

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027330.D
 Acq On : 01 Oct 2018 19:56
 Operator : MD/SY
 Sample : J5149-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-3

Quant Time: Oct 02 07:25:08 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	102933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	175150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	167532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80265	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	103089	59.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.96%	
35) Dibromofluoromethane	4.89	113	73220	61.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.00%	
50) Toluene-d8	7.57	98	277665	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
62) 4-Bromofluorobenzene	10.31	95	92571	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	

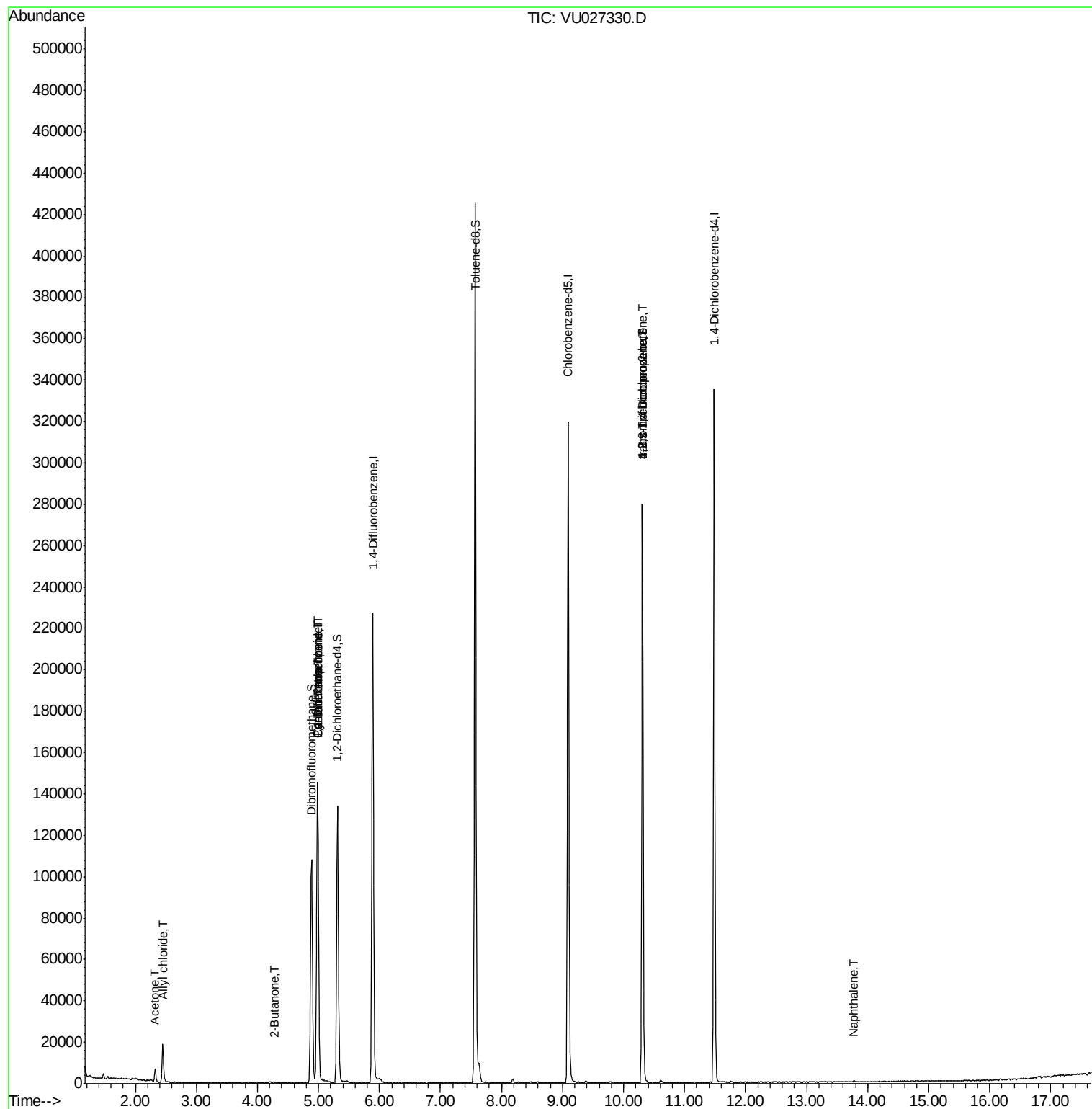
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.45	41	1874	0.726	ug/l #	63
16) Acetone	2.33	43	6827	6.723	ug/l	96
25) 2-Butanone	4.29	43	475	0.343	ug/l #	54
31) Cyclohexane	4.98	56	2724	0.754	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9551	5.022	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10687	6.221	ug/l #	17
76) 1,2,3-Trichloropropane	10.31	75	50004	24.033	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	50004	62.896	ug/l #	100
95) Naphthalene	13.77	128	173	1.688	ug/l #	69

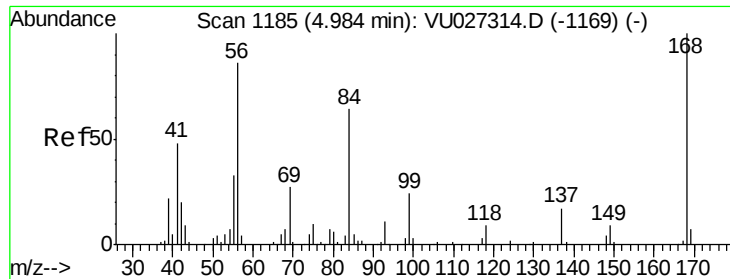
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027330.D

Acq: 01 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

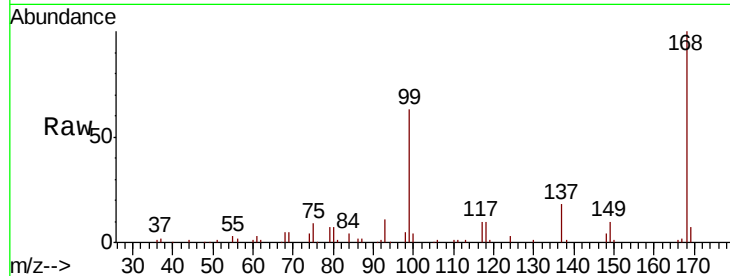
WS-3

Tot Ion:168 Resp: 102933

Ion Ratio Lower Upper

168 100

99 63.0 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) (-)

