

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025125.D
 Acq On : 01 Jul 2018 07:21
 Operator : MD/SY
 Sample : J3789-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Jul 02 05:48:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

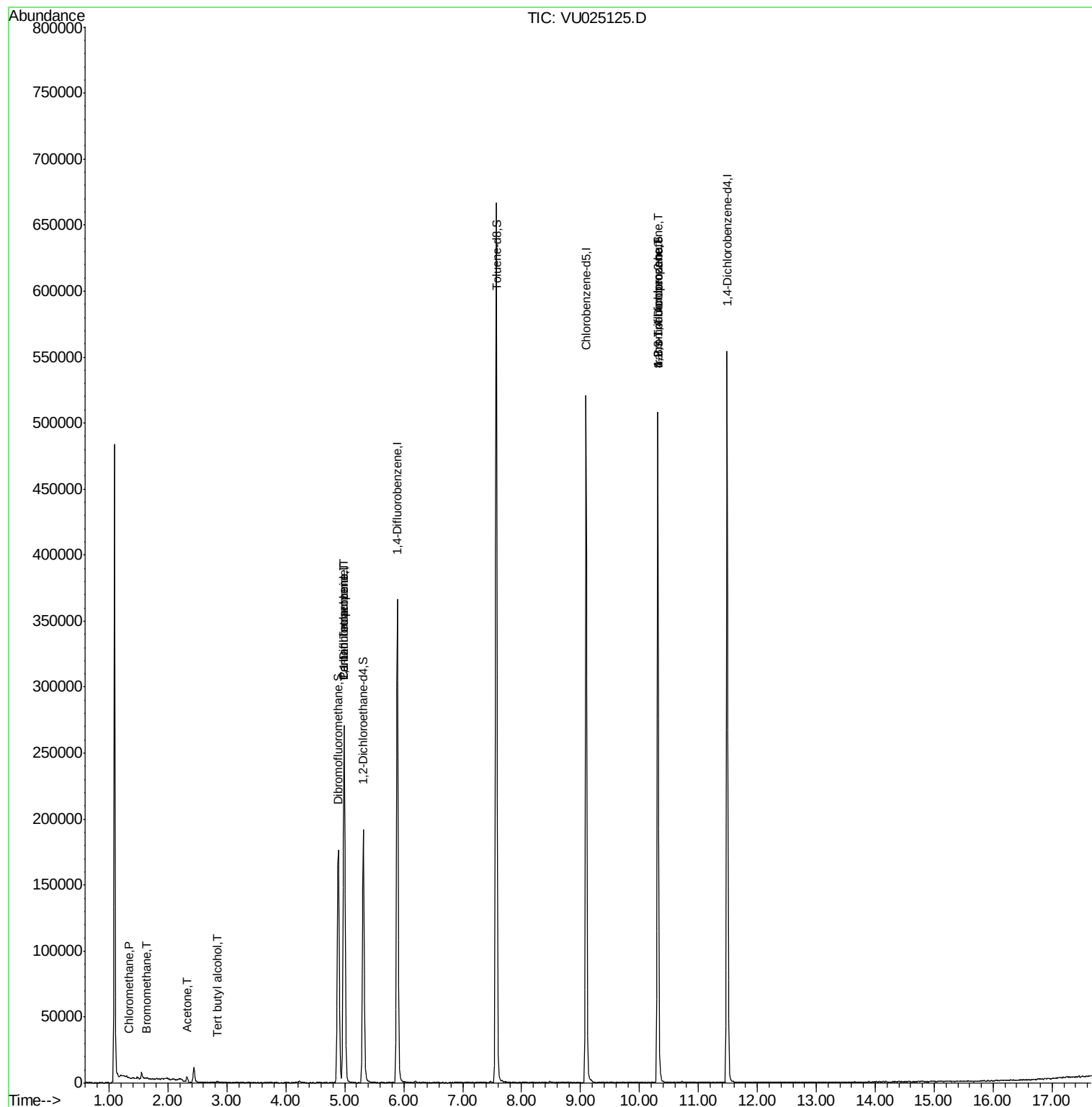
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307665	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156299	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	4.89	113	119711	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.57	98	443376	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	10.31	95	163756	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	608	0.231	ug/l #	86
5) Bromomethane	1.64	94	413	0.314	ug/l	84
6) Chloroethane	1.71	64	72	Below Cal	#	43
11) Tert butyl alcohol	2.83	59	847	1.035	ug/l #	72
16) Acetone	2.32	43	4312	2.385	ug/l	96
31) Cyclohexane	4.99	56	4225	Below Cal	#	24
36) 1,1-Dichloropropene	4.99	75	15296	4.231	ug/l #	48
38) Carbon Tetrachloride	4.99	117	19730	4.963	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	86077	26.451	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	86077	61.219	ug/l #	100

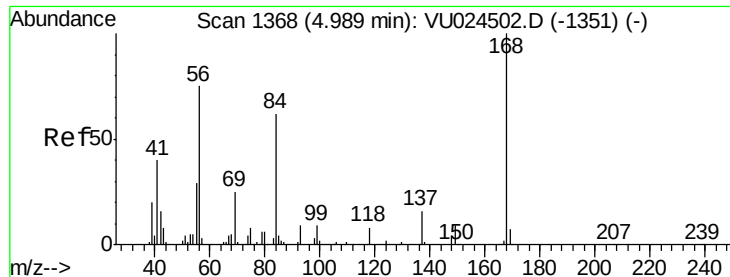
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

Instrument :

MSVOA_U

ClientSampleId :

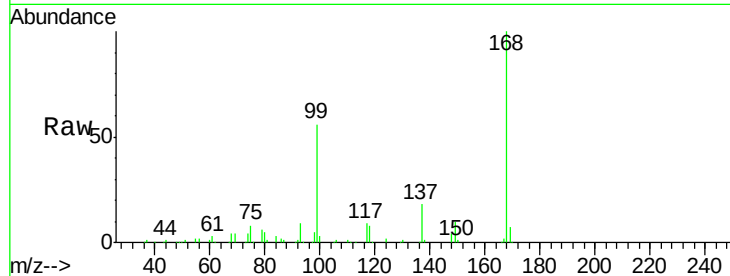
MW-3

Tgt Ion:168 Resp: 206121

Ion Ratio Lower Upper

168 100

99 56.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025125.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025125.D (-1275) (-)

