

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024726.D
 Acq On : 19 Jun 2018 06:21
 Operator : MD/SY
 Sample : J3535-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS042MW024-180613

Quant Time: Jun 19 08:27:47 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

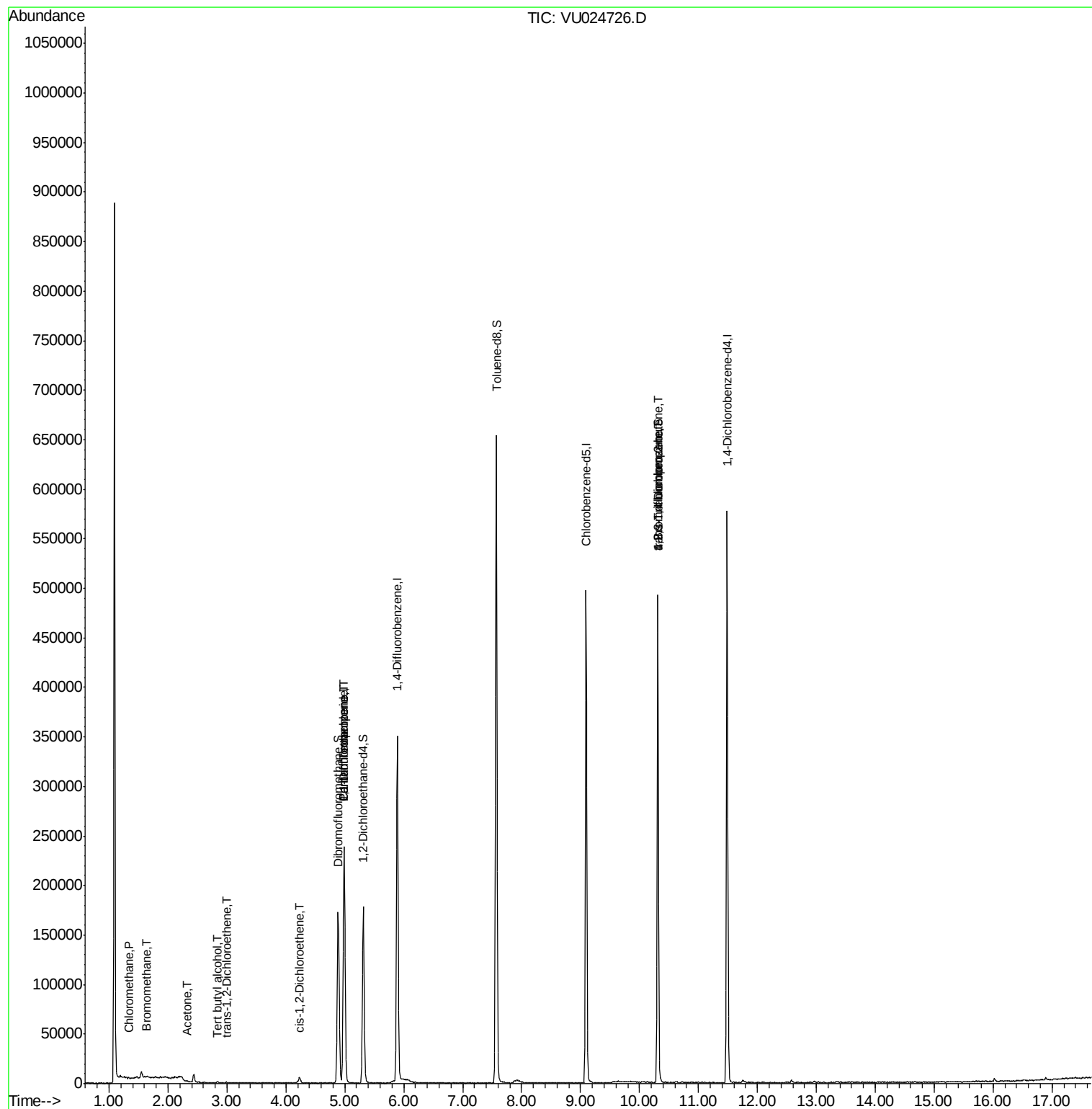
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304650	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	132654	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	117602	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	7.57	98	442301	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	153502	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	764	0.313	ug/l #	76
5) Bromomethane	1.64	94	568	0.467	ug/l	88
6) Chloroethane	1.69	64	121	Below Cal	#	43
11) Tert butyl alcohol	2.84	59	245	0.323	ug/l #	94
16) Acetone	2.32	43	1039	0.620	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	570	0.238	ug/l #	60
27) cis-1,2-Dichloroethene	4.24	96	3664	1.331	ug/l	79
31) Cyclohexane	4.99	56	3876	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	13266	3.706	ug/l #	50
38) Carbon Tetrachloride	4.99	117	17682	4.492	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	78298	23.895	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	78298	55.302	ug/l #	100

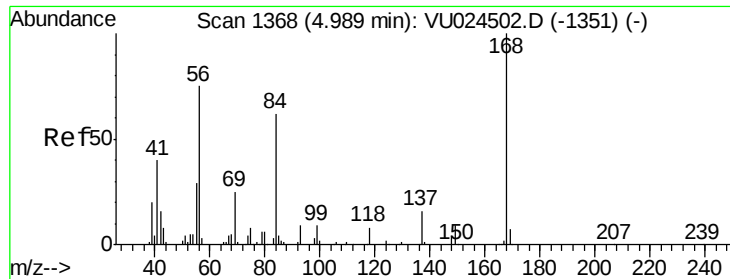
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024726.D
Acq On : 19 Jun 2018 06:21
Operator : MD/SY
Sample : J3535-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