4.99

50000

40000

30000

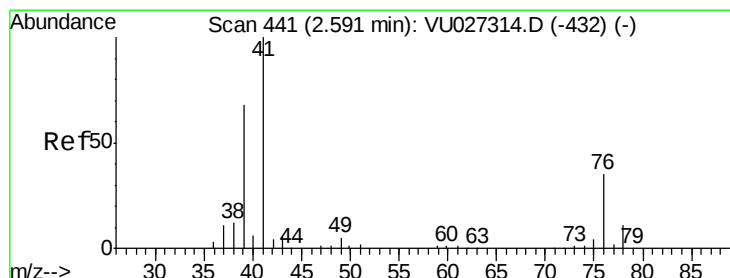
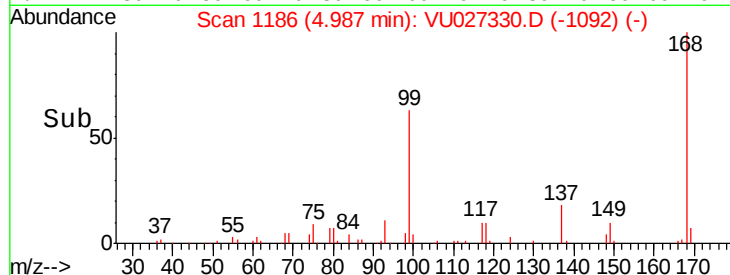
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#14

Allyl chloride

Concen: 0.726 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU027330.D

Acq: 01 Oct 2018 19:56

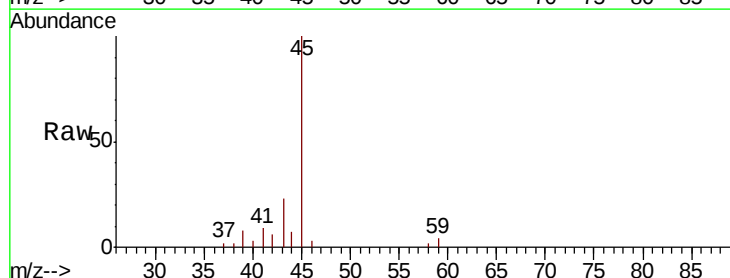
Tgt Ion: 41 Resp: 1874

Ion Ratio Lower Upper

41 100

39 85.3 51.8 77.8#

76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU027314.D (-432) (-)

Ion 39.00 (38.70 to 39.70): VU027314.D (-432) (-)

Ion 75.90 (75.60 to 76.60): VU027314.D (-432) (-)

2.45

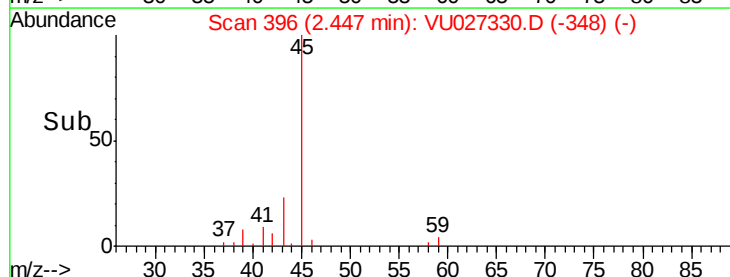
1000

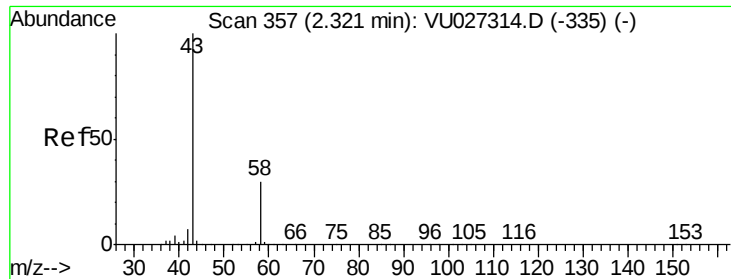
500

0

2.40 2.45 2.50

Time-->





#16

Acetone

Concen: 6.723 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027330.D

Acq: 01 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

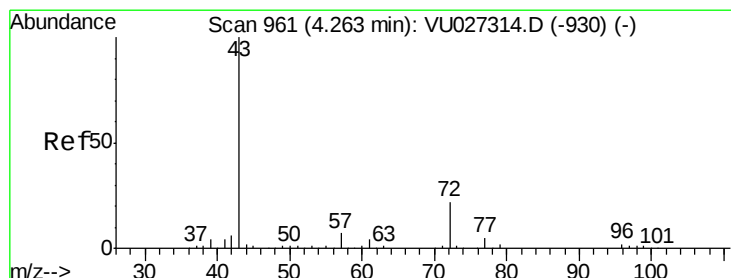
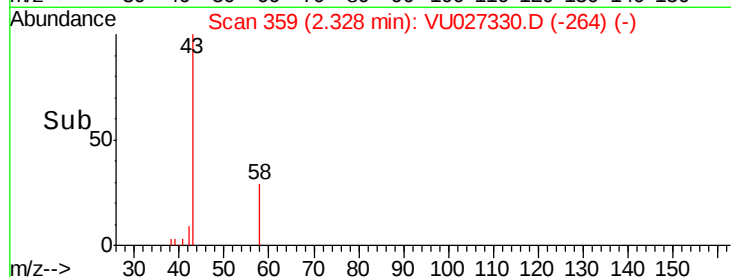
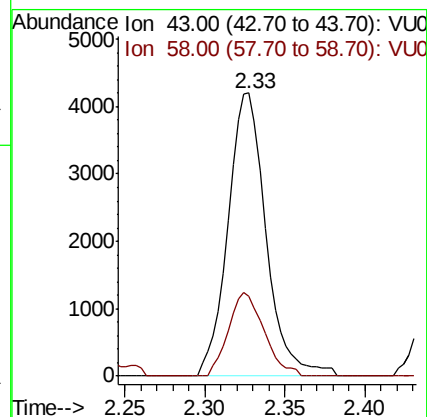
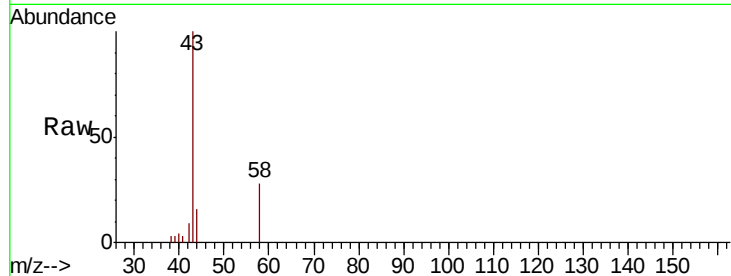
WS-3

