

Data File : VU027003.D
Acq On : 22 Sep 2018 07:41
Operator : MD/SY
Sample : J4934-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-MW128I-20180912

Quant Time: Sep 24 02:45:52 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	73178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146900	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	89340	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
35) Dibromofluoromethane	4.89	113	67102	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	7.57	98	233793	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	10.31	95	82738	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
6) Chloroethane	1.70	64	448	0.456	ug/l #	43
11) Tert butyl alcohol	2.83	59	383	1.135	ug/l #	72
14) Allyl chloride	2.44	41	3433	1.675	ug/l #	74
16) Acetone	2.32	43	3461	Below Cal		96
20) Methylene Chloride	2.70	84	510	0.387	ug/l #	95
24) 1,1-Dichloroethane	3.45	63	1986	0.822	ug/l #	84
31) Cyclohexane	4.98	56	1908	0.298	ug/l #	2
36) 1,1-Dichloropropene	4.99	75	6815	3.476	ug/l #	49
38) Carbon Tetrachloride	4.99	117	7655	4.103	ug/l #	20
51) 4-Methyl-2-Pentanone	7.57	43	1143	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44481	20.057	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44481	64.186	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: VU027003.D

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Instrument :

MSVOA_U

ClientSampleId :

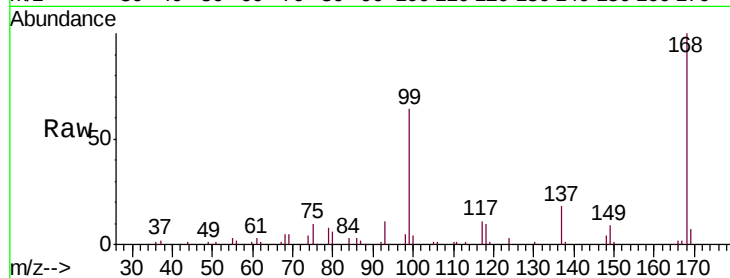
SA-MW128I-20180912

Tgt Ion:168 Resp: 73178

Ion Ratio Lower Upper

168 100

99 64.0 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) (-)

4.99

30000

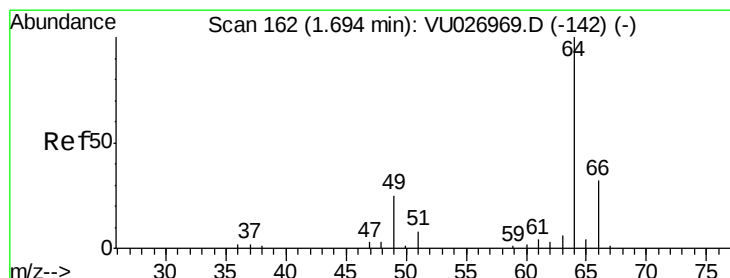
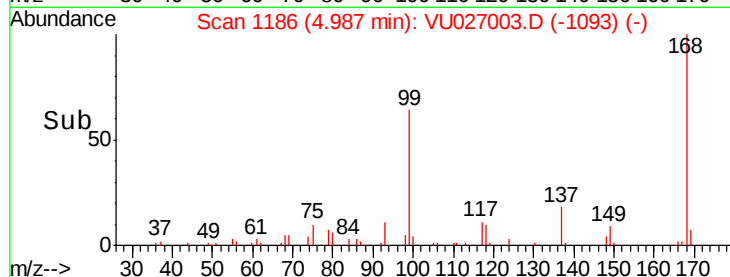
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 0.456 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027003.D

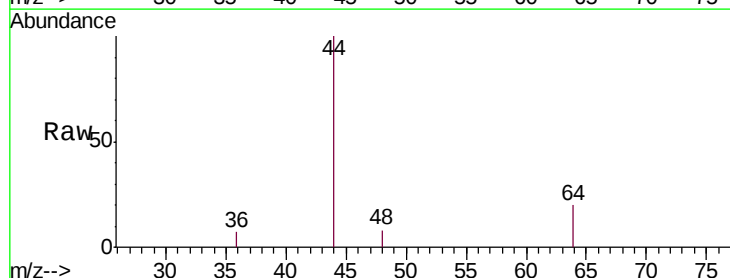
Acq: 22 Sep 2018 07:41

Tgt Ion: 64 Resp: 448

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

400

300

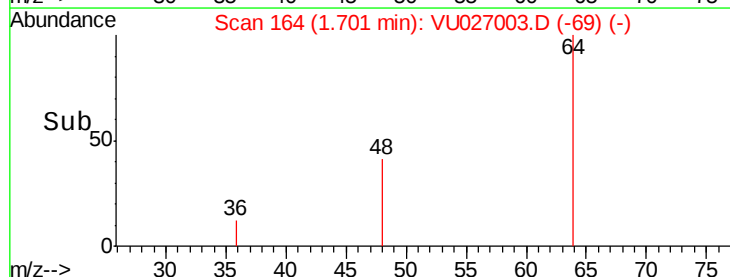
200

100

0

1.64 1.66 1.68 1.70 1.72

Time-->



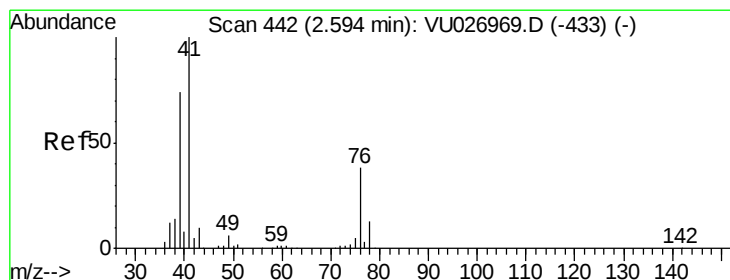
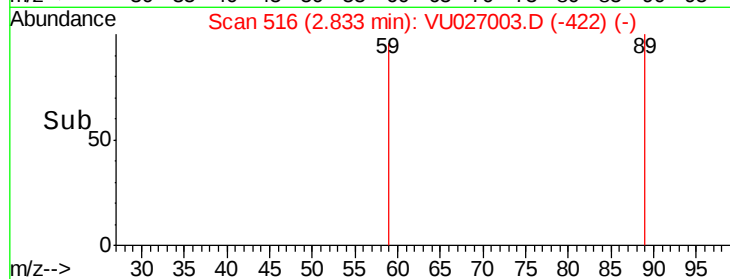
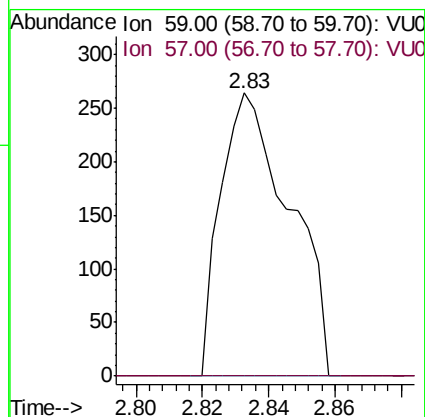
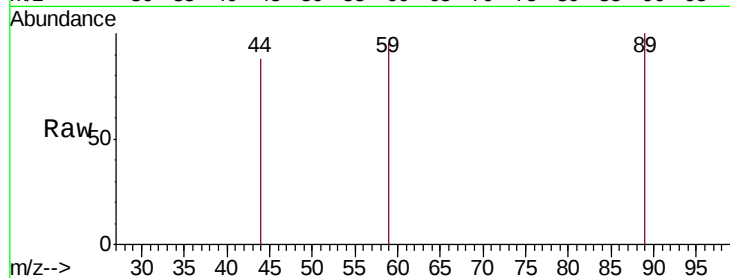


