

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025752.D
 Acq On : 31 Jul 2018 20:28
 Operator : MD/SY
 Sample : J4226-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Aug 01 05:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	180493	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	145935	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	4.89	113	123719	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
50) Toluene-d8	7.57	98	437980	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.31	95	169897	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

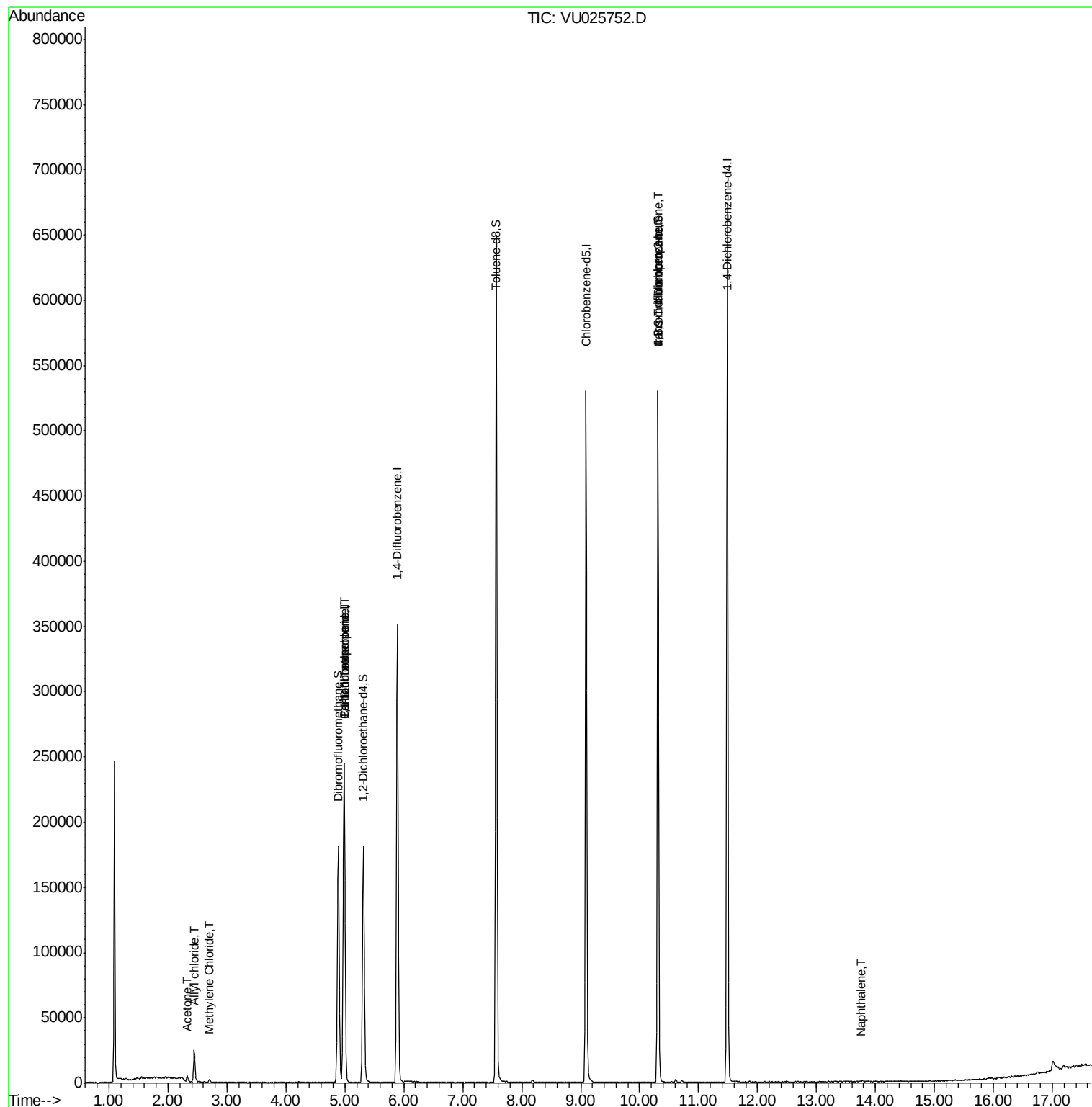
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.22	56	20	Below Cal	#	1
14) Allyl chloride	2.45	41	2377	0.65	ug/l #	66
16) Acetone	2.32	43	4459	3.11	ug/l	91
20) Methylene Chloride	2.71	84	1142	0.45	ug/l	91
31) Cyclohexane	4.99	56	3803	Below Cal	#	24
36) 1,1-Dichloropropene	4.99	75	13776	3.96	ug/l #	49
38) Carbon Tetrachloride	4.99	117	18564	4.71	ug/l #	17
76) 1,2,3-Trichloropropane	10.31	75	87417	21.98	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	87417	55.12	ug/l #	100
95) Naphthalene	13.75	128	931	1.32	ug/l #	73

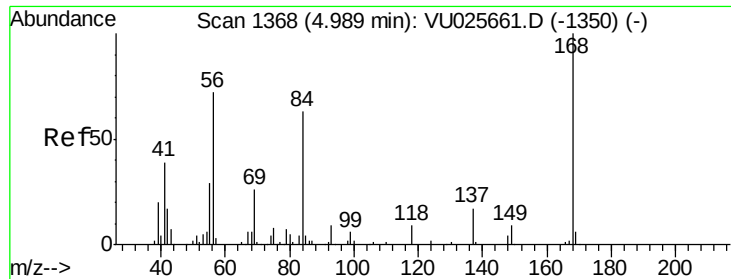
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025752.D
Acq On : 31 Jul 2018 20:28
Operator : MD/SY
Sample : J4226-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: Aug 01 05:30:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