Tot Ion: 43 Resp: 6827

Ion Ratio Lower Upper

43 100

58 28.1 24.2 36.4



#25

2-Butanone

Concen: 0.343 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU027330.D

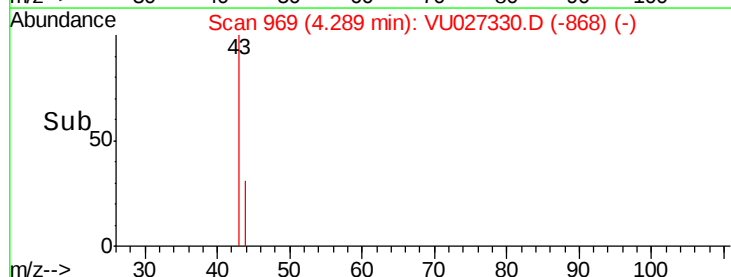
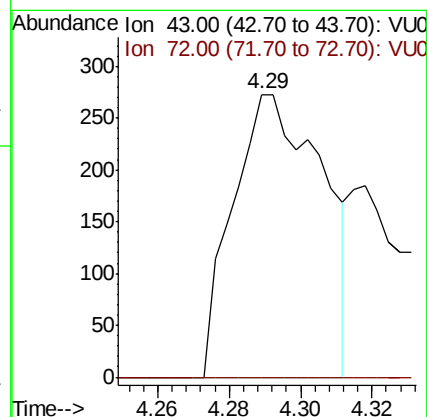
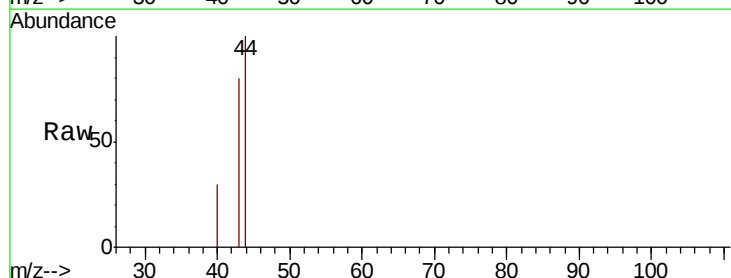
Acq: 01 Oct 2018 19:56

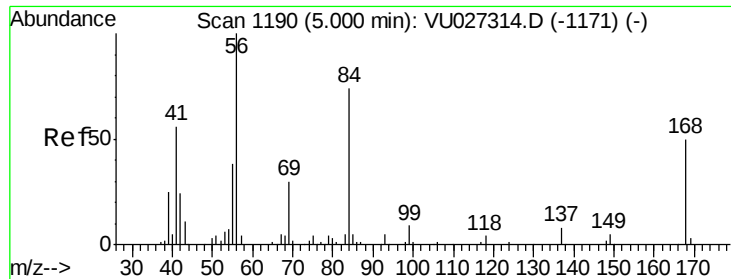
Tgt Ion: 43 Resp: 475

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.6#

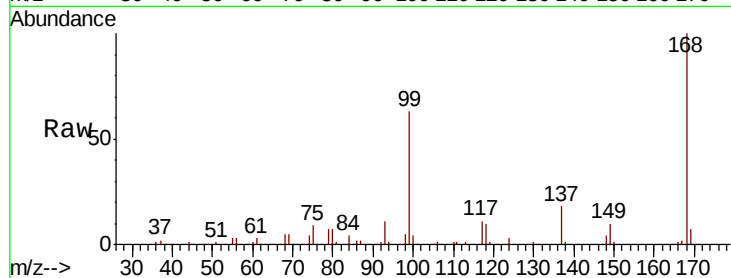




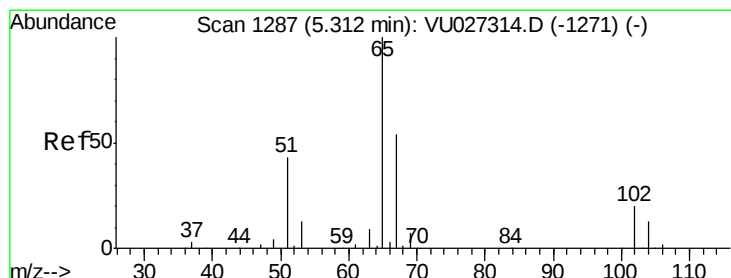
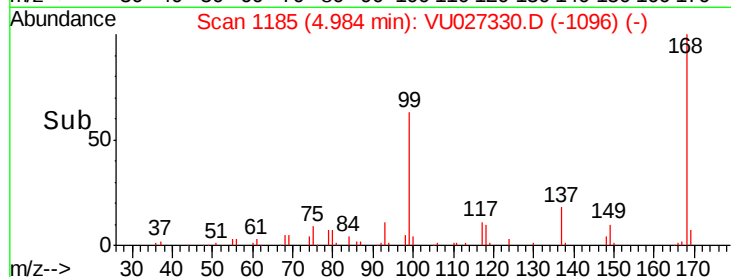
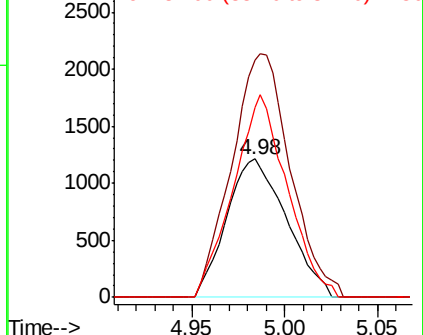
#31
Cyclohexane
Concen: 0.754 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampled :
WS-3