Quant Time: Jun 19 08:27:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

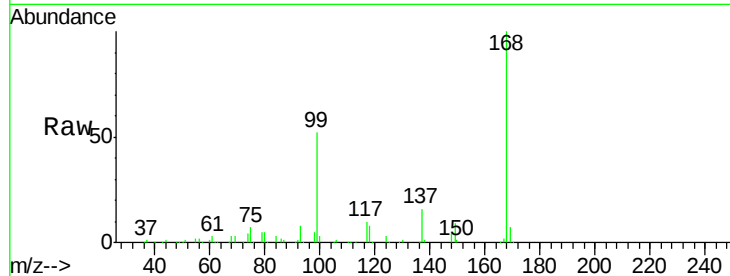
SS042MW024-180613

Tgt Ion:168 Resp: 190905

Ion Ratio Lower Upper

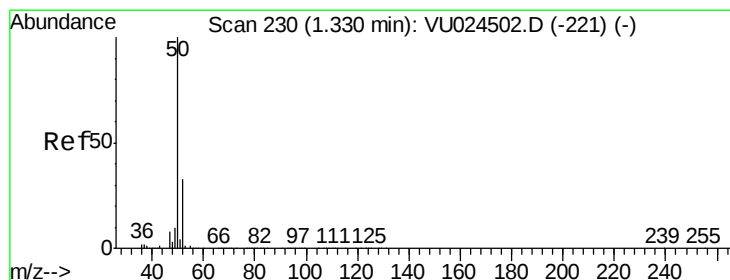
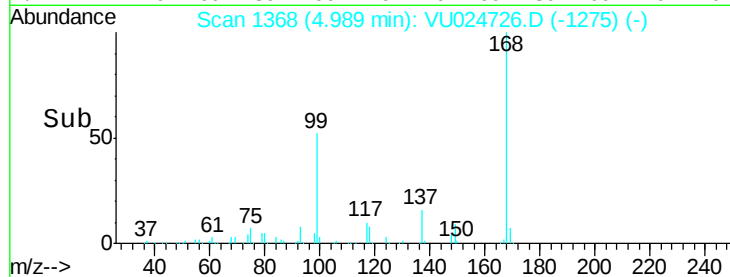
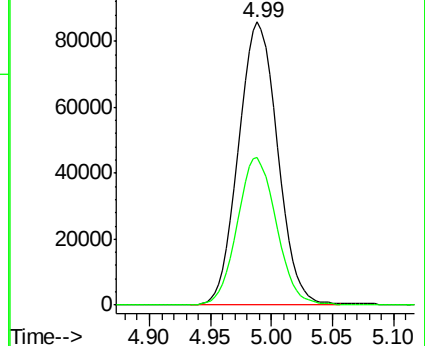
168 100

99 52.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024726.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024726.D (-1275) (-)



#3

Chloromethane

Concen: 0.313 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024726.D

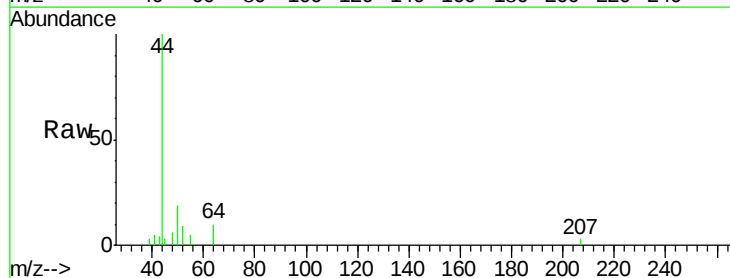
Acq: 19 Jun 2018 06:21

Tgt Ion: 50 Resp: 764

Ion Ratio Lower Upper

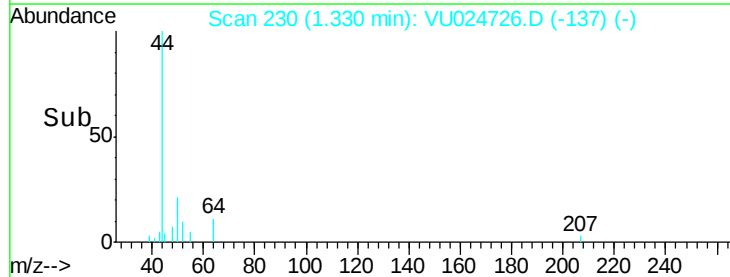
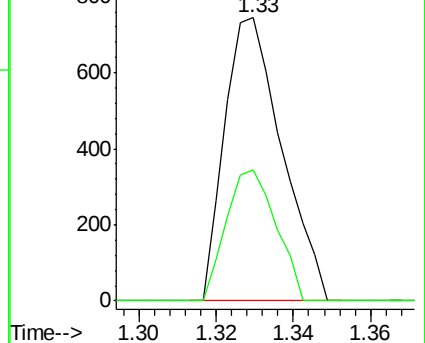
50 100

52 46.5 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024726.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024726.D (-137) (-)





#5

Bromomethane

Concen: 0.467 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

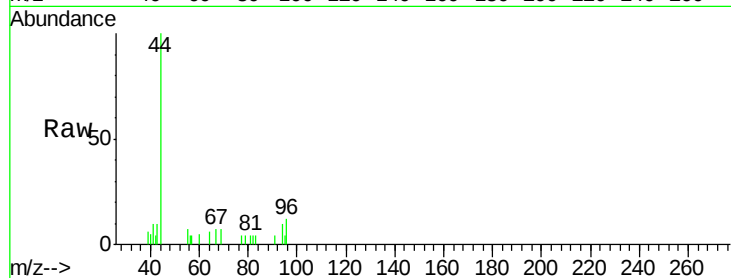
SS042MW024-180613

Tgt Ion: 94 Resp: 568

Ion Ratio Lower Upper

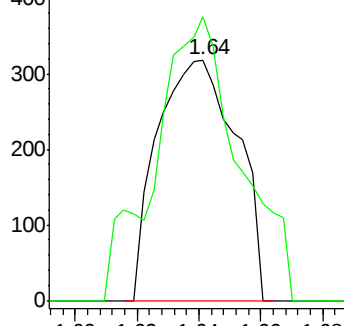
94 100

96 81.1 74.5 111.7

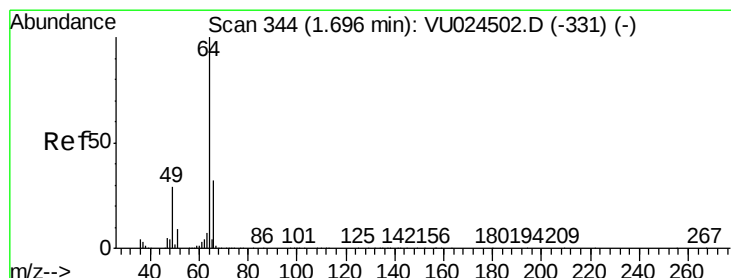
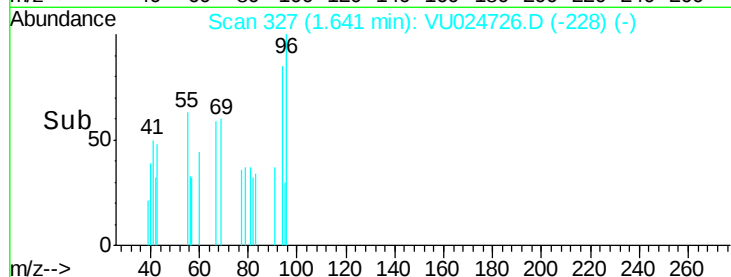


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time--> 1.60 1.62 1.64 1.66 1.68



