

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027103.D
 Acq On : 24 Sep 2018 13:03
 Operator : MD/SY
 Sample : J4969-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ183I-20180916

Quant Time: Sep 25 01:34:38 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	95363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159504	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70871	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	97869	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	4.89	113	67060	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	7.57	98	256510	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	10.31	95	83255	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	

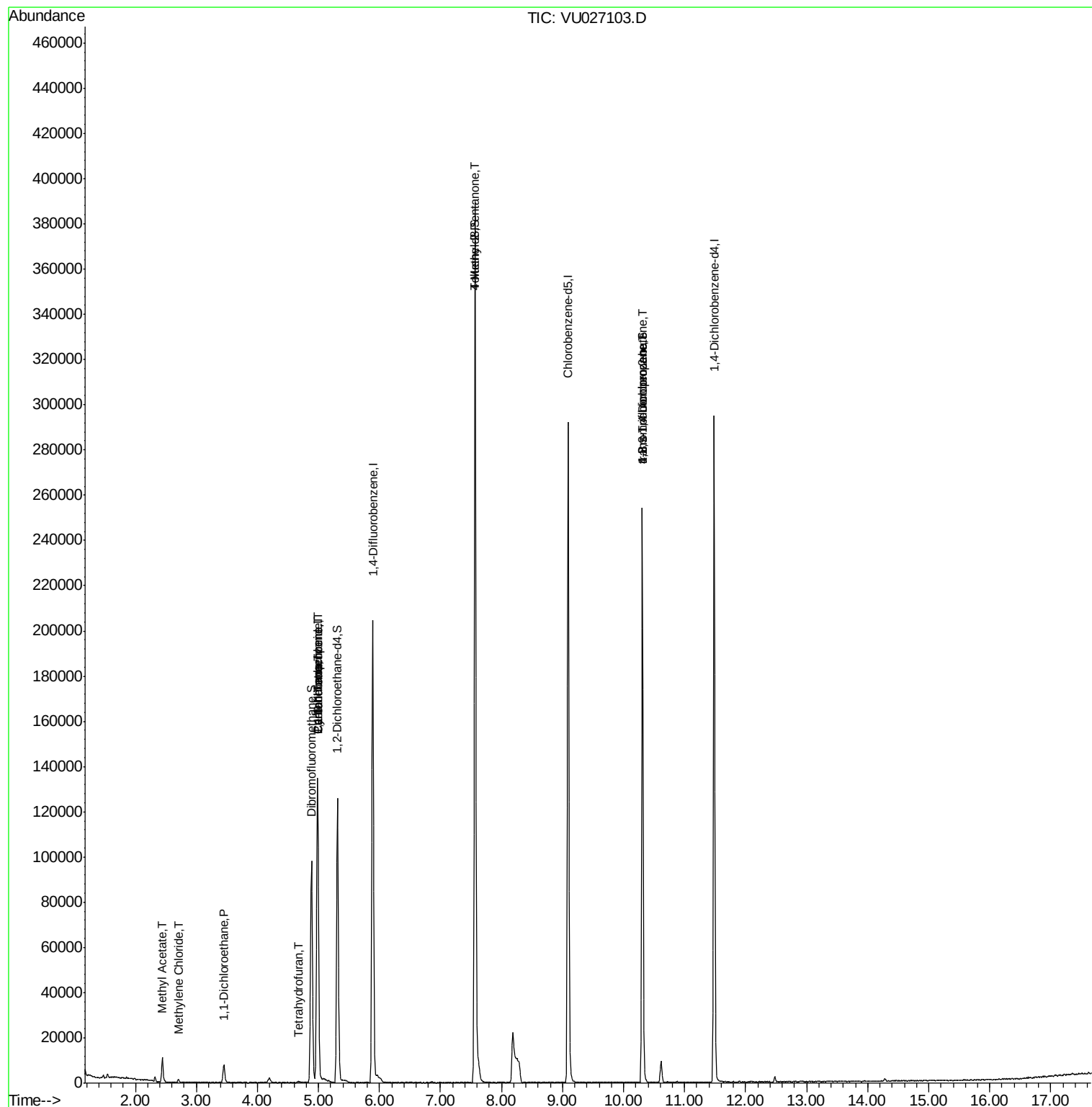
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	2512	Below Cal		97
18) Methyl Acetate	2.44	43	3026	1.108	ug/l #	55
20) Methylene Chloride	2.70	84	516	0.300	ug/l #	87
24) 1,1-Dichloroethane	3.45	63	9502	3.019	ug/l	99
29) Tetrahydrofuran	4.67	42	384	0.394	ug/l #	37
31) Cyclohexane	4.99	56	2536	0.315	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8851	4.158	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9565	4.722	ug/l #	18
51) 4-Methyl-2-Pentanone	7.56	43	1353	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	45489	21.128	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	45489	67.613	ug/l #	100

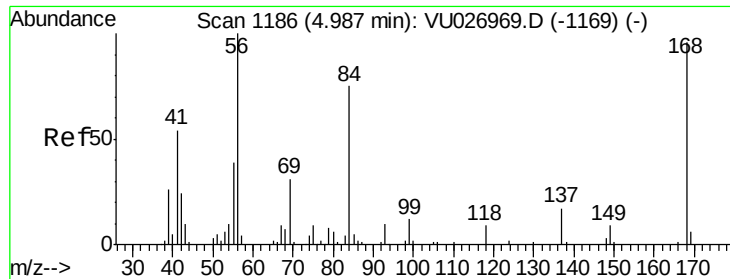
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
Data File : VU027103.D
Acq On : 24 Sep 2018 13:03
Operator : MD/SY
Sample : J4969-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ183I-20180916

Quant Time: Sep 25 01:34:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027103.D

Acq: 24 Sep 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

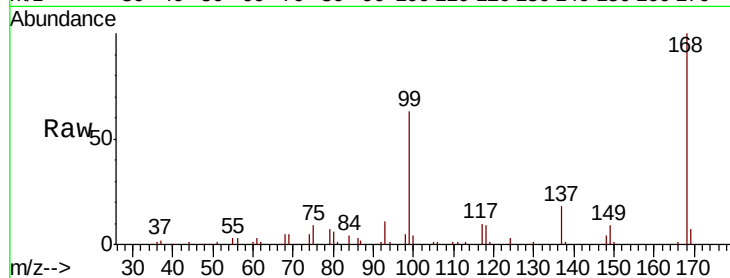
SA-PZ183I-20180916

Tgt Ion:168 Resp: 95363

Ion Ratio Lower Upper

168 100

99 63.1 48.1 72.1



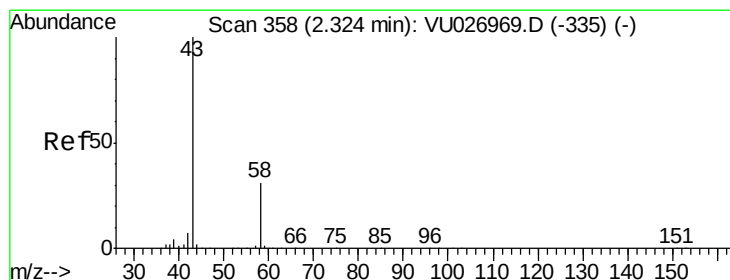
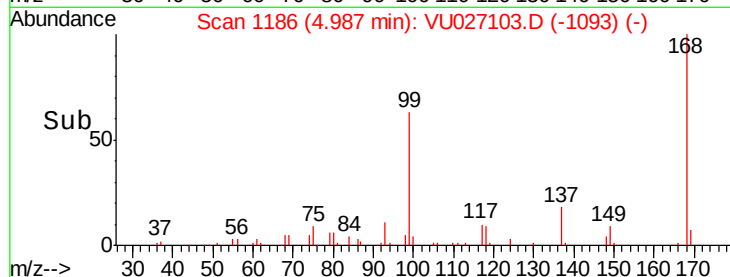
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027103.D