Tot Ion: 56 Resp: 2724
Ion Ratio Lower Upper
56 100
69 171.2 24.1 36.1#
84 136.9 59.1 88.7#

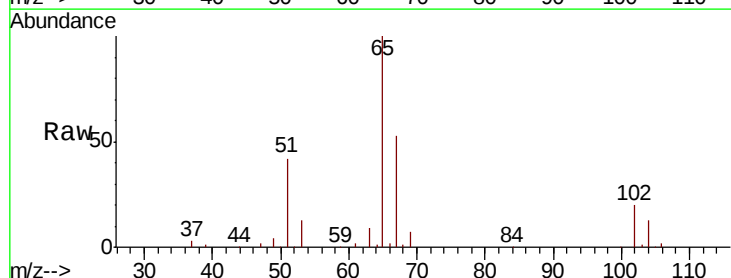


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

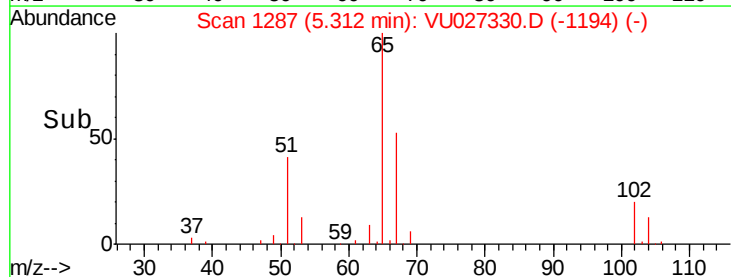
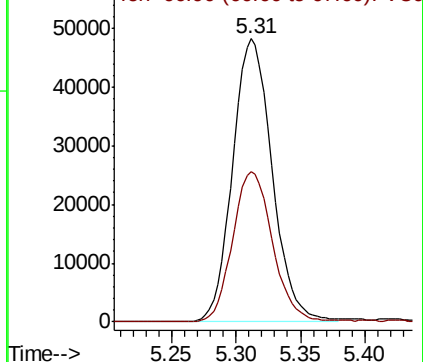


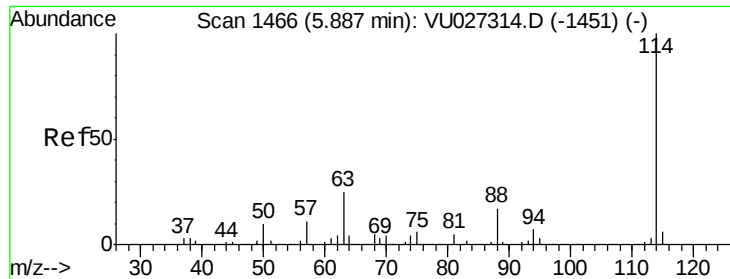
#33
1,2-Dichloroethane-d4
Concen: 59.977 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

Tgt Ion: 65 Resp: 103089
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.8



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

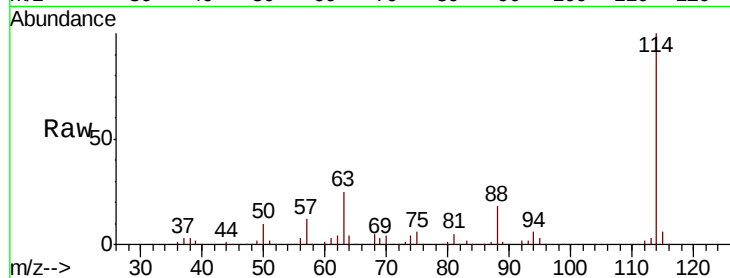




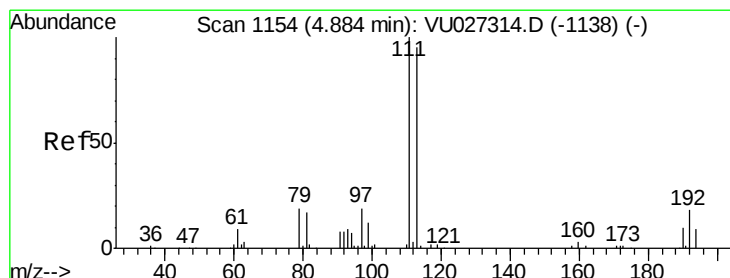
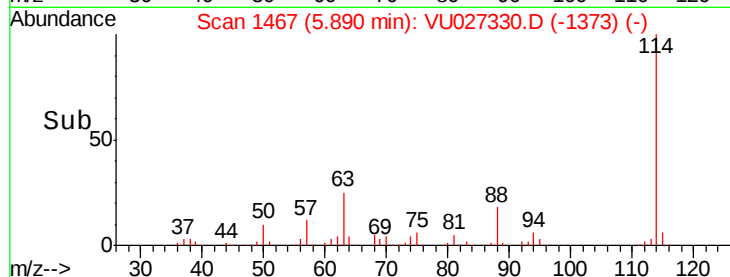
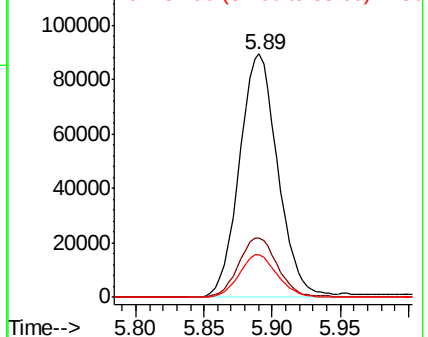
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-3

Tot Ion:114 Resp: 175150
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 17.5 0.0 33.8