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024726.D

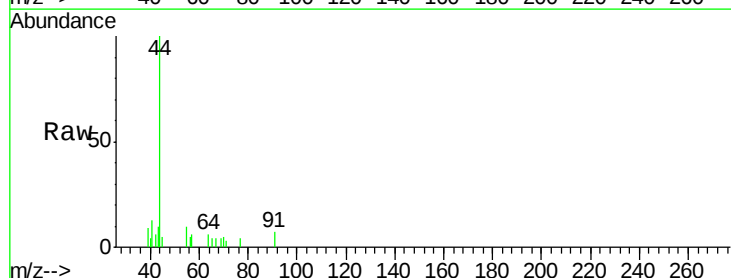
Acq: 19 Jun 2018 06:21

Tgt Ion: 64 Resp: 121

Ion Ratio Lower Upper

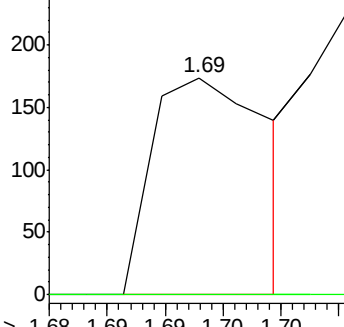
64 100

66 0.0 25.5 38.3#

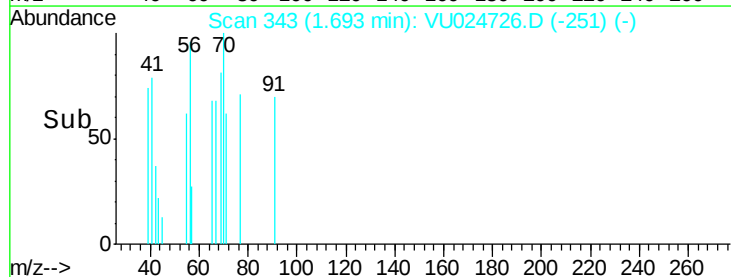


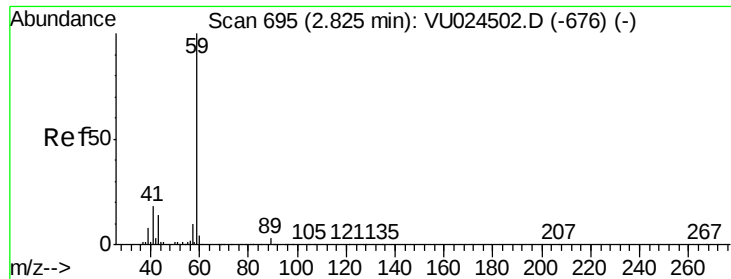
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time--> 1.68 1.69 1.69 1.70 1.70

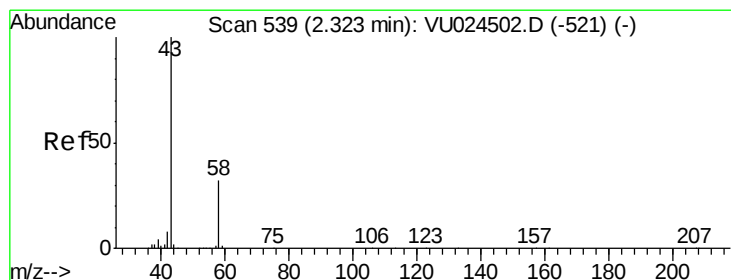
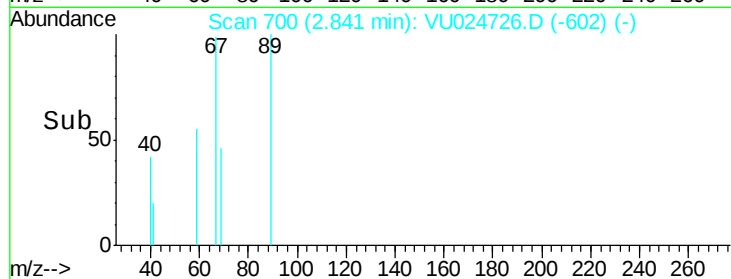
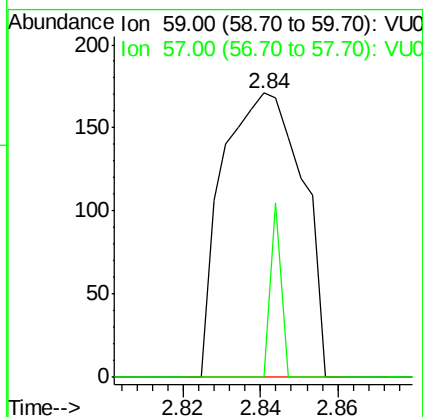
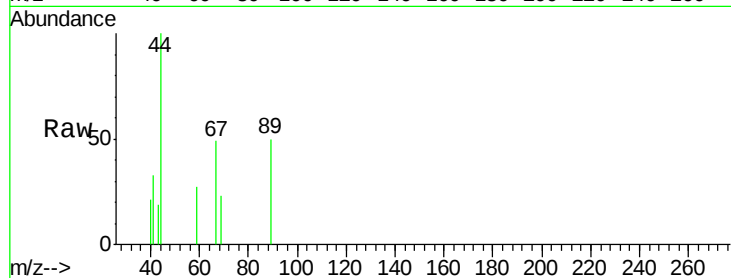




#11
Tert butyl alcohol
Concen: 0.323 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

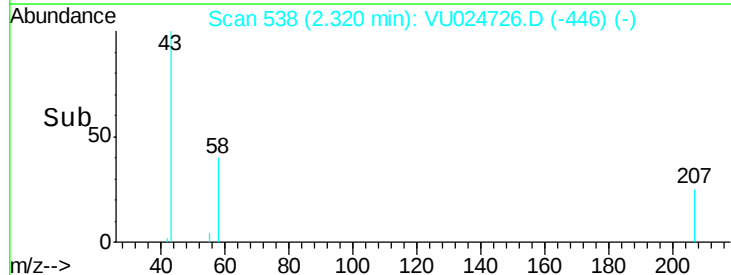
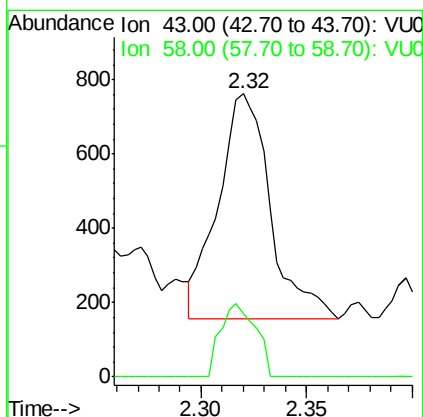
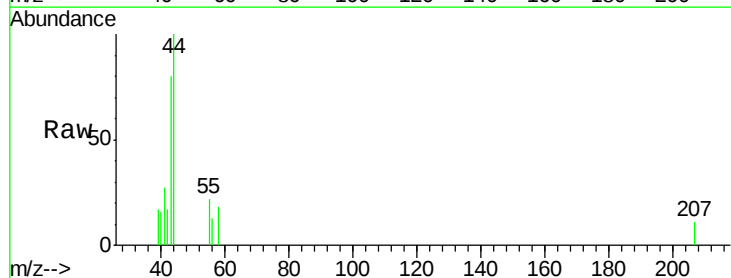
Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

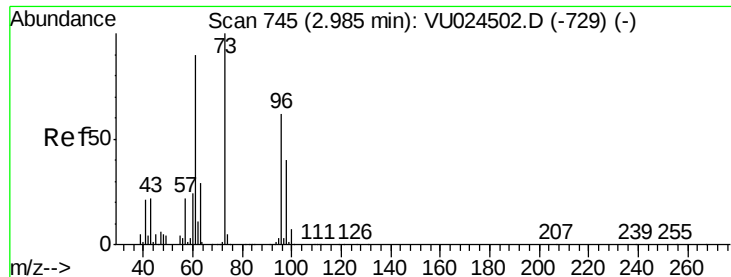
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 8.2 8.5 12.7#



#16
Acetone
Concen: 0.620 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 27.9 24.4 36.6