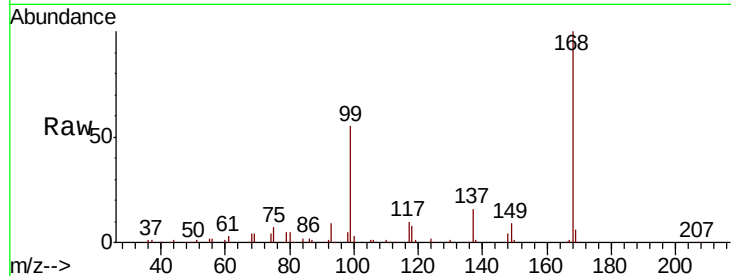
STORAGEBLANK-SAMPLEMANAG

Tot Ion:168 Resp: 189037

Ion Ratio Lower Upper

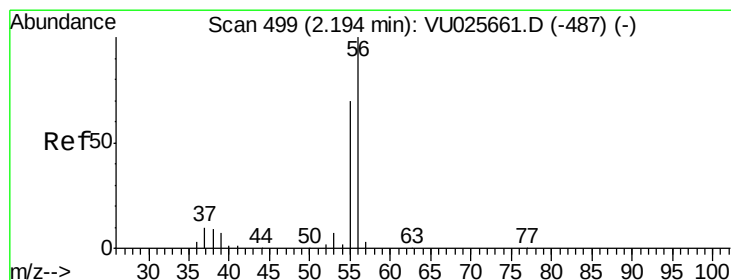
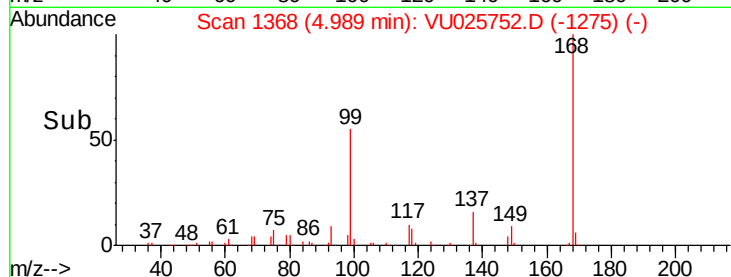
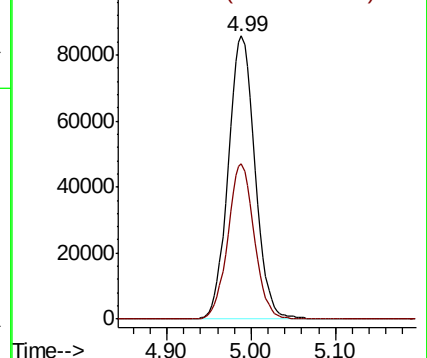
168 100

99 54.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#13

Acrolein

Concen: Below Cal

RT: 2.22 min Scan# 507

Delta R.T. 0.03 min

Lab File: VU025752.D

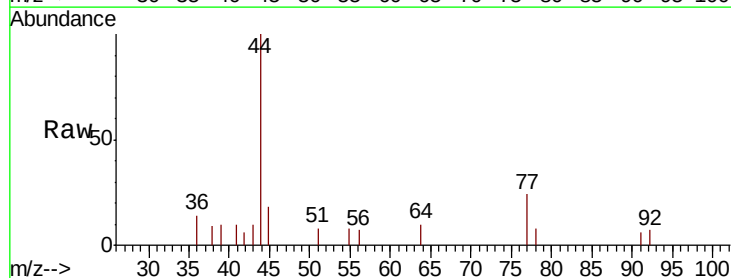
Acq: 31 Jul 2018 20:28

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

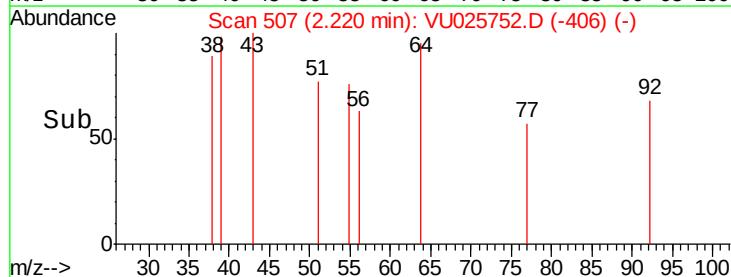
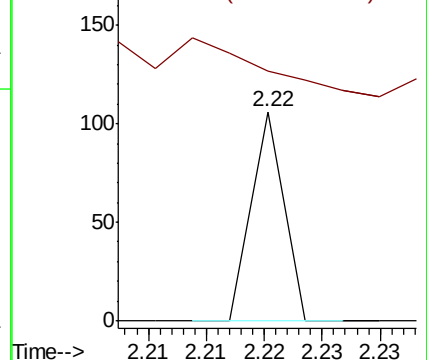
56 100

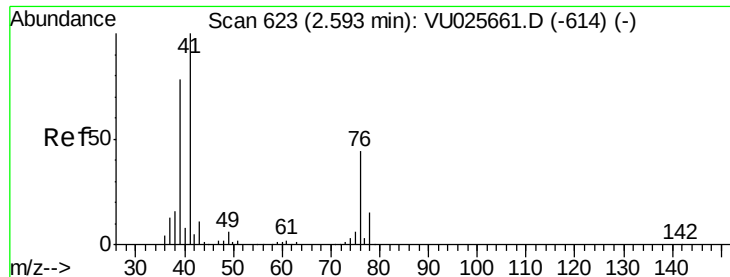
55 505.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-487) (-)

Ion 55.00 (54.70 to 55.70): VU025661.D (-487) (-)

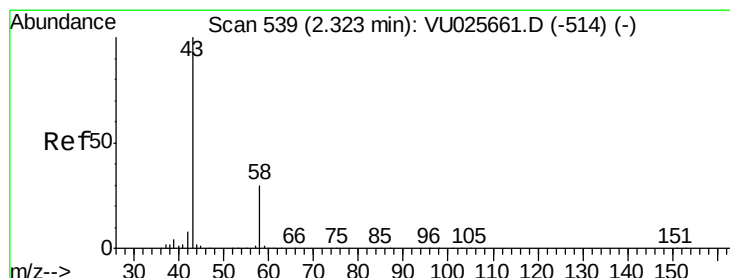
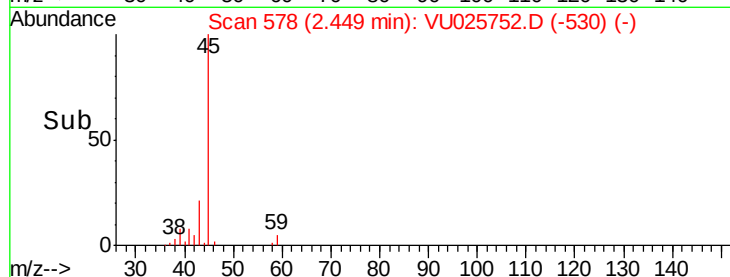
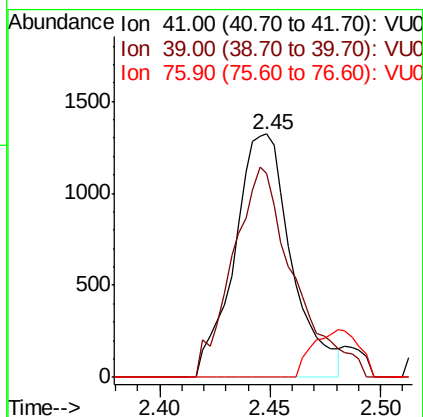
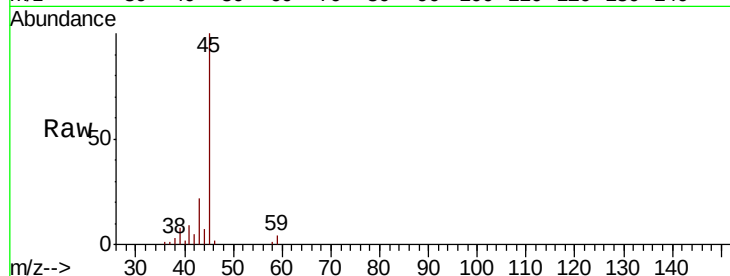




