

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027173.D
 Acq On : 26 Sep 2018 13:30
 Operator : MD/SY
 Sample : J4968-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-DUP06-20180916

Quant Time: Sep 27 01:06:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157683	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68015	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	99209	53.28	ug/l	0.00
Spiked Amount	50.000			Recovery	=	106.56%	
35) Dibromofluoromethane		4.89	113	69301	50.70	ug/l	0.00
Spiked Amount	50.000			Recovery	=	101.40%	
50) Toluene-d8		7.57	98	253360	48.64	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene		10.31	95	80410	44.99	ug/l	0.00
Spiked Amount	50.000			Recovery	=	89.98%	

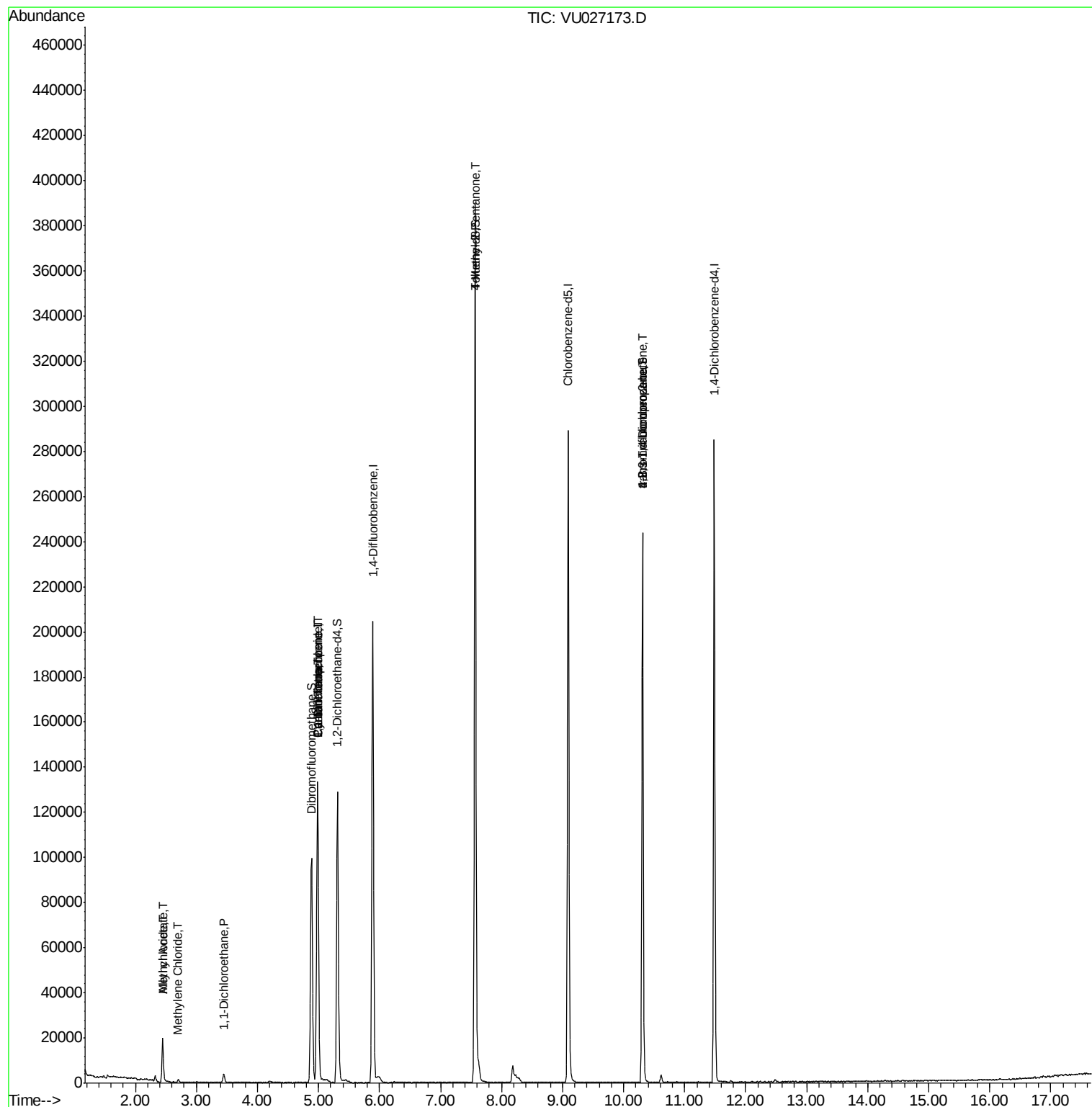
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.45	41	1956	0.755	ug/l #	64
16) Acetone	2.32	43	2820	Below Cal	#	88
18) Methyl Acetate	2.45	43	4911	1.853	ug/l #	55
20) Methylene Chloride	2.70	84	405	0.243	ug/l	96
24) 1,1-Dichloroethane	3.45	63	4814	1.577	ug/l #	84
31) Cyclohexane	4.99	56	2270	0.246	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8870	4.215	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9919	4.953	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1278	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43249	20.931	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43249	66.983	ug/l #	100

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

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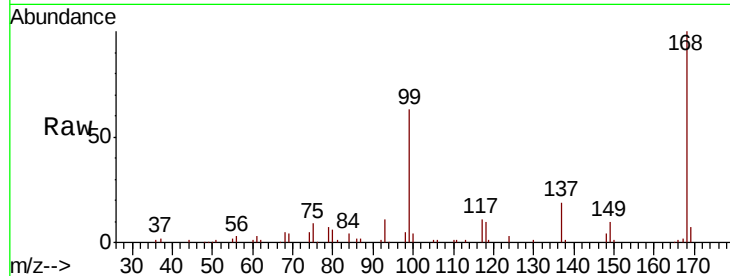




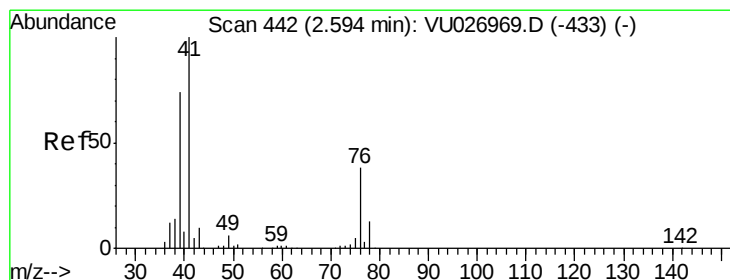
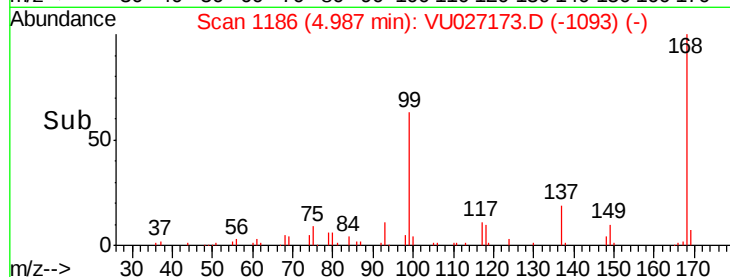
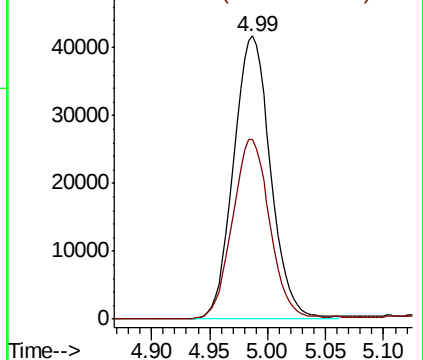
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