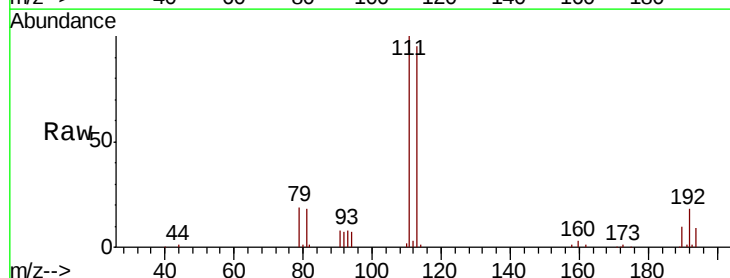


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

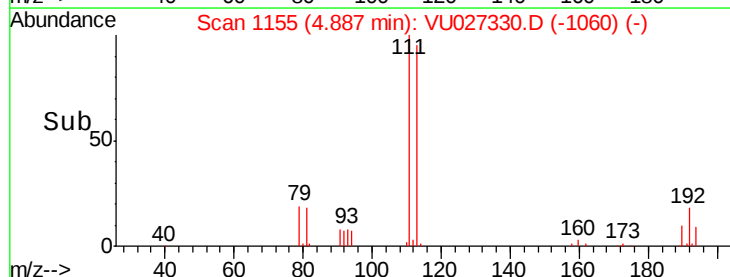
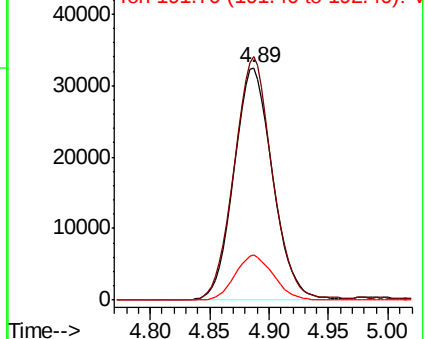


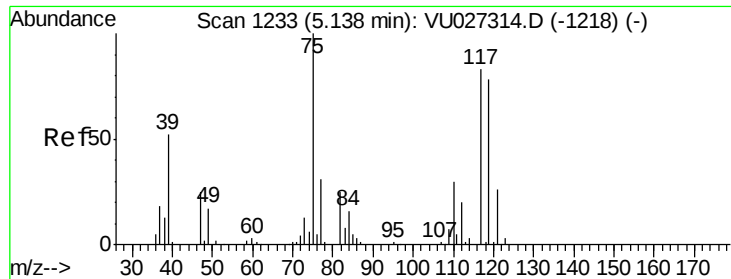
#35
 Dibromofluoromethane
 Concen: 60.999 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

Tgt Ion:113 Resp: 73220
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 19.0 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

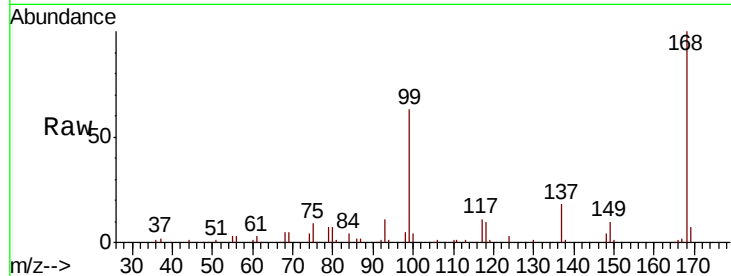




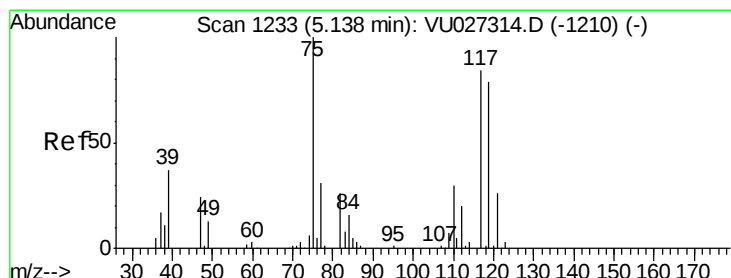
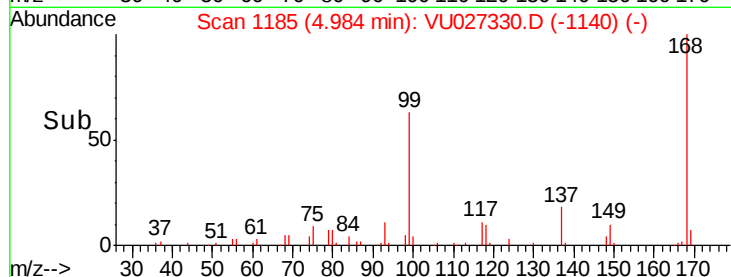
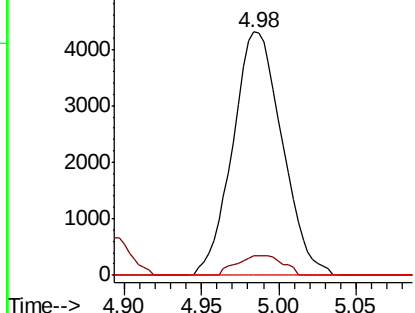
#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-3

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.5	46.5#
77	0.0	25.4	38.0#

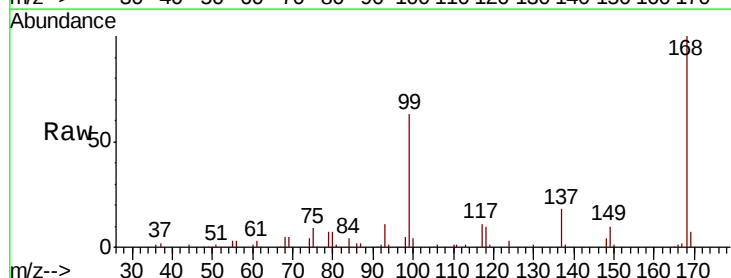


Abundance Ion 74.90 (74.60 to 75.60): VU027330.D (-1140) (-)
 Ion 109.90 (109.60 to 110.60): VU027330.D (-1140) (-)
 Ion 76.90 (76.60 to 77.60): VU027330.D (-1140) (-)