#14
Allvl chloride
Concen: 0.65 ug/l
RT: 2.45 min Scan# 578
Delta R.T. -0.14 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

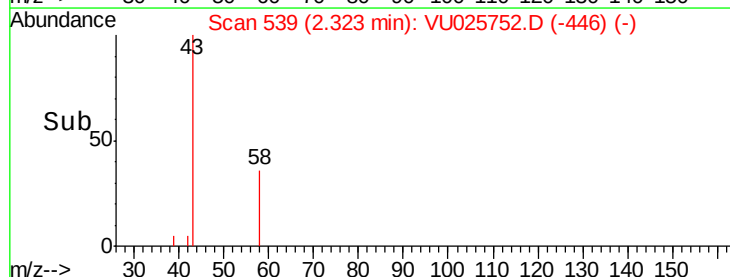
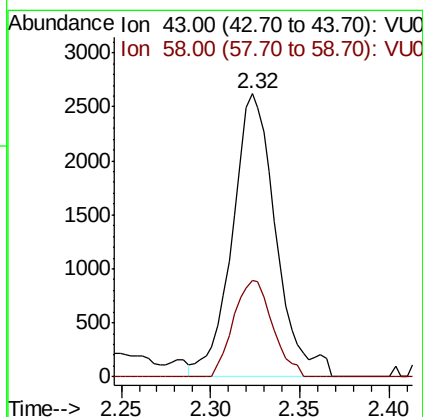
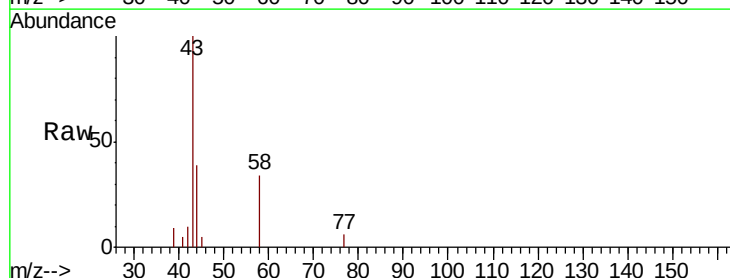
Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

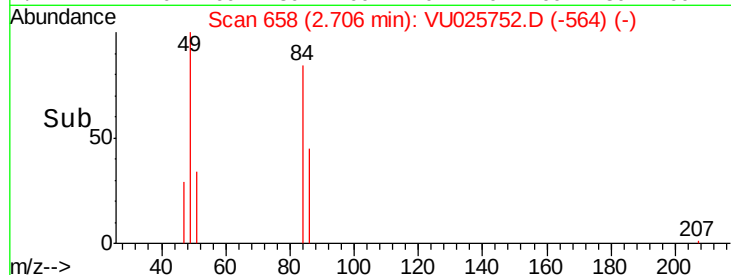
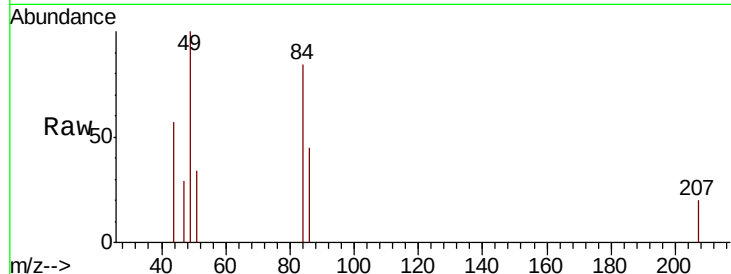
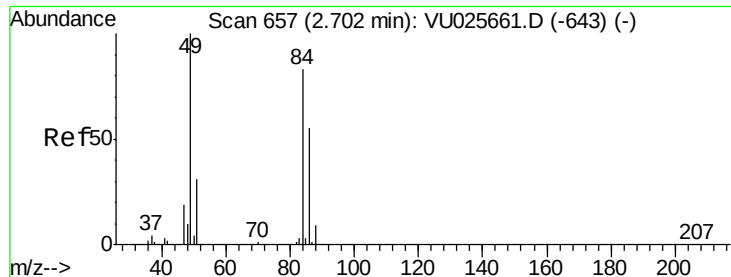
Tot Ion: 41 Resp: 2377
Ion Ratio Lower Upper
41 100
39 92.7 60.6 91.0#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 3.11 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
58 33.9 23.1 34.7

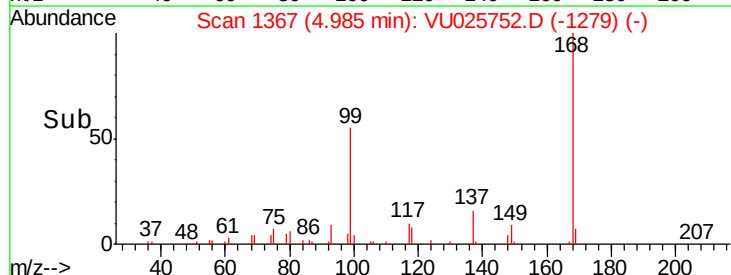
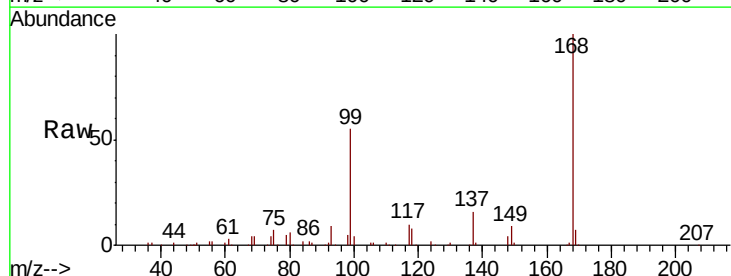
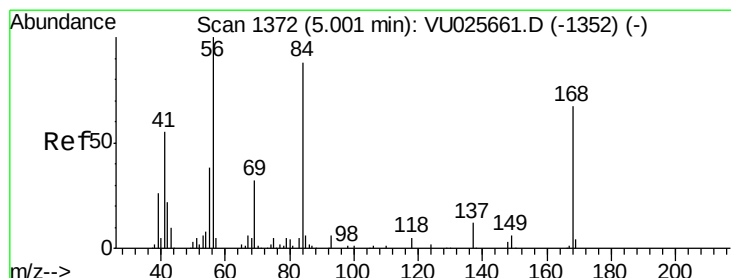
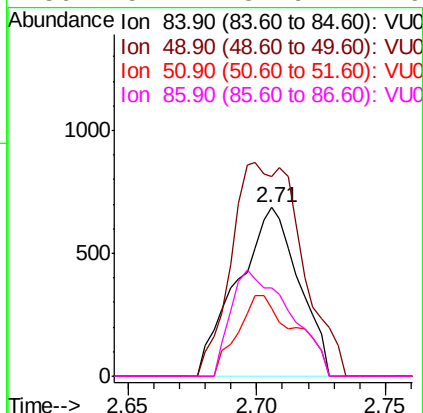