Instrument :
MSVOA_U
ClientSampleId :
SA-DUP06-20180916

Tgt Ion:168 Resp: 92521
Ion Ratio Lower Upper
168 100
99 63.4 48.1 72.1

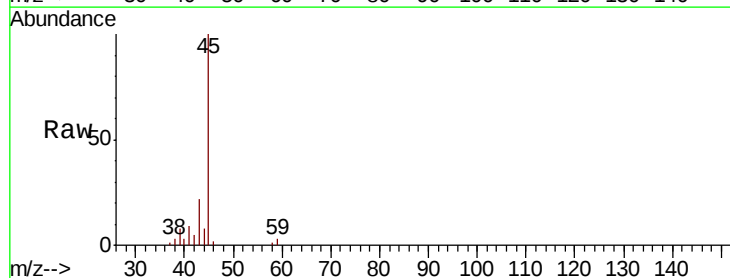


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

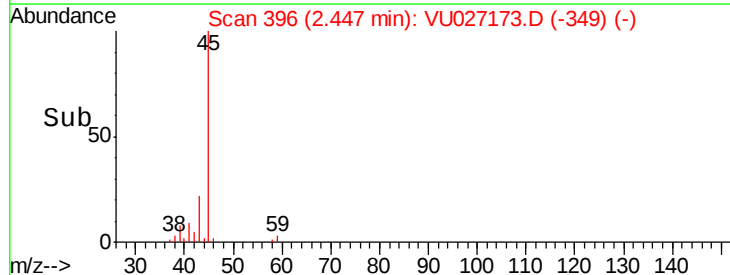
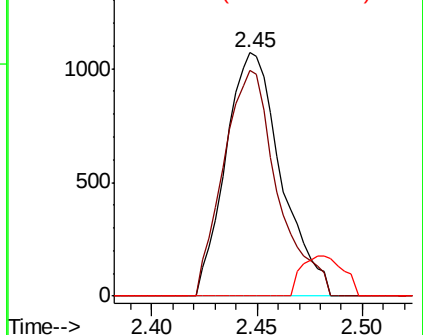


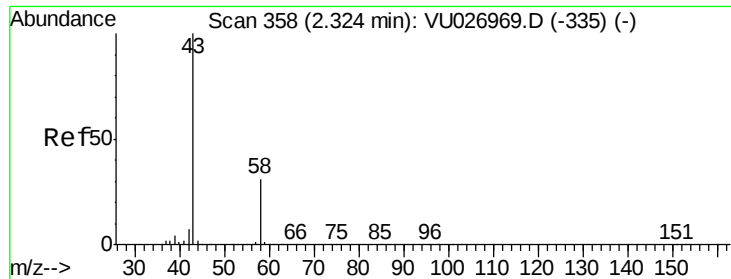
#14
Allyl chloride
Concen: 0.755 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.15 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

Tgt Ion: 41 Resp: 1956
Ion Ratio Lower Upper
41 100
39 90.0 55.7 83.5#
76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)
Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)
Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

Instrument :

MSVOA_U

ClientSampleId :

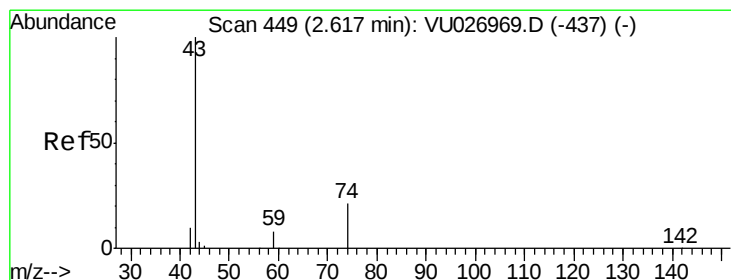
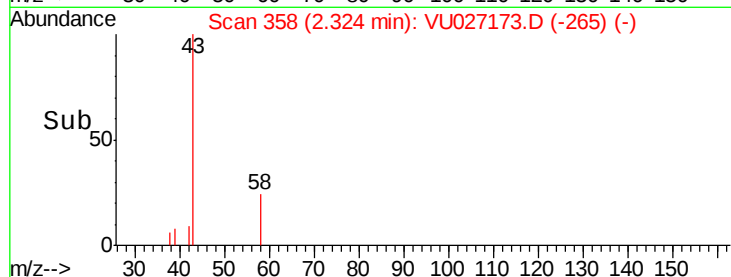
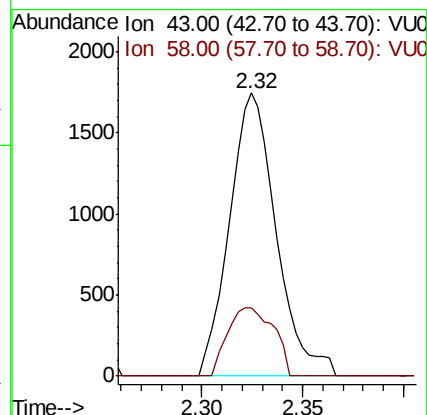
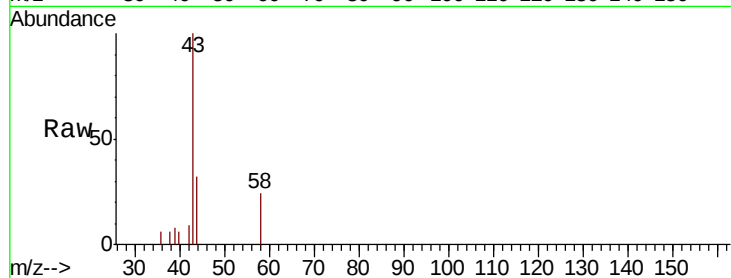
SA-DUP06-20180916

