

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027245.D
 Acq On : 27 Sep 2018 23:42
 Operator : MD/SY
 Sample : J5033-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180918

Quant Time: Sep 28 03:43:00 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	88467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68071	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	96625	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
35) Dibromofluoromethane	4.88	113	67079	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	7.57	98	246311	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	10.31	95	78025	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	

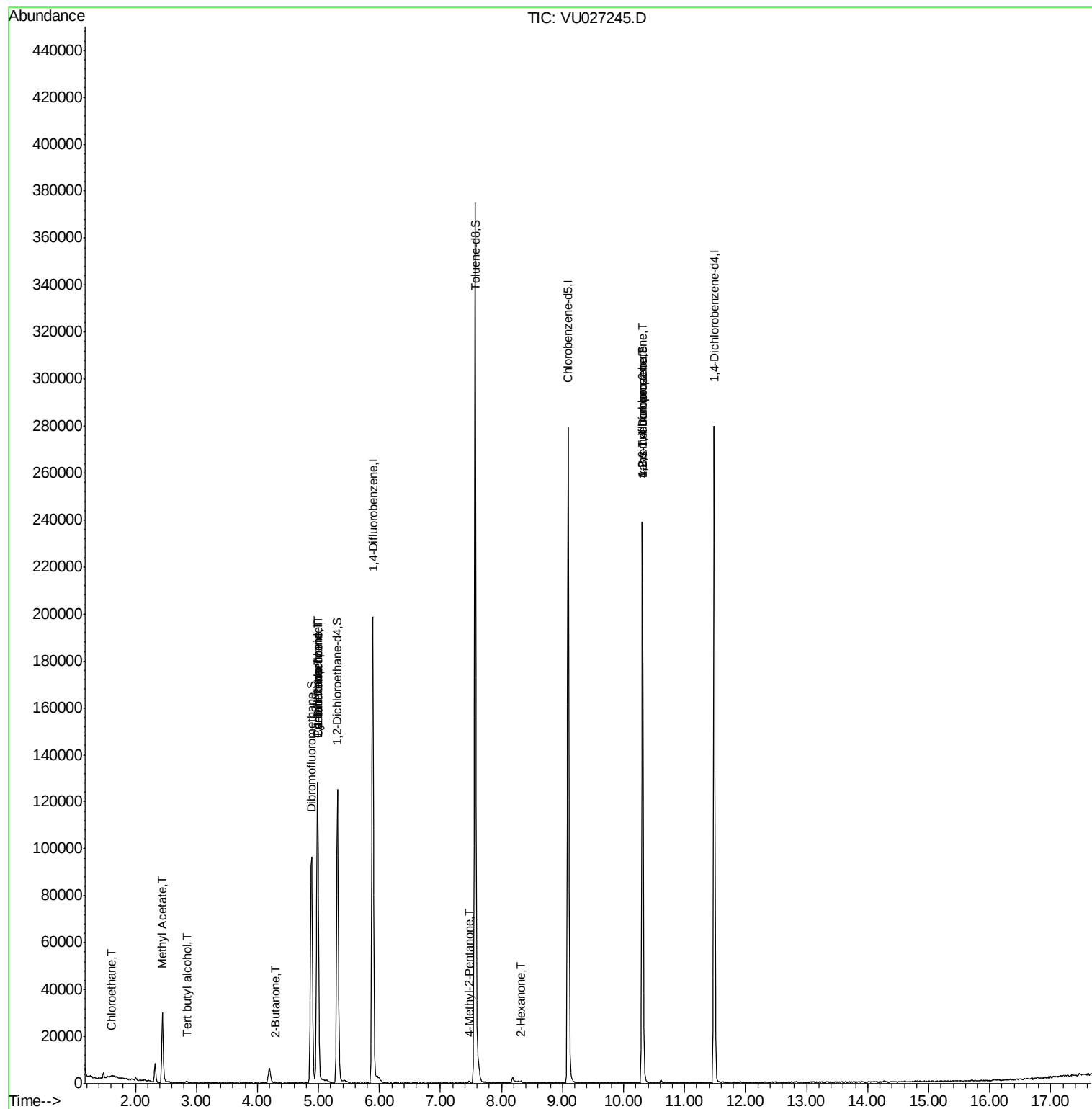
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.61	64	1286	1.083	ug/l #	43
11) Tert butyl alcohol	2.84	59	809	1.982	ug/l #	72
16) Acetone	2.32	43	8636	Below Cal		95
18) Methyl Acetate	2.44	43	8081	3.189	ug/l #	55
25) 2-Butanone	4.29	43	334	0.223	ug/l #	53
31) Cyclohexane	4.98	56	2119	0.226	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8535	4.145	ug/l #	47
38) Carbon Tetrachloride	4.99	117	9480	4.838	ug/l #	18
51) 4-Methyl-2-Pentanone	7.47	43	711	0.260	ug/l #	70
59) 2-Hexanone	8.31	43	828	0.387	ug/l #	26
76) 1,2,3-Trichloropropane	10.31	75	42048	20.333	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42048	65.069	ug/l #	100

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

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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: VU027245.D

