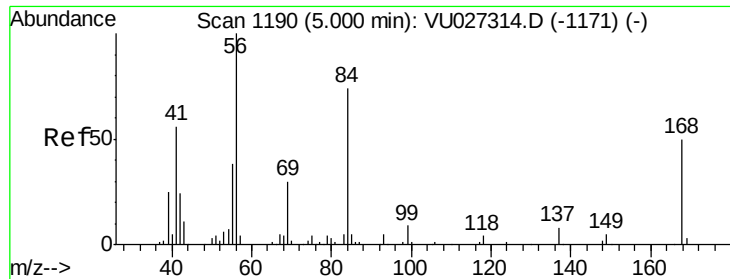
74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

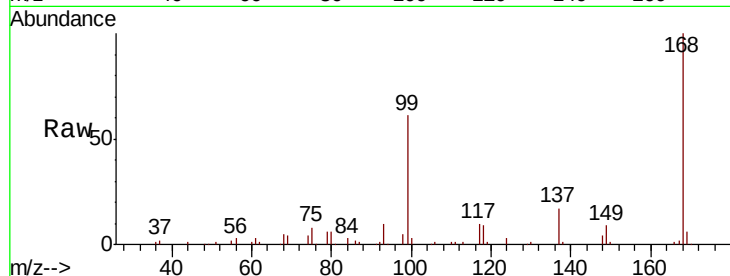




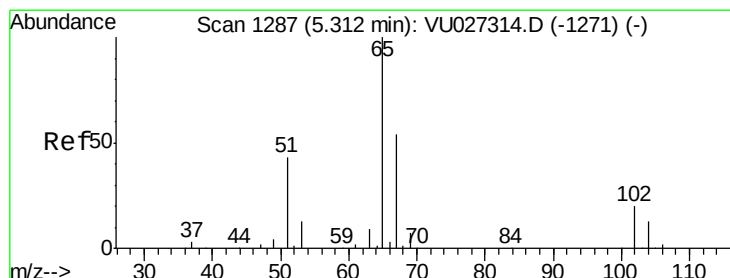
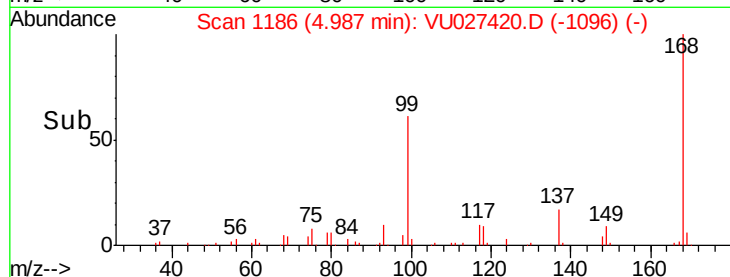
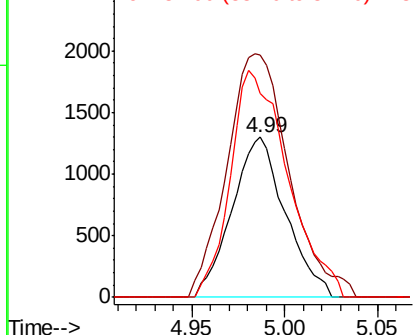
#31
Cyclohexane
Concen: 0.606 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion: 56 Resp: 2604
Ion Ratio Lower Upper
56 100
69 151.0 24.1 36.1#
84 127.2 59.1 88.7#