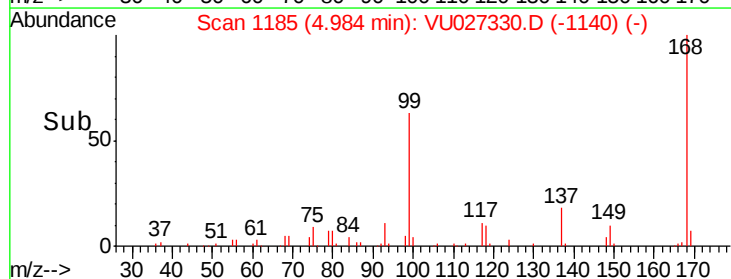
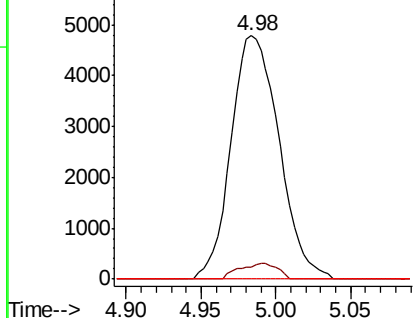


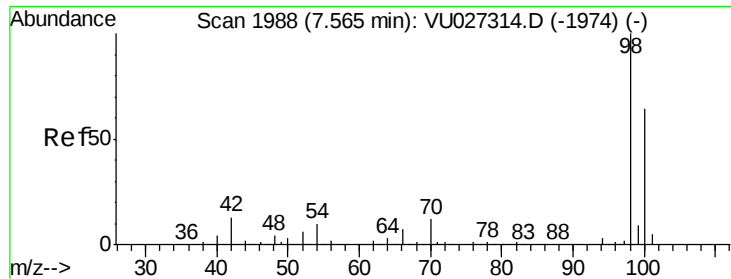
#38
 Carbon Tetrachloride
 Concen: 6.221 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027330.D (-1140) (-)
 Ion 118.80 (118.50 to 119.50): VU027330.D (-1140) (-)
 Ion 120.80 (120.50 to 121.50): VU027330.D (-1140) (-)

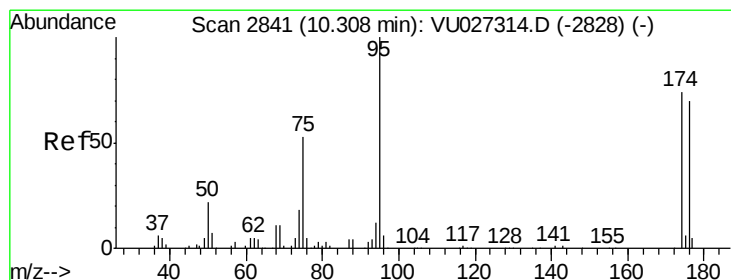
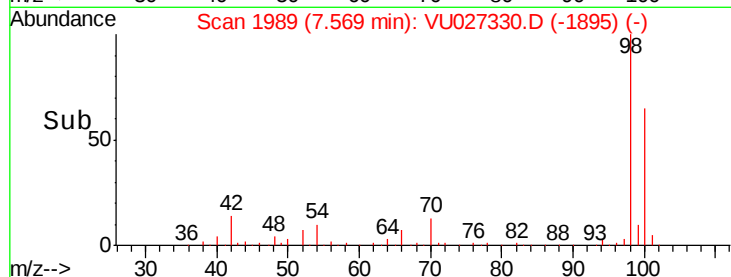
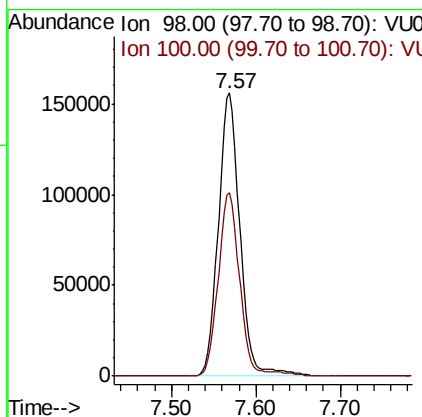
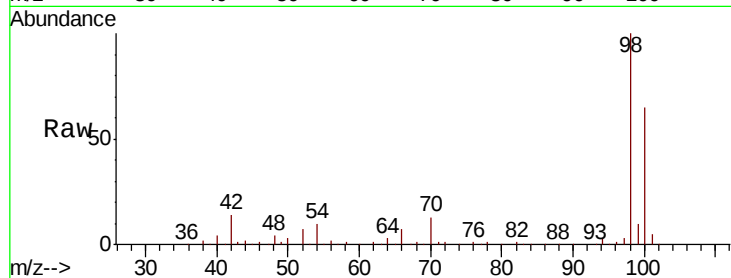




#50
Toluene-d8
Concen: 61.806 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

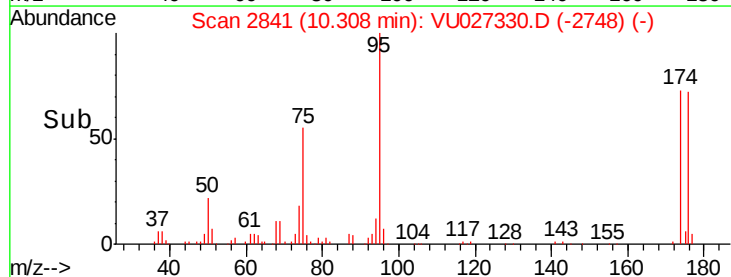
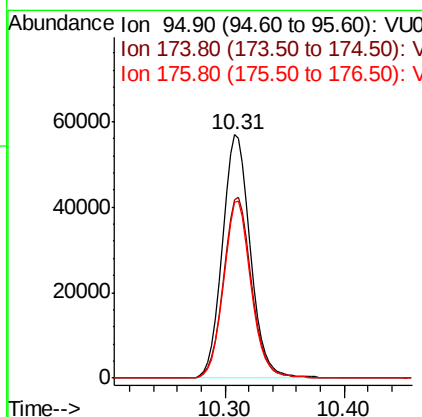
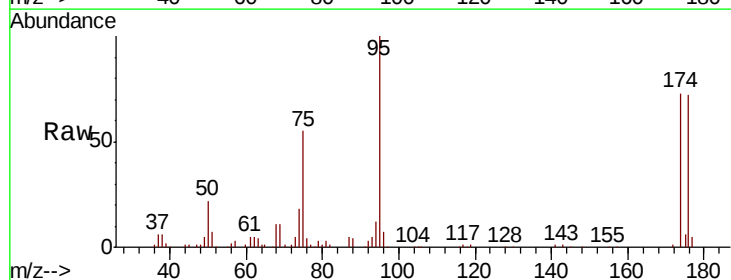
Instrument :
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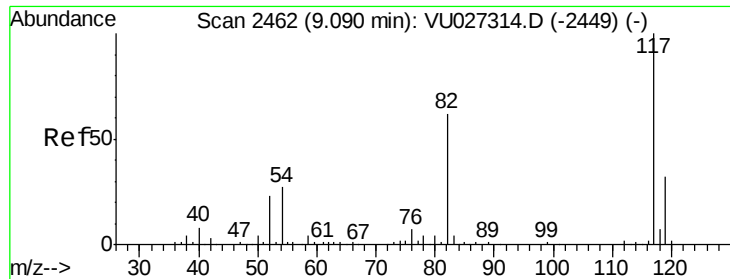
Tot Ion: 98 Resp: 277665
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.445 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