Acq: 27 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

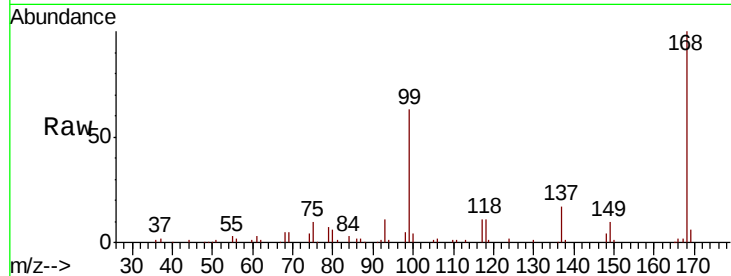
BP-TT-SW4002-20180918

Tot Ion:168 Resp: 88467

Ion Ratio Lower Upper

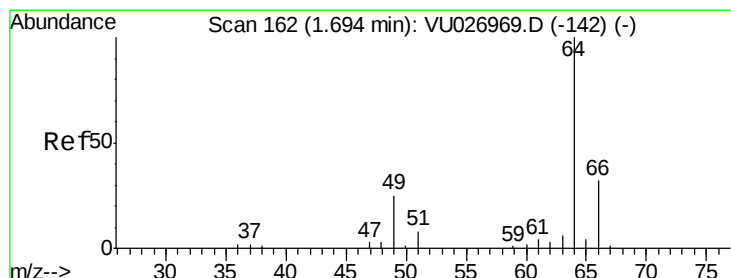
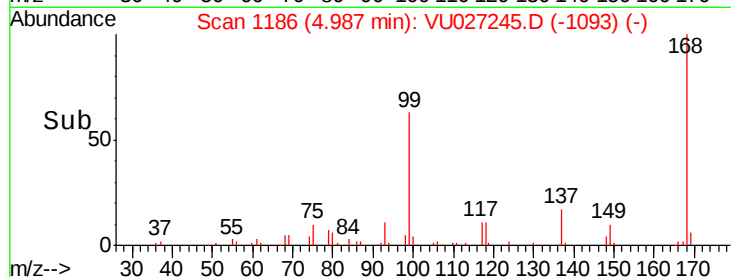
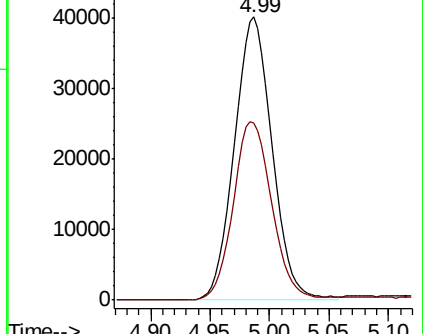
168 100

99 62.5 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) (-)



#6

Chloroethane

Concen: 1.083 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.08 min

Lab File: VU027245.D

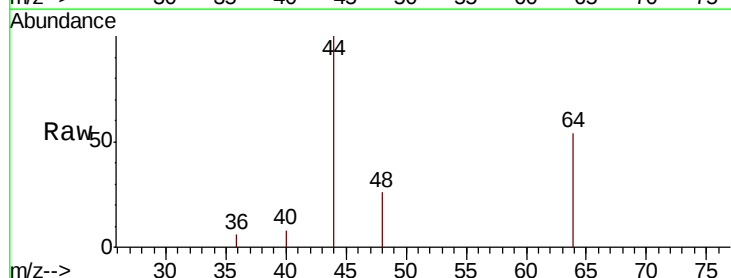
Acq: 27 Sep 2018 23:42

Tgt Ion: 64 Resp: 1286

Ion Ratio Lower Upper

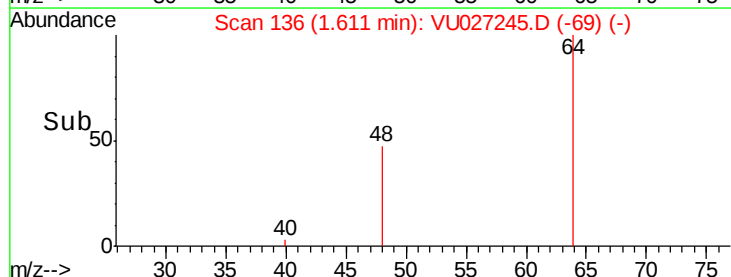
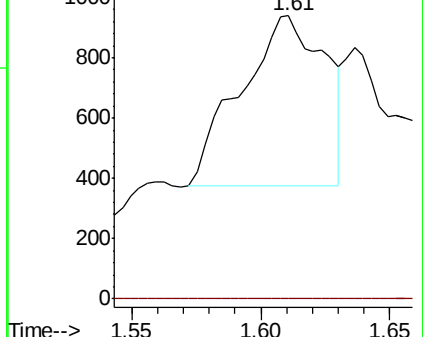
64 100

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) (-)





#11

Tert butyl alcohol

Concen: 1.982 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU027245.D

Acq: 27 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

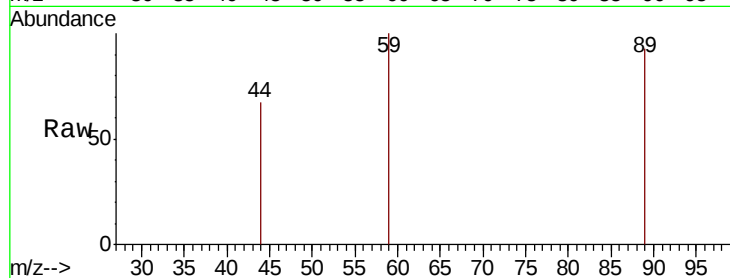
BP-TT-SW4002-20180918

Tot Ion: 59 Resp: 809

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU027245.D (-422) (-)