#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

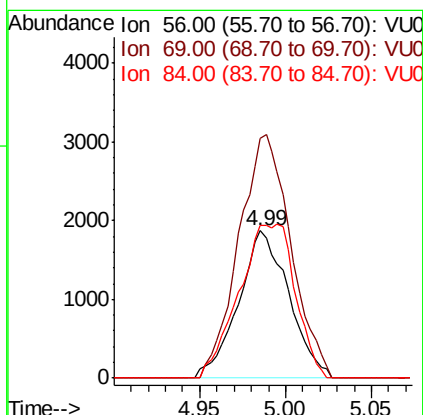
Instrument :
MSVOA_U
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

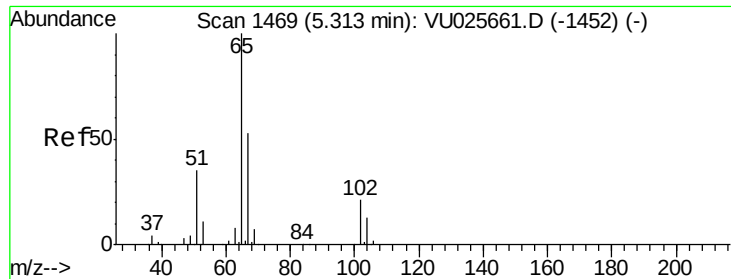
Tot Ion:	84	Resp:	1142
Ion	Ratio	Lower	Upper
84	100		
49	118.4	101.8	152.6
51	40.0	30.8	46.2
86	52.7	51.9	77.9



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025752.D
Acq: 31 Jul 2018 20:28

Tgt Ion:	56	Resp:	3803
Ion	Ratio	Lower	Upper
56	100		
69	163.0	26.8	40.2#
84	103.9	69.7	104.5

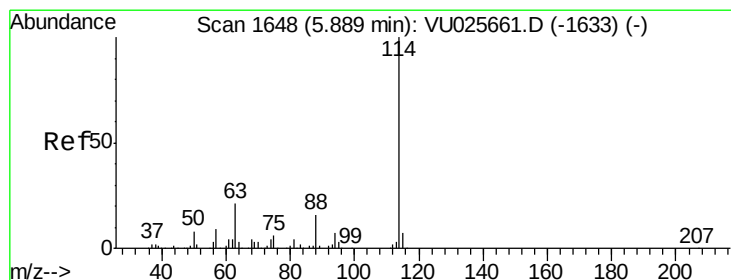
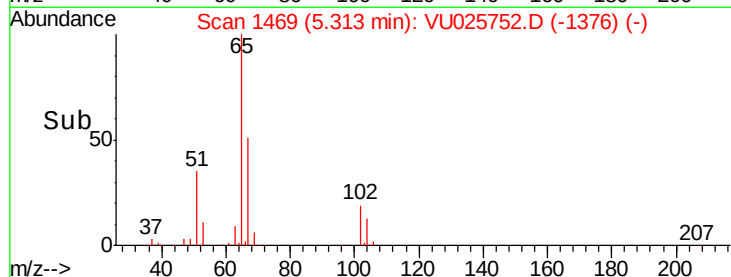
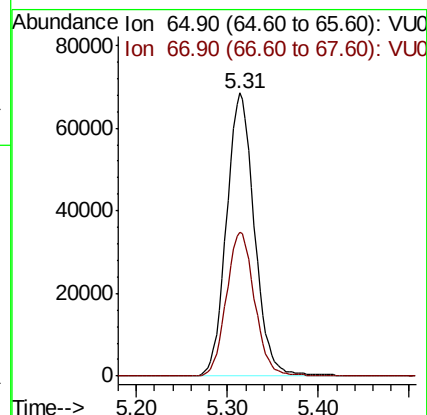
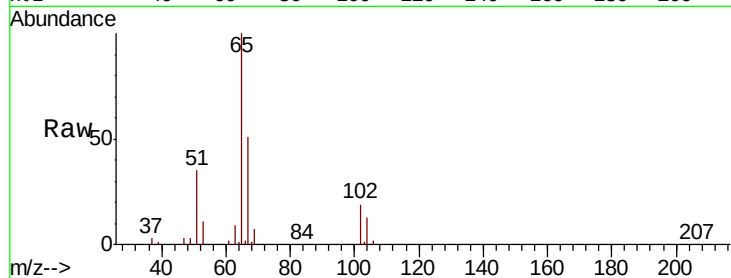




#33
 1,2-Dichloroethane-d4
 Concen: 49.55 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025752.D
 Acq: 31 Jul 2018 20:28

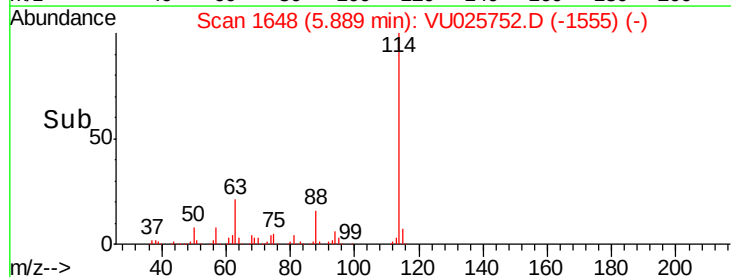
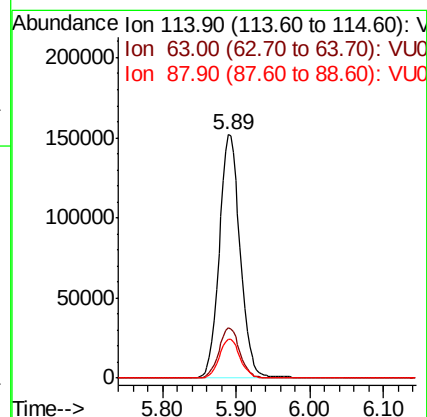
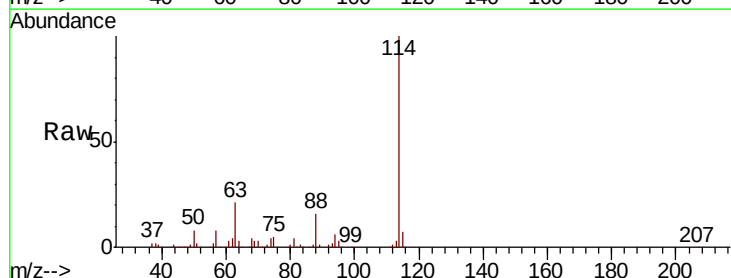
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