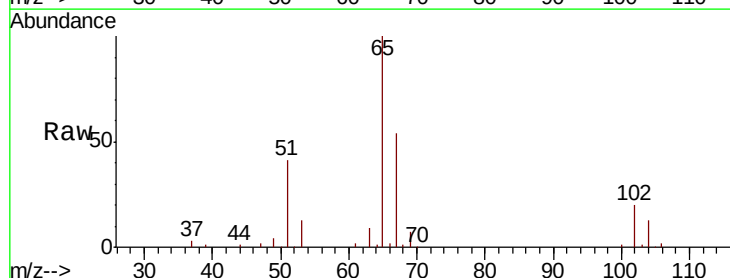


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

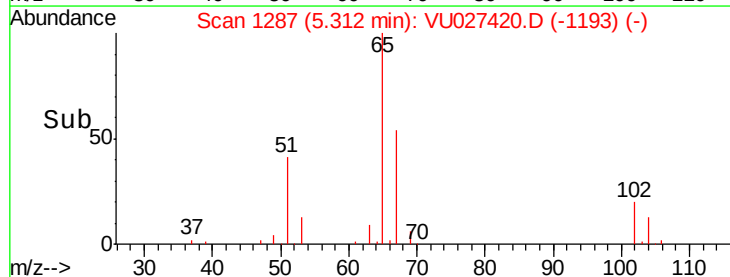
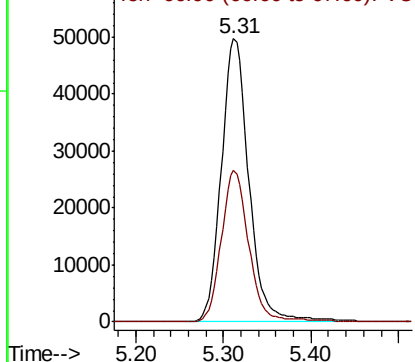


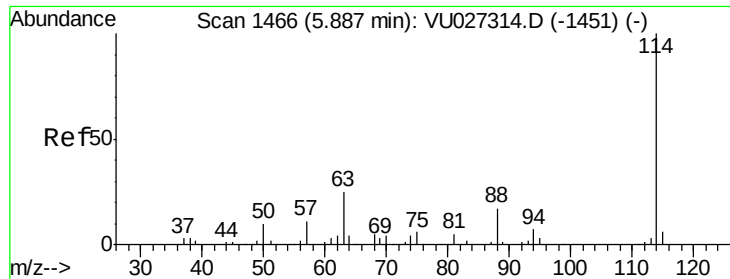
#33
1,2-Dichloroethane-d4
Concen: 56.458 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

Tgt Ion: 65 Resp: 109055
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.8



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

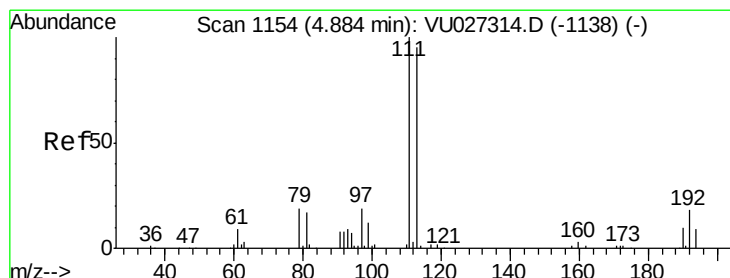
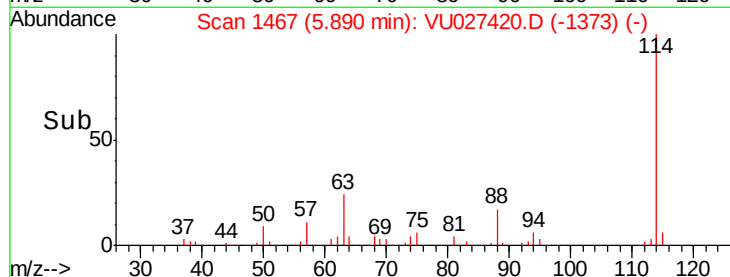
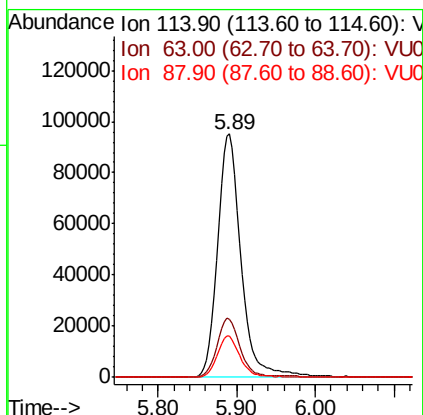
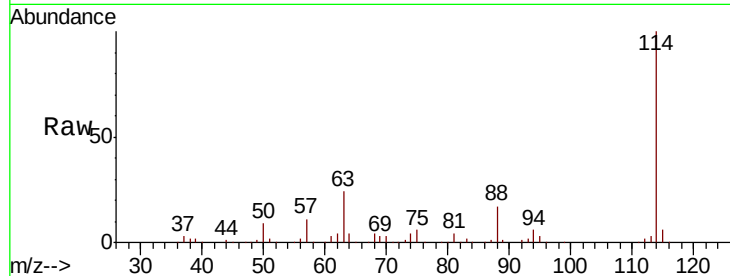