Ion 57.00 (56.70 to 57.70): VU027245.D (-422) (-)

2.84

400

300

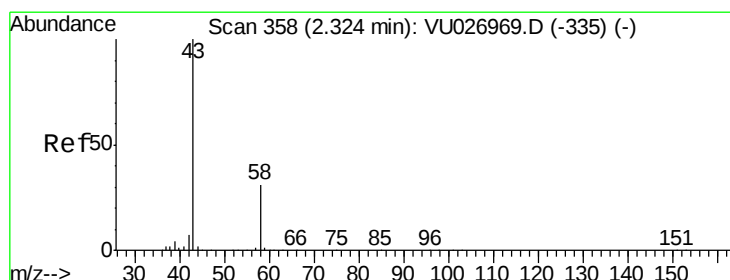
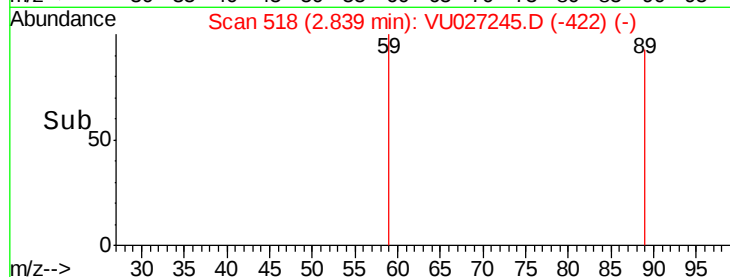
200

100

0

2.80 2.85

Time-->



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027245.D

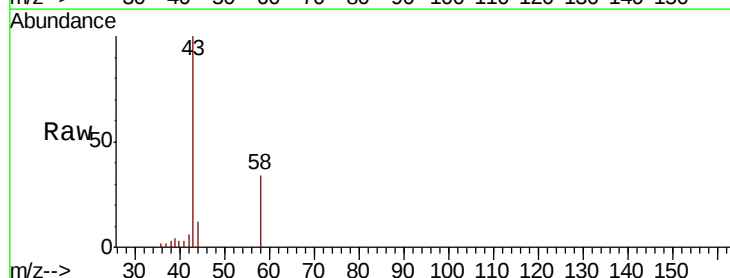
Acq: 27 Sep 2018 23:42

Tgt Ion: 43 Resp: 8636

Ion Ratio Lower Upper

43 100

58 33.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027245.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027245.D (-265) (-)