4.99

100000

80000

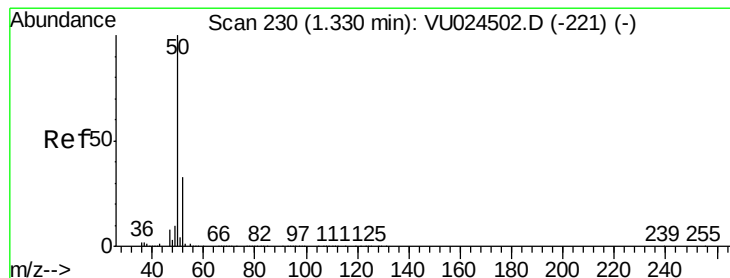
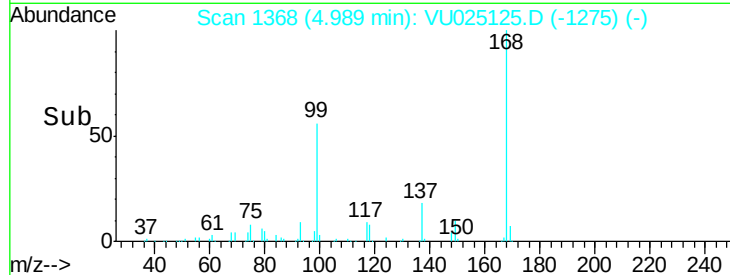
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.231 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025125.D

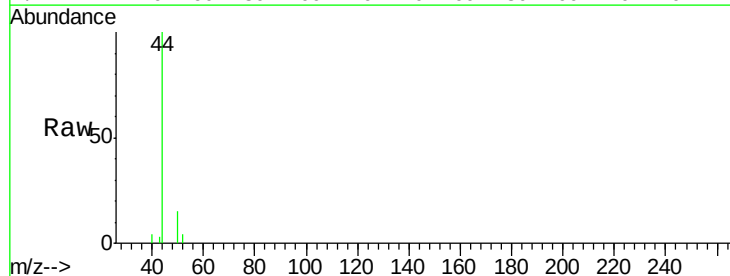
Acq: 01 Jul 2018 07:21

Tgt Ion: 50 Resp: 608

Ion Ratio Lower Upper

50 100

52 25.2 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU025125.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025125.D (-137) (-)

1.33

600

500

400

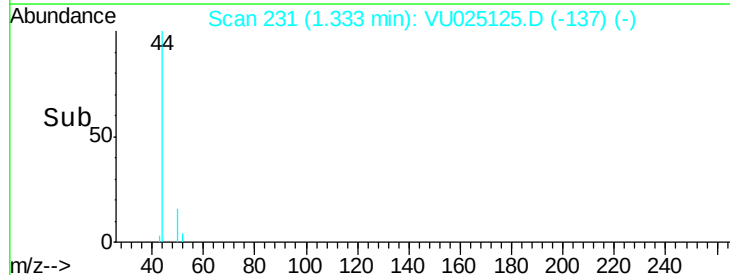
300

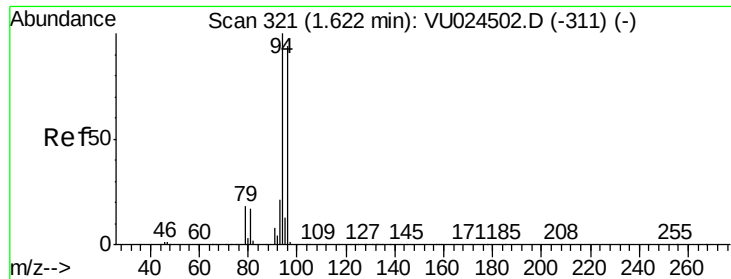
200

100

0

Time-->





#5

Bromomethane

Concen: 0.314 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

Instrument :

MSVOA_U

ClientSampleId :

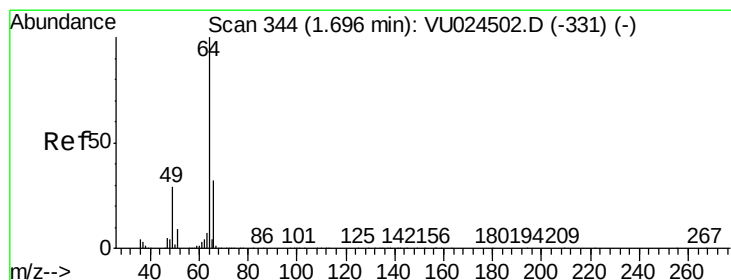
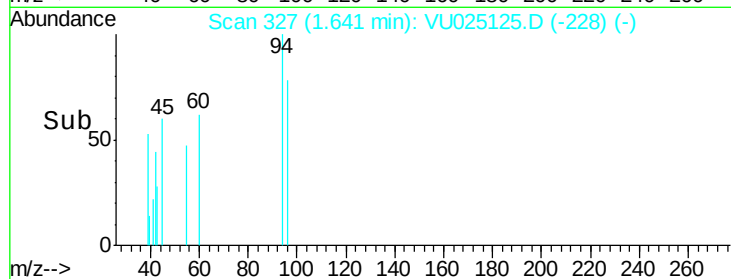
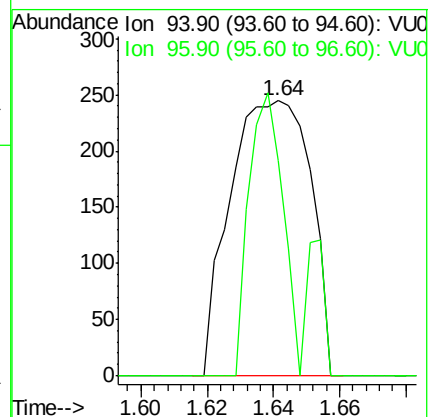
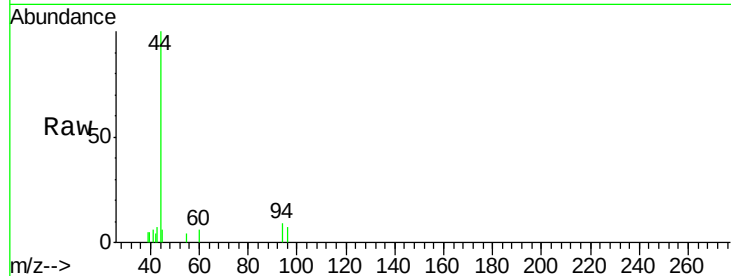
MW-3