#21

trans-1,2-Dichloroethene

Concen: 0.238 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

SS042MW024-180613

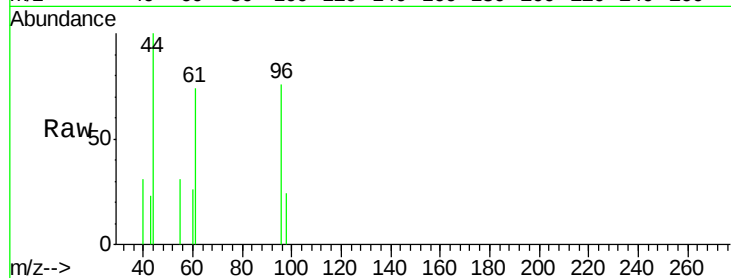
Tgt Ion: 96 Resp: 570

Ion Ratio Lower Upper

96 100

61 98.4 119.4 179.0#

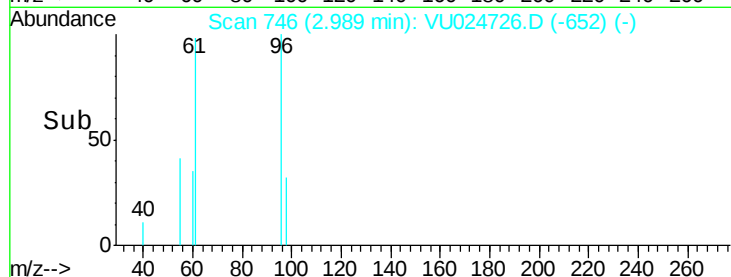
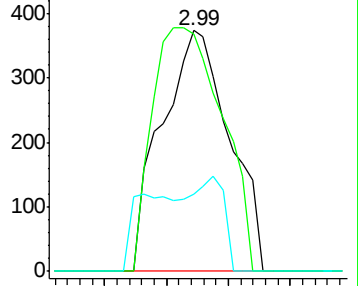
98 31.9 51.1 76.7#



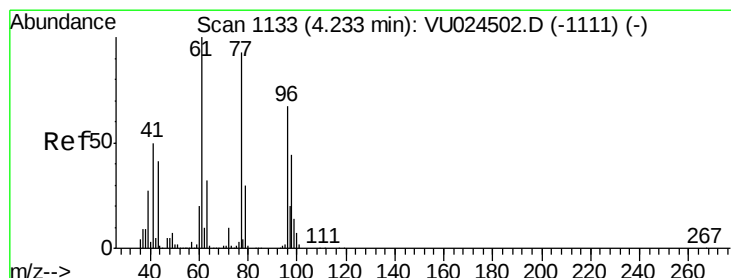
Abundance Ion 95.90 (95.60 to 96.60): VU024726.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024726.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024726.D (-1040) (-)



Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.331 ug/l

RT: 4.24 min Scan# 1135

Delta R.T. 0.01 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

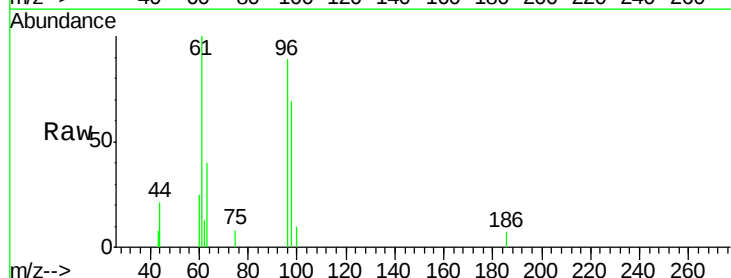
Tgt Ion: 96 Resp: 3664

Ion Ratio Lower Upper

96 100

61 114.7 0.0 306.6

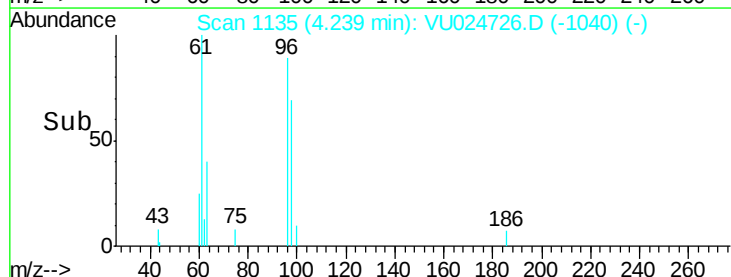
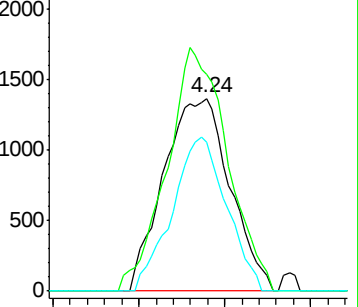
98 65.0 0.0 128.8

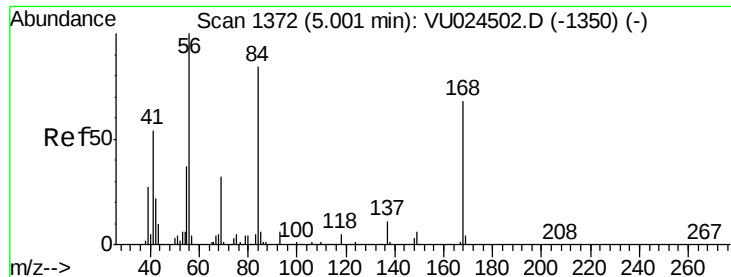


Abundance Ion 95.90 (95.60 to 96.60): VU024726.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024726.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024726.D (-1040) (-)

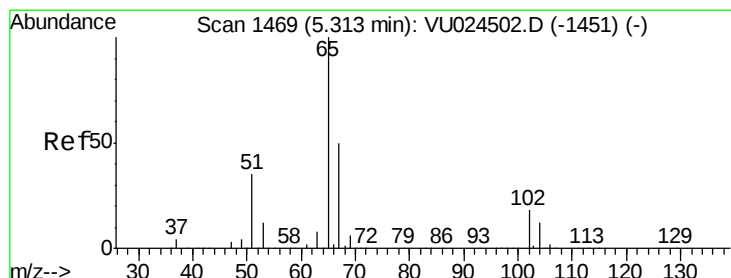
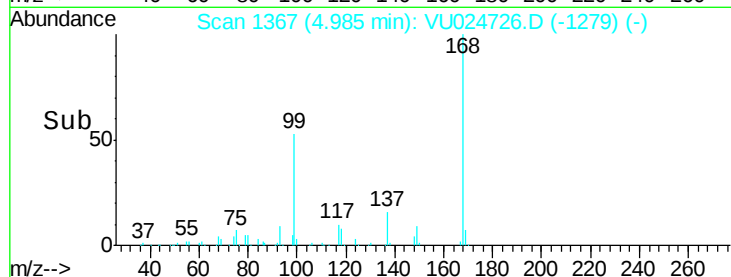
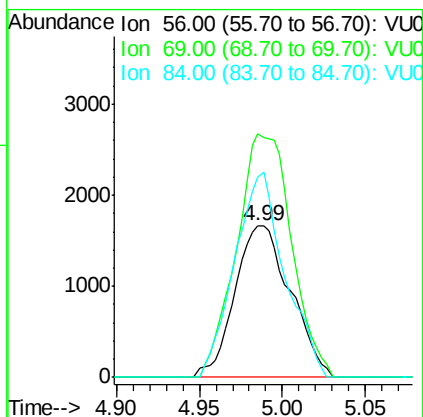
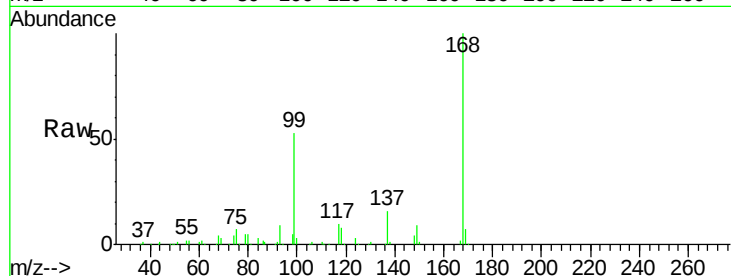