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027420.D
 Acq: 04 Oct 2018 20:00

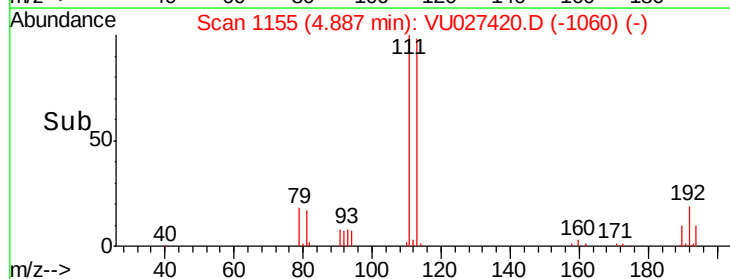
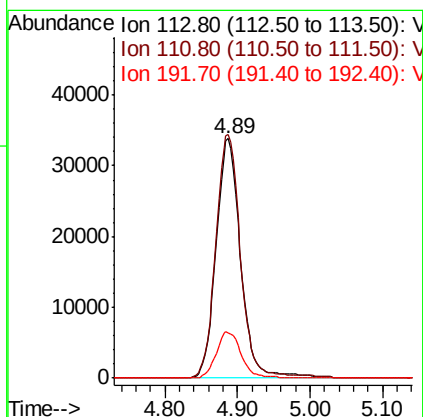
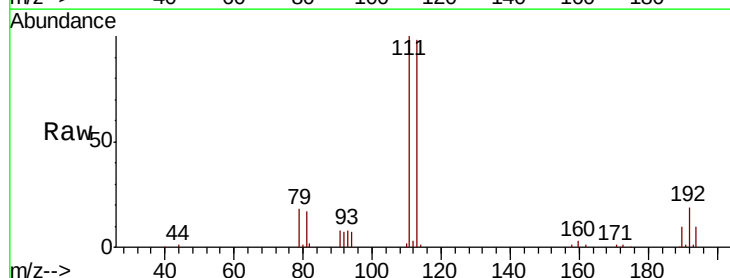
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

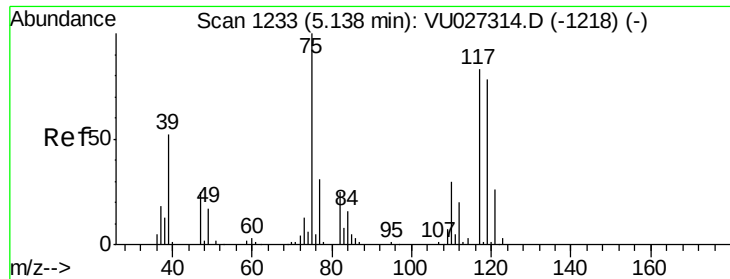
Tgt Ion:114 Resp: 195605
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.2
 88 16.8 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 59.181 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027420.D
 Acq: 04 Oct 2018 20:00

Tgt Ion:113 Resp: 79335
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.1 124.7
 192 19.5 15.4 23.0