Tgt Ion: 43 Resp: 2820

Ion Ratio Lower Upper

43 100

58 24.1 24.6 36.8#



#18

Methyl Acetate

Concen: 1.853 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027173.D

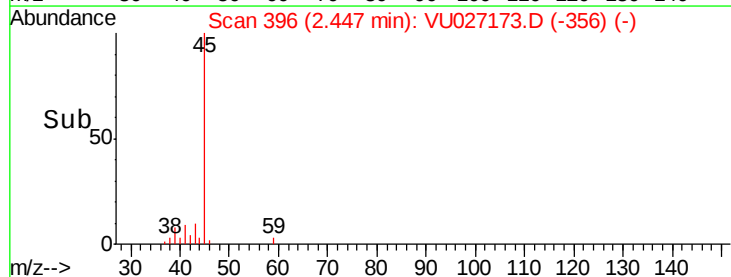
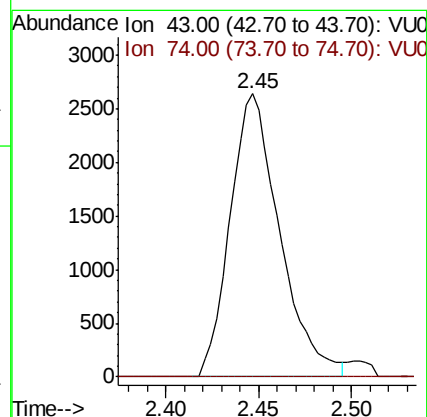
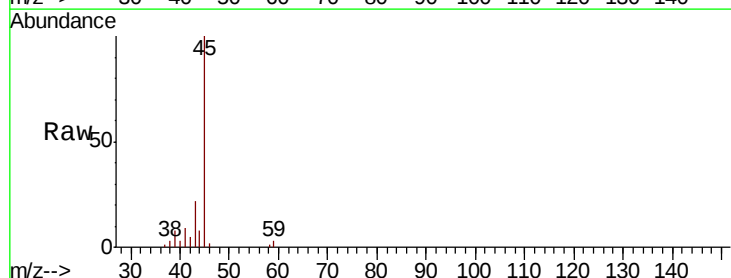
Acq: 26 Sep 2018 13:30

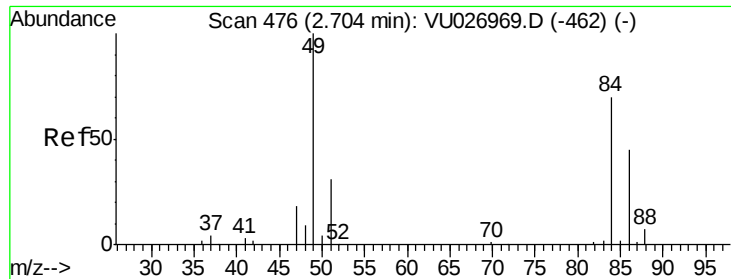
Tgt Ion: 43 Resp: 4911

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

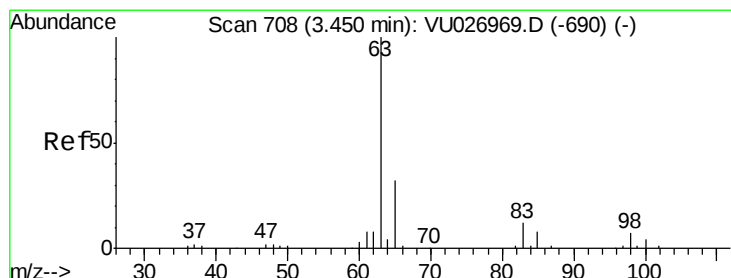
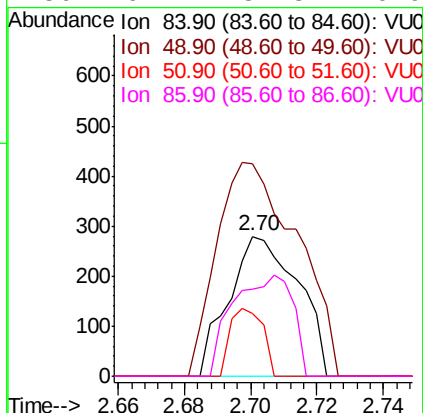
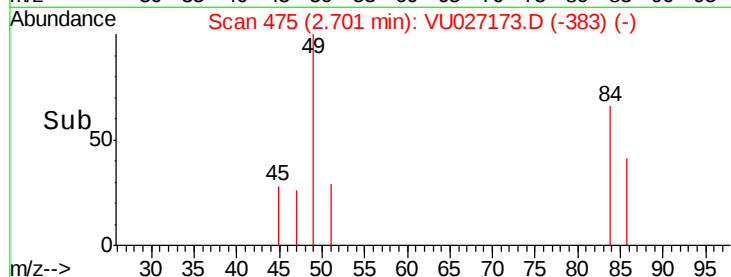
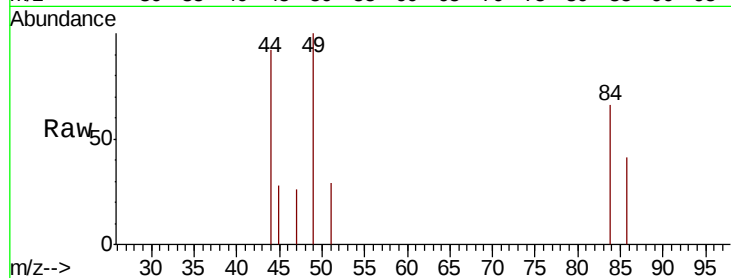




#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

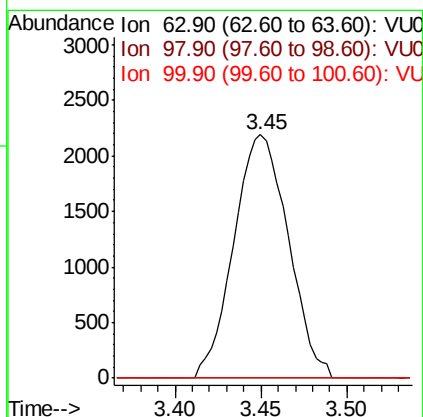
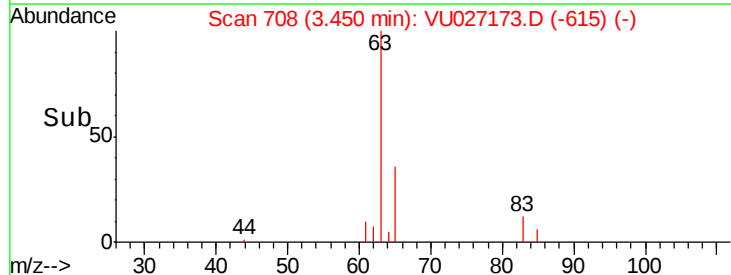
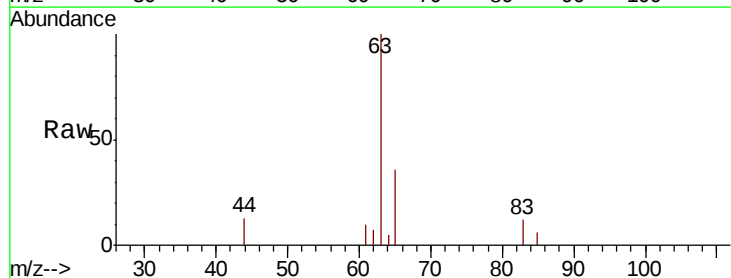
Instrument :
MSVOA_U
ClientSampleId :
SA-DUP06-20180916