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

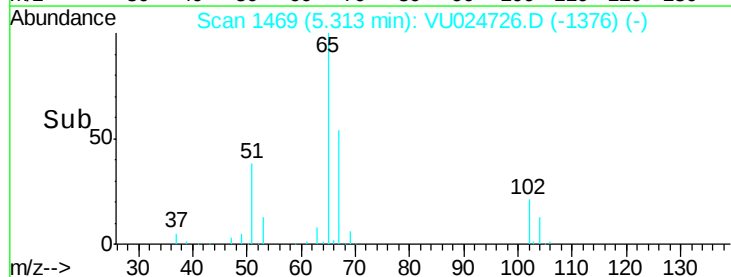
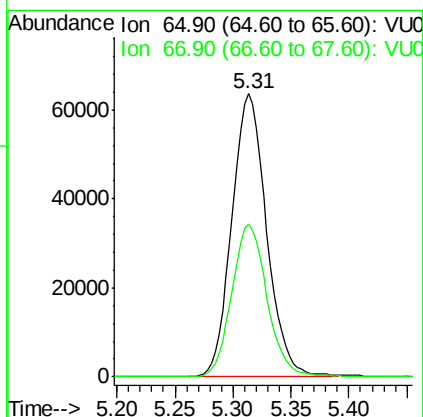
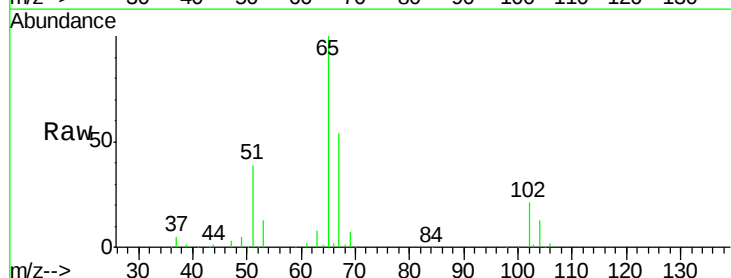
Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

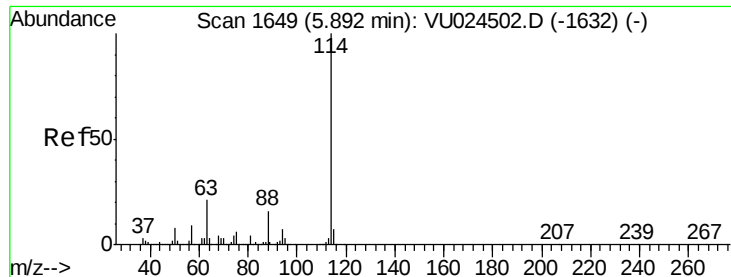
Tgt Ion: 56 Resp: 3876
Ion Ratio Lower Upper
56 100
69 160.5 24.8 37.2#
84 132.1 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 42.564 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

Tgt Ion: 65 Resp: 132654
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

SS042MW024-180613

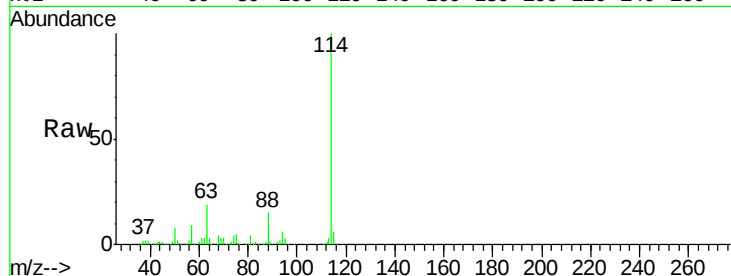
Tgt Ion:114 Resp: 304650

Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.4

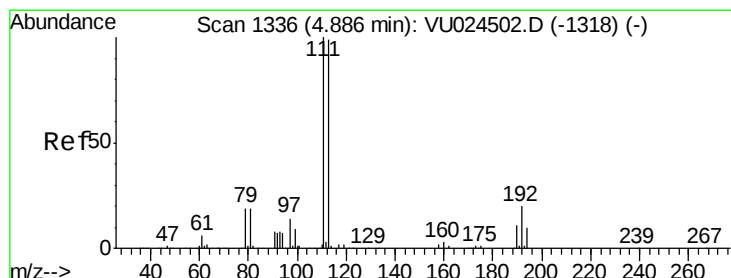
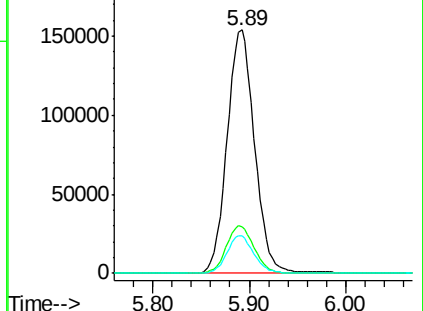
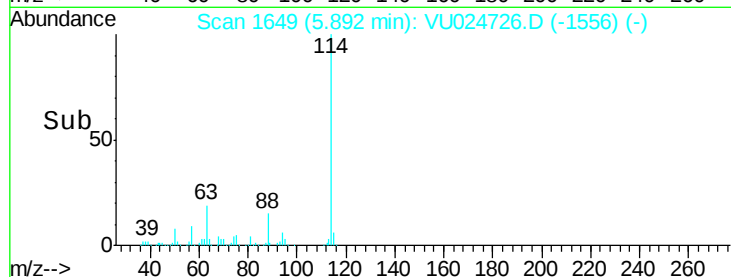
88 15.4 0.0 31.0



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: 46.513 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