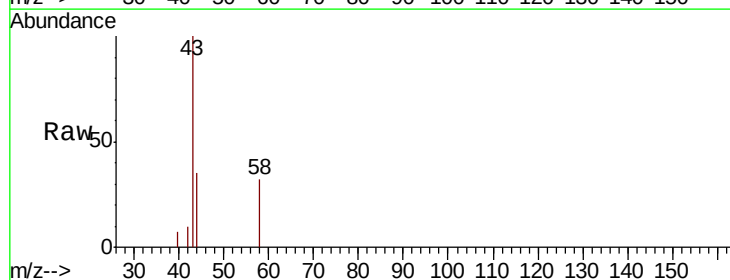
Acq: 24 Sep 2018 13:03

Tgt Ion: 43 Resp: 2512

Ion Ratio Lower Upper

43 100

58 32.2 24.6 36.8



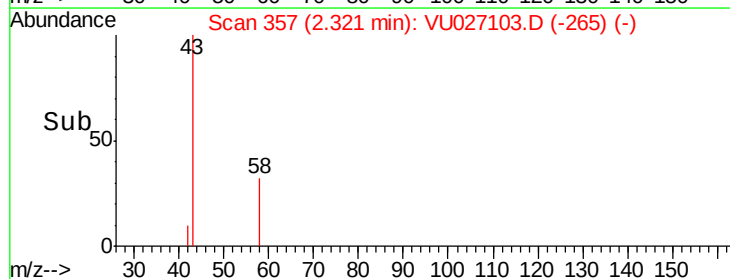
Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

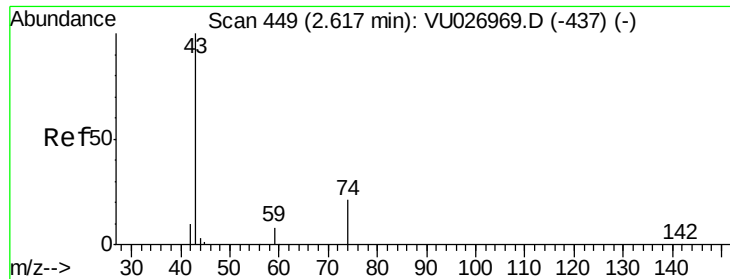
Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

2.32

2.30 2.35

Time-->

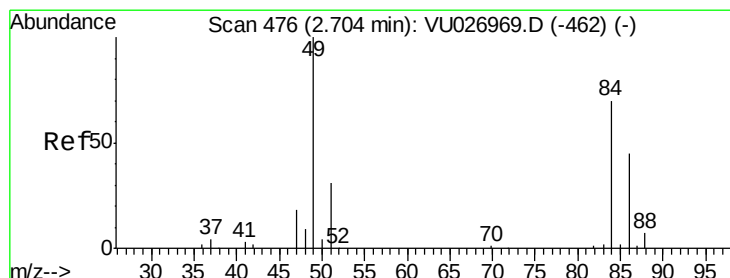
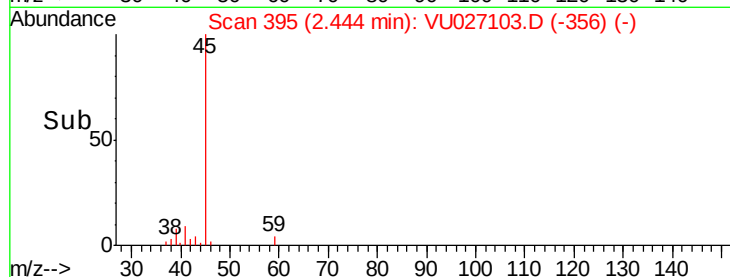
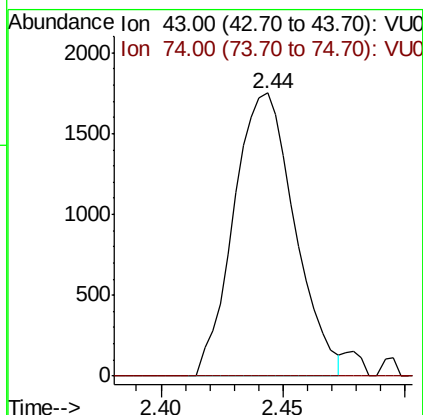
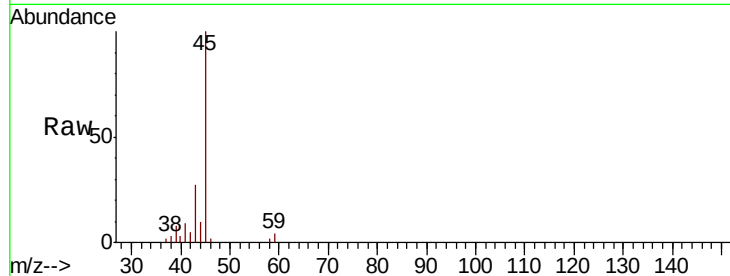




#18
Methyl Acetate
Concen: 1.108 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

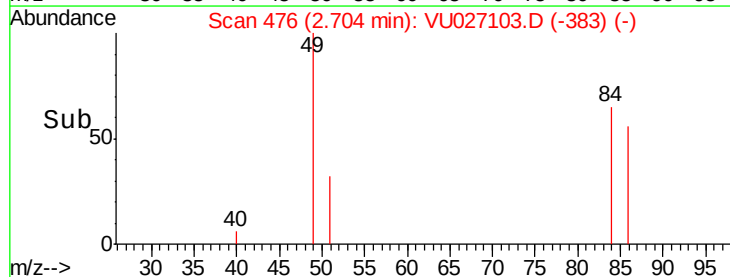
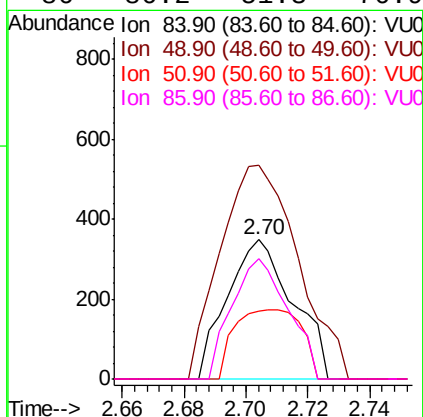
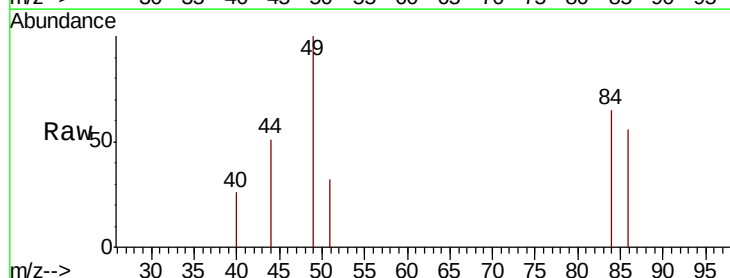
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ183I-20180916