#11

Tert butyl alcohol
 Concen: 1.135 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128I-20180912

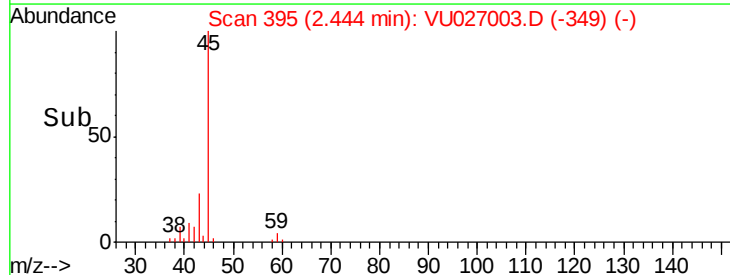
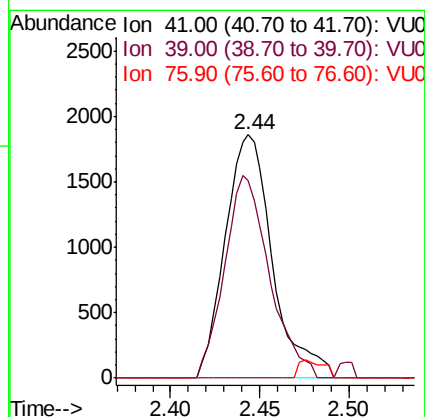
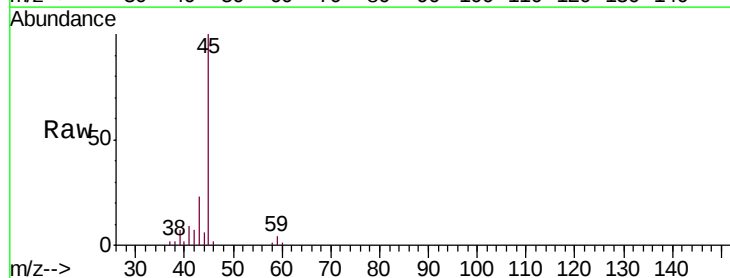
Tgt Ion: 59 Resp: 383
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

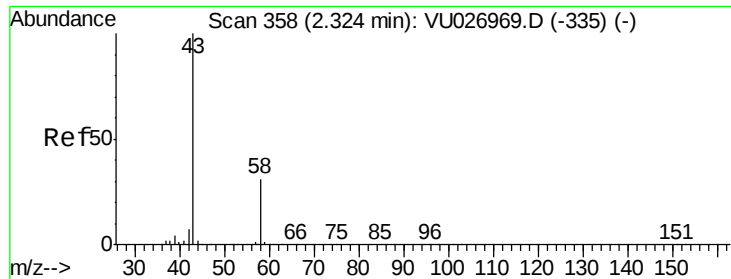


#14

Allyl chloride
 Concen: 1.675 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Tgt Ion: 41 Resp: 3433
 Ion Ratio Lower Upper
 41 100
 39 78.8 55.7 83.5
 76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

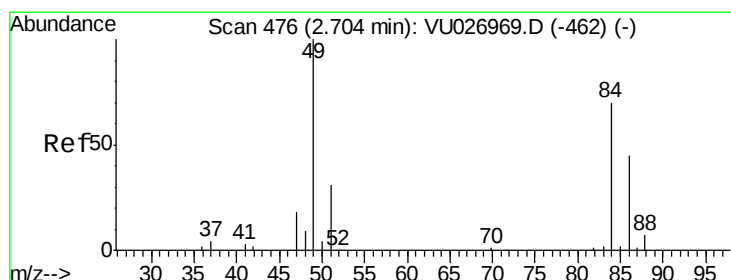
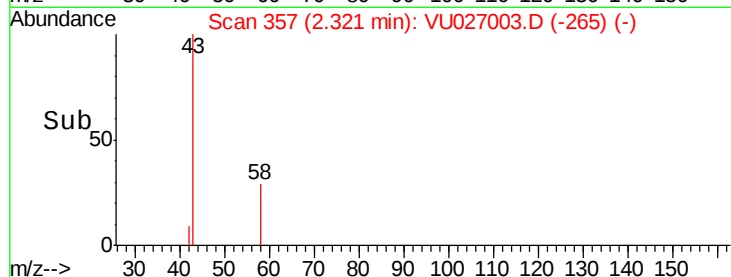
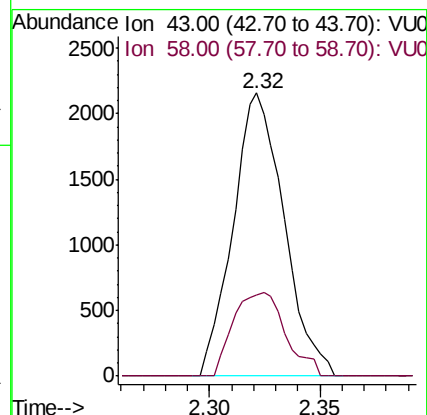
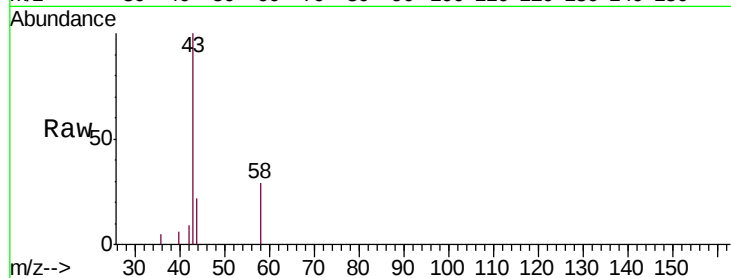
SA-MW128I-20180912