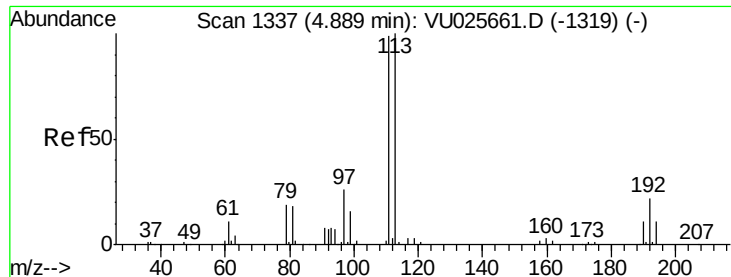
Tot Ion: 65 Resp: 145935
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025752.D
 Acq: 31 Jul 2018 20:28

Tgt Ion: 114 Resp: 297912
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 15.9 0.0 32.4

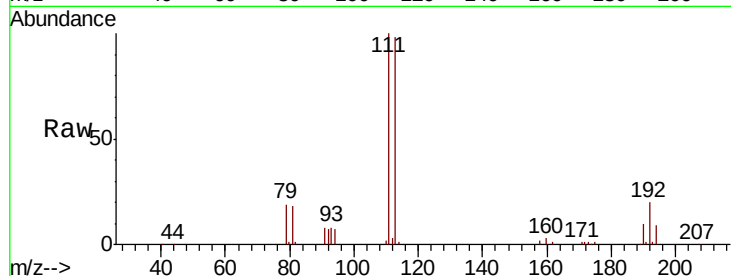




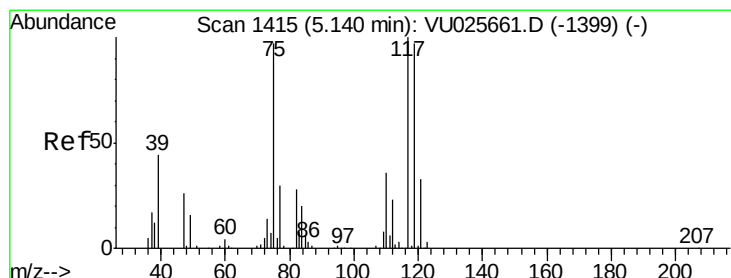
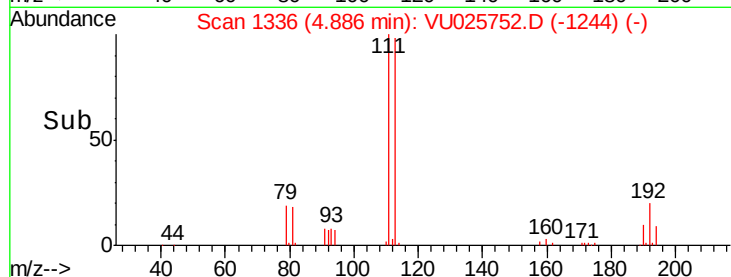
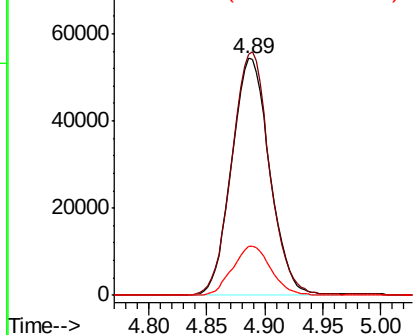
#35
 Dibromofluoromethane
 Concen: 47.75 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025752.D
 Acq: 31 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	20.9	17.1	25.7

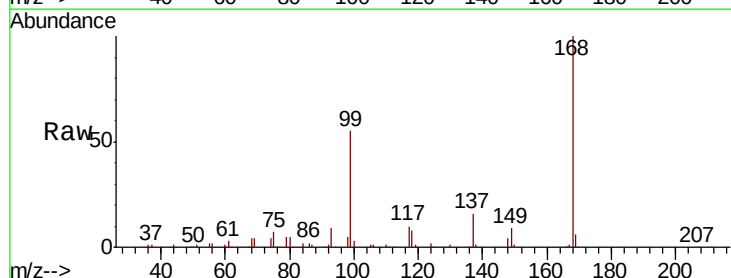


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

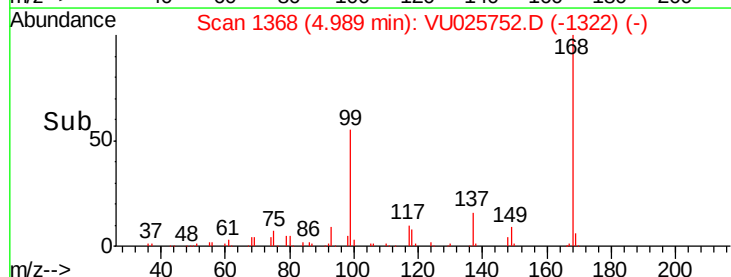
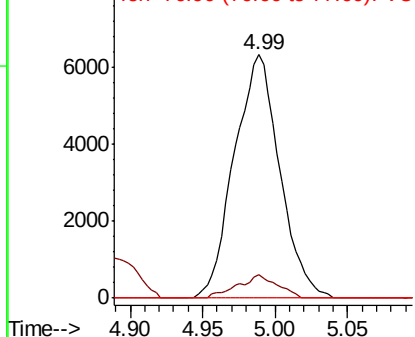


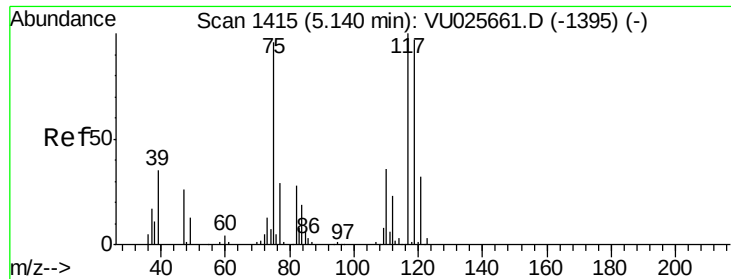
#36
 1,1-Dichloropropene
 Concen: 3.96 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025752.D
 Acq: 31 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.6	52.9#
77	0.0	24.4	36.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.71 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