Tgt Ion: 94 Resp: 413

Ion Ratio Lower Upper

94 100

96 78.0 74.5 111.7



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU025125.D

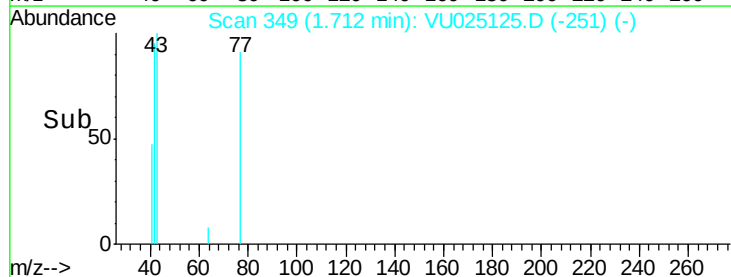
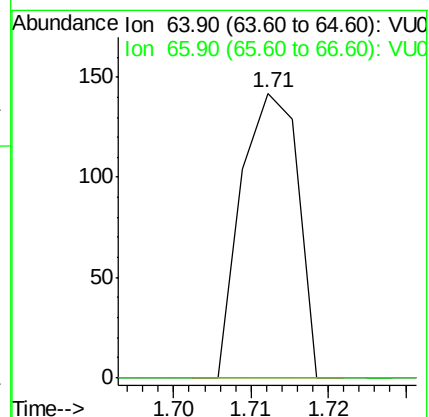
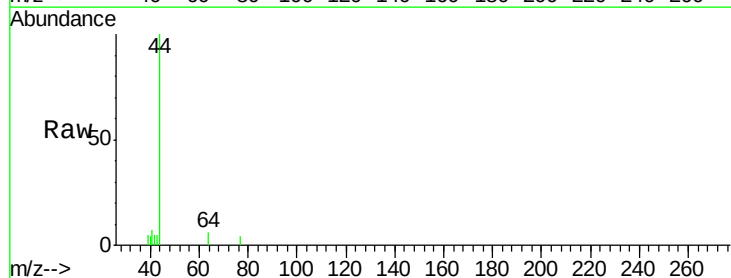
Acq: 01 Jul 2018 07:21

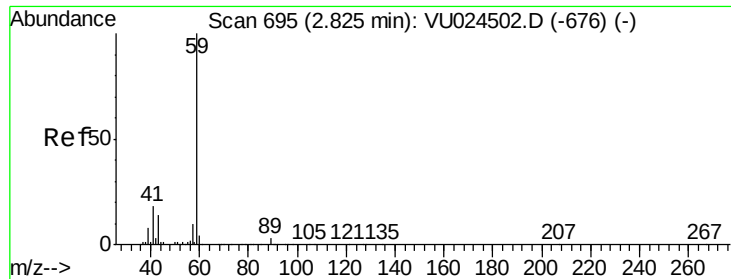
Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

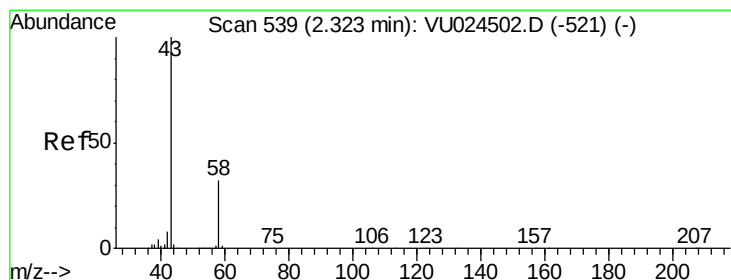
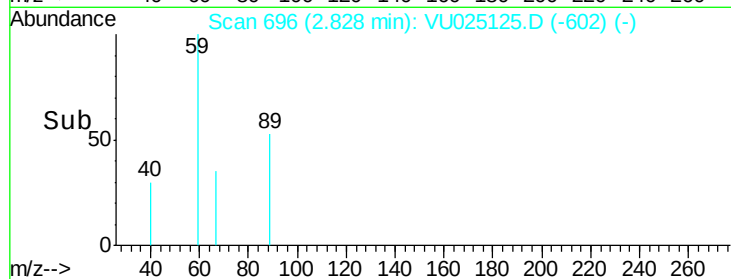
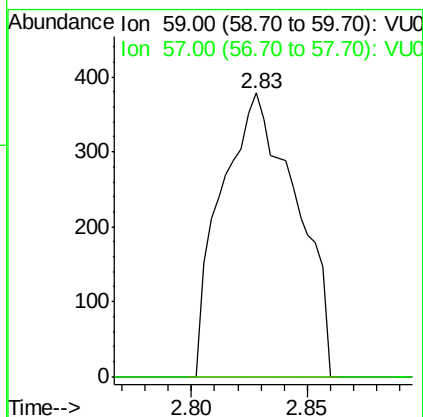
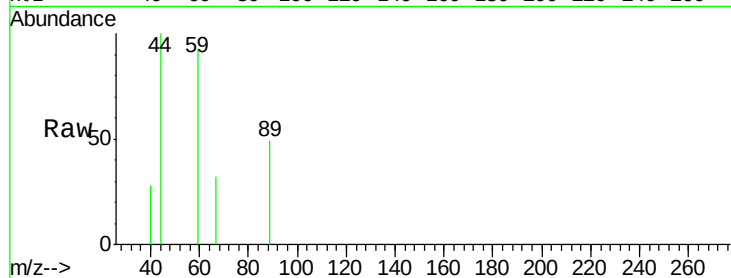




#11
Tert butyl alcohol
Concen: 1.035 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

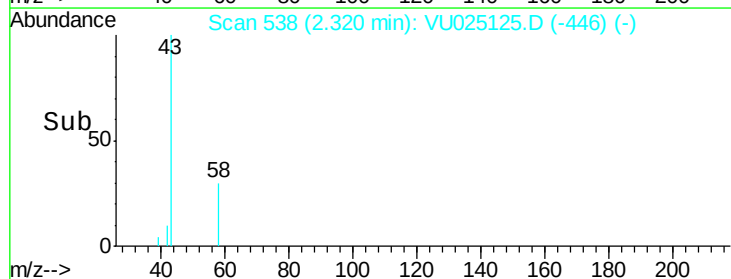
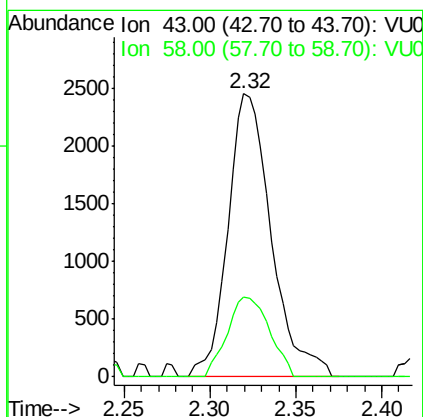
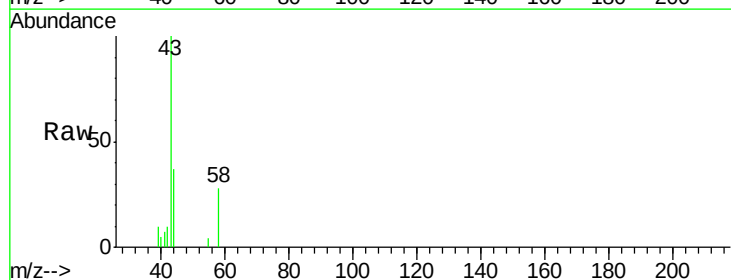
Instrument :
MSVOA_U
ClientSampleId :
MW-3