Tgt Ion: 43 Resp: 3461

Ion Ratio Lower Upper

43 100

58 28.7 24.6 36.8



#20

Methylene Chloride

Concen: 0.387 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

Tgt Ion: 84 Resp: 510

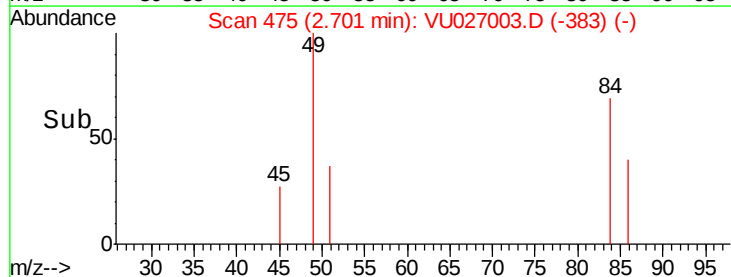
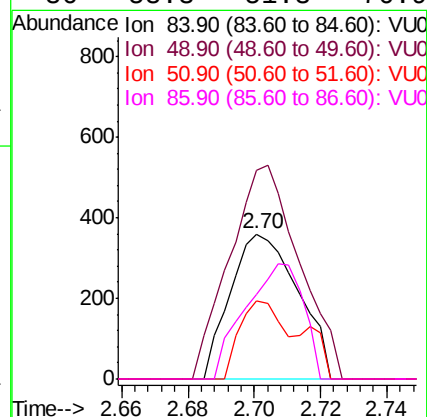
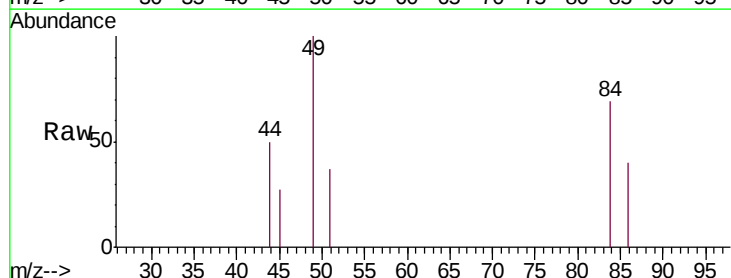
Ion Ratio Lower Upper

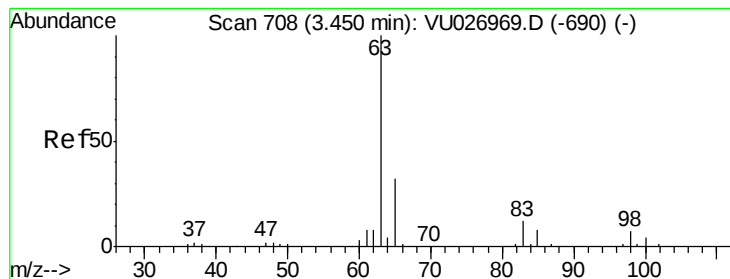
84 100

49 144.2 114.9 172.3

51 53.9 35.8 53.8#

86 58.3 51.3 76.9





#24

1,1-Dichloroethane

Concen: 0.822 ug/l

RT: 3.45 min Scan# 709

Delta R.T. 0.00 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

SA-MW128I-20180912

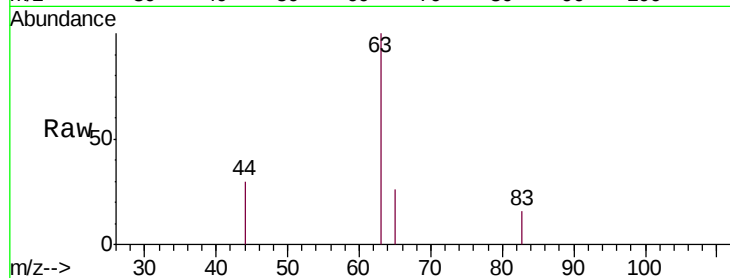
Tgt Ion: 63 Resp: 1986

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

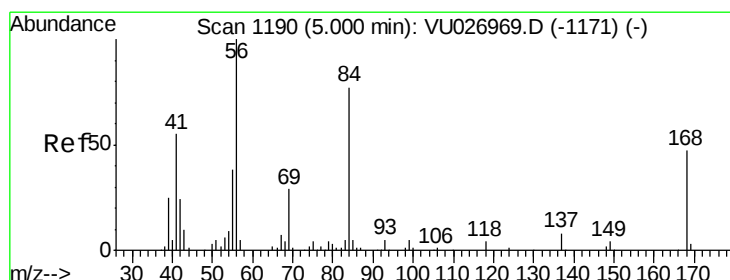
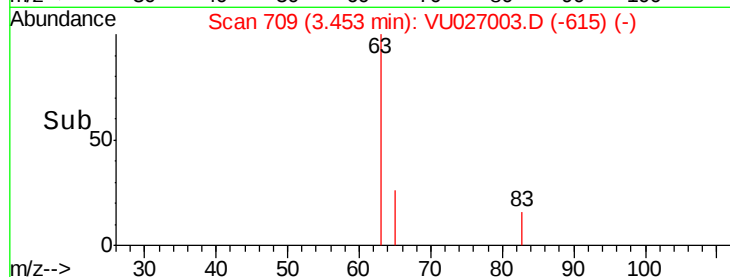
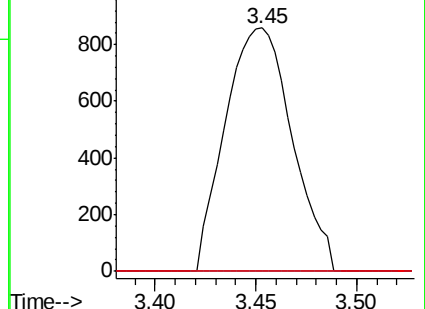
100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)