Tgt Ion: 95 Resp: 92571
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.8
176 71.6 0.0 140.8

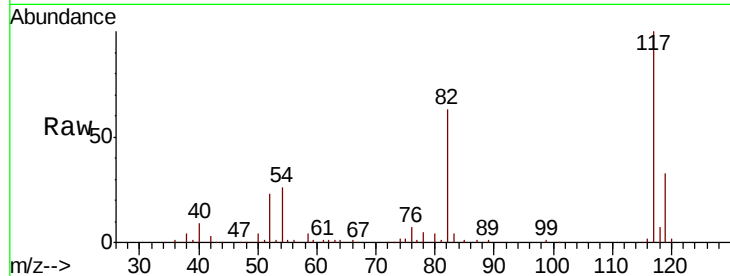




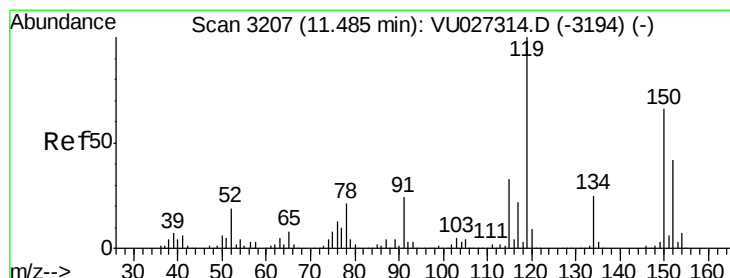
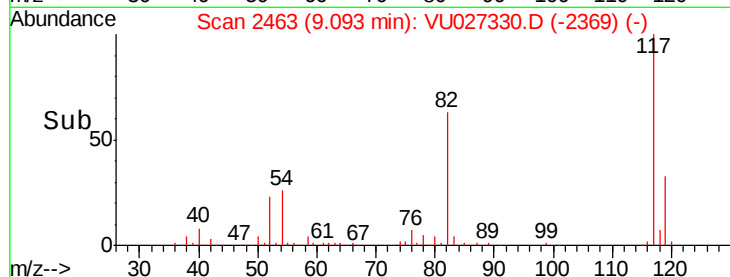
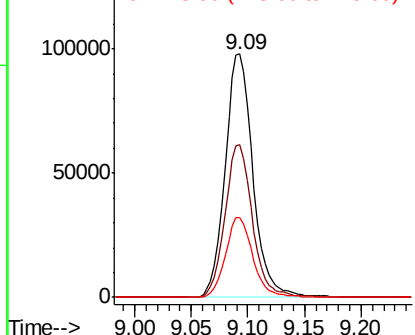
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampled :
WS-3

Tot Ion:117 Resp: 167532
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.8 25.7 38.5

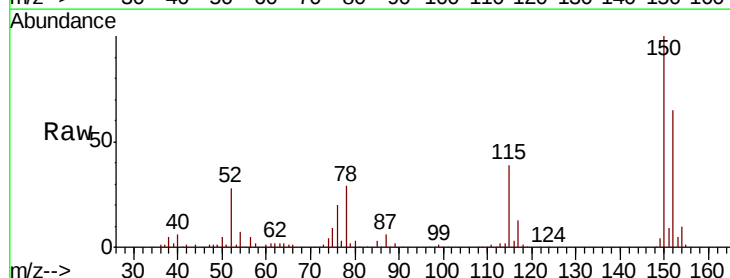


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

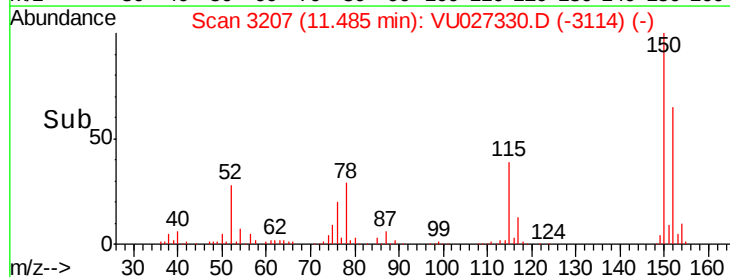
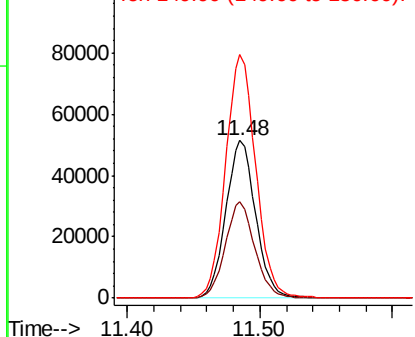


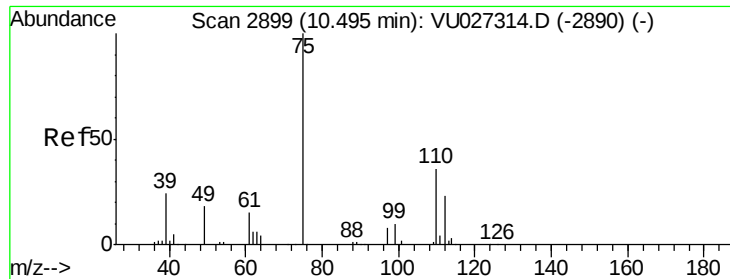
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027330.D
Acq: 01 Oct 2018 19:56