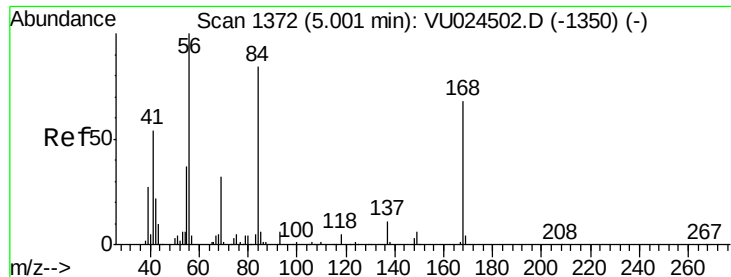
Tgt Ion: 59 Resp: 847
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 2.385 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

Tgt Ion: 43 Resp: 4312
Ion Ratio Lower Upper
43 100
58 28.3 24.4 36.6

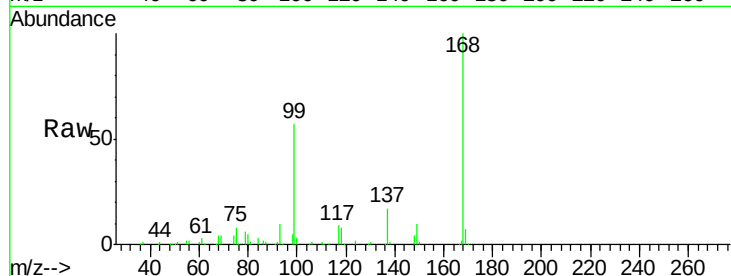




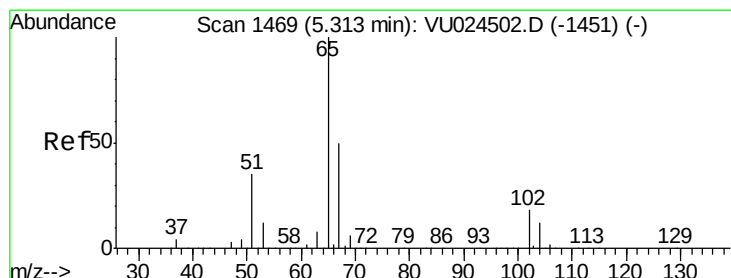
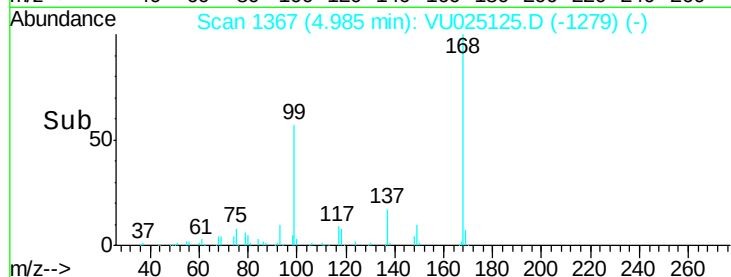
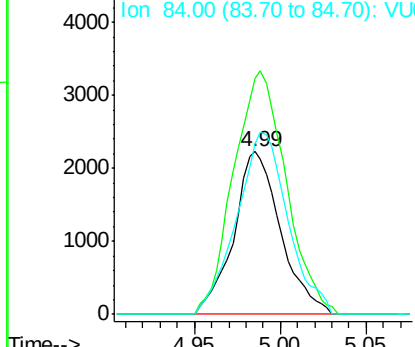
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

Instrument :
MSVOA_U
ClientSampled :
MW-3

Tgt Ion: 56 Resp: 4225
Ion Ratio Lower Upper
56 100
69 145.1 24.8 37.2#
84 104.9 65.2 97.8#

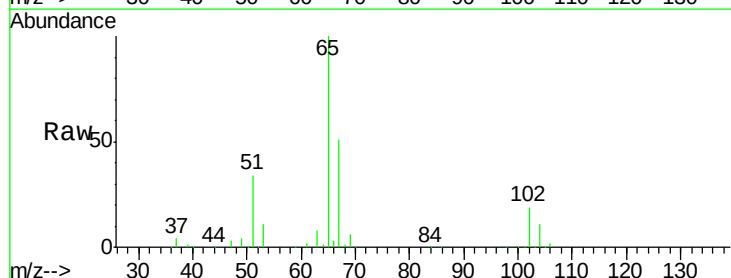


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

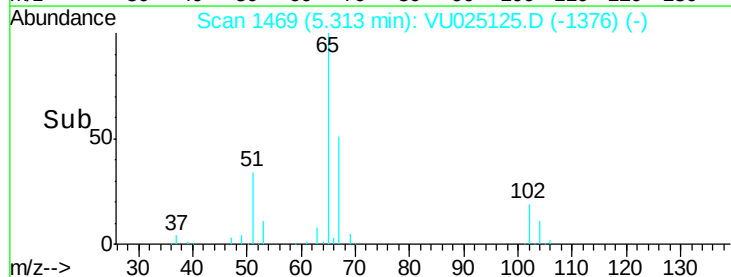
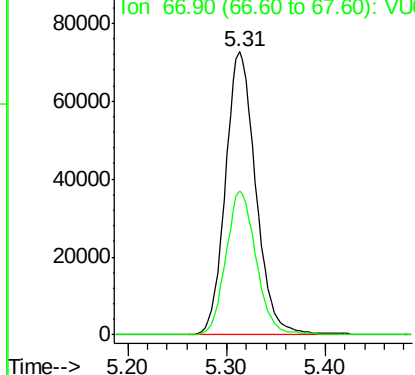