#31

Cyclohexane

Concen: 0.298 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

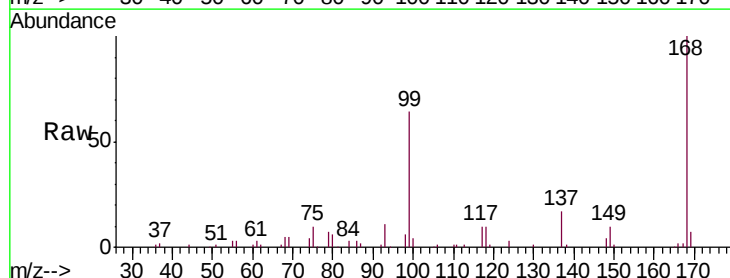
Tgt Ion: 56 Resp: 1908

Ion Ratio Lower Upper

56 100

69 165.8 23.0 34.4#

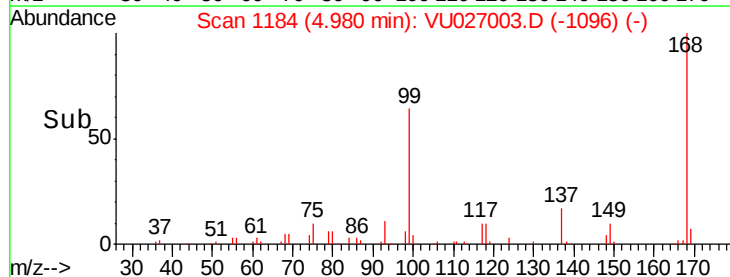
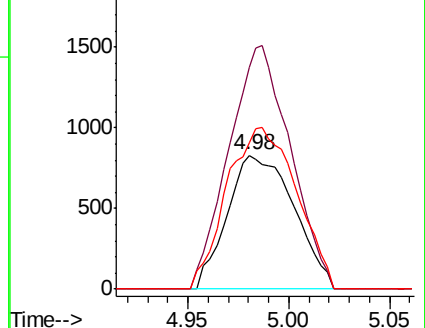
84 109.3 61.4 92.2#

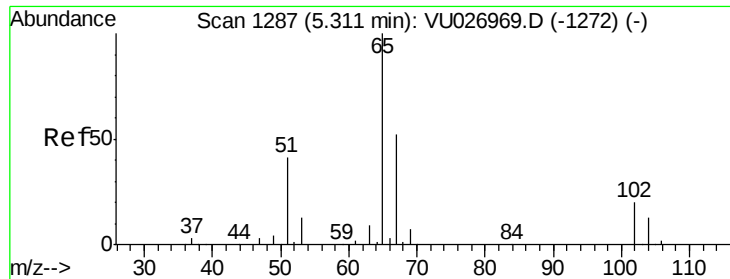


Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

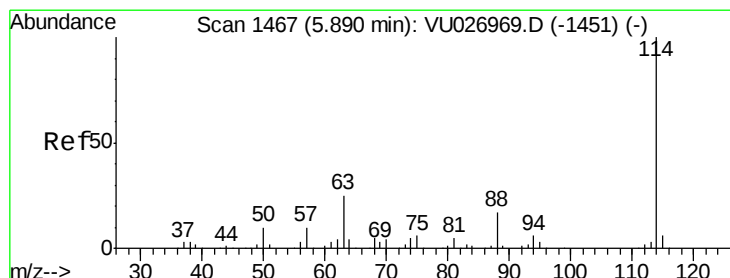
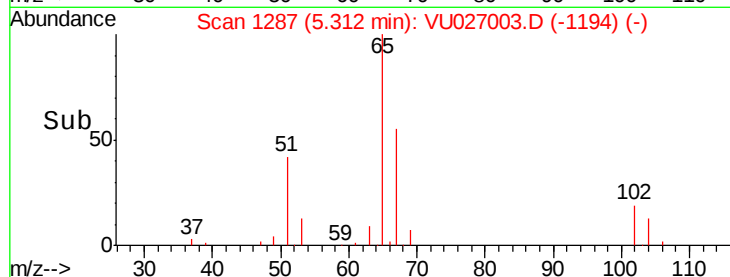
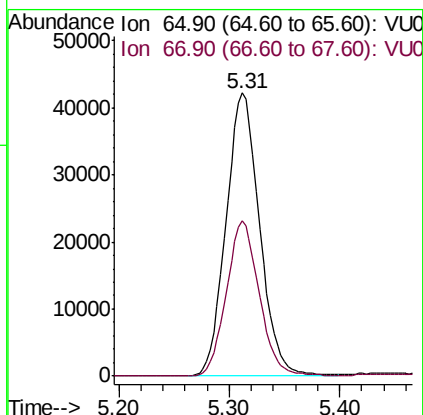
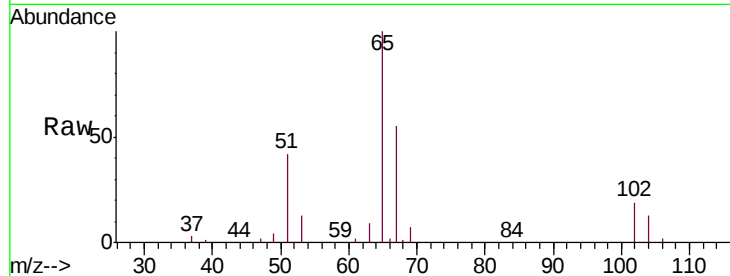




#33
 1,2-Dichloroethane-d4
 Concen: 60.659 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

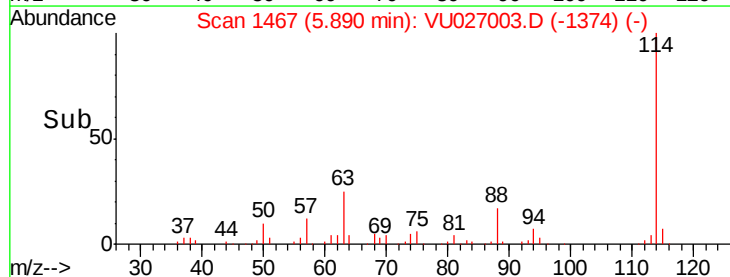
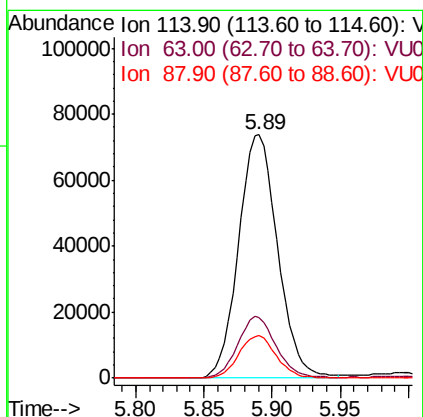
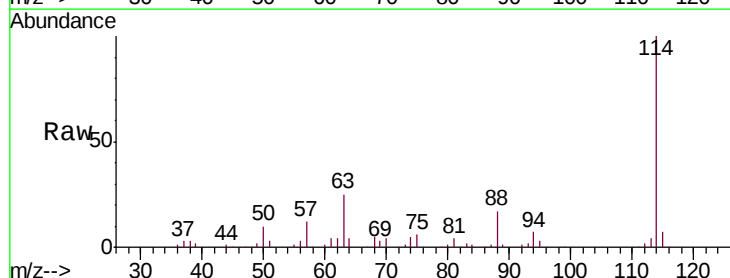
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128I-20180912