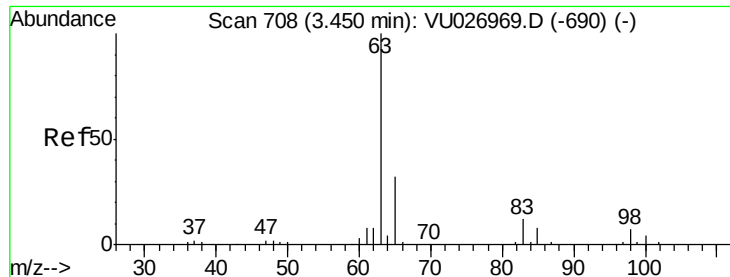
Tgt Ion: 43 Resp: 3026
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

Tgt Ion: 84 Resp: 516
Ion Ratio Lower Upper
84 100
49 153.7 114.9 172.3
51 48.6 35.8 53.8
86 86.2 51.3 76.9#

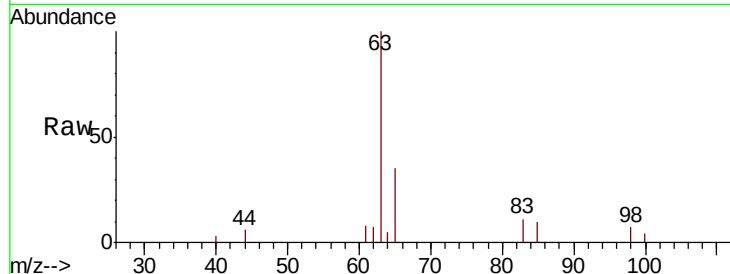




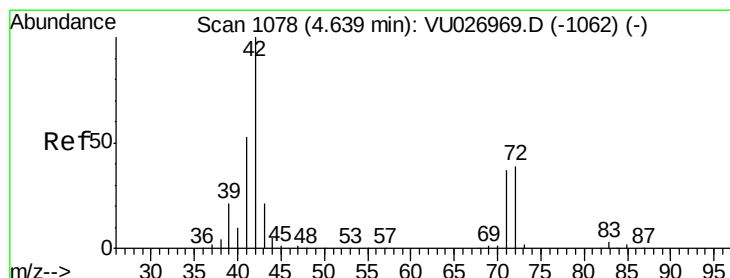
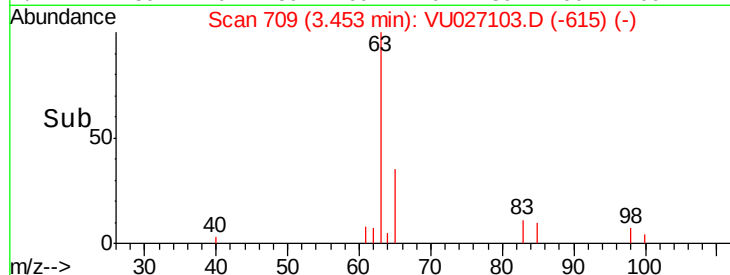
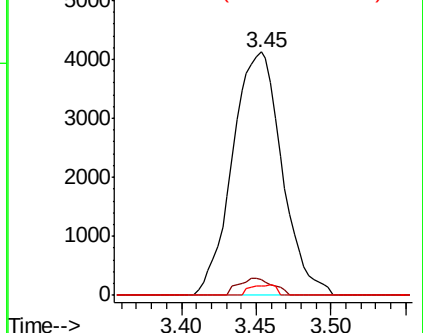
#24
 1,1-Dichloroethane
 Concen: 3.019 ug/l
 RT: 3.45 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ183I-20180916

Tgt Ion: 63 Resp: 9502
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.0 2.0 5.8

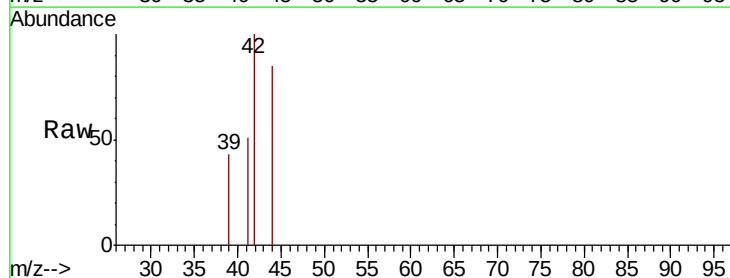


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0

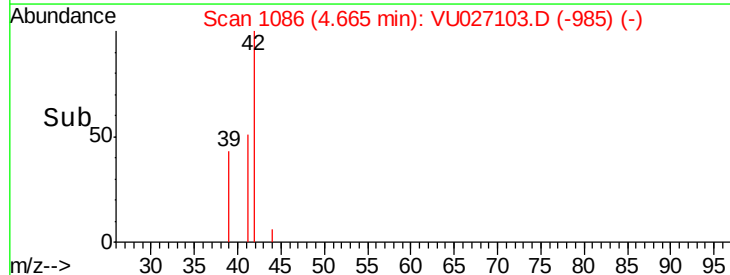
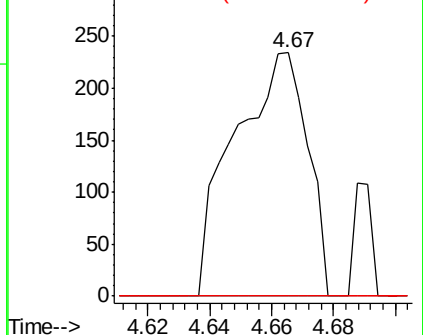


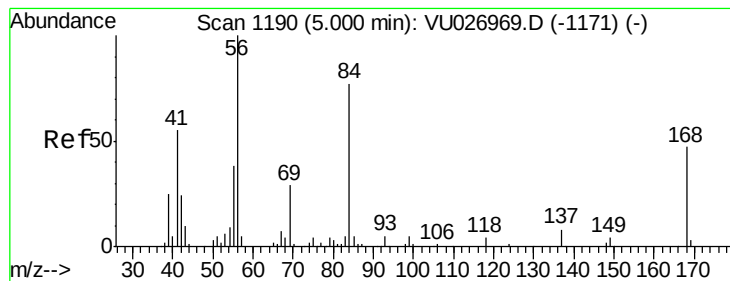
#29
 Tetrahydrofuran
 Concen: 0.394 ug/l
 RT: 4.67 min Scan# 1086
 Delta R.T. 0.03 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Tgt Ion: 42 Resp: 384
 Ion Ratio Lower Upper
 42 100
 72 0.0 31.7 47.5#
 71 0.0 29.6 44.4#