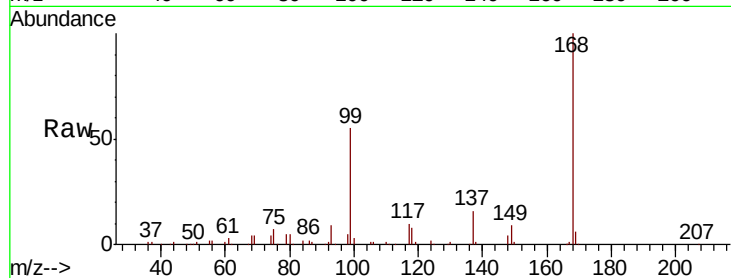
Tot Ion:117 Resp: 18564

Ion Ratio Lower Upper

117 100

119 5.3 75.7 113.5#

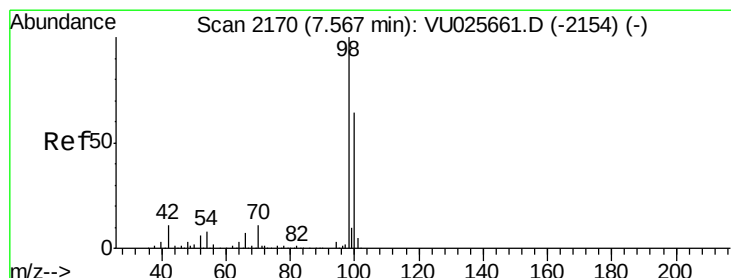
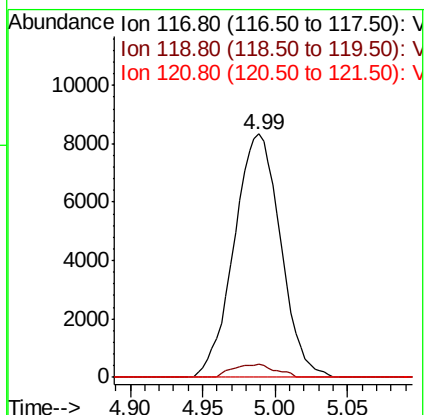
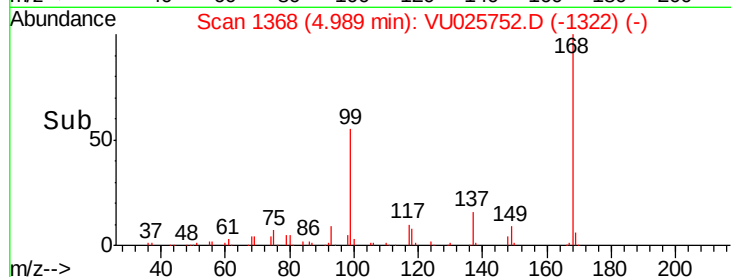
121 0.0 24.6 36.8#



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: 48.30 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025752.D

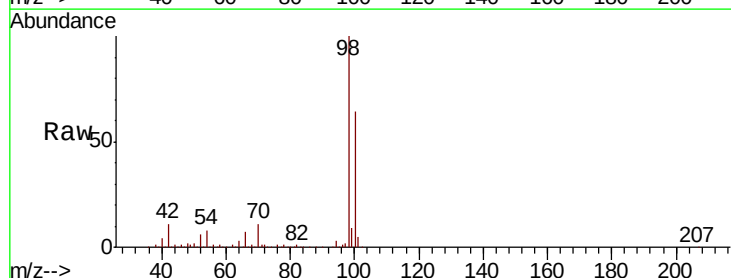
Acq: 31 Jul 2018 20:28

Tgt Ion: 98 Resp: 437980

Ion Ratio Lower Upper

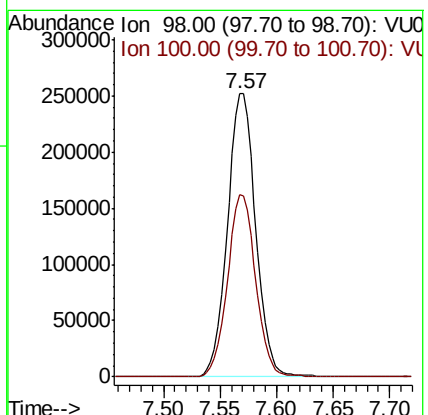
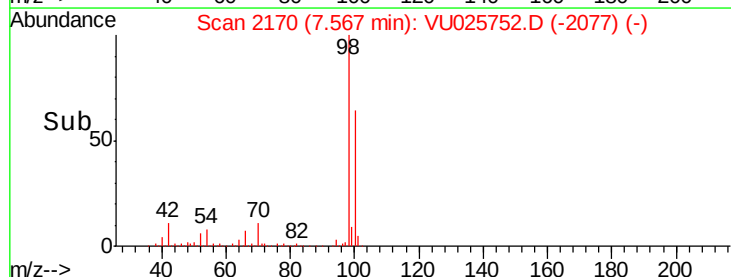
98 100

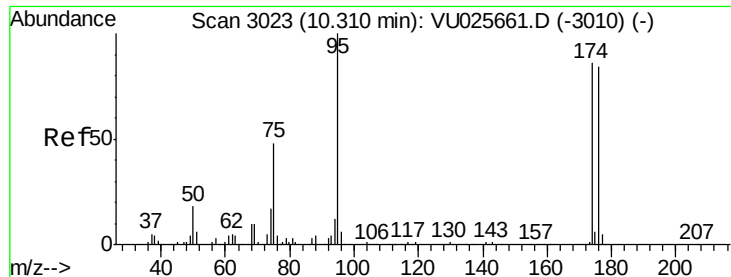
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 48.28 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGE\BLANK-SAMPLE\MANAG