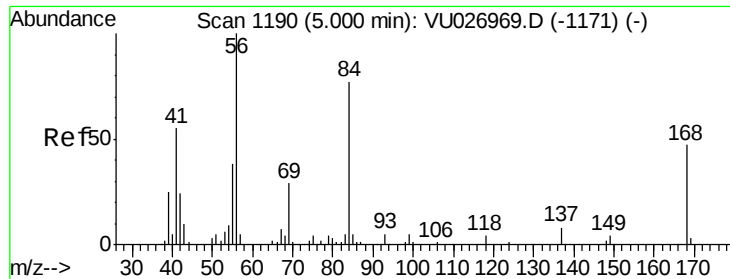
Tgt Ion:	84	Resp:	405
Ion	Ratio	Lower	Upper
84	100		
49	152.3	114.9	172.3
51	44.8	35.8	53.8
86	62.7	51.3	76.9



#24
1,1-Dichloroethane
Concen: 1.577 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

Tgt Ion:	63	Resp:	4814
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.0	5.8#

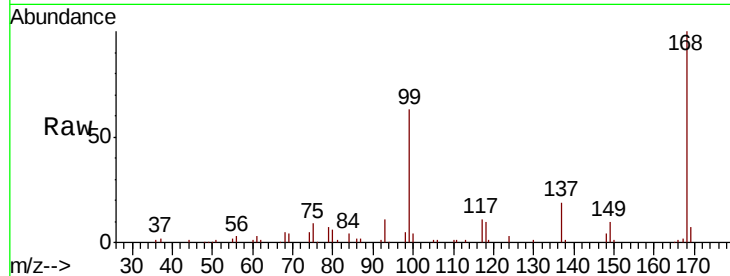




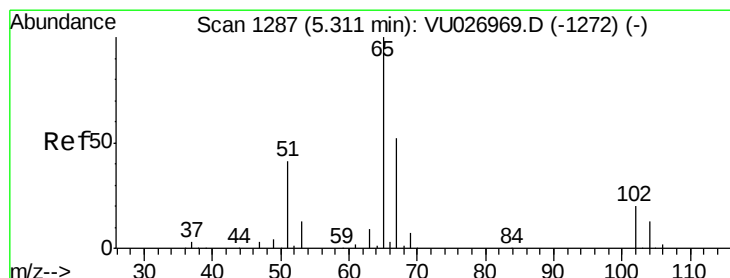
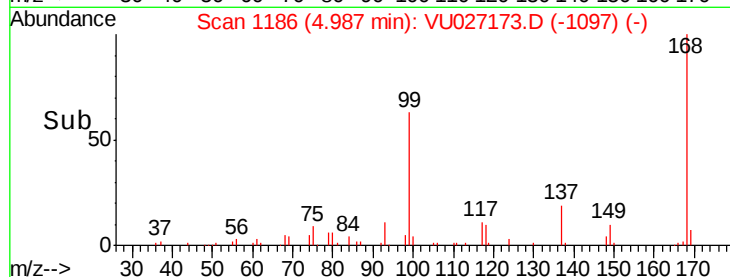
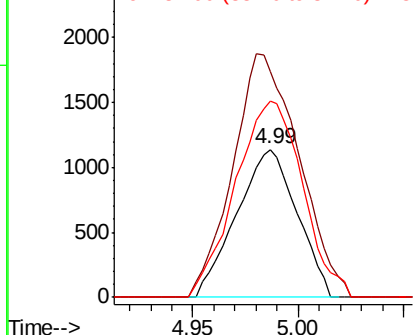
#31
Cyclohexane
Concen: 0.246 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

Instrument :
MSVOA_U
ClientSampleId :
SA-DUP06-20180916

Tgt Ion: 56 Resp: 2270
Ion Ratio Lower Upper
56 100
69 152.6 23.0 34.4#
84 133.1 61.4 92.2#

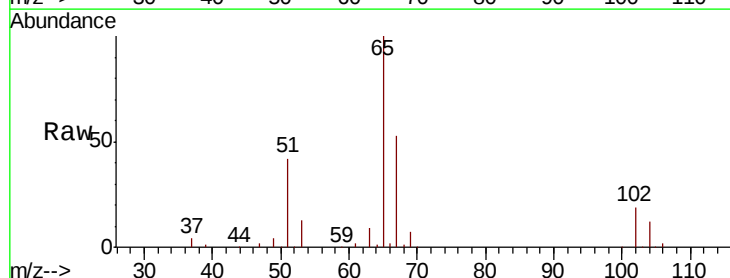


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

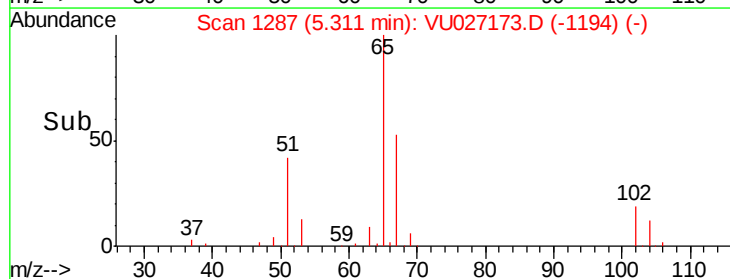
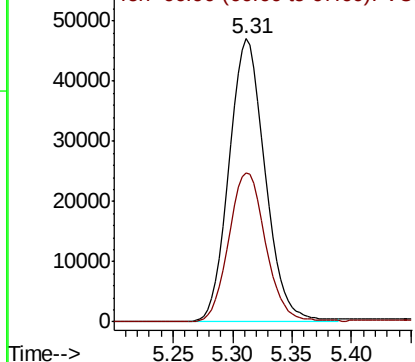


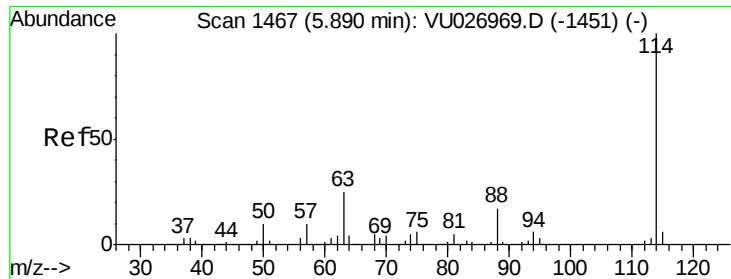
#33
1,2-Dichloroethane-d4
Concen: 53.277 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027173.D
Acq: 26 Sep 2018 13:30