Abundance Ion 42.00 (41.70 to 42.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0





#31

Cyclohexane

Concen: 0.315 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VU027103.D

Acq: 24 Sep 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ183I-20180916

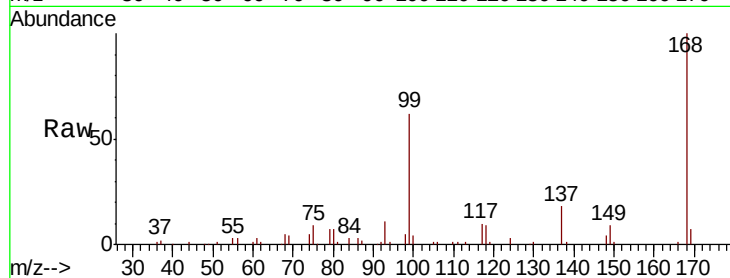
Tgt Ion: 56 Resp: 2536

Ion Ratio Lower Upper

56 100

69 163.0 23.0 34.4#

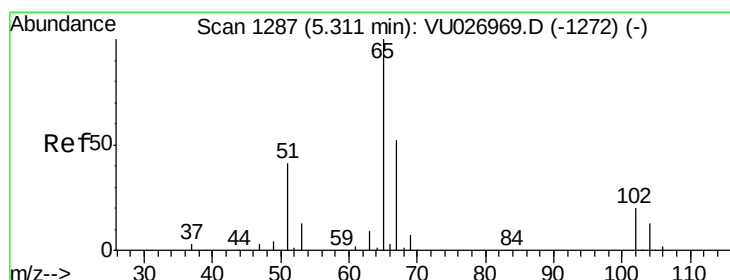
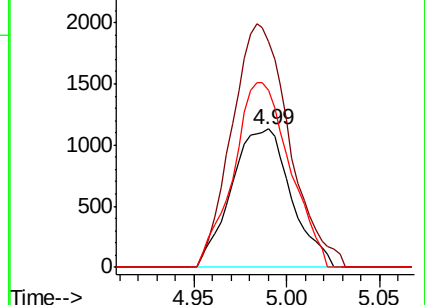
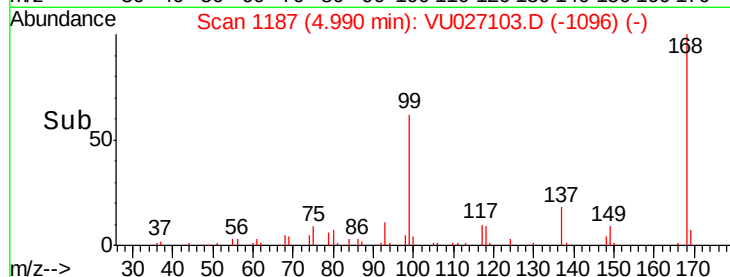
84 127.8 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU027103.D (-1096) (-)

Ion 69.00 (68.70 to 69.70): VU027103.D (-1096) (-)

Ion 84.00 (83.70 to 84.70): VU027103.D (-1096) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.991 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027103.D

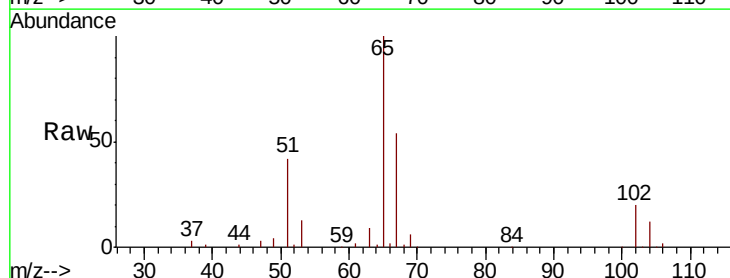
Acq: 24 Sep 2018 13:03

Tgt Ion: 65 Resp: 97869

Ion Ratio Lower Upper

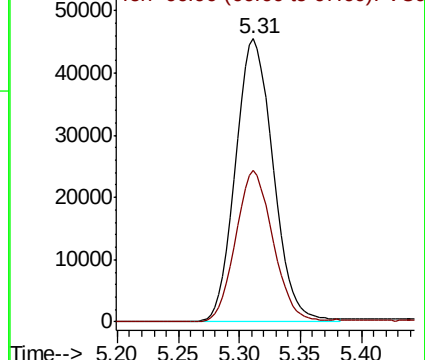
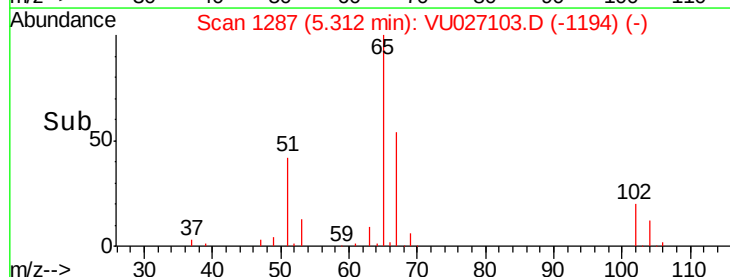
65 100

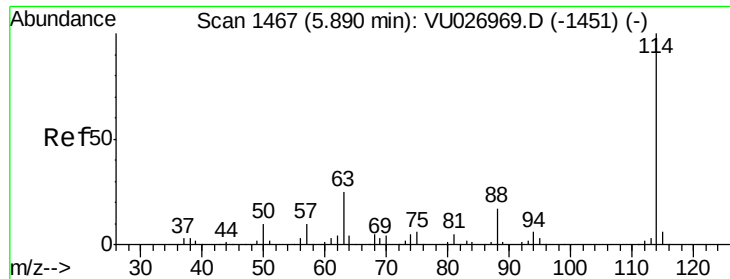
67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027103.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027103.D (-1194) (-)