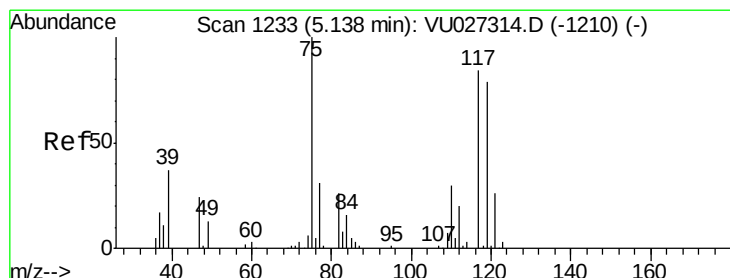
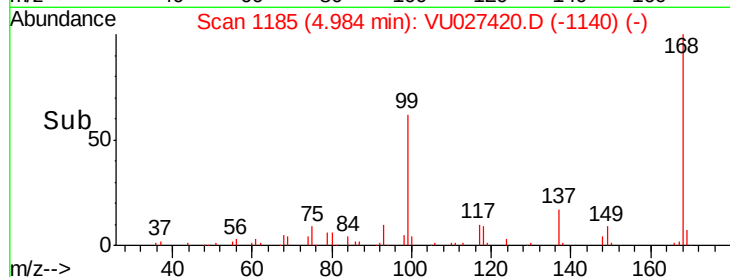
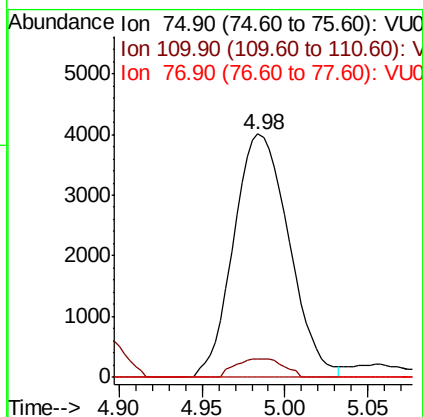
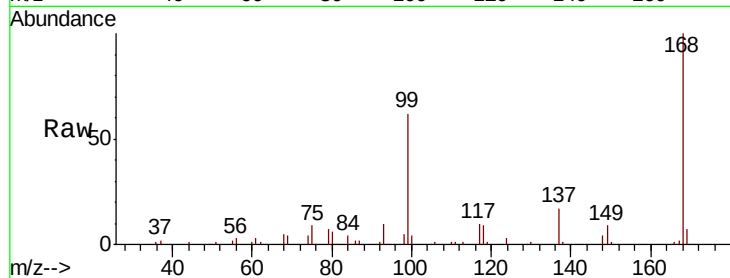




#36
 1,1-Dichloropropene
 Concen: 4.380 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027420.D
 Acq: 04 Oct 2018 20:00

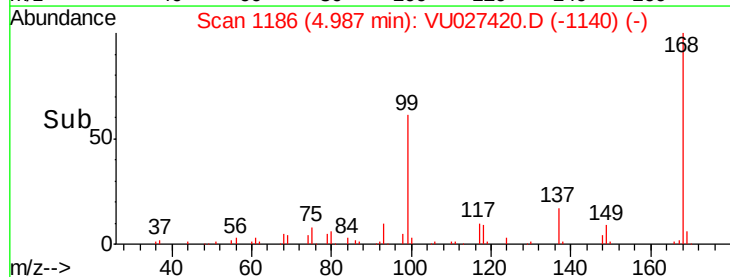
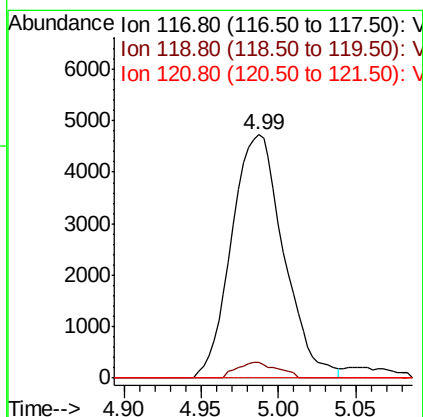
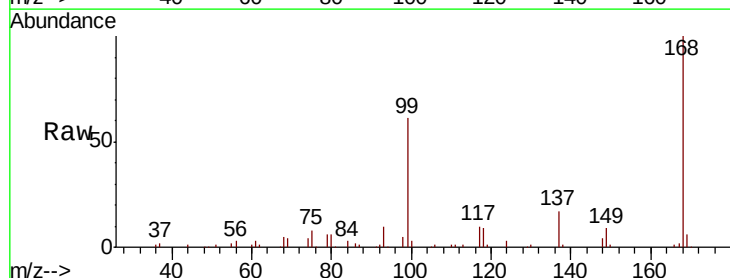
Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

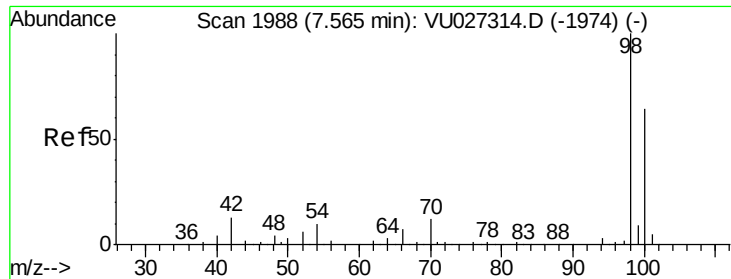
Tgt Ion: 75 Resp: 9303
 Ion Ratio Lower Upper
 75 100
 110 6.5 15.5 46.5#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 5.763 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027420.D
 Acq: 04 Oct 2018 20:00