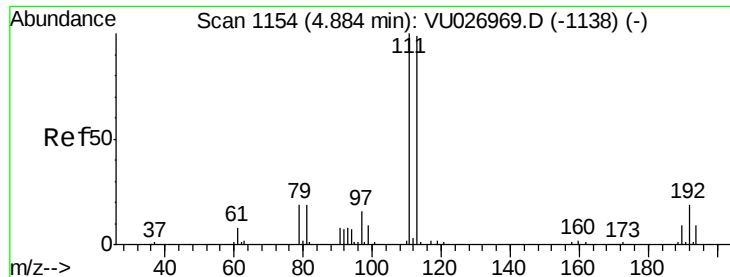
Tgt Ion: 65 Resp: 89340
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Tgt Ion: 114 Resp: 146900
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.3 0.0 33.8

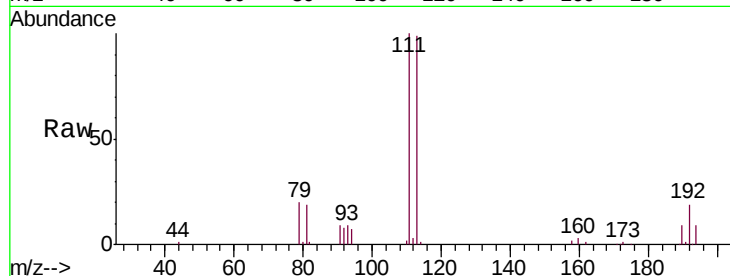




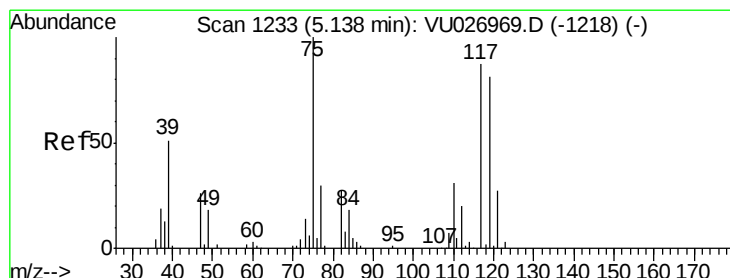
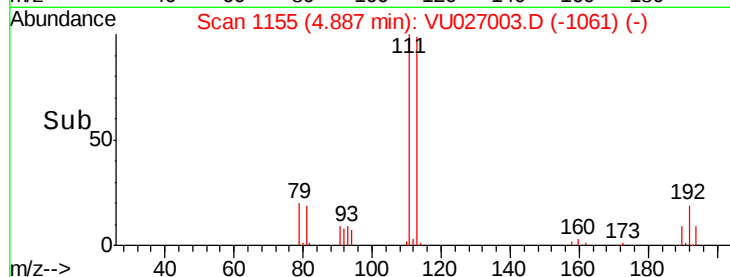
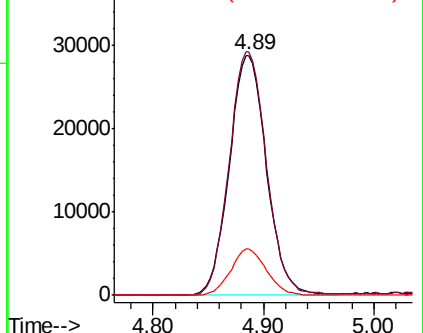
#35
 Dibromofluoromethane
 Concen: 52.698 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128I-20180912

Tgt Ion:113 Resp: 67102
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.5 15.2 22.8

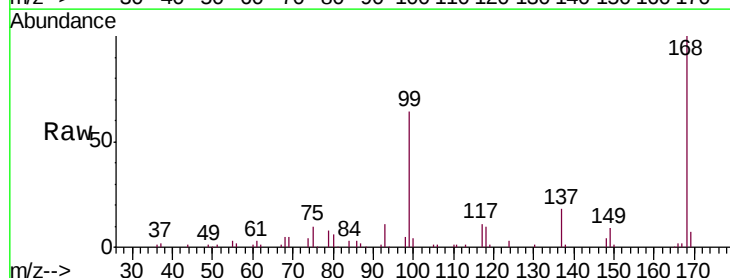


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

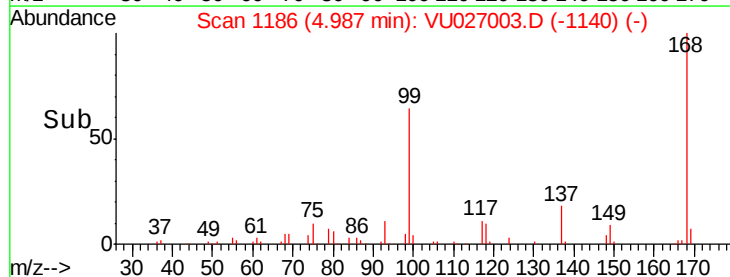
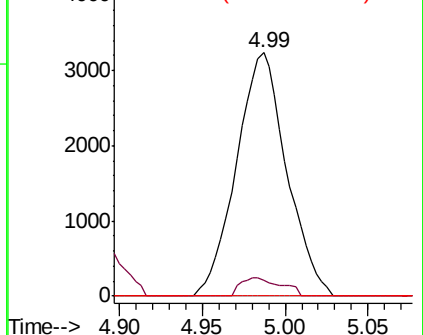


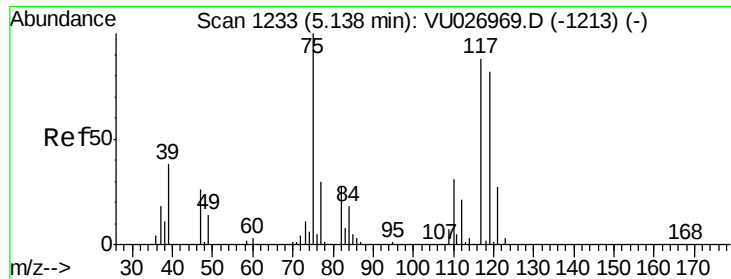
#36
 1,1-Dichloropropene
 Concen: 3.476 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Tgt Ion: 75 Resp: 6815
 Ion Ratio Lower Upper
 75 100
 110 6.0 16.1 48.2#
 77 0.0 24.6 36.8#