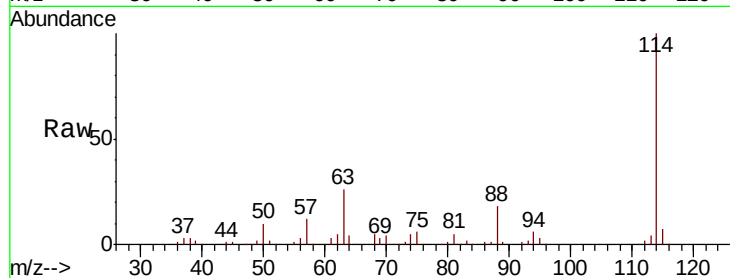




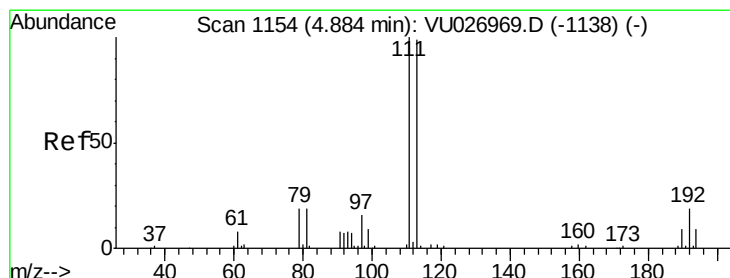
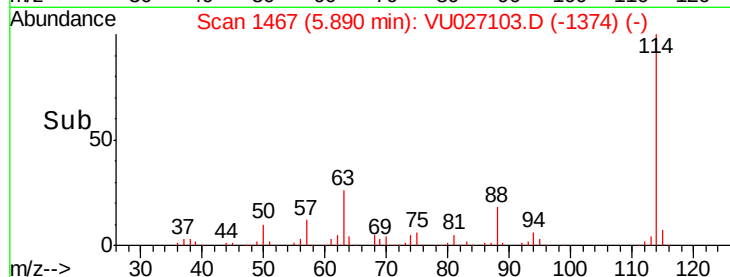
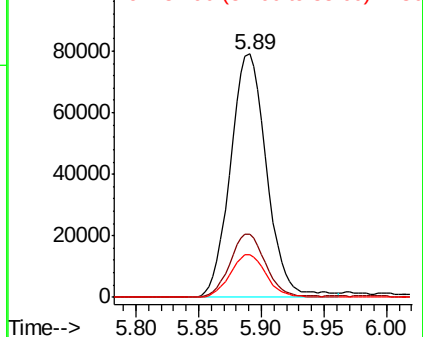
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ183I-20180916

Tgt Ion:114 Resp: 159504
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 49.2
 88 17.6 0.0 33.8

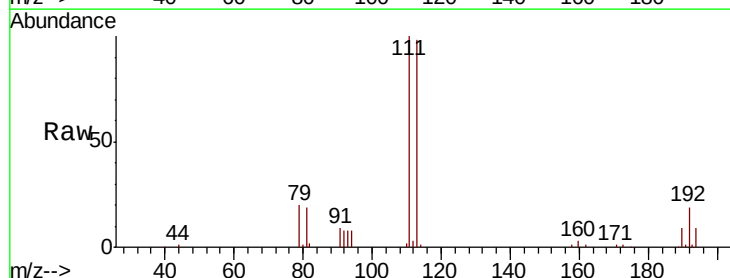


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

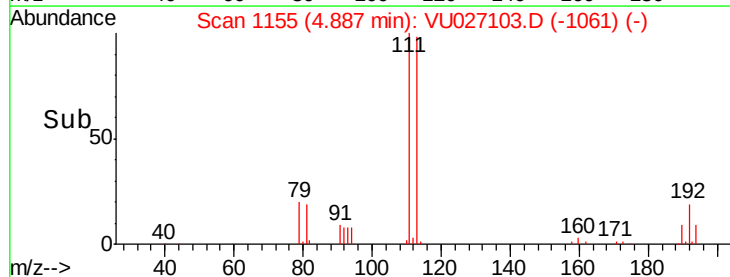
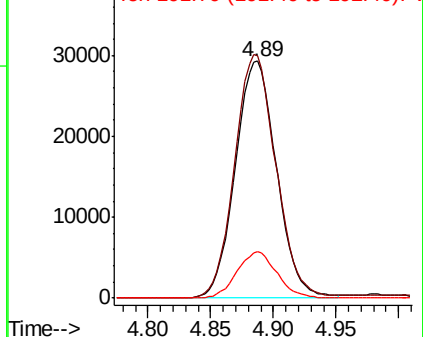


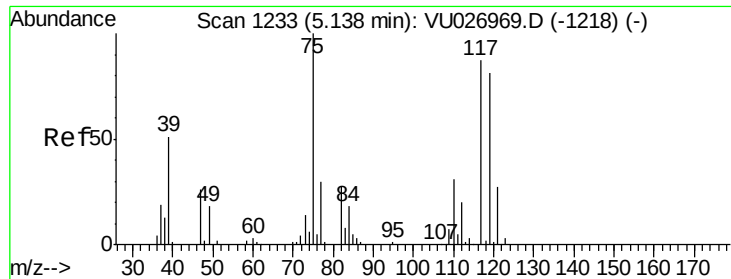
#35
 Dibromofluoromethane
 Concen: 48.503 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Tgt Ion:113 Resp: 67060
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.8 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

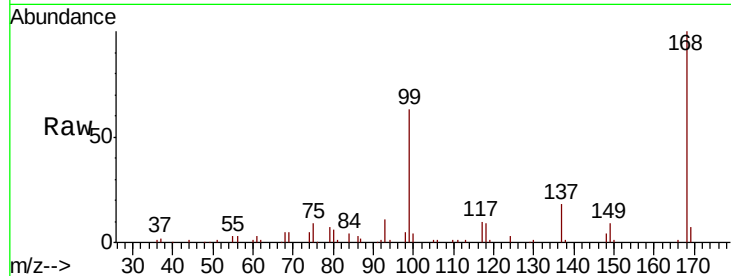




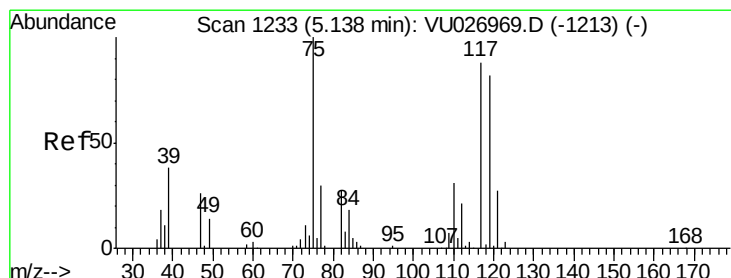
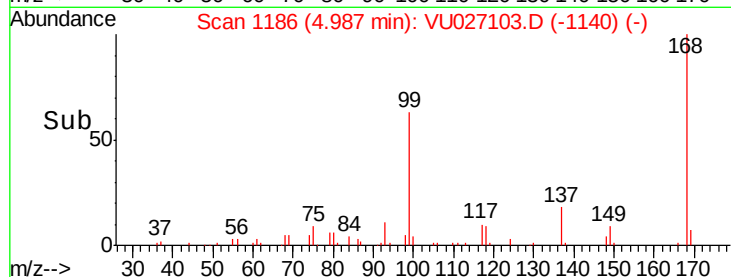
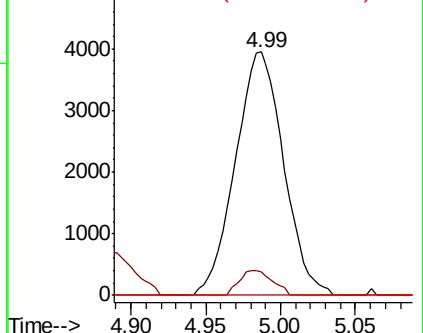
#36
 1,1-Dichloropropene
 Concen: 4.158 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ183I-20180916