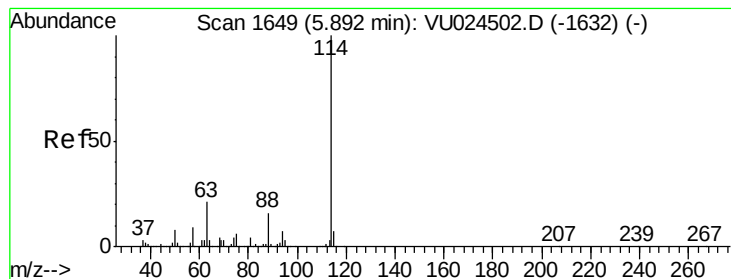
#33
1,2-Dichloroethane-d4
Concen: 46.449 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

Tgt Ion: 65 Resp: 156299
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.0



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# 1649

Delta R.T. -0.00 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

Instrument :

MSVOA_U

ClientSampleId :

MW-3

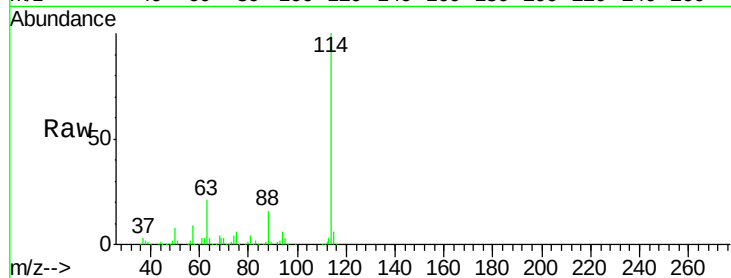
Tgt Ion:114 Resp: 307665

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

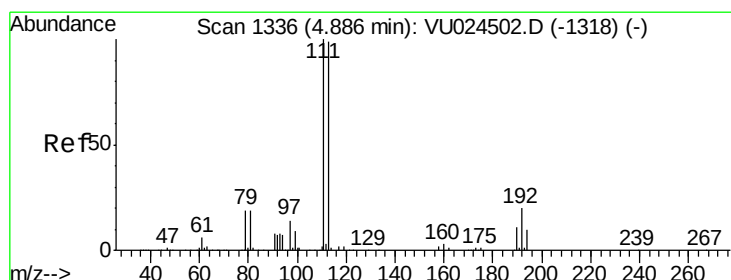
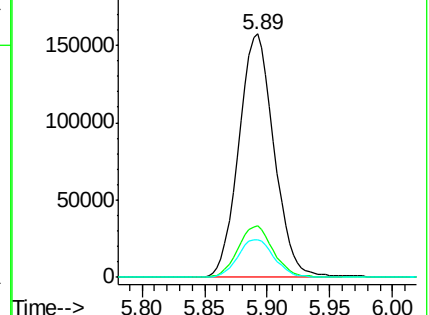
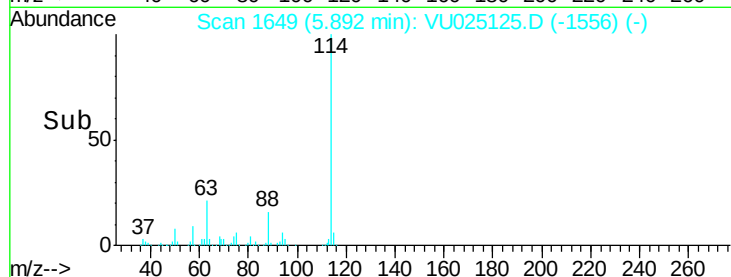
88 15.7 0.0 31.0



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: 46.883 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

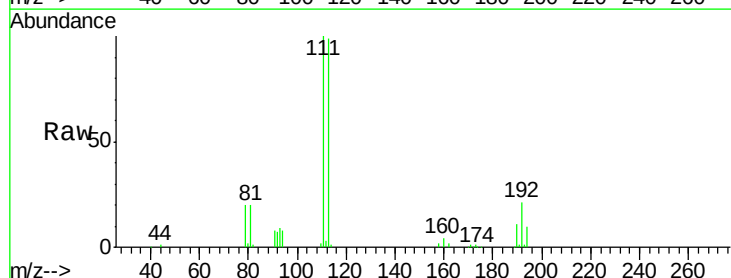
Tgt Ion:113 Resp: 119711

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

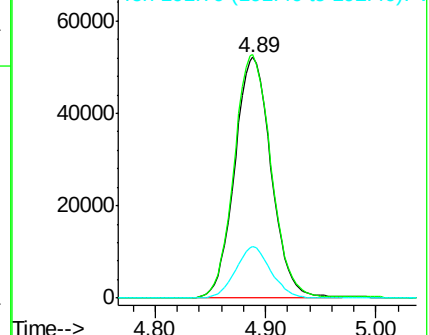
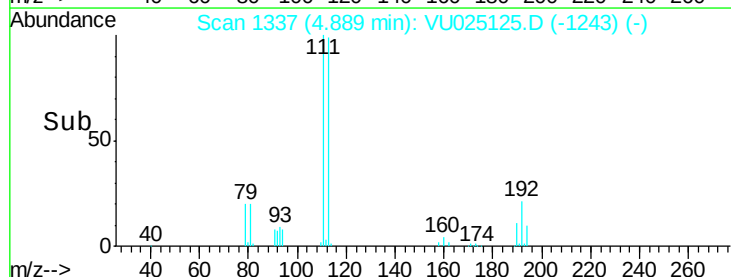
192 20.5 16.2 24.4

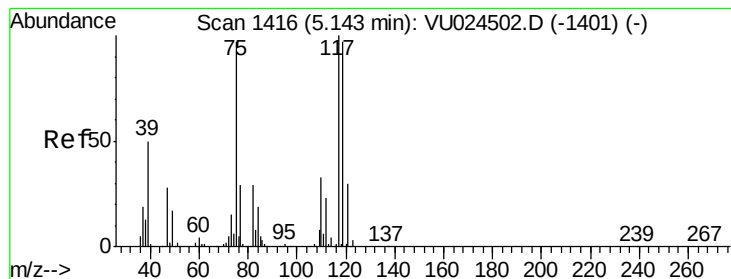


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

Instrument :

MSVOA_U

ClientSampleId :