Tgt Ion: 65 Resp: 99209
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6



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

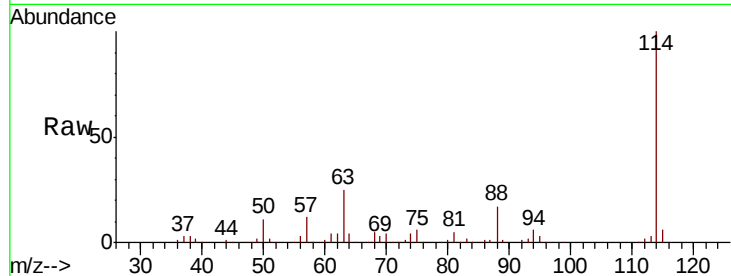




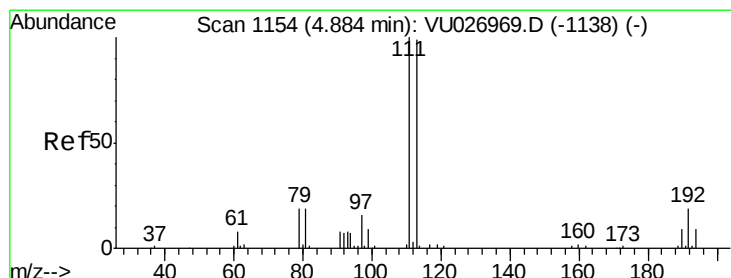
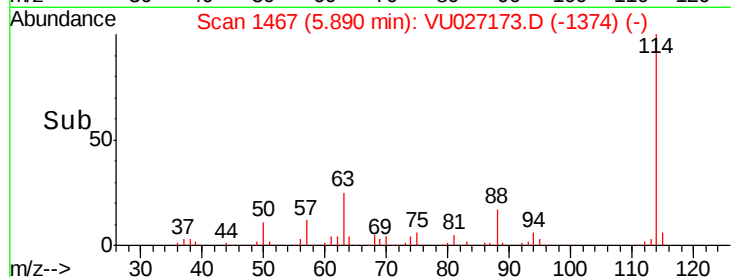
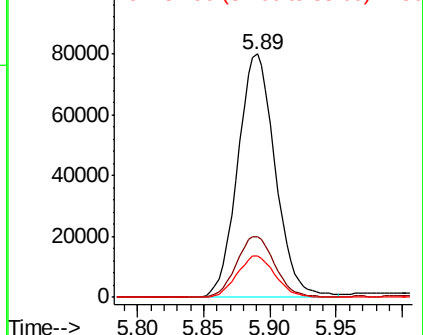
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027173.D
 Acq: 26 Sep 2018 13:30

Instrument :
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Tgt Ion:114 Resp: 157683
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.1 0.0 33.8

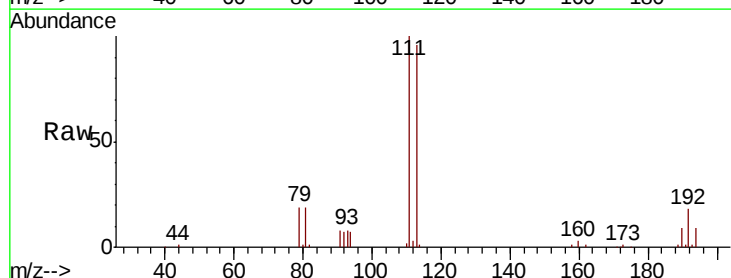


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

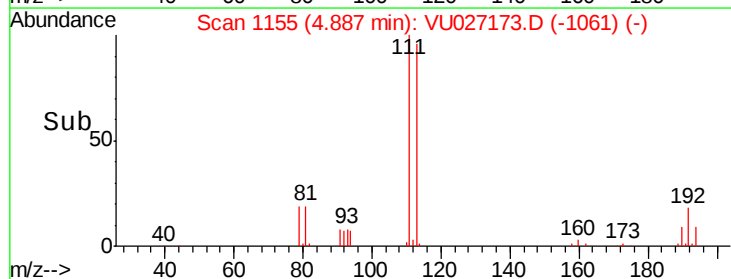
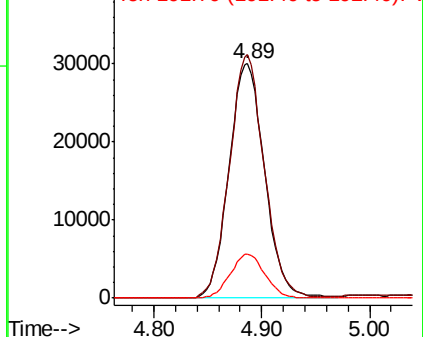


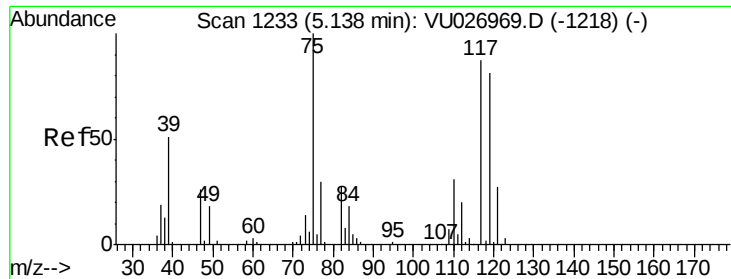
#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027173.D
 Acq: 26 Sep 2018 13:30

Tgt Ion:113 Resp: 69301
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 18.2 15.2 22.8



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

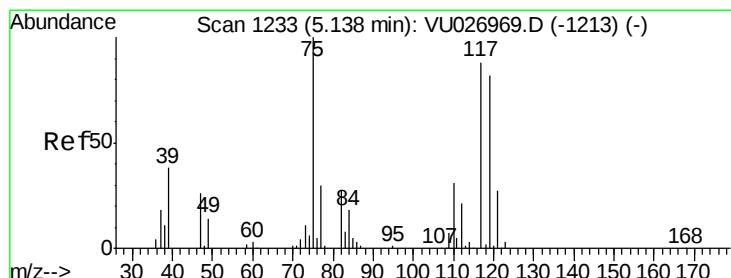
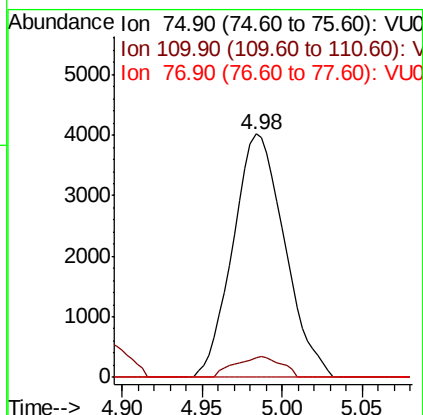
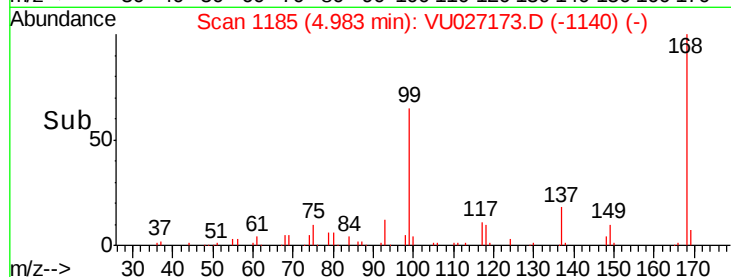
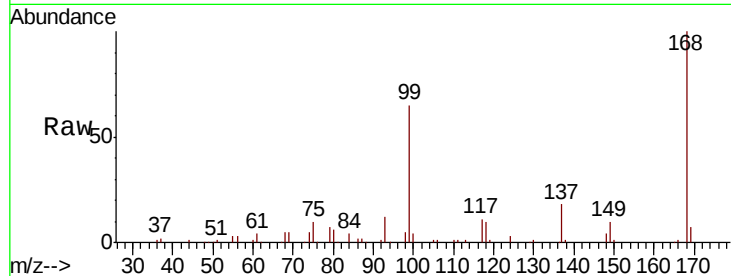