2.32

6000

5000

4000

3000

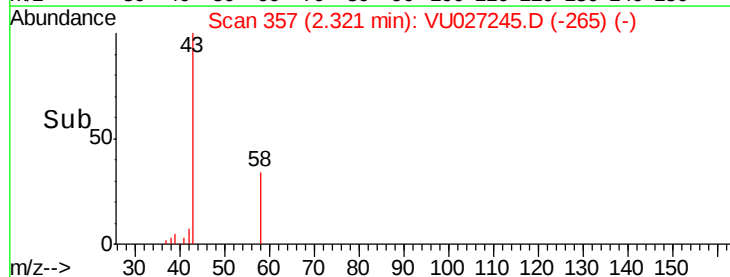
2000

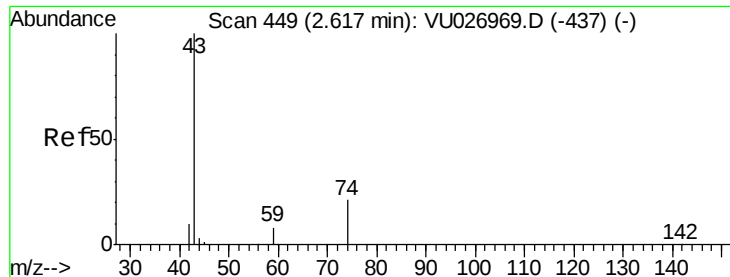
1000

0

2.25 2.30 2.35 2.40

Time-->

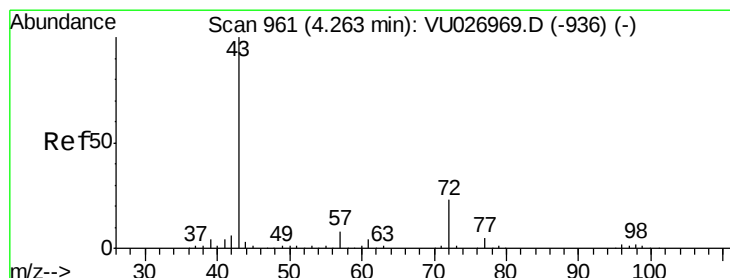
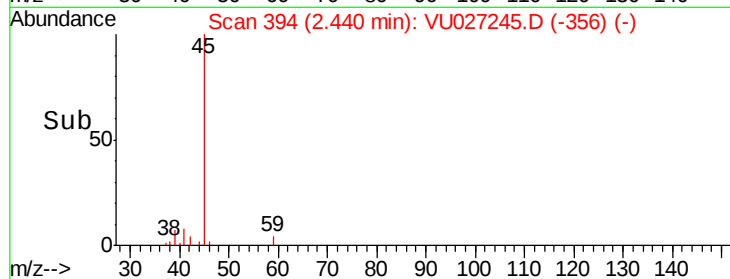
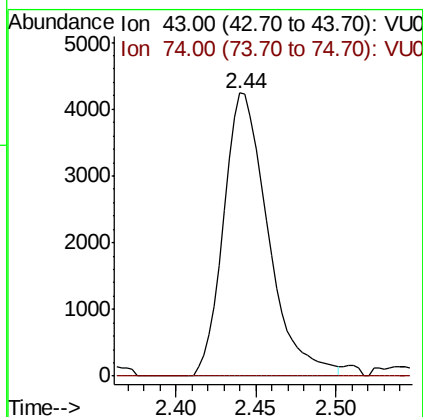
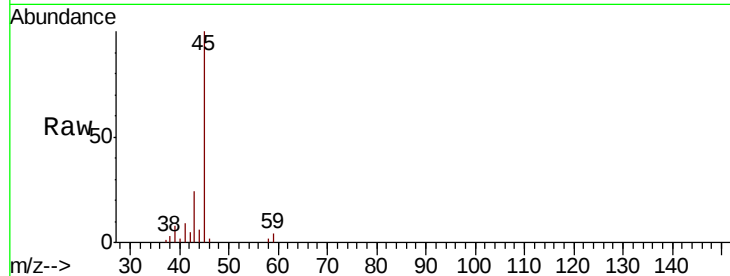




#18
Methyl Acetate
Concen: 3.189 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

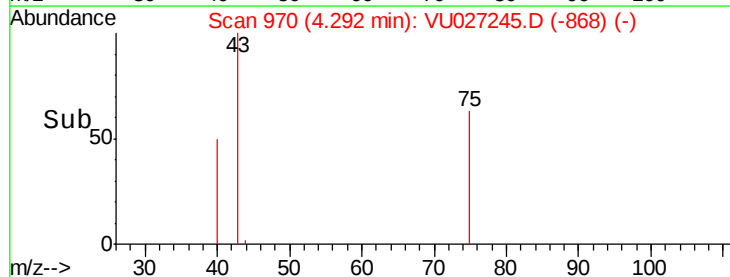
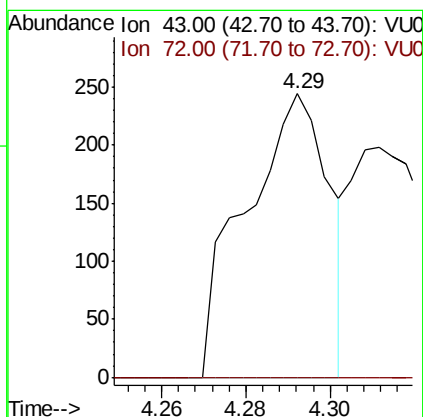
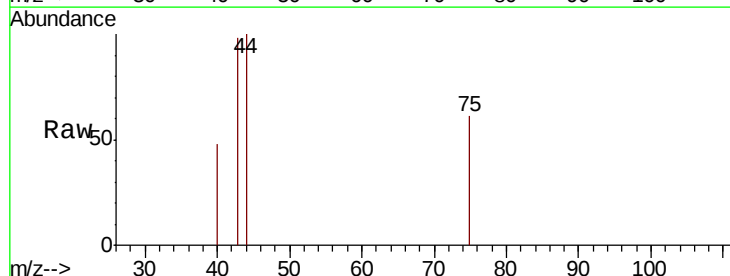
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180918

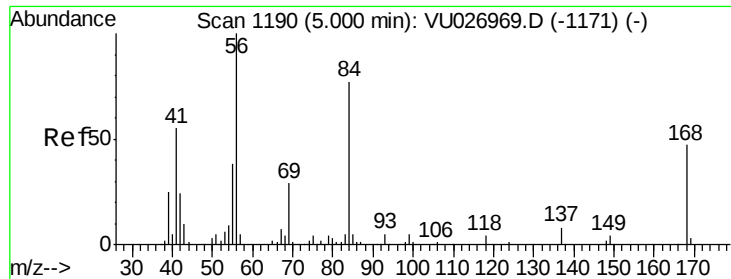
Tot Ion: 43 Resp: 8081
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#25
2-Butanone
Concen: 0.223 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.03 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#