Tgt Ion: 117 Resp: 11057
 Ion Ratio Lower Upper
 117 100
 119 6.4 74.5 111.7#
 121 0.0 24.6 37.0#

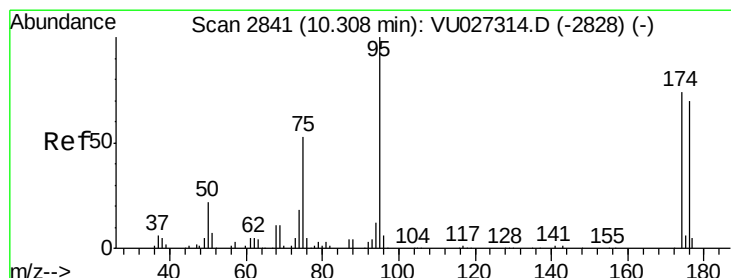
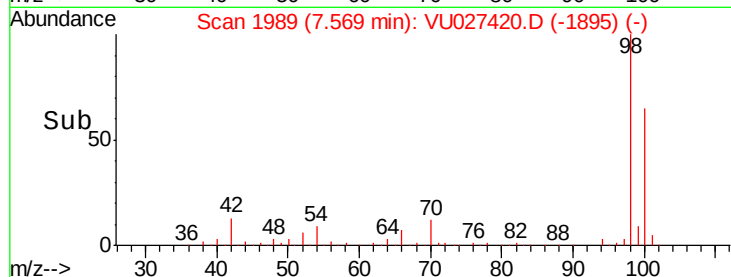
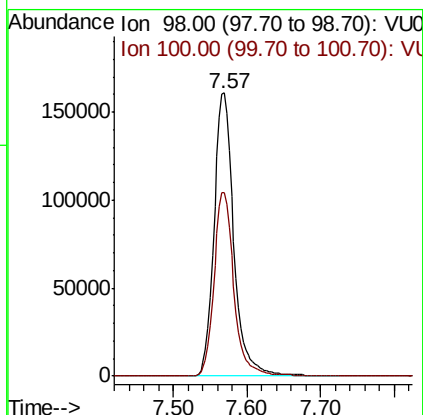
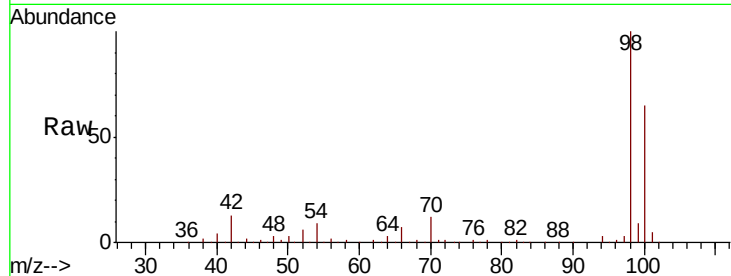




#50
Toluene-d8
Concen: 59.734 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