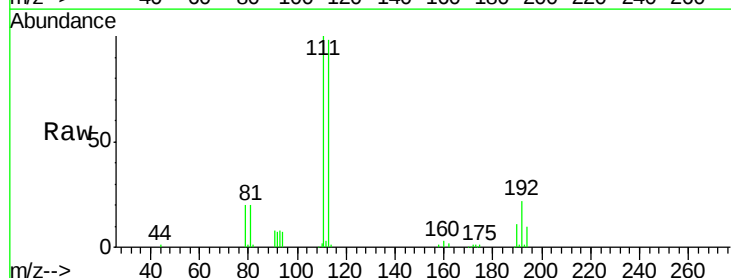
Tgt Ion:113 Resp: 117602

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

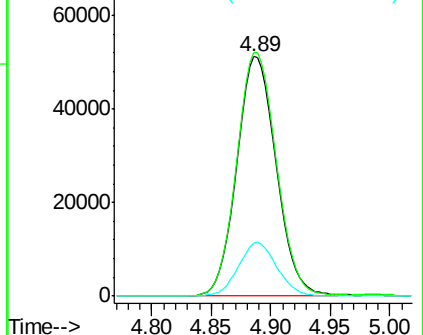
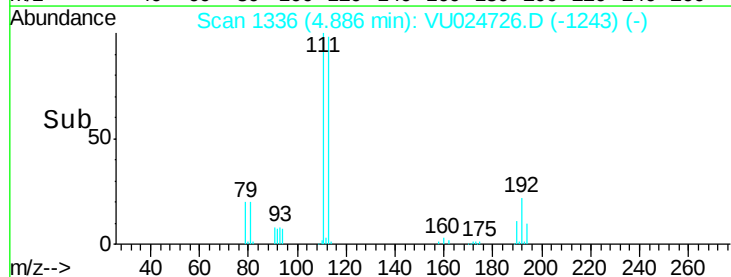
192 21.9 16.2 24.4

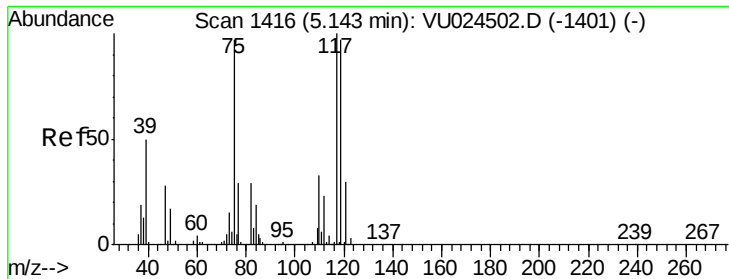


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.706 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

SS042MW024-180613

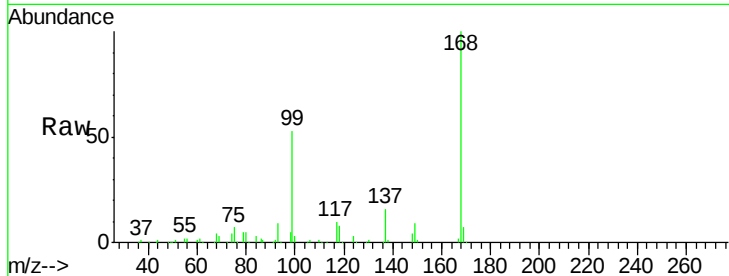
Tgt Ion: 75 Resp: 13266

Ion Ratio Lower Upper

75 100

110 7.7 17.0 50.9#

77 0.0 24.2 36.4#

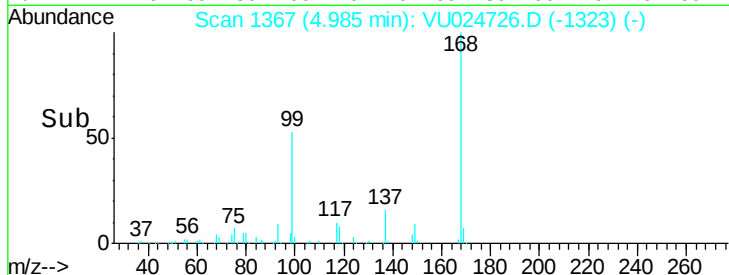


Abundance Ion 74.90 (74.60 to 75.60): VU024726.D (-1323) (-)

Ion 109.90 (109.60 to 110.60): VU024726.D (-1323) (-)

Ion 76.90 (76.60 to 77.60): VU024726.D (-1323) (-)

Time-->



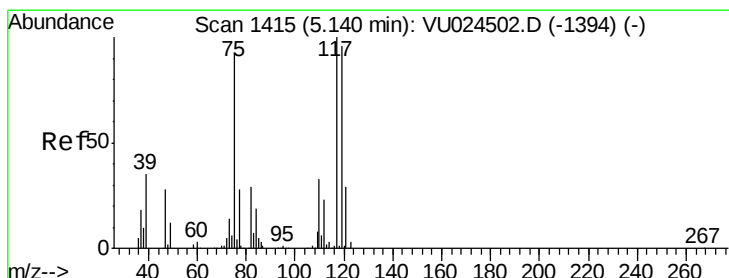
Abundance

Ion 74.90 (74.60 to 75.60): VU024726.D (-1323) (-)

Ion 109.90 (109.60 to 110.60): VU024726.D (-1323) (-)

Ion 76.90 (76.60 to 77.60): VU024726.D (-1323) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.492 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

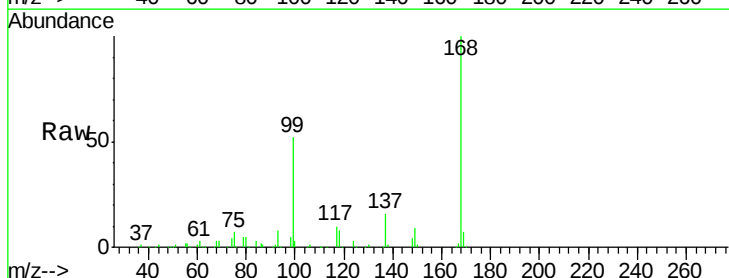
Tgt Ion: 117 Resp: 17682

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 23.7 35.5#

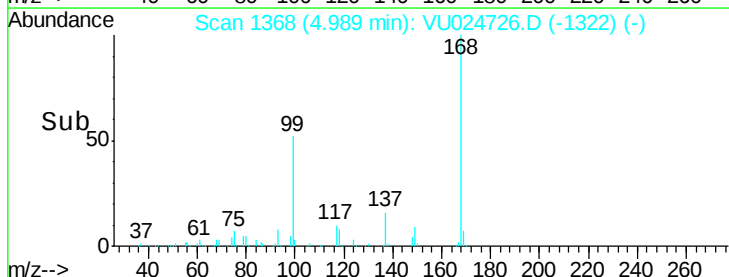


Abundance Ion 116.80 (116.50 to 117.50): VU024726.D (-1322) (-)

Ion 118.80 (118.50 to 119.50): VU024726.D (-1322) (-)

Ion 120.80 (120.50 to 121.50): VU024726.D (-1322) (-)

Time-->



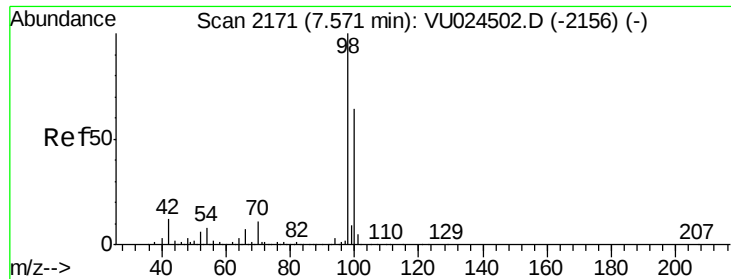
Abundance

Ion 116.80 (116.50 to 117.50): VU024726.D (-1322) (-)