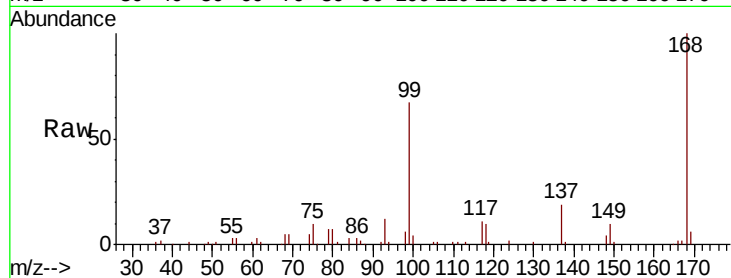




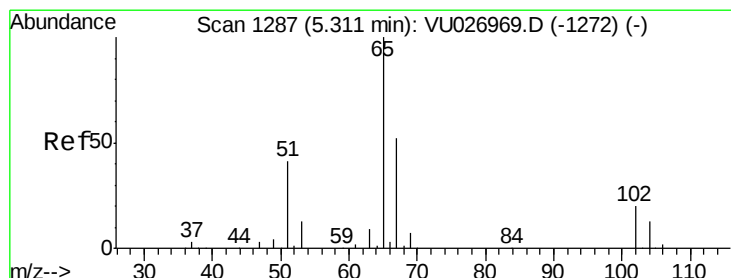
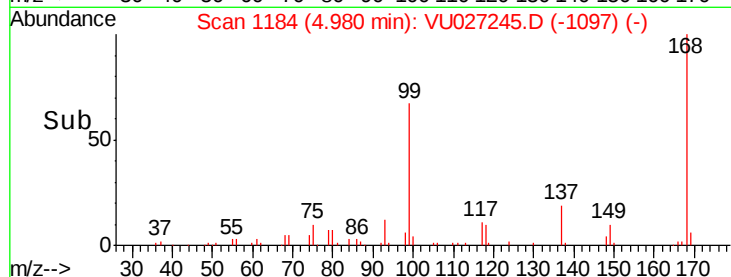
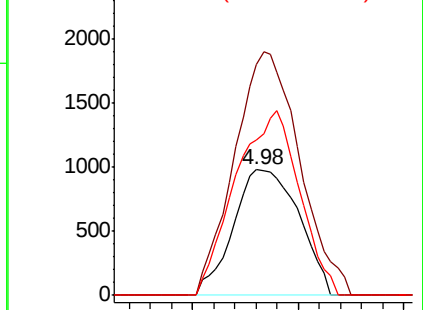
#31
Cyclohexane
Concen: 0.226 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180918

Tot Ion: 56 Resp: 2119
Ion Ratio Lower Upper
56 100
69 183.8 23.0 34.4#
84 123.8 61.4 92.2#

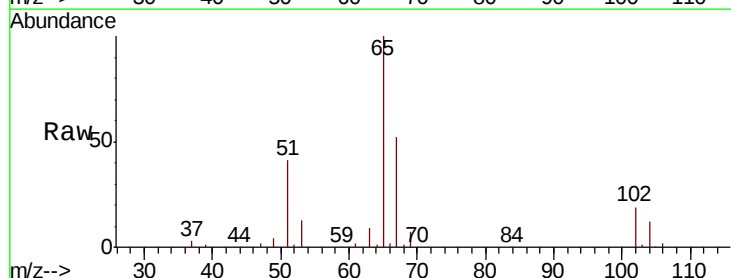


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

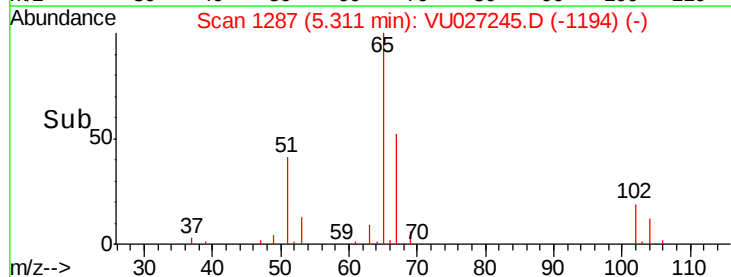
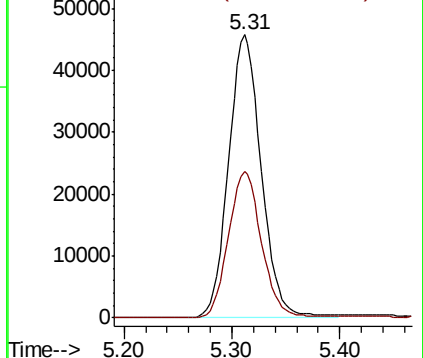


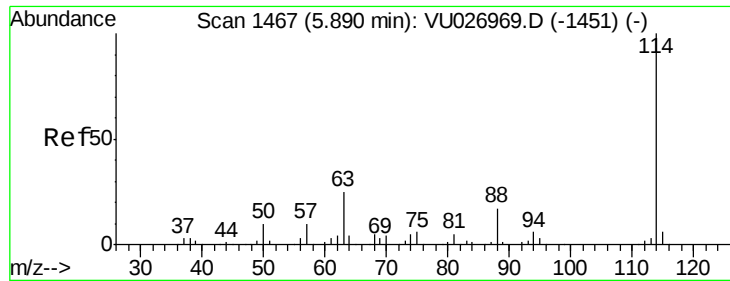
#33
1,2-Dichloroethane-d4
Concen: 54.267 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Tgt Ion: 65 Resp: 96625
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