#36
 1,1-Dichloropropene
 Concen: 4.215 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027173.D
 Acq: 26 Sep 2018 13:30

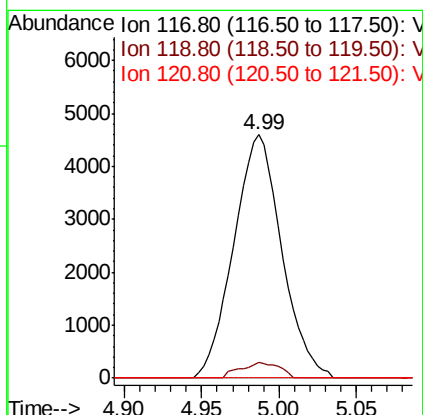
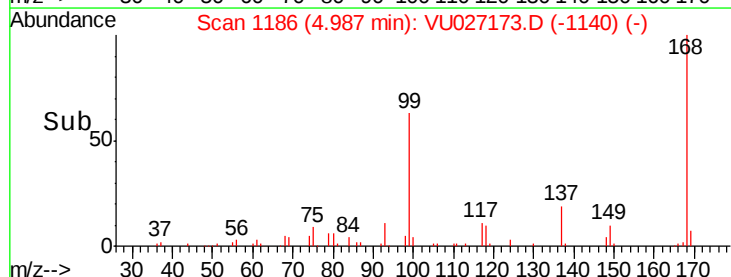
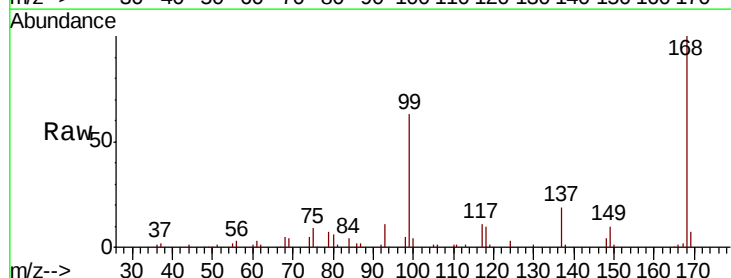
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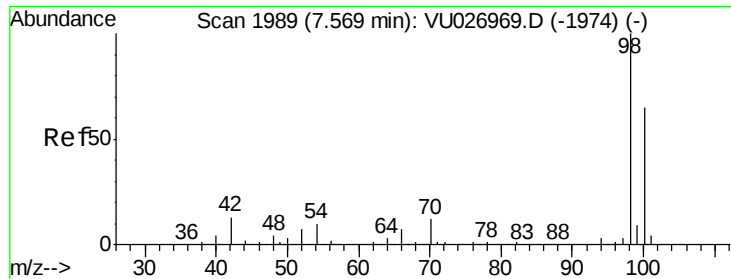
Tgt Ion: 75 Resp: 8870
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.953 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027173.D
 Acq: 26 Sep 2018 13:30

Tgt Ion: 117 Resp: 9919
 Ion Ratio Lower Upper
 117 100
 119 6.2 74.4 111.6#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 48.640 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

Instrument :

MSVOA_U

ClientSampleId :

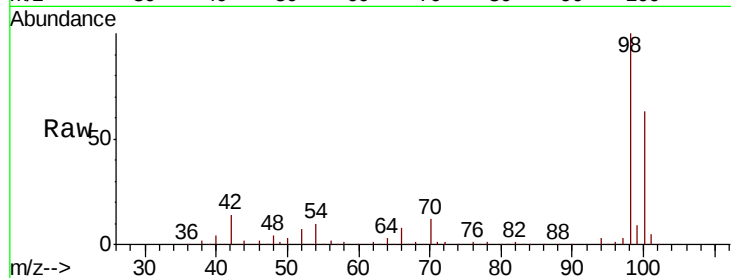
SA-DUP06-20180916

Tgt Ion: 98 Resp: 253360

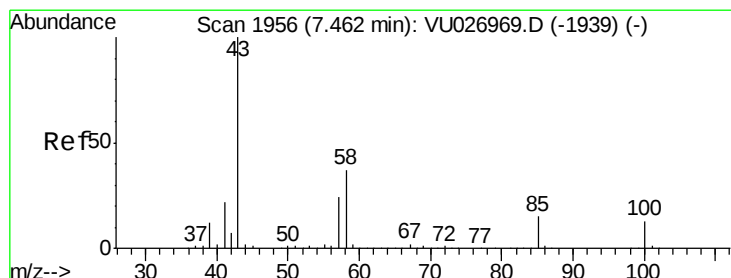
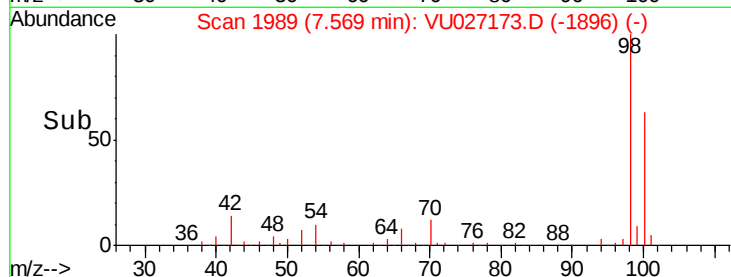
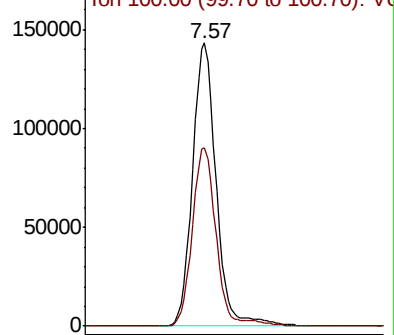
Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027173.D (-1896) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.457 ug/l