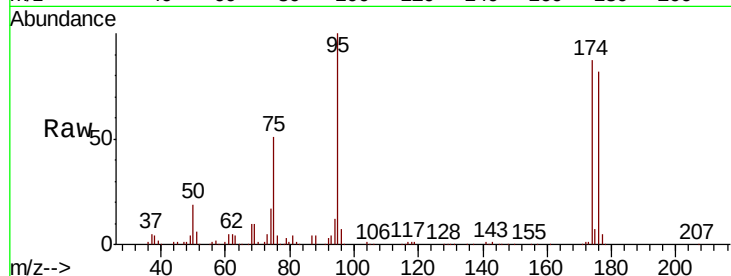
Tot Ion: 95 Resp: 169897

Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.2

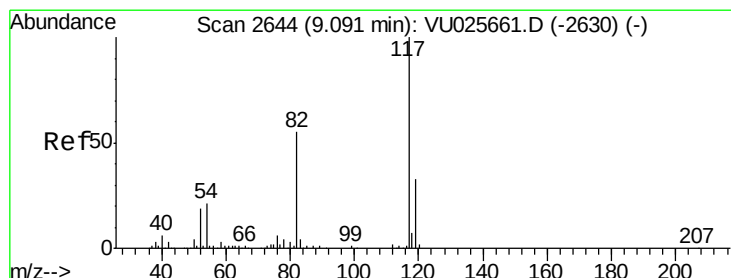
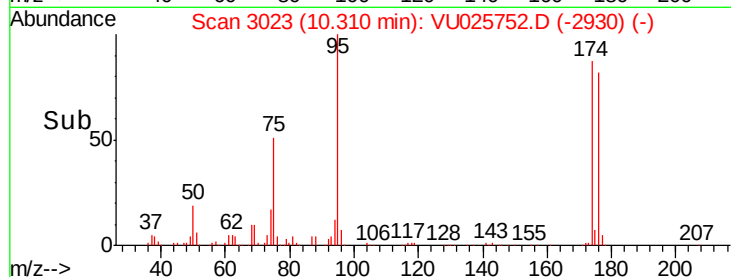
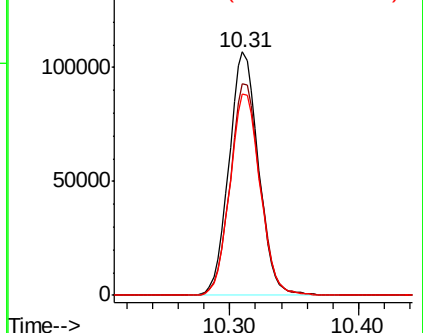
176 84.7 0.0 162.6



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: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

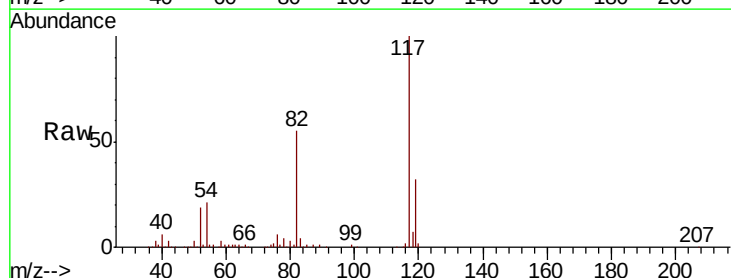
Tgt Ion: 117 Resp: 294492

Ion Ratio Lower Upper

117 100

82 54.7 46.0 69.0

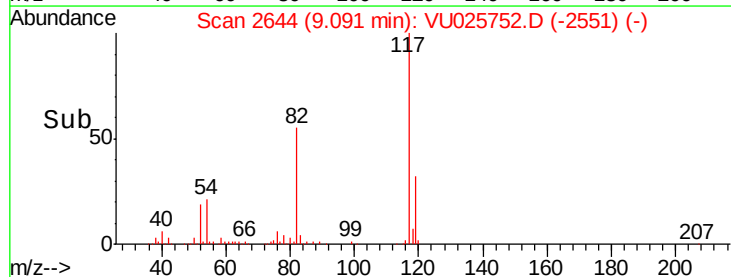
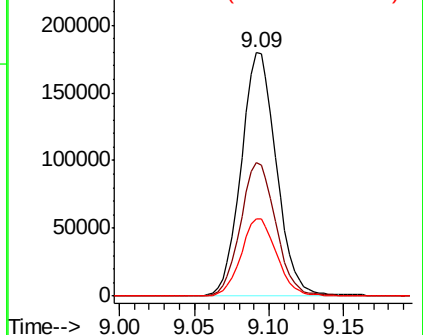
119 32.0 26.0 39.0

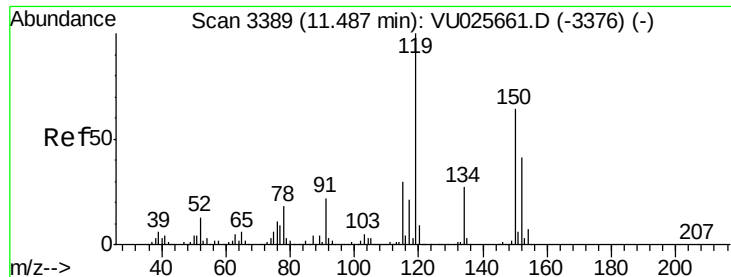


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

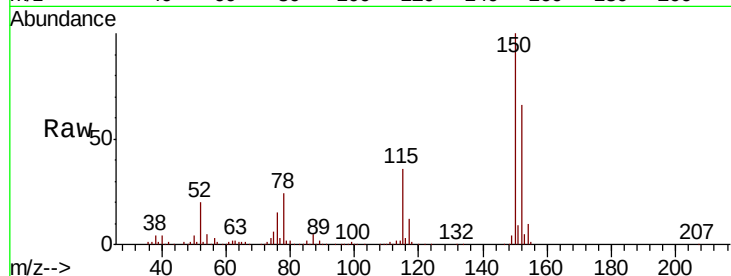
Tot Ion:152 Resp: 180493

Ion Ratio Lower Upper

152 100

115 55.8 40.1 120.3

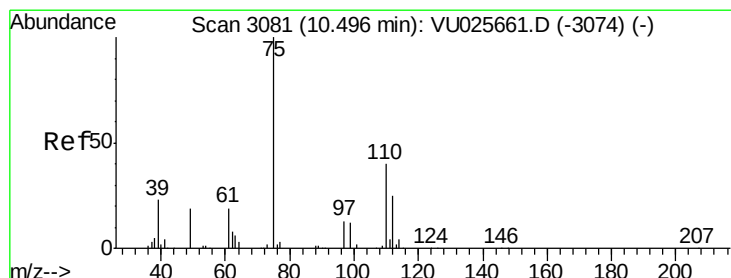
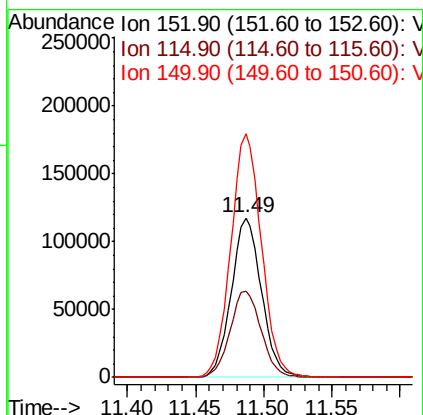
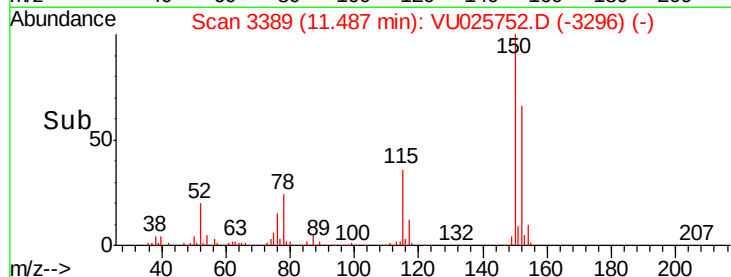
150 155.7 0.0 351.4