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

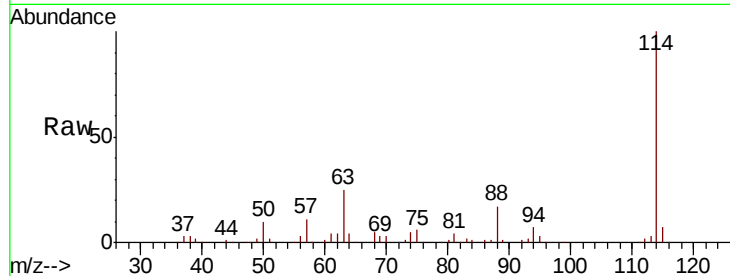




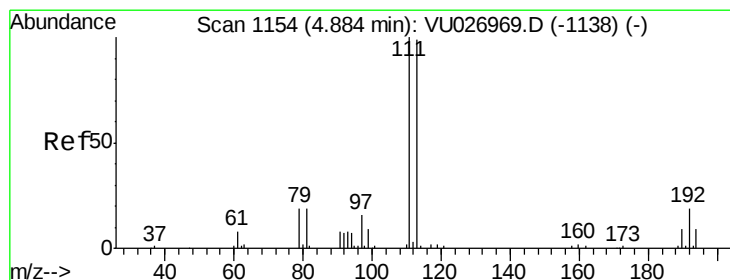
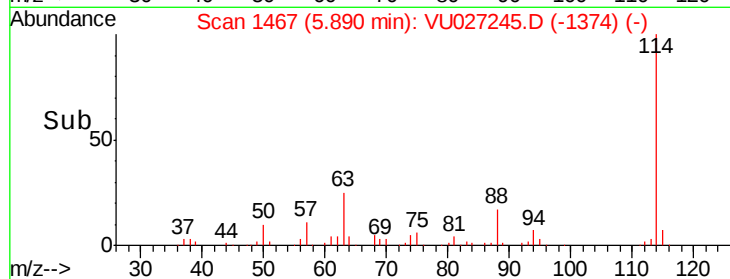
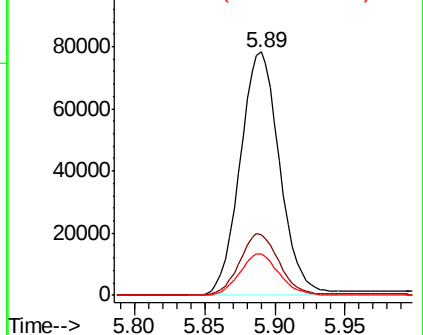
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027245.D
 Acq: 27 Sep 2018 23:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180918

Tot Ion:114 Resp: 154298
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.9 0.0 33.8

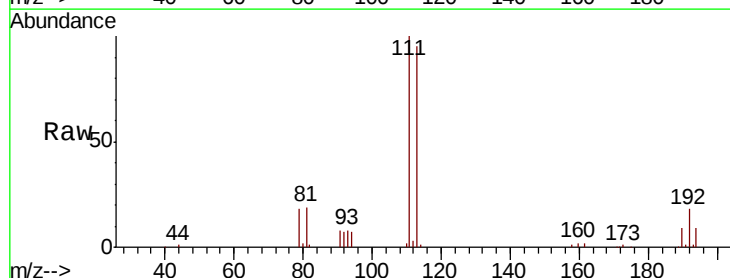


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

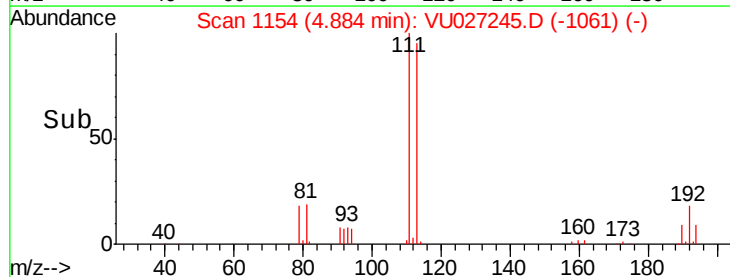
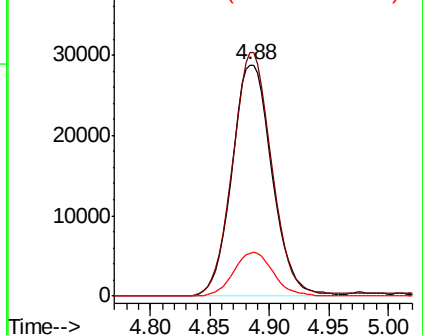


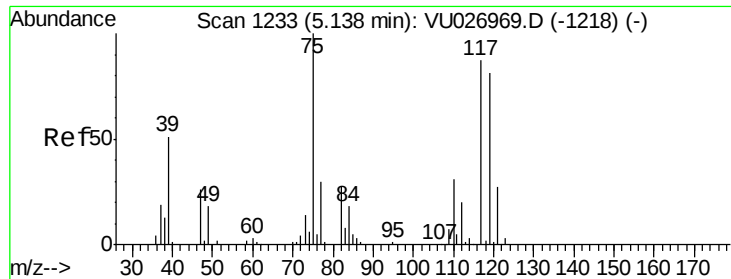
#35
 Dibromofluoromethane
 Concen: 50.154 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027245.D
 Acq: 27 Sep 2018 23:42

Tgt Ion:113 Resp: 67079
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.6 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