Ion 118.80 (118.50 to 119.50): VU024726.D (-1322) (-)

Ion 120.80 (120.50 to 121.50): VU024726.D (-1322) (-)

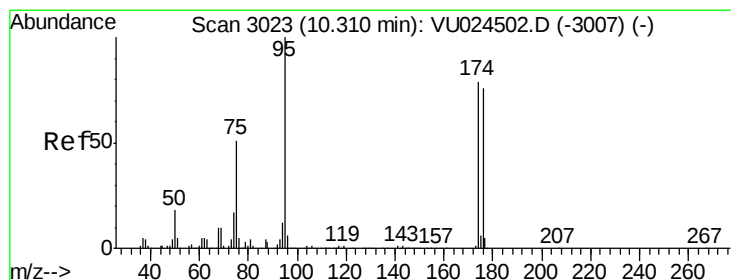
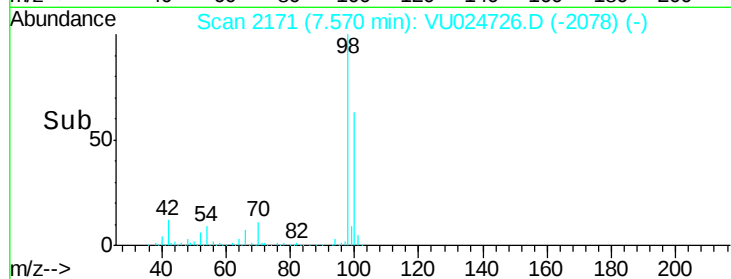
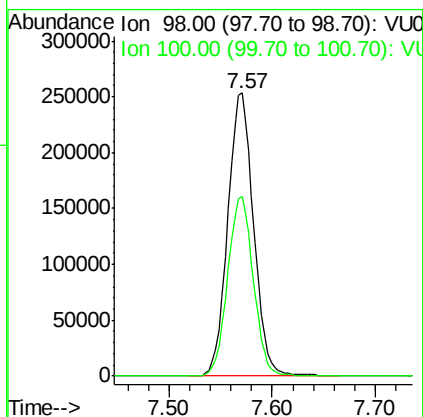
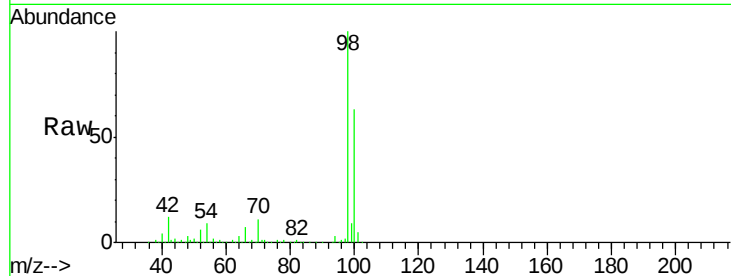
Time-->



#50
Toluene-d8
Concen: 47.959 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

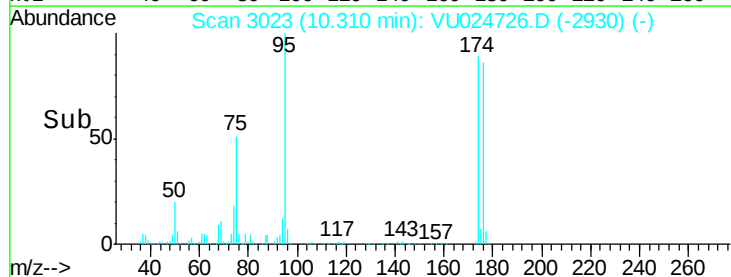
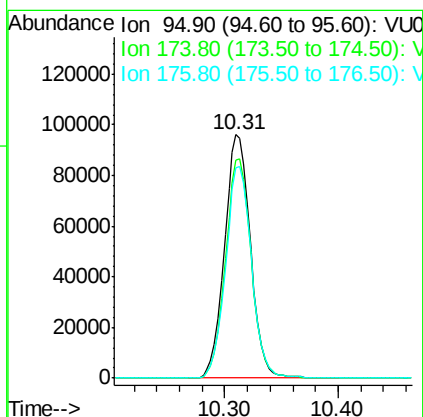
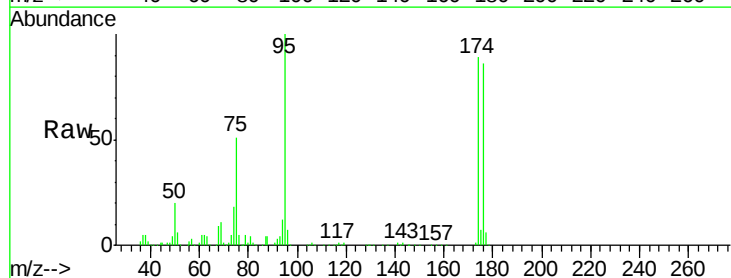
Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

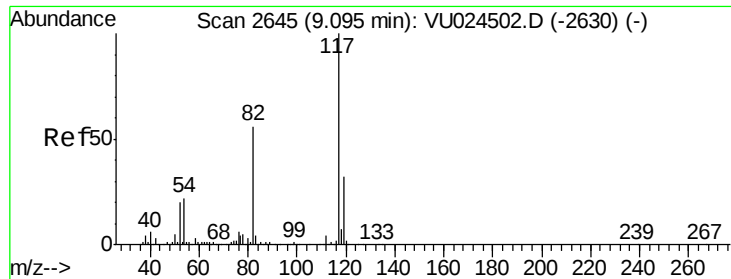
Tgt Ion: 98 Resp: 442301
Ion Ratio Lower Upper
98 100
100 62.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 41.921 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

Tgt Ion: 95 Resp: 153502
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.8
176 86.7 0.0 159.4