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: 21.98 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025752.D

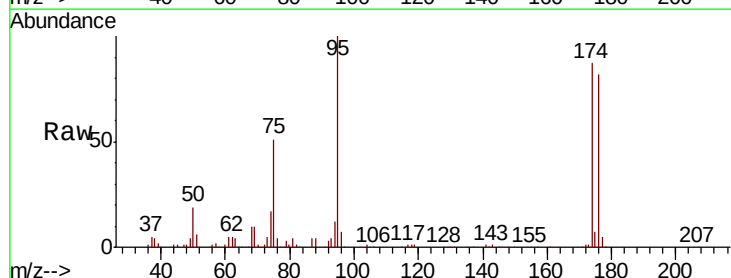
Acq: 31 Jul 2018 20:28

Tgt Ion: 75 Resp: 87417

Ion Ratio Lower Upper

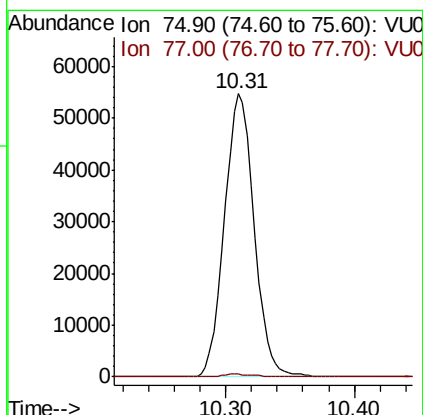
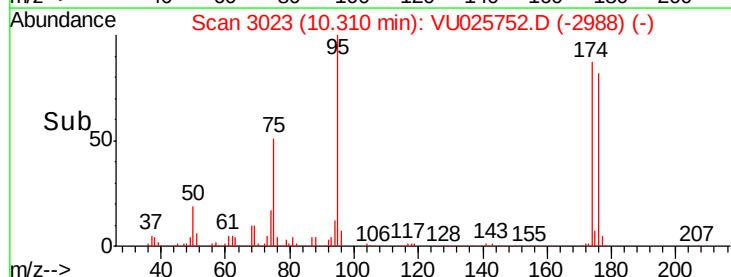
75 100

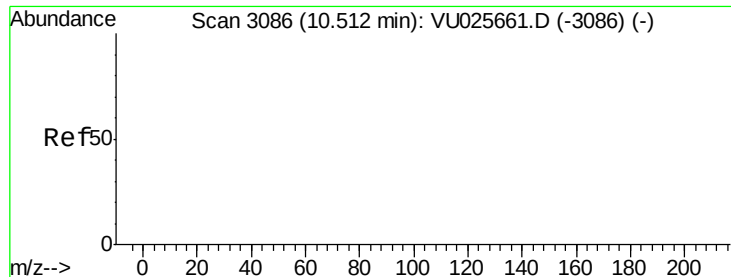
77 1.0 20.4 61.3#



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: 55.12 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

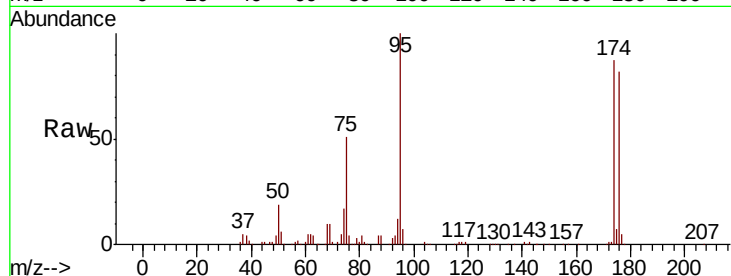
Tot Ion: 75 Resp: 87417

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

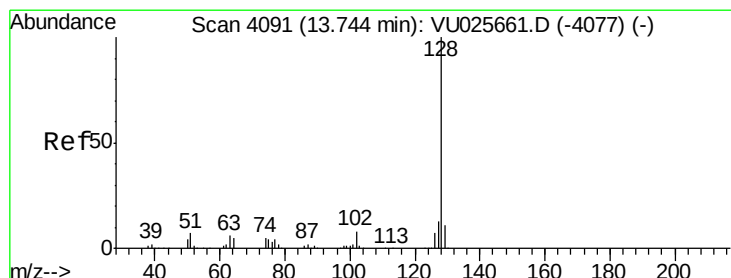
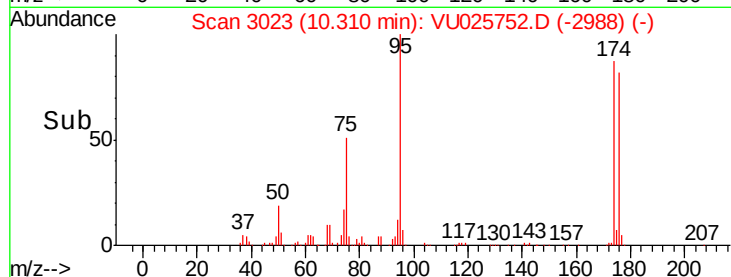
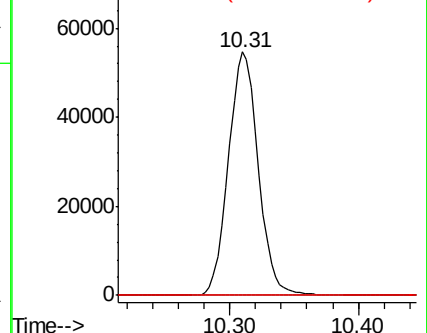
89 0.0 0.0 0.0



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: 1.32 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU025752.D

Acq: 31 Jul 2018 20:28

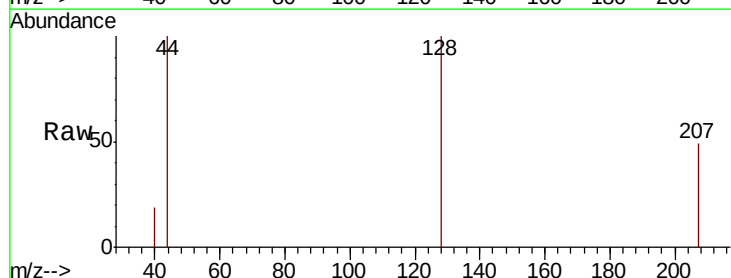
Tgt Ion:128 Resp: 931

Ion Ratio Lower Upper

128 100

127 2.5 10.5 15.7#

129 0.0 8.3 12.5#



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