MW-3

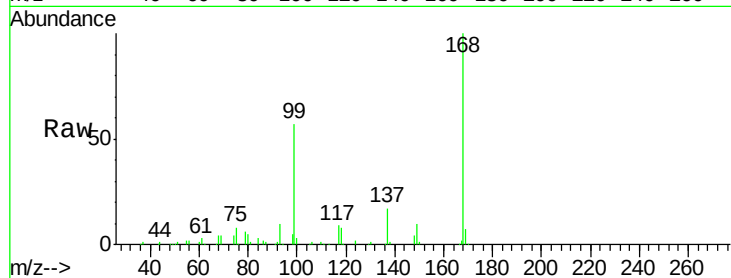
Tgt Ion: 75 Resp: 15296

Ion Ratio Lower Upper

75 100

110 5.5 17.0 50.9#

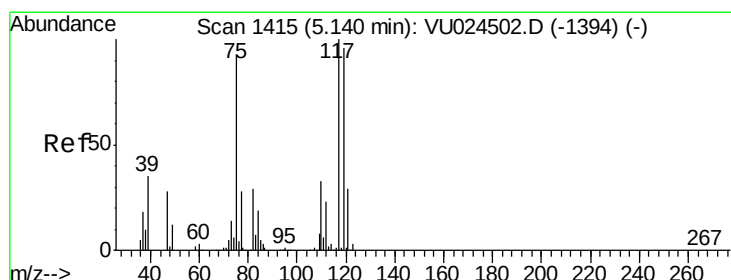
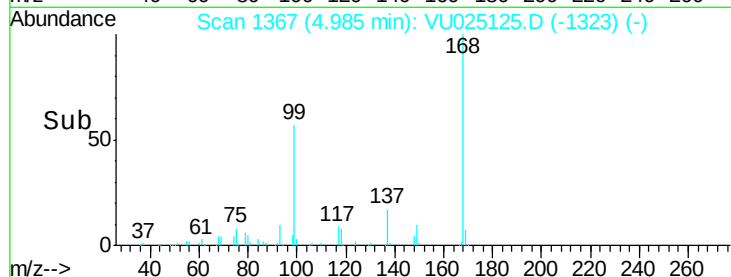
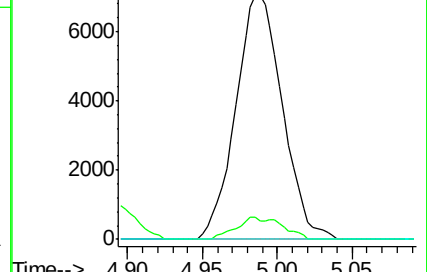
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU025125.D (-1323) (-)

Ion 109.90 (109.60 to 110.60): VU025125.D (-1323) (-)

Ion 76.90 (76.60 to 77.60): VU025125.D (-1323) (-)



#38

Carbon Tetrachloride

Concen: 4.963 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

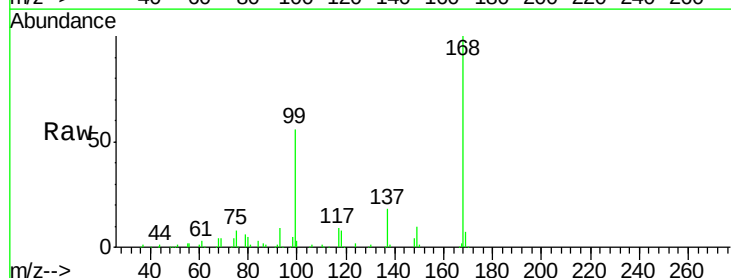
Tgt Ion: 117 Resp: 19730

Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

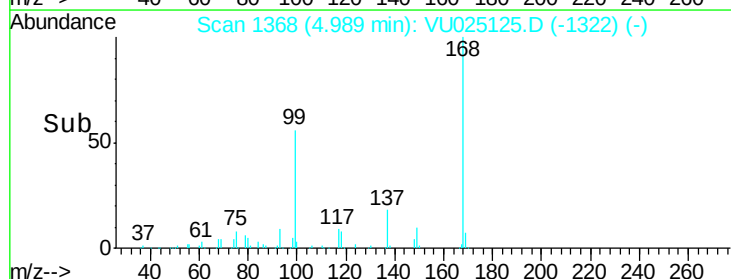
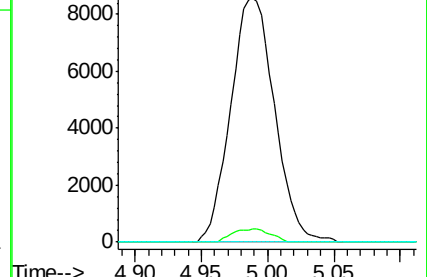
121 0.0 23.7 35.5#

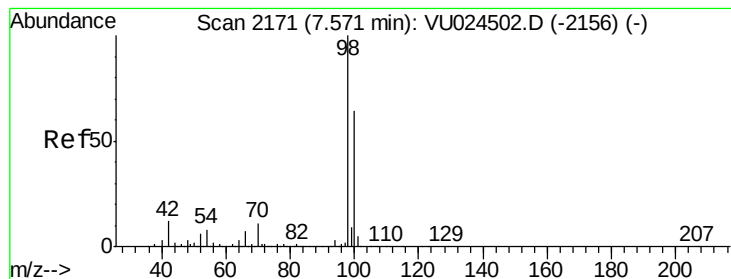


Abundance Ion 116.80 (116.50 to 117.50): VU025125.D (-1322) (-)

Ion 118.80 (118.50 to 119.50): VU025125.D (-1322) (-)

Ion 120.80 (120.50 to 121.50): VU025125.D (-1322) (-)





#50

Toluene-d8

Concen: 47.605 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

Instrument :

MSVOA_U

ClientSampled :