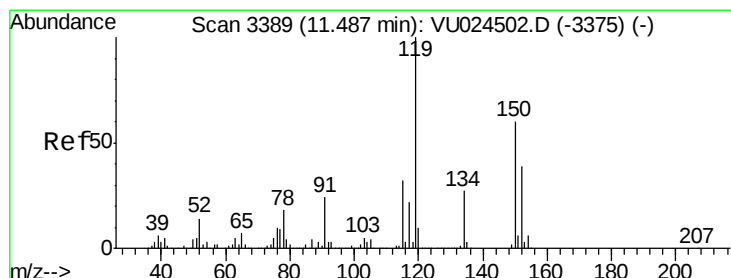
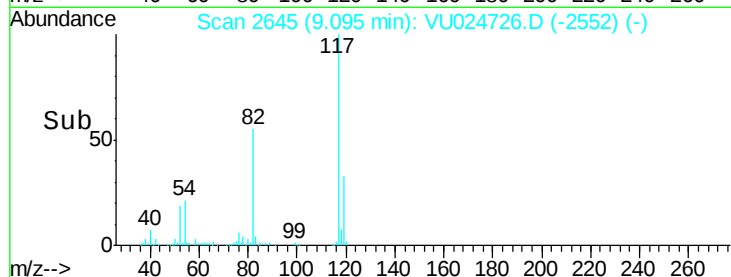
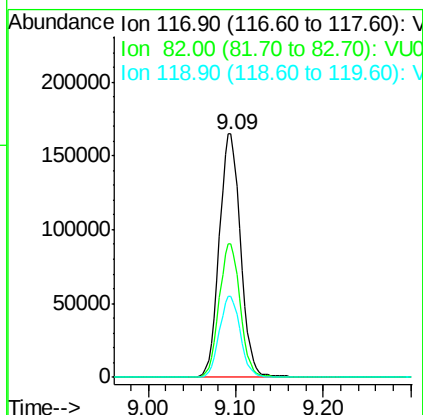
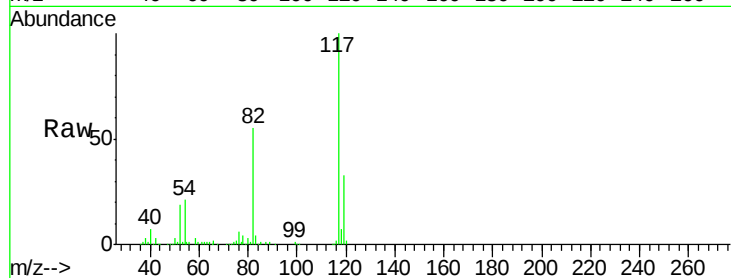




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

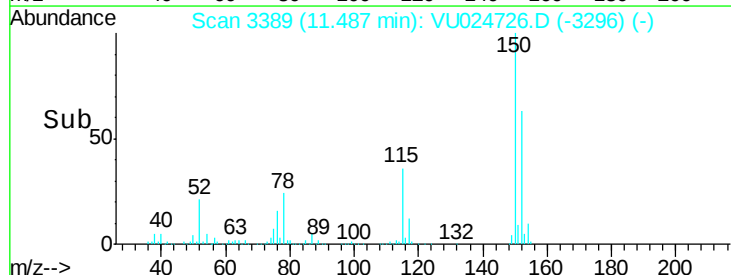
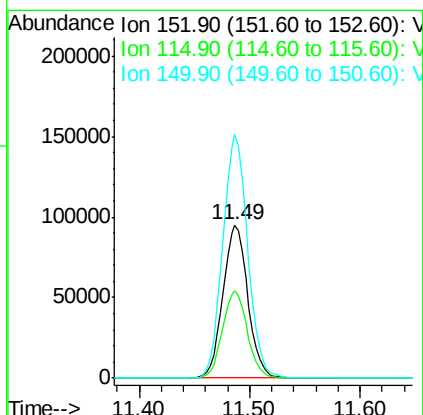
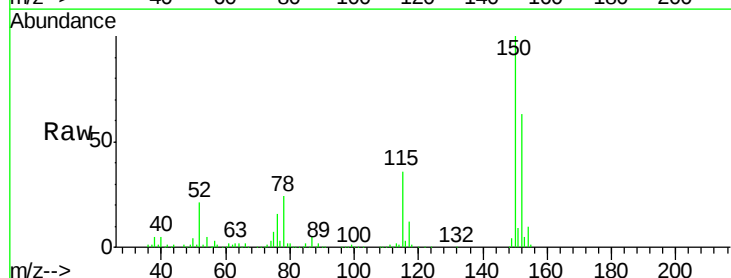
Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

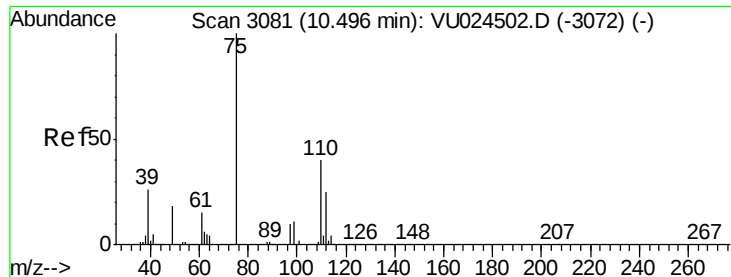
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	33.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	43.0	129.0
150	159.4	0.0	354.0





#76

1,2,3-Trichloropropane

Concen: 23.895 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

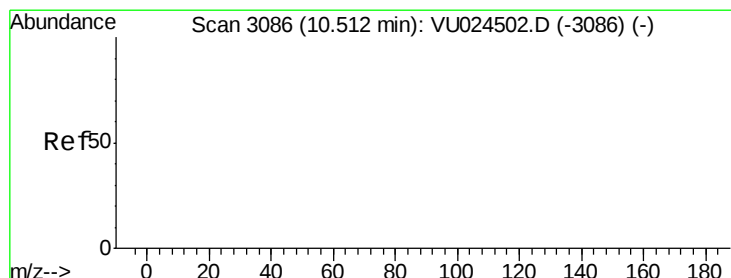
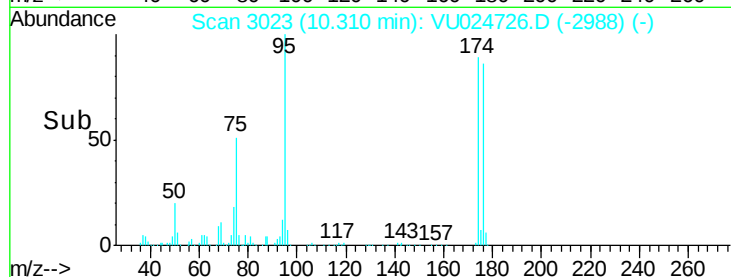
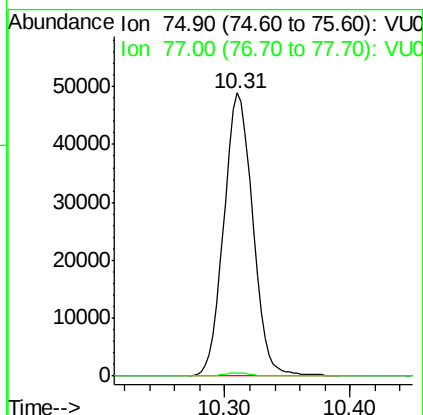
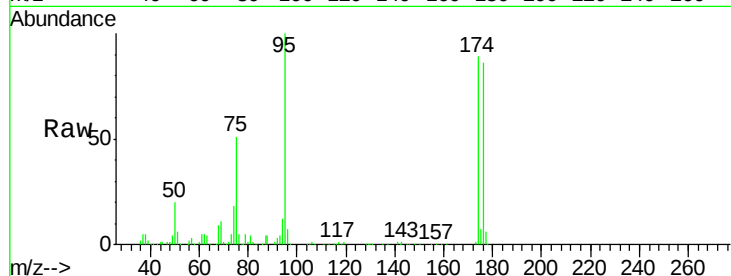
SS042MW024-180613

Tgt Ion: 75 Resp: 78298

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.302 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

Tgt Ion: 75 Resp: 78298

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