Tgt Ion: 75 Resp: 8851
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.1 48.2#
 77 0.0 24.6 36.8#

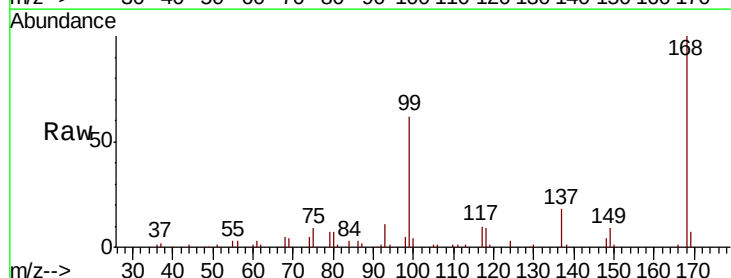


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

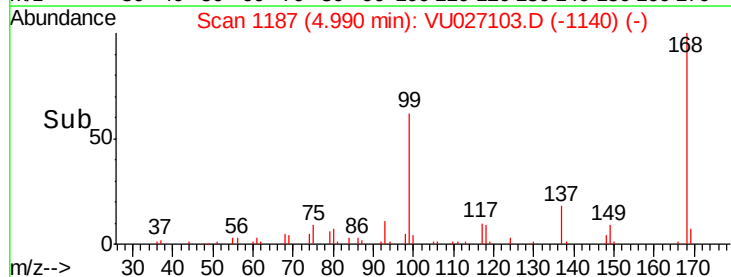
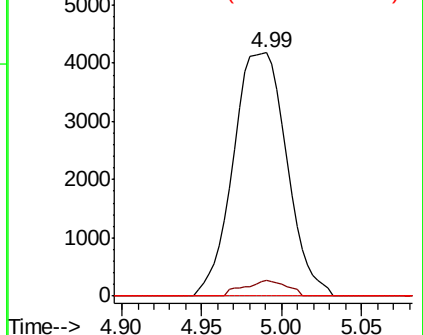


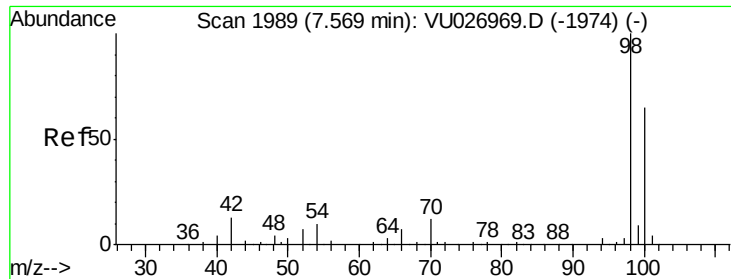
#38
 Carbon Tetrachloride
 Concen: 4.722 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Tgt Ion: 117 Resp: 9565
 Ion Ratio Lower Upper
 117 100
 119 6.5 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

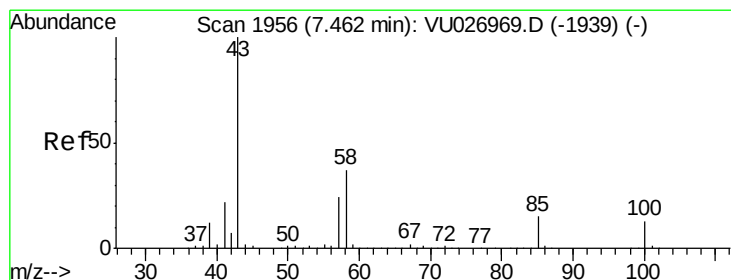
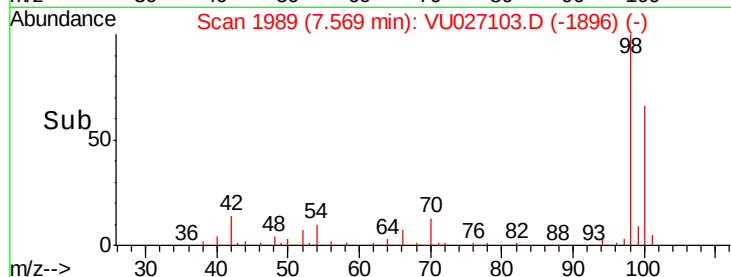
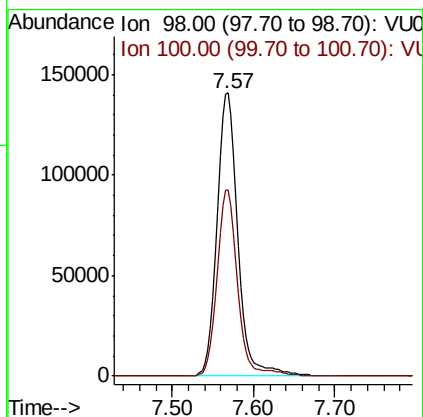
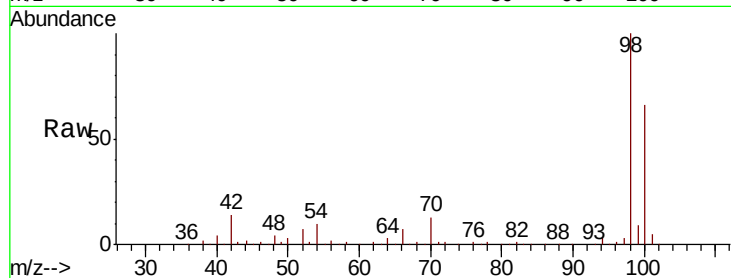




#50
Toluene-d8
Concen: 48.682 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

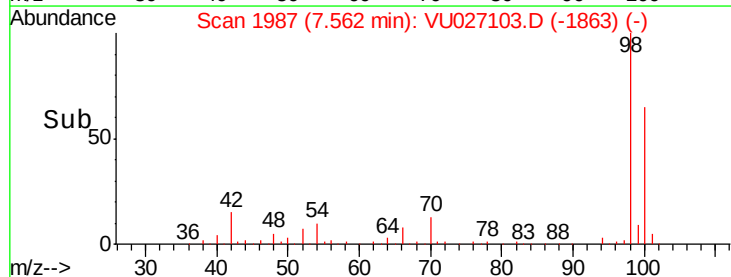
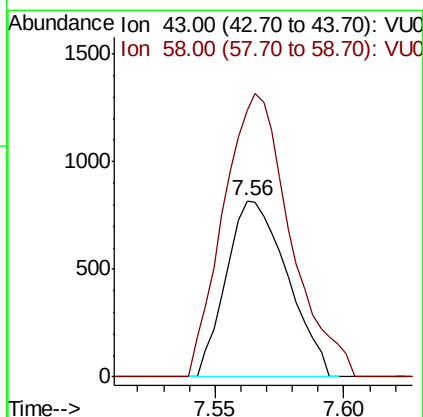
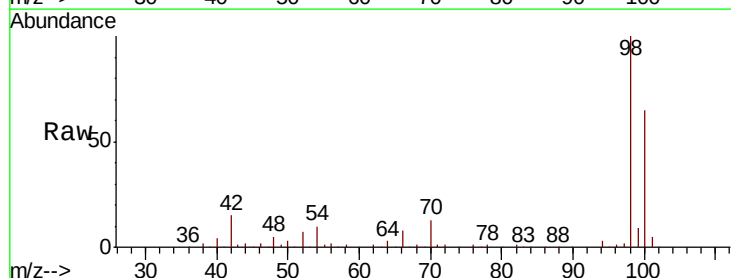
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ183I-20180916