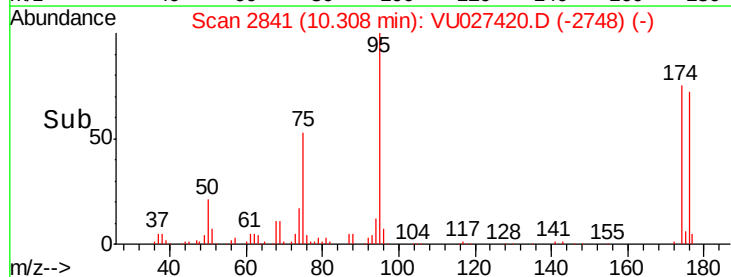
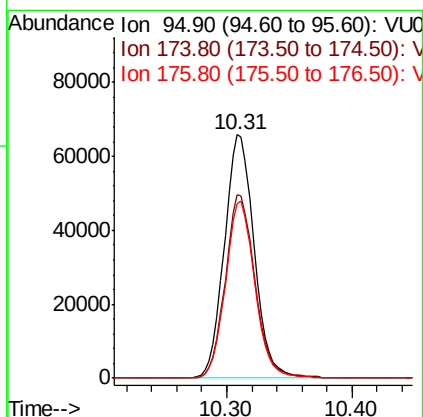
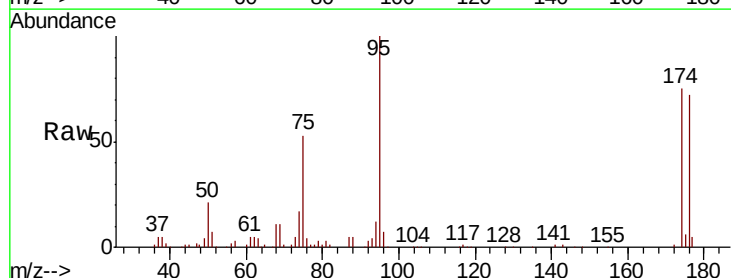
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ClientSampleId :
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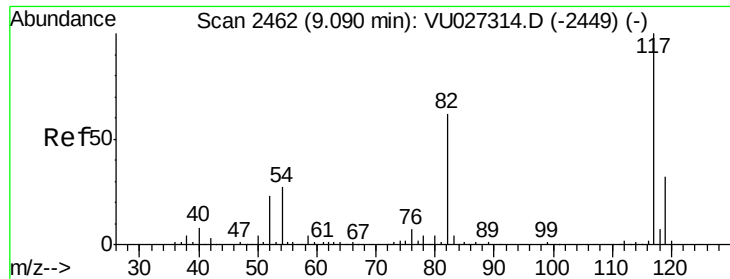
Tgt Ion: 98 Resp: 299700
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.294 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

Tgt Ion: 95 Resp: 108694
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.8
176 71.6 0.0 140.8

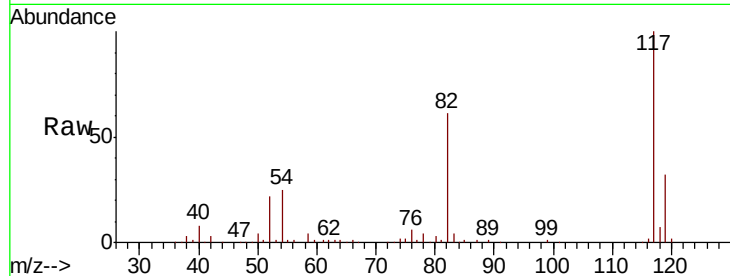




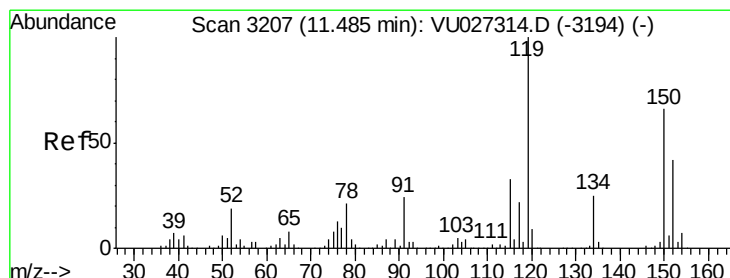
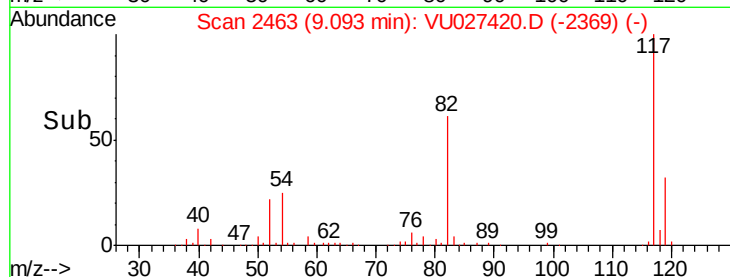
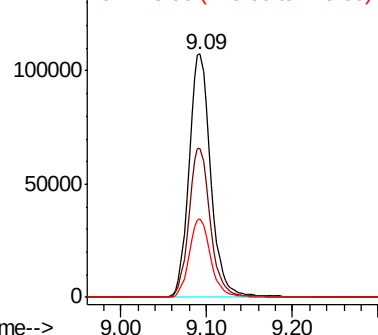
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 189629
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 32.2 25.7 38.5