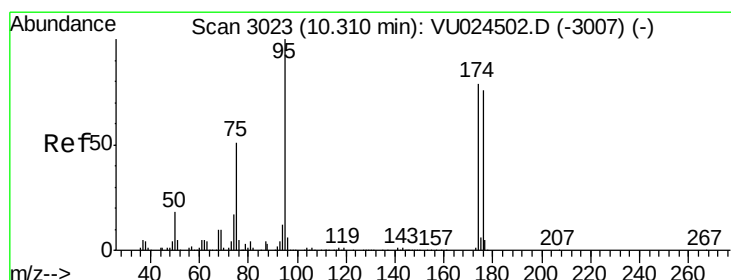
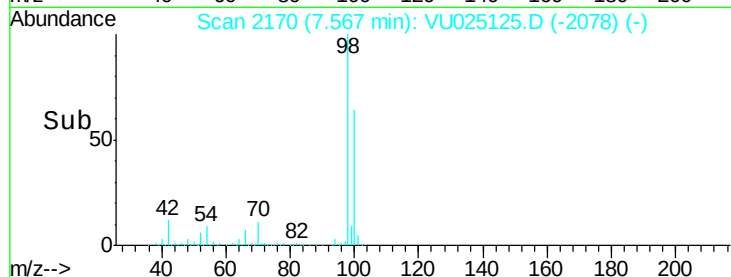
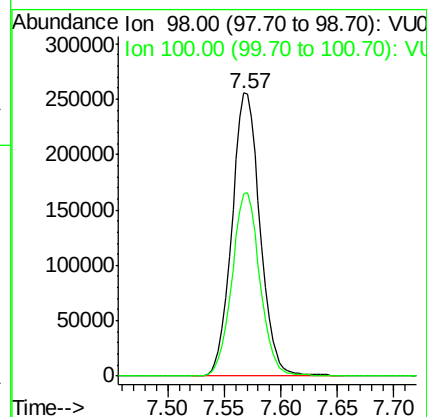
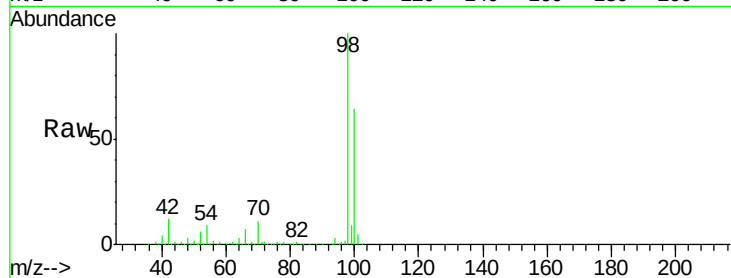
MW-3

Tgt Ion: 98 Resp: 443376

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.283 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025125.D

Acq: 01 Jul 2018 07:21

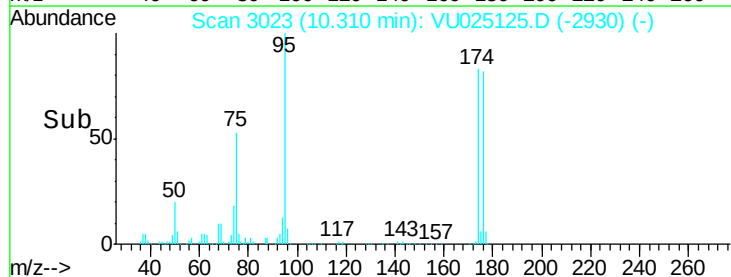
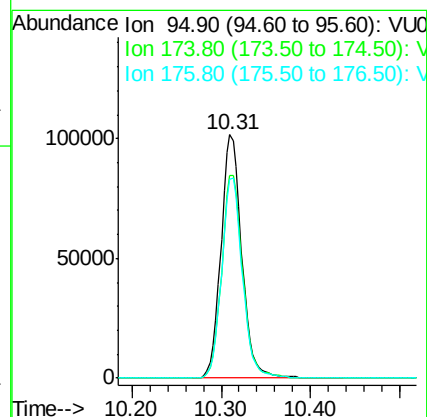
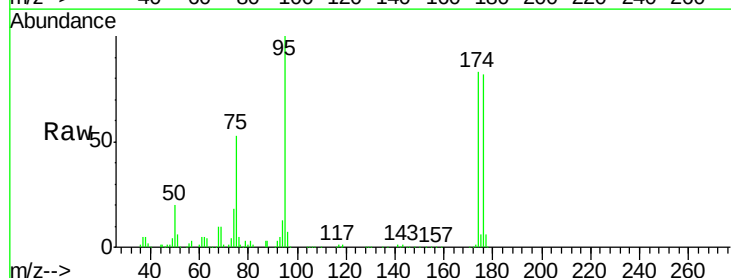
Tgt Ion: 95 Resp: 163756

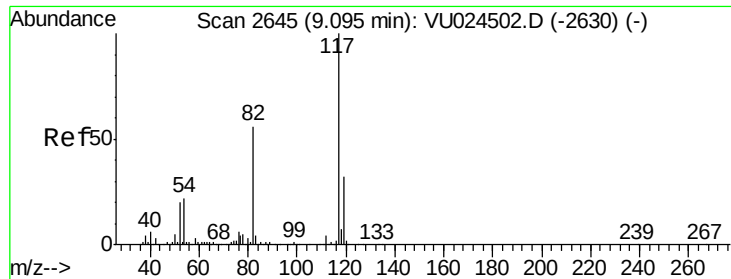
Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 82.0 0.0 159.4

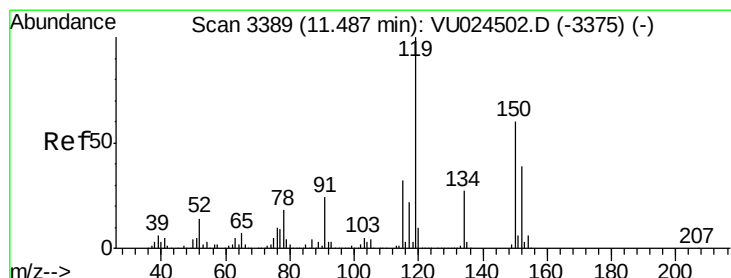
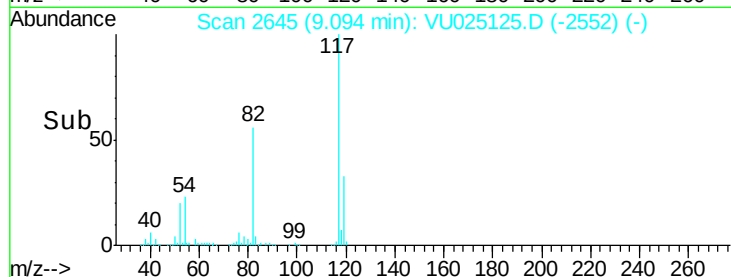
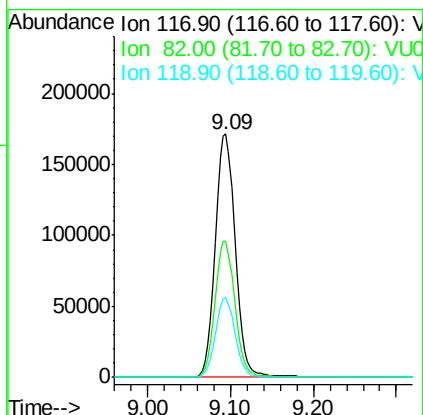
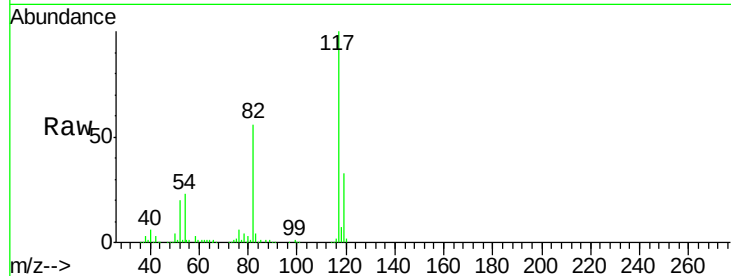