Tgt Ion:152 Resp: 80265
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.2
150 156.5 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

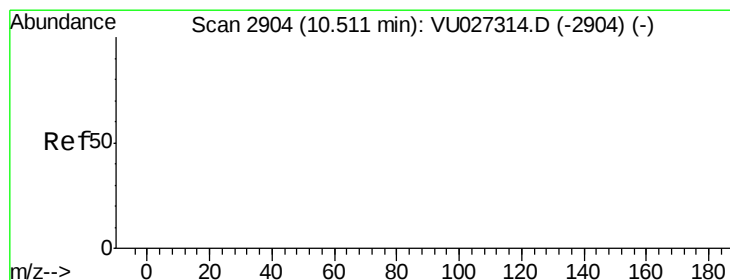
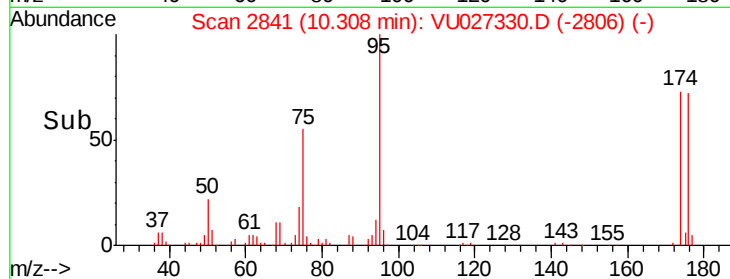
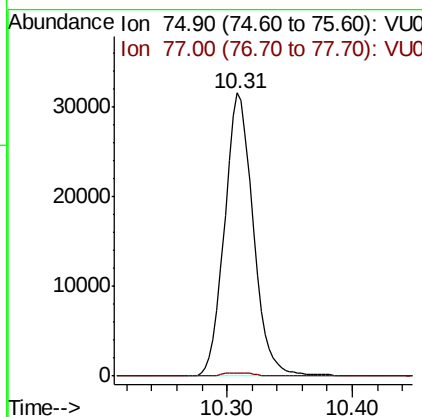
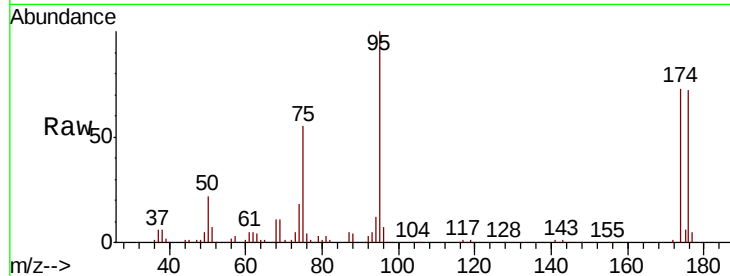




#76
 1,2,3-Trichloropropane
 Concen: 24.033 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

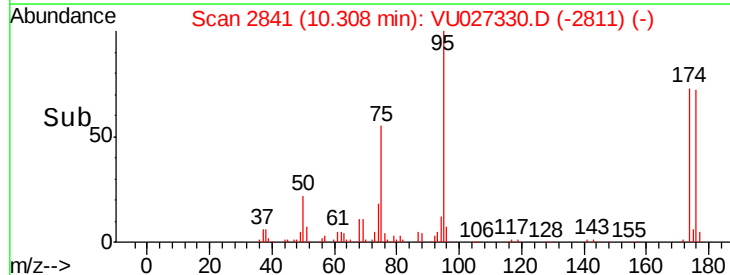
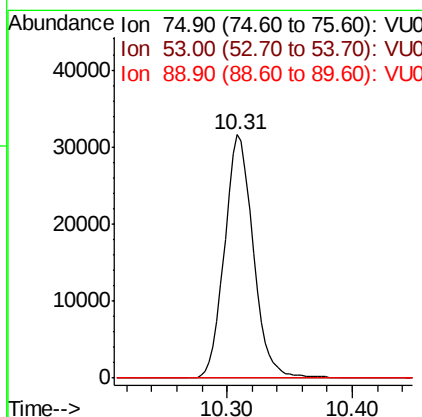
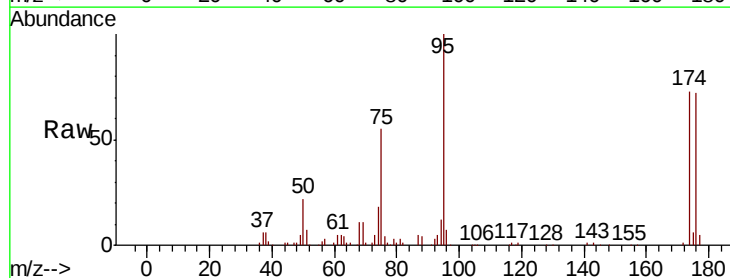
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-3

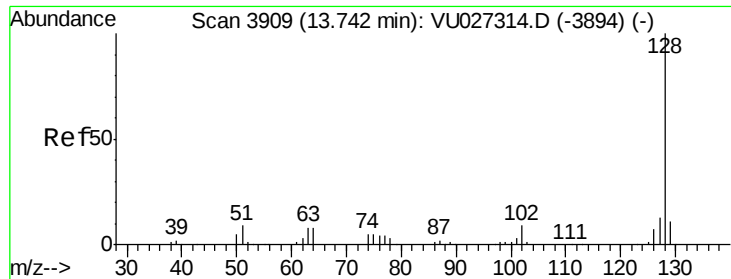
Tot Ion: 75 Resp: 50004
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.896 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027330.D
 Acq: 01 Oct 2018 19:56

Tgt Ion: 75 Resp: 50004
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.688 ug/l

RT: 13.77 min Scan# 3919

Delta R.T. 0.03 min

Lab File: VU027330.D

Acq: 01 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

WS-3

Tot Ion:128 Resp: 173

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