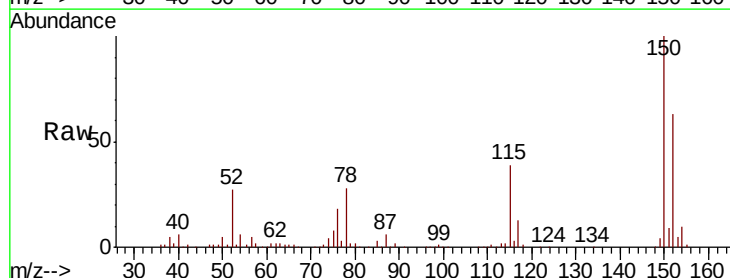


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

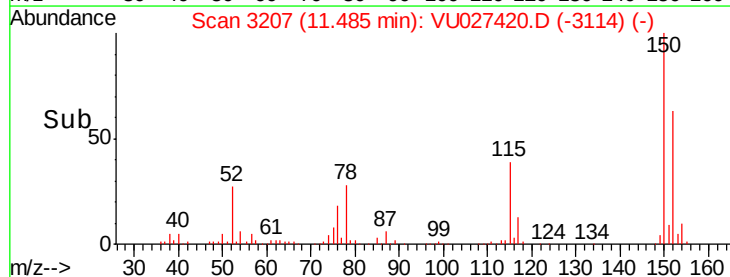
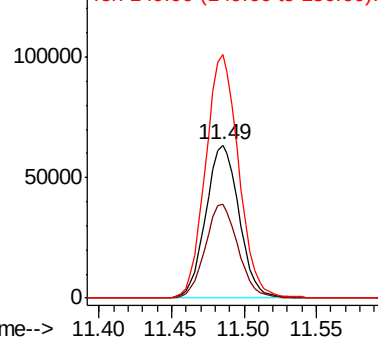


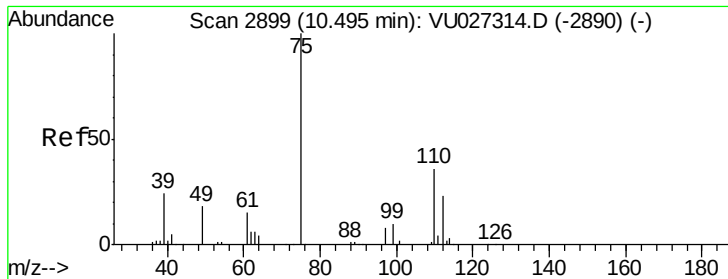
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027420.D
Acq: 04 Oct 2018 20:00

Tgt Ion:152 Resp: 101265
Ion Ratio Lower Upper
152 100
115 60.6 43.4 130.2
150 158.5 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: 21.730 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027420.D

Acq: 04 Oct 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

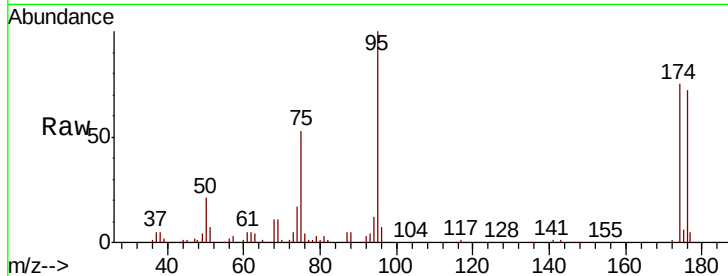
MW-3

Tgt Ion: 75 Resp: 57042

Ion Ratio Lower Upper

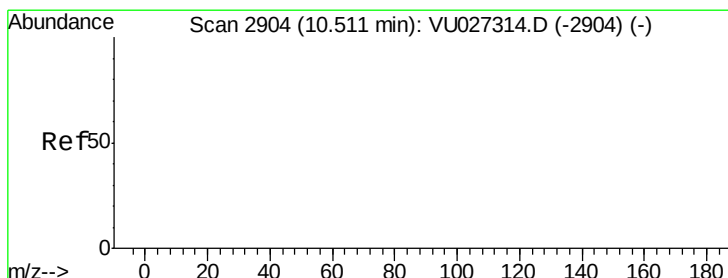
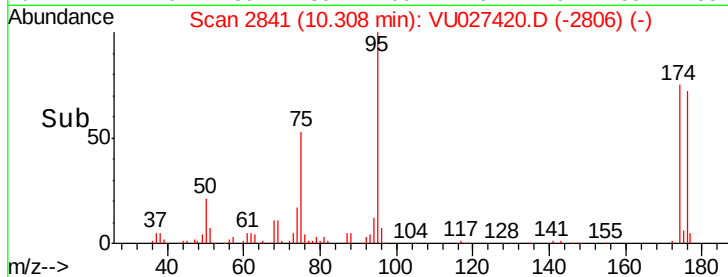
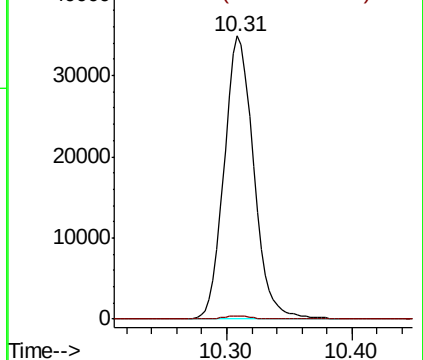
75 100