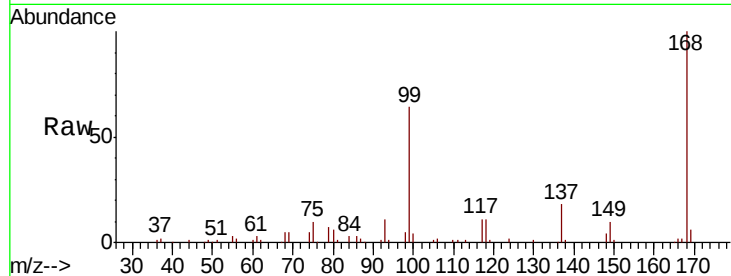




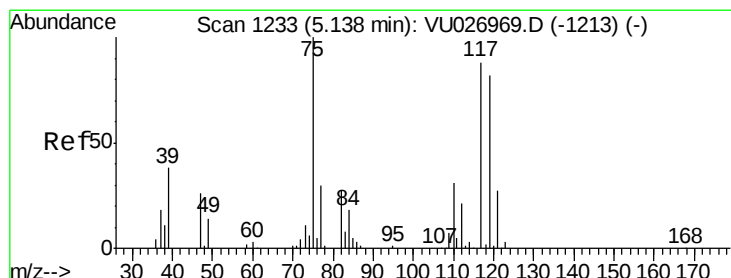
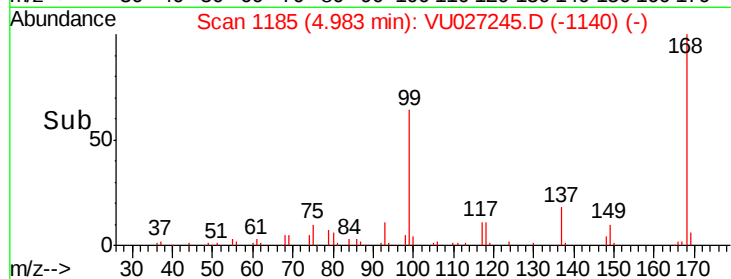
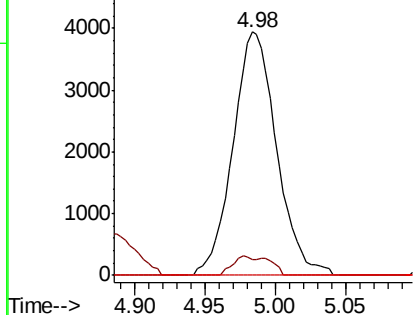
#36
 1,1-Dichloropropene
 Concen: 4.145 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027245.D
 Acq: 27 Sep 2018 23:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180918

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.2	16.1	48.2#
77	0.0	24.6	36.8#

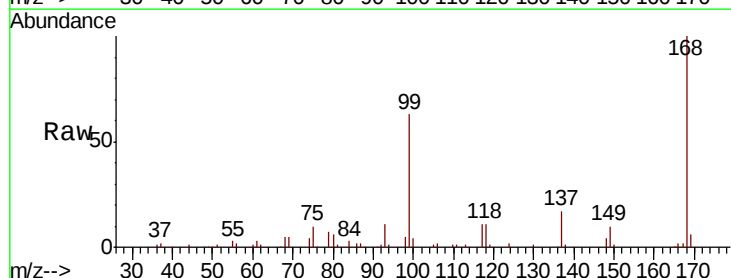


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

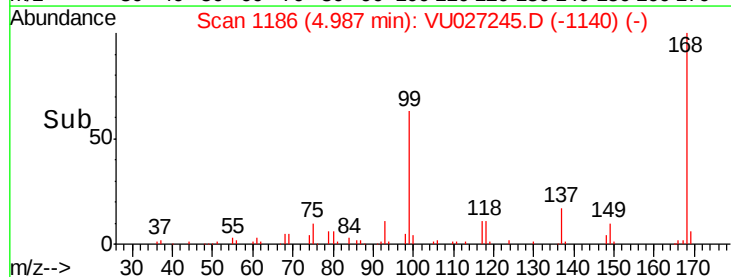
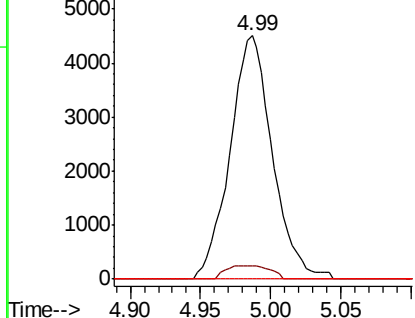


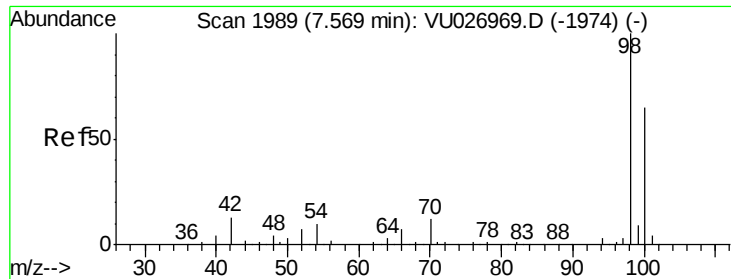
#38
 Carbon Tetrachloride
 Concen: 4.838 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027245.D
 Acq: 27 Sep 2018 23:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	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: 48.324 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027245.D