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

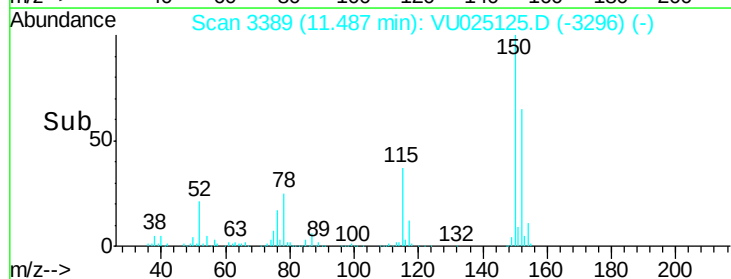
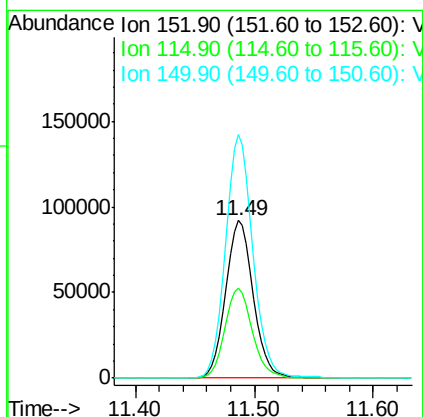
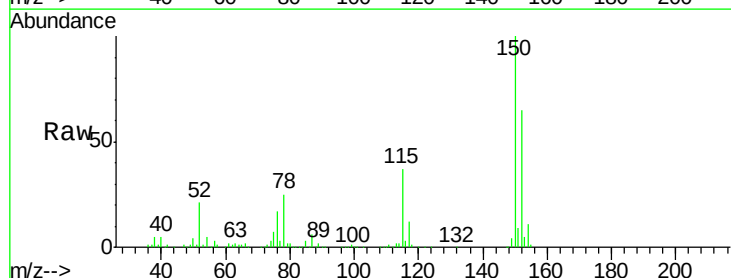
Instrument :
MSVOA_U
ClientSampleId :
MW-3

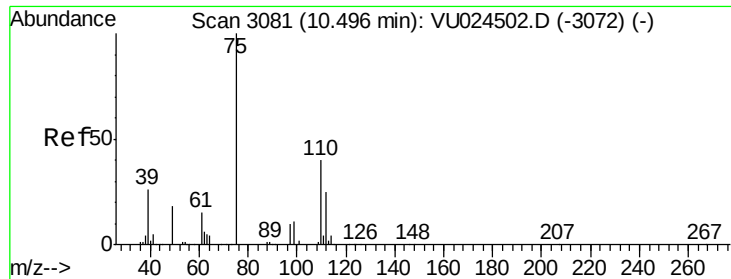
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025125.D
Acq: 01 Jul 2018 07:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	43.0	129.0
150	152.8	0.0	354.0

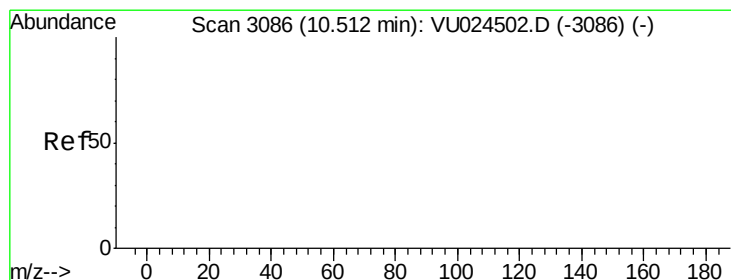
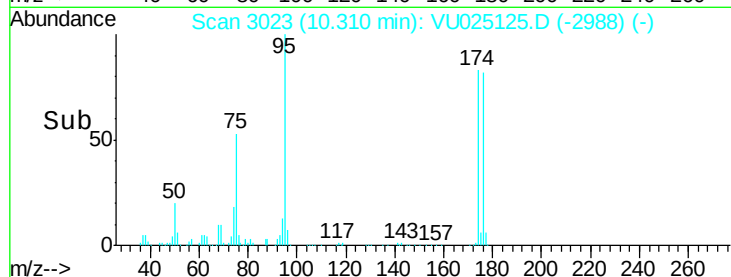
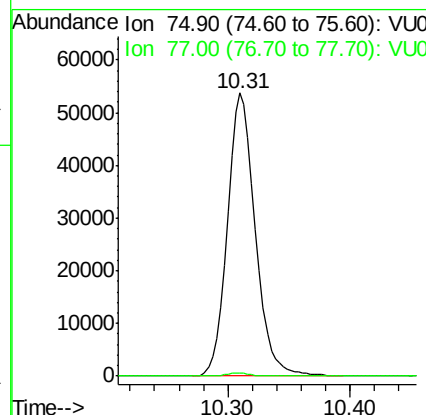
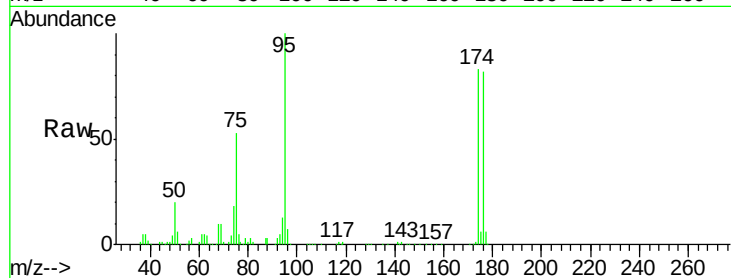




#76
 1,2,3-Trichloropropane
 Concen: 26.451 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025125.D
 Acq: 01 Jul 2018 07:21

Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

Tgt Ion: 75 Resp: 86077
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.219 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025125.D
 Acq: 01 Jul 2018 07:21

Tgt Ion: 75 Resp: 86077
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