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

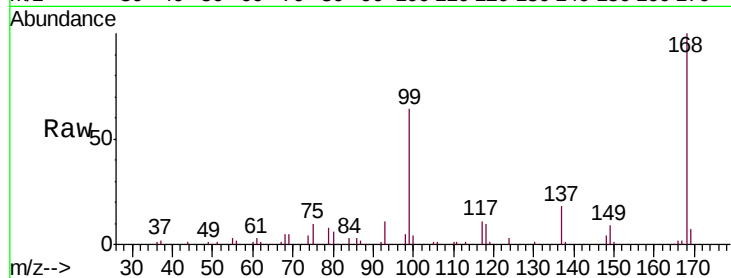




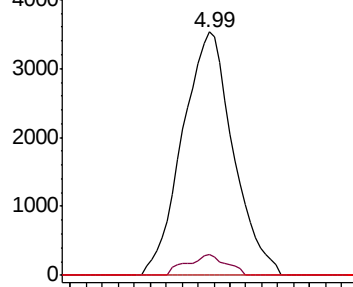
#38
Carbon Tetrachloride
Concen: 4.103 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027003.D
Acq: 22 Sep 2018 07:41

Instrument :
MSVOA_U
ClientSampleId :
SA-MW128I-20180912

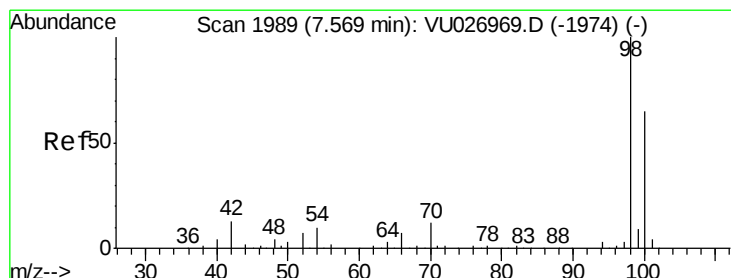
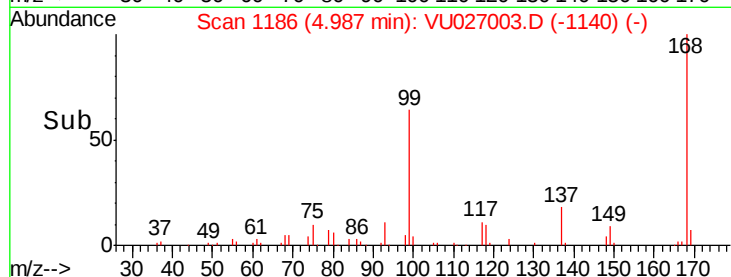
Tgt Ion:117 Resp: 7655
Ion Ratio Lower Upper
117 100
119 8.7 74.4 111.6#
121 0.0 24.2 36.4#



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

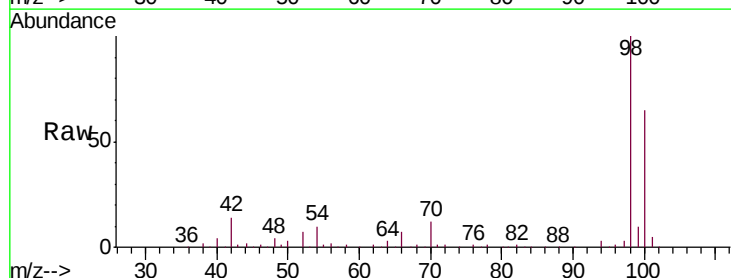


Time-->

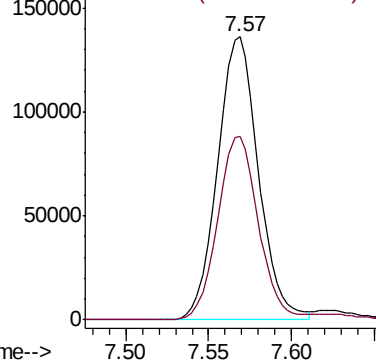


#50
Toluene-d8
Concen: 48.178 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027003.D
Acq: 22 Sep 2018 07:41

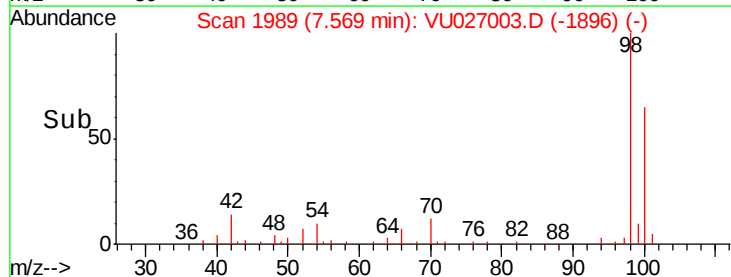
Tgt Ion: 98 Resp: 233793
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

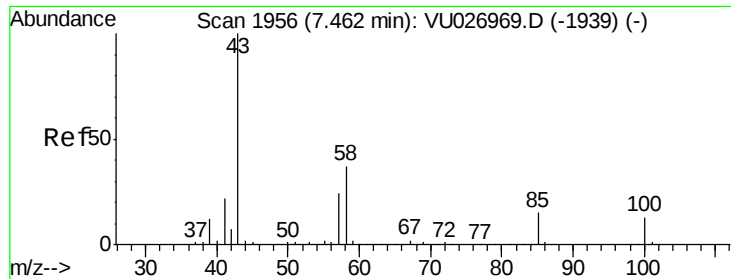


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.439 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