RT: 7.57 min Scan# 1990

Delta R.T. 0.11 min

Lab File: VU027173.D

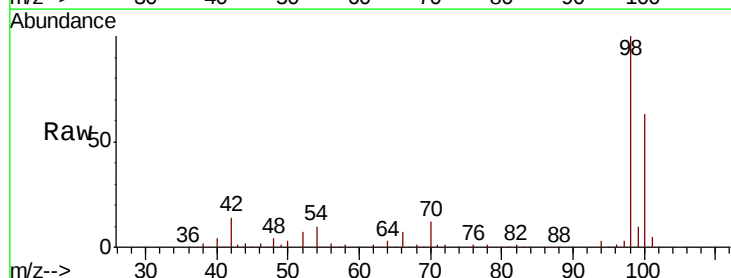
Acq: 26 Sep 2018 13:30

Tgt Ion: 43 Resp: 1278

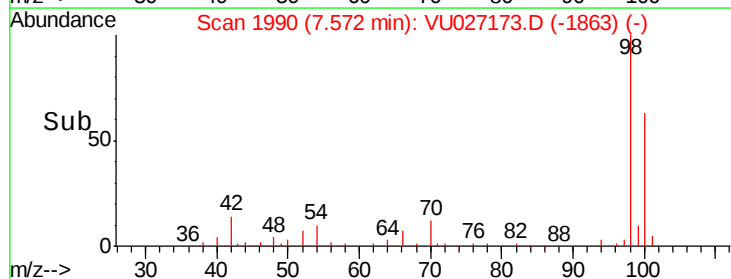
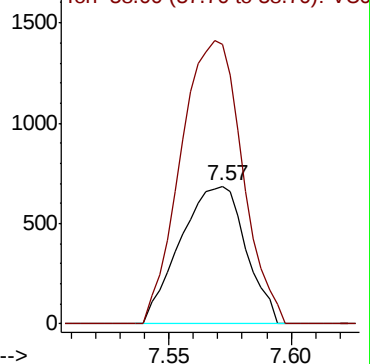
Ion Ratio Lower Upper

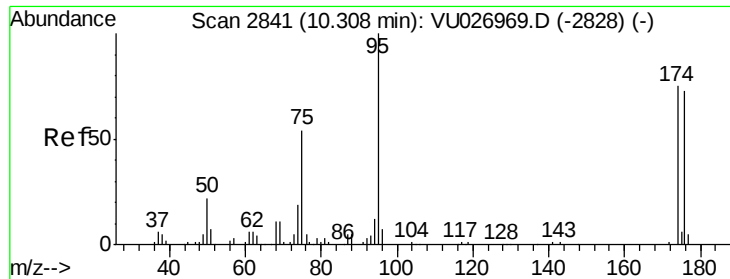
43 100

58 193.7 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU027173.D (-1863) (-)





#62

4-Bromofluorobenzene

Concen: 44.988 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

Instrument :

MSVOA_U

ClientSampleId :

SA-DUP06-20180916

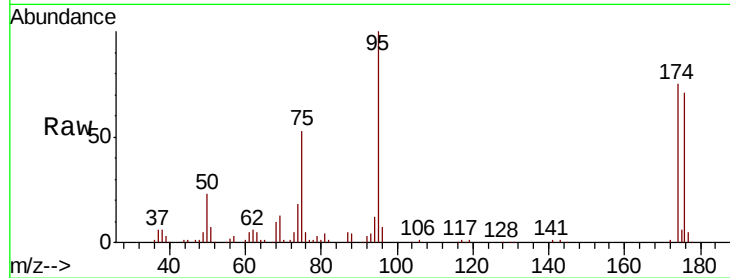
Tgt Ion: 95 Resp: 80410

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

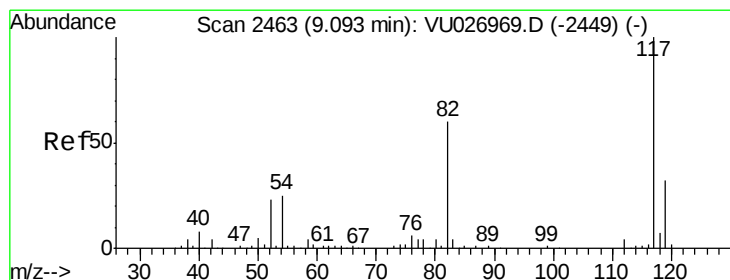
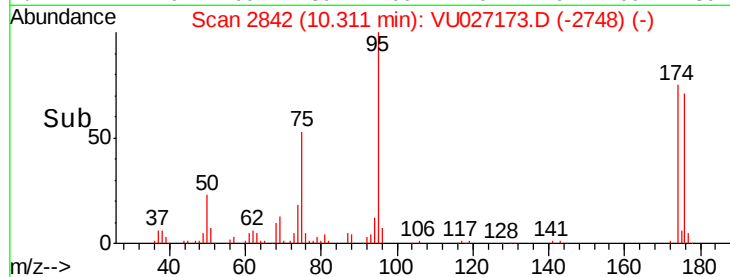
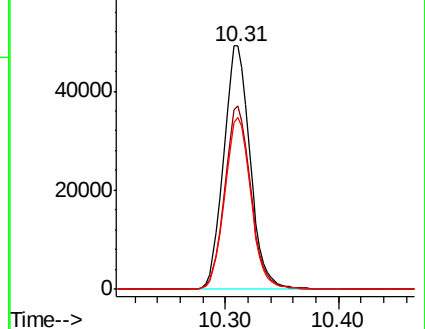
176 70.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

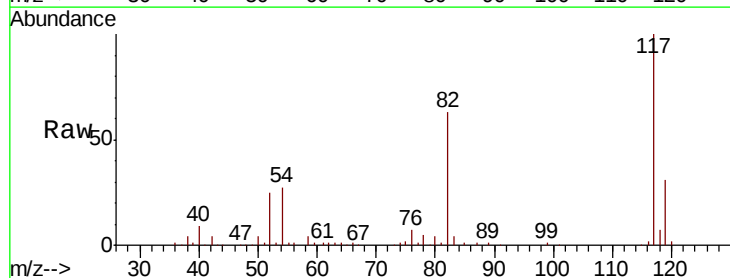
Tgt Ion: 117 Resp: 149820

Ion Ratio Lower Upper

117 100

82 63.0 48.0 72.0

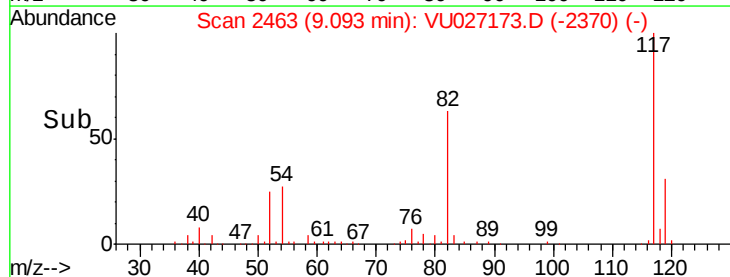
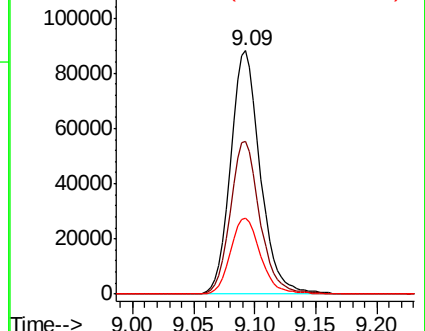
119 31.4 25.8 38.8