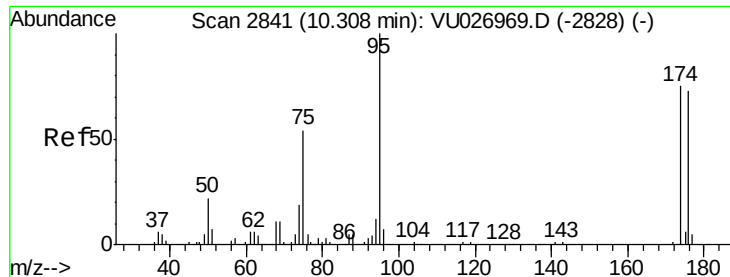
Tgt Ion: 98 Resp: 256510
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
58 176.0 29.8 44.6#

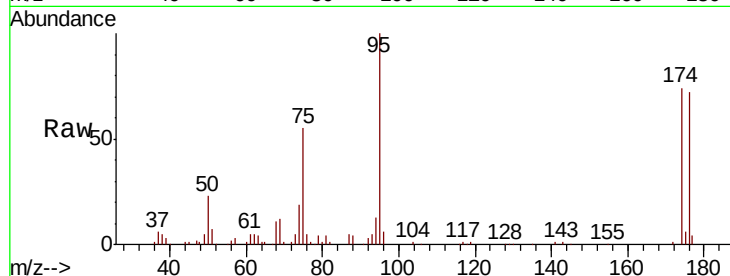




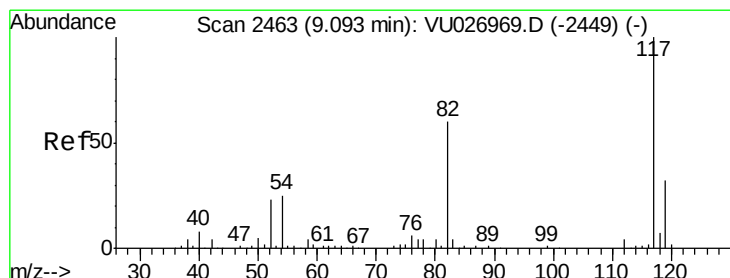
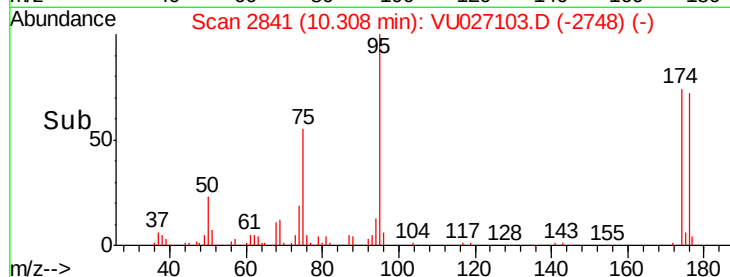
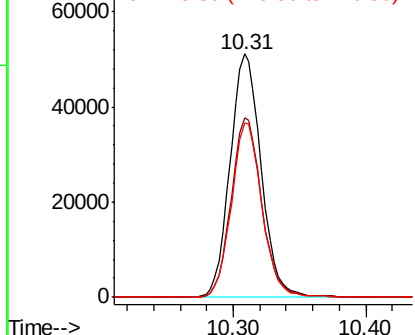
#62
 4-Bromofluorobenzene
 Concen: 46.048 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ183I-20180916

Tgt Ion: 95 Resp: 83255
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 150.2
 176 70.4 0.0 145.2

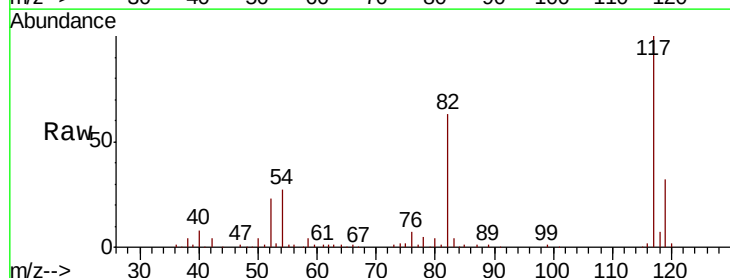


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

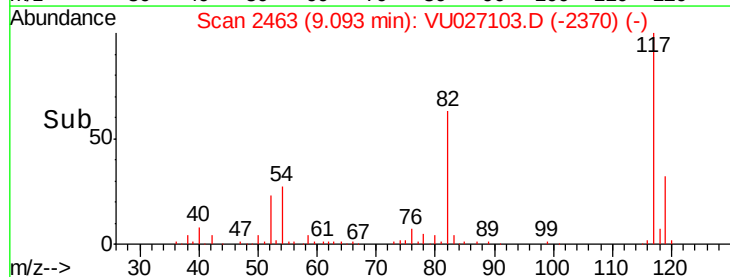
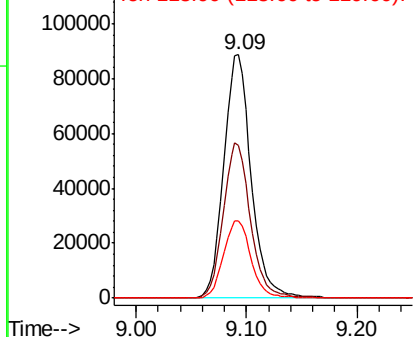


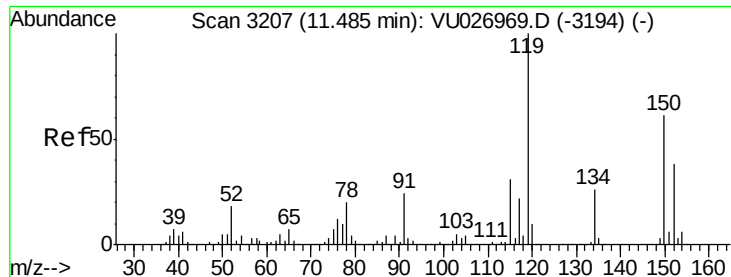
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027103.D
 Acq: 24 Sep 2018 13:03

Tgt Ion: 117 Resp: 152842
 Ion Ratio Lower Upper
 117 100
 82 62.6 48.0 72.0
 119 31.9 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) (-)