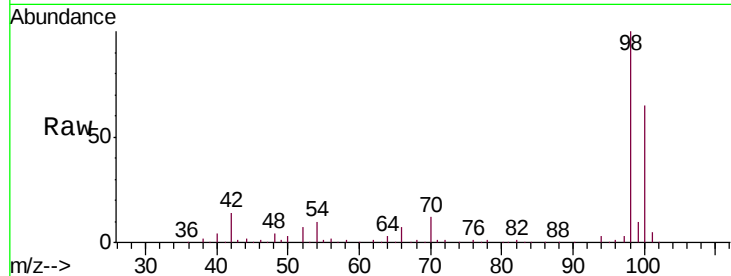
SA-MW128I-20180912

Tgt Ion: 43 Resp: 1143

Ion Ratio Lower Upper

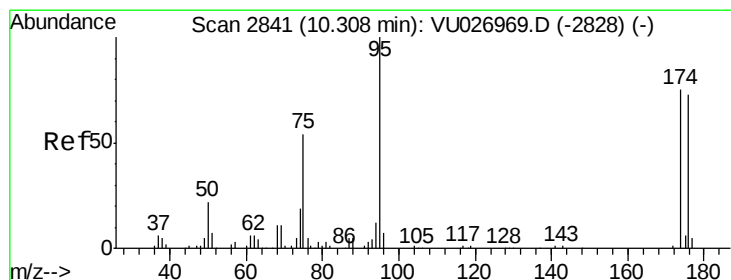
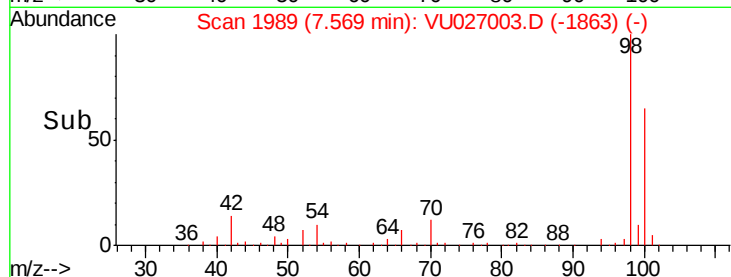
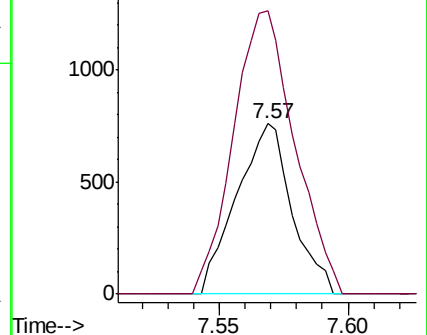
43 100

58 183.9 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)



#62

4-Bromofluorobenzene

Concen: 49.689 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027003.D

Acq: 22 Sep 2018 07:41

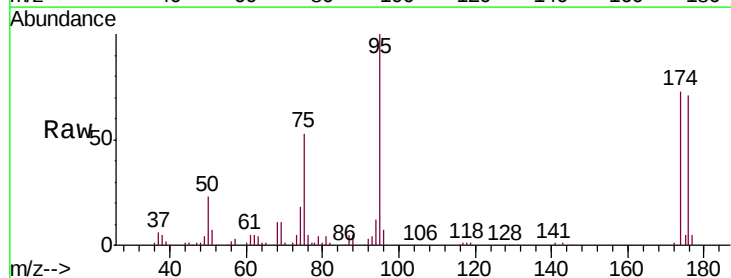
Tgt Ion: 95 Resp: 82738

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.2

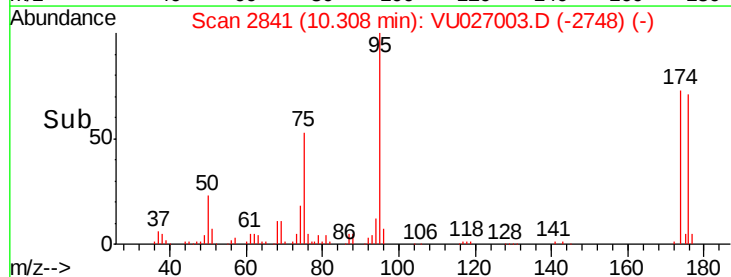
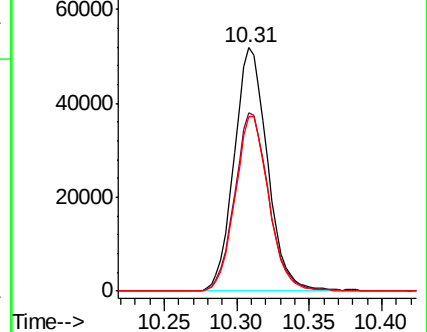
176 72.4 0.0 145.2

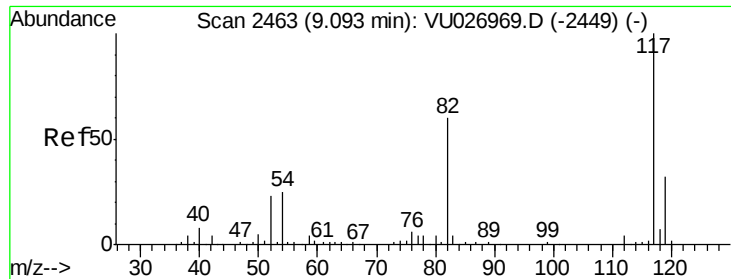


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

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

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

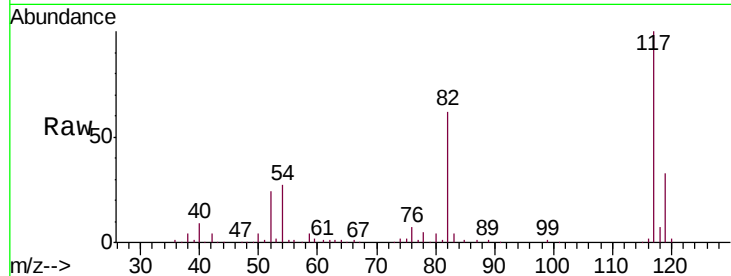




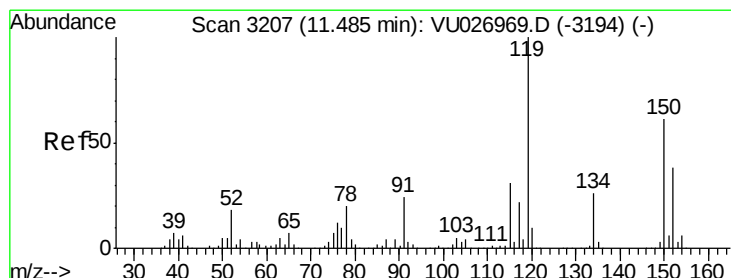
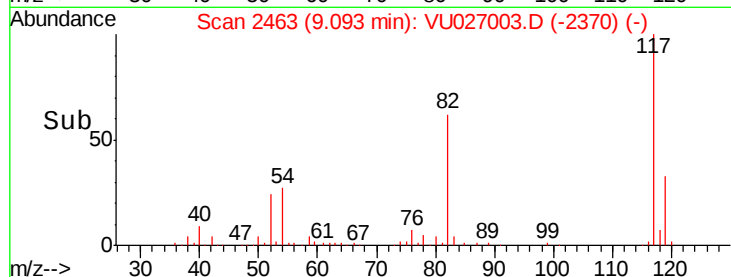
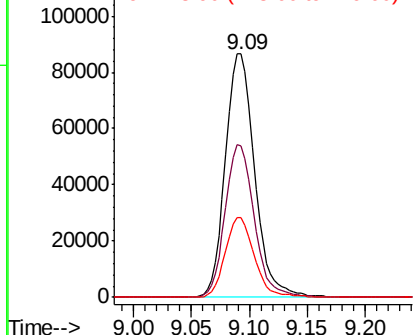
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027003.D
Acq: 22 Sep 2018 07:41