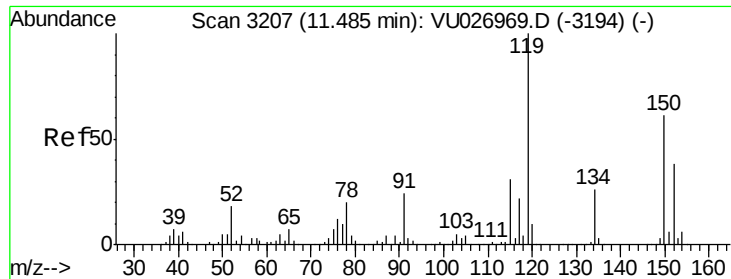


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

Instrument :

MSVOA_U

ClientSampleId :

SA-DUP06-20180916

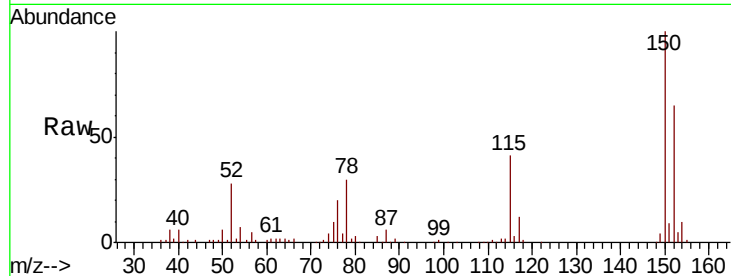
Tgt Ion: 152 Resp: 68015

Ion Ratio Lower Upper

152 100

115 62.9 44.9 134.5

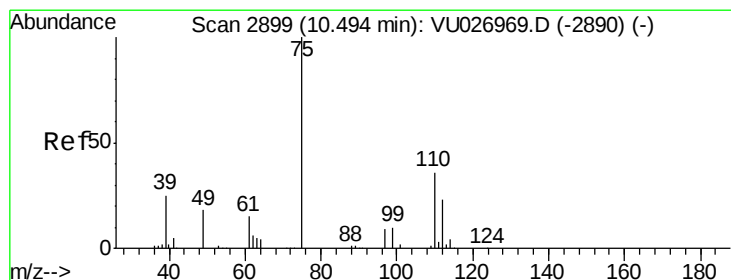
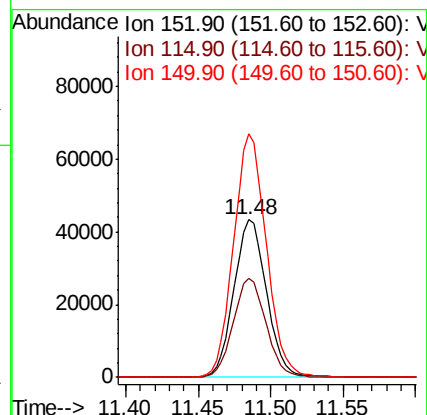
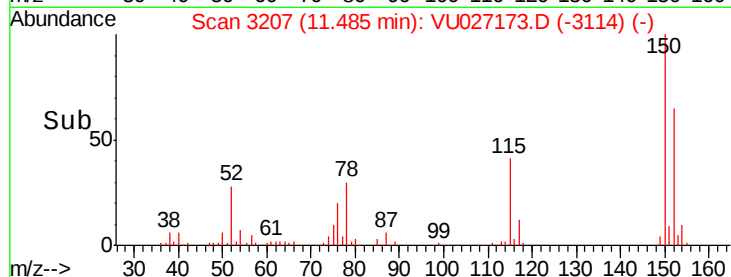
150 154.7 0.0 355.8



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: 20.931 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027173.D

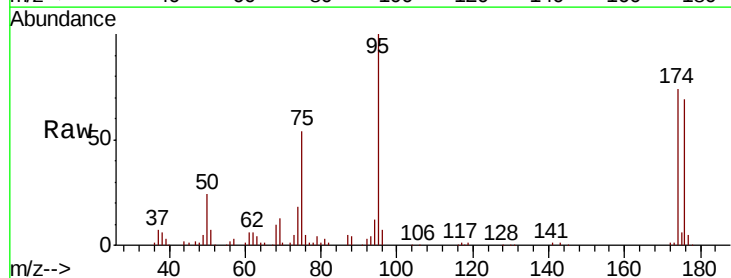
Acq: 26 Sep 2018 13:30

Tgt Ion: 75 Resp: 43249

Ion Ratio Lower Upper

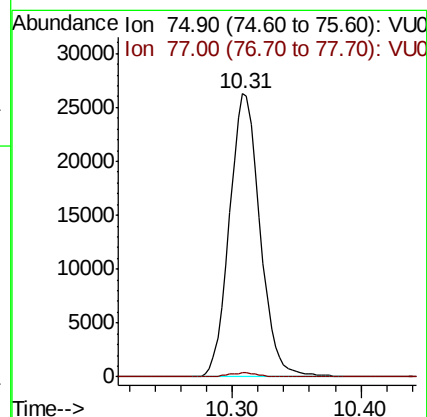
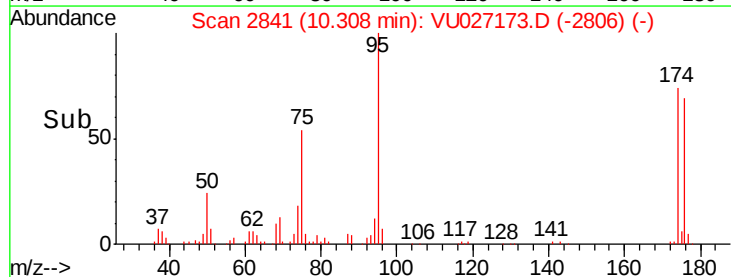
75 100

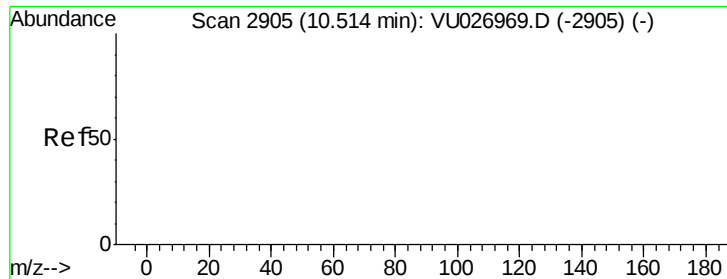
77 1.2 20.9 62.8#



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: 66.983 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027173.D

Acq: 26 Sep 2018 13:30

Instrument :

MSVOA_U

ClientSampleId :

SA-DUP06-20180916

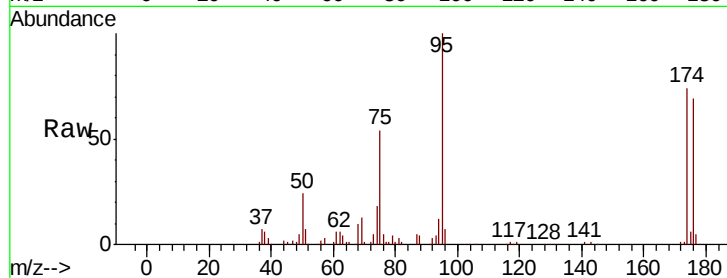
Tgt Ion: 75 Resp: 43249

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