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: 56.870 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027420.D

Acq: 04 Oct 2018 20:00

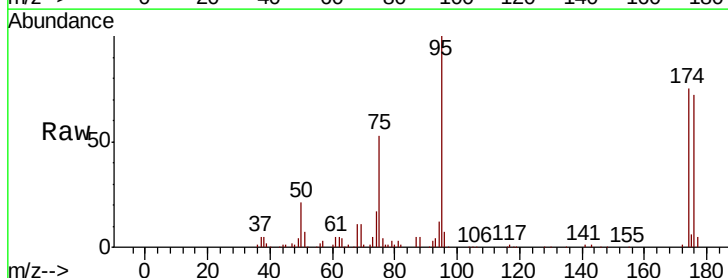
Tgt Ion: 75 Resp: 57042

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

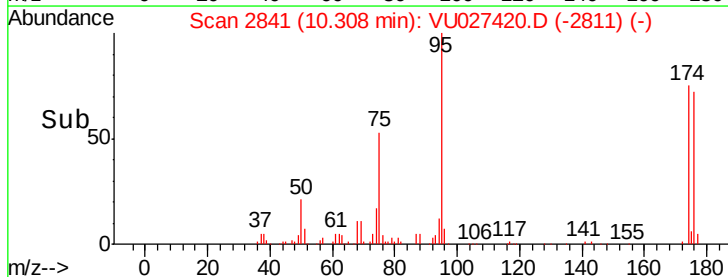
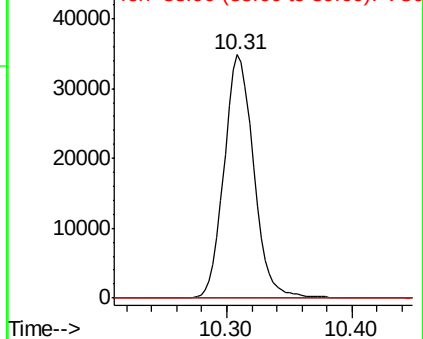
89 0.0 0.0 0.0

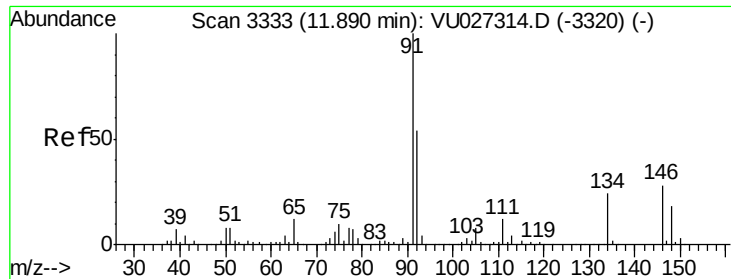


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 1.958 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027420.D

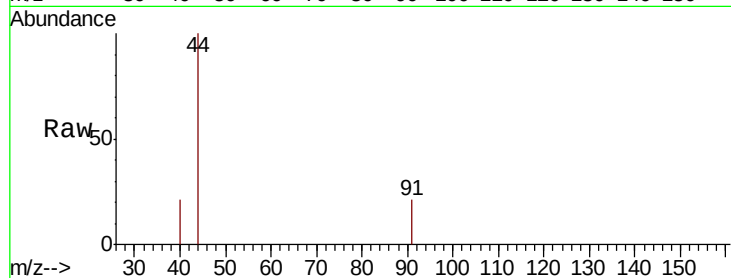
Acq: 04 Oct 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

MW-3



Tgt Ion:	91	Resp:	62
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.0	81.0#
134	0.0	11.7	35.1#