Instrument :
MSVOA_U
ClientSampleId :
SA-MW128I-20180912

Tgt Ion:117 Resp: 151402
Ion Ratio Lower Upper
117 100
82 62.1 48.0 72.0
119 32.7 25.8 38.8

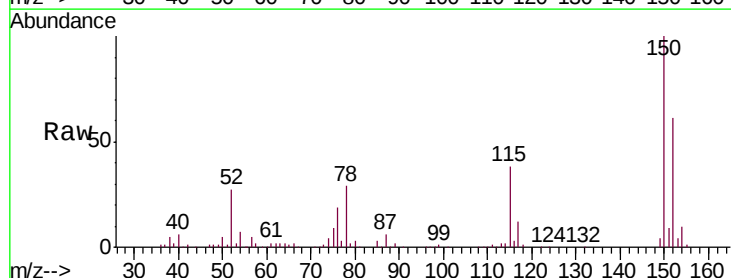


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

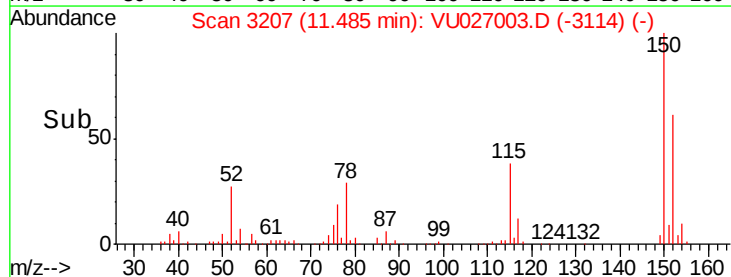
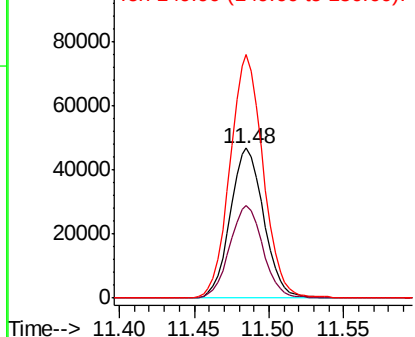


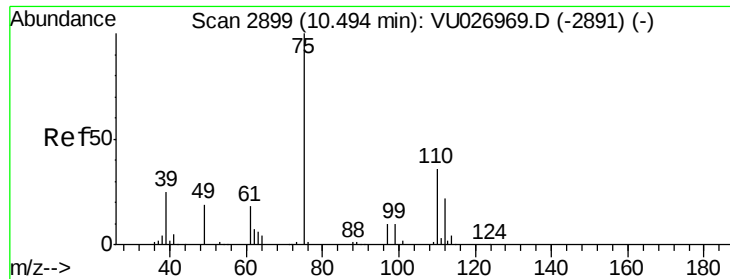
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027003.D
Acq: 22 Sep 2018 07:41

Tgt Ion:152 Resp: 73000
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 160.6 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

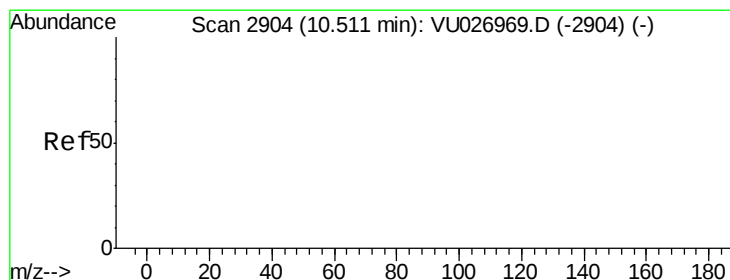
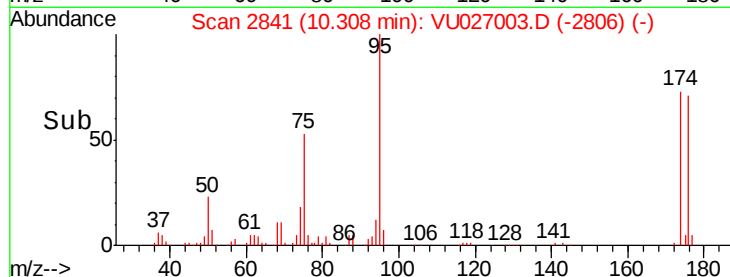
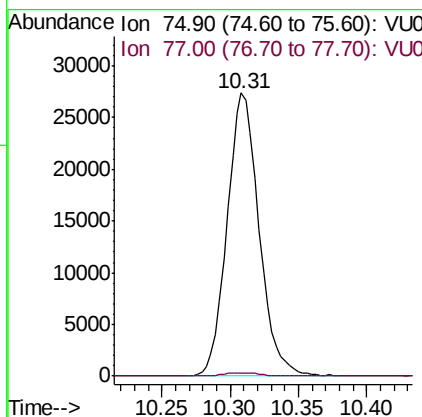
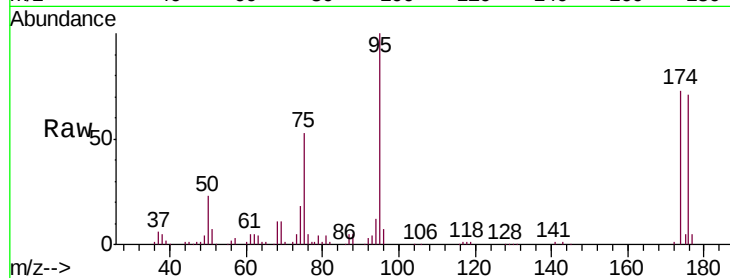




#76
 1,2,3-Trichloropropane
 Concen: 20.057 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW128I-20180912

Tgt Ion: 75 Resp: 44481
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.186 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027003.D
 Acq: 22 Sep 2018 07:41

Tgt Ion: 75 Resp: 44481
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