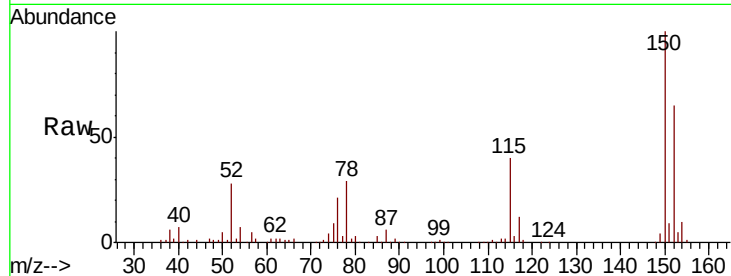


#72

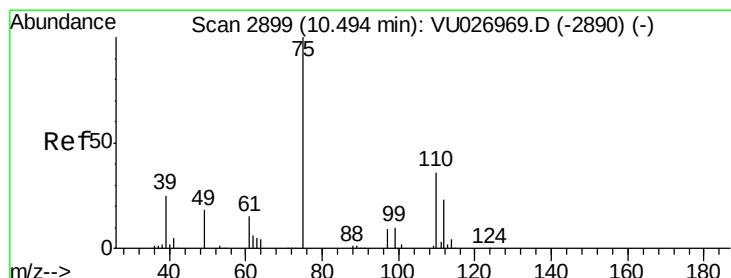
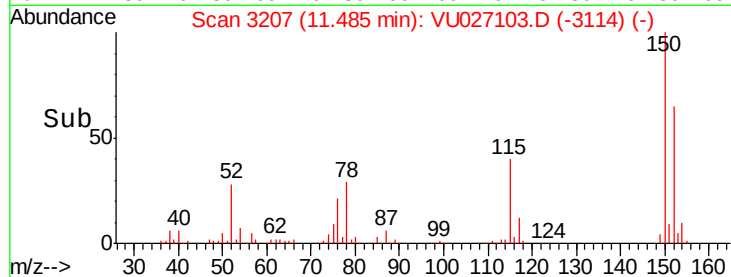
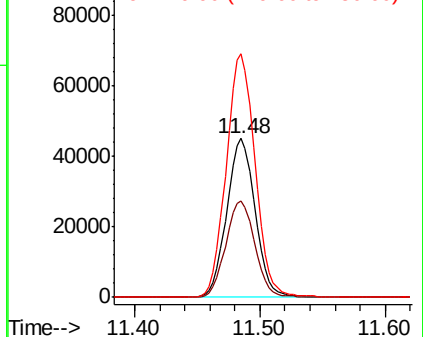
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ183I-20180916

Tgt Ion: 152 Resp: 70871
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 155.8 0.0 355.8



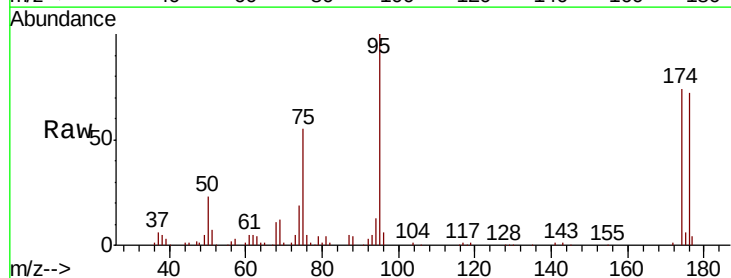
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



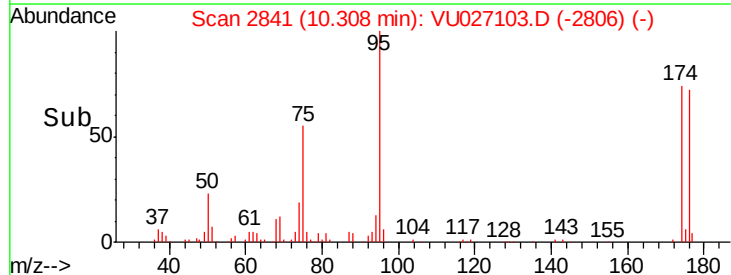
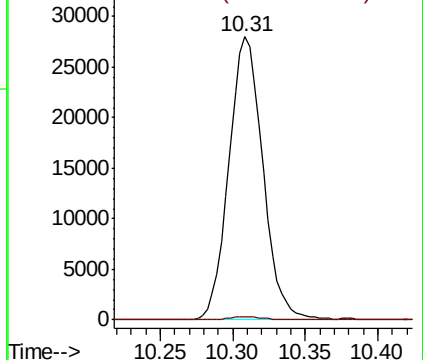
#76

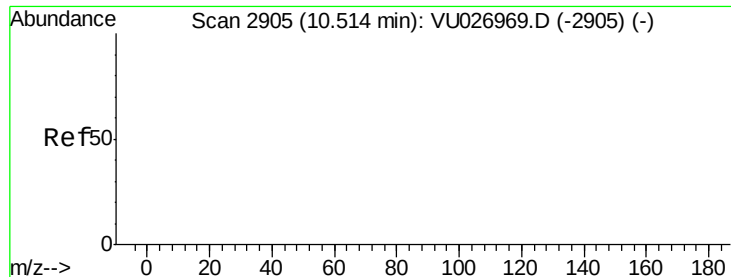
1,2,3-Trichloropropane
Concen: 21.128 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027103.D
Acq: 24 Sep 2018 13:03

Tgt Ion: 75 Resp: 45489
Ion Ratio Lower Upper
75 100
77 1.1 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: 67.613 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027103.D

Acq: 24 Sep 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ183I-20180916

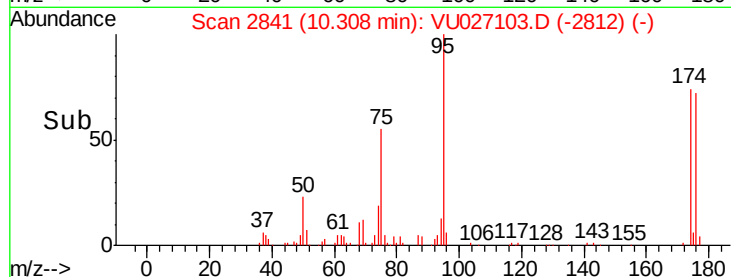
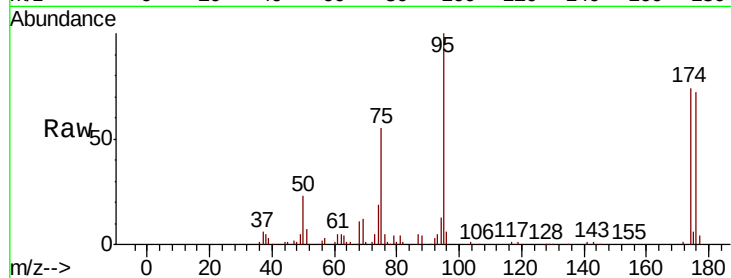
Tgt Ion: 75 Resp: 45489

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