Acq: 27 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

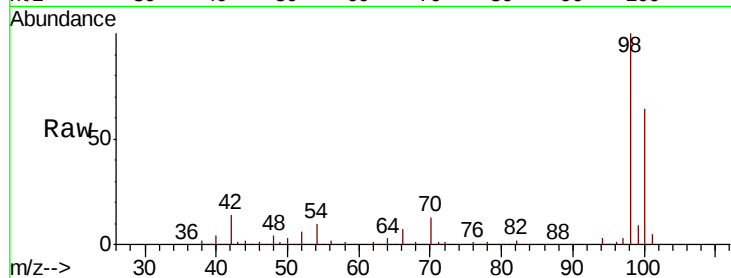
BP-TT-SW4002-20180918

Tot Ion: 98 Resp: 246311

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

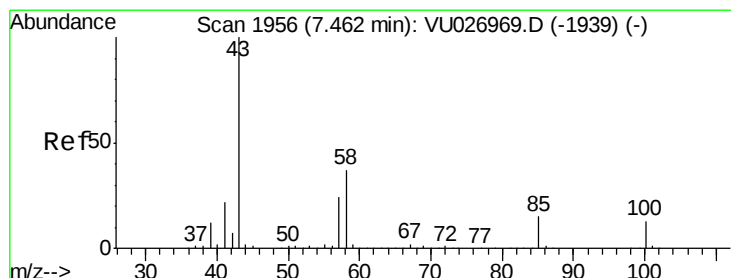
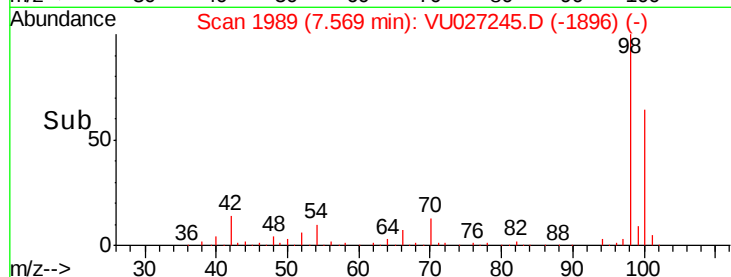
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.260 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027245.D

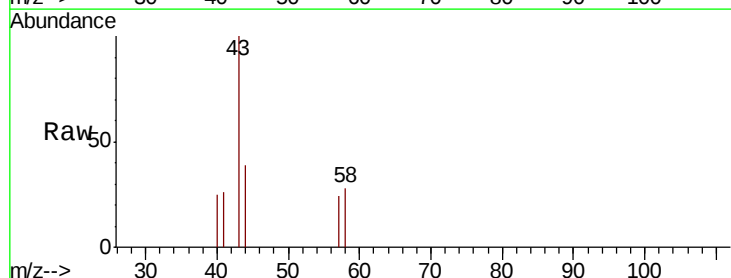
Acq: 27 Sep 2018 23:42

Tgt Ion: 43 Resp: 711

Ion Ratio Lower Upper

43 100

58 19.4 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) (-)

7.47

500

400

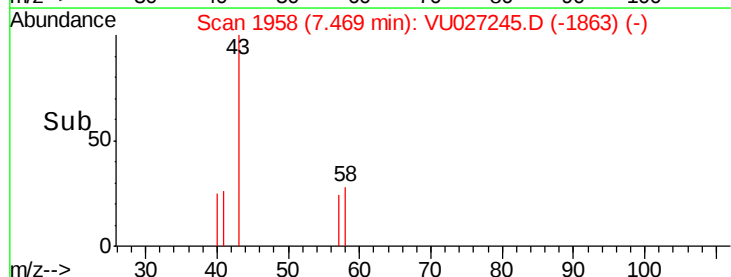
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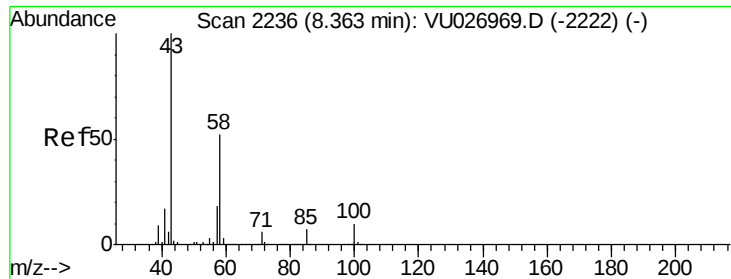
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100

0

Time-->

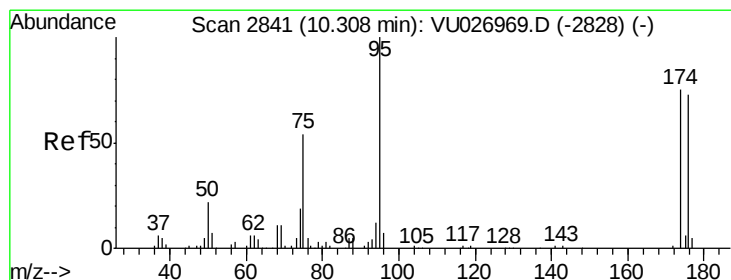
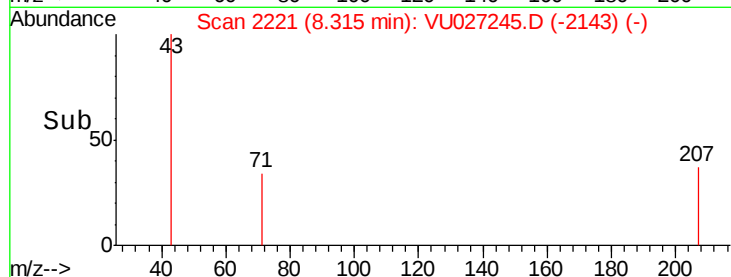
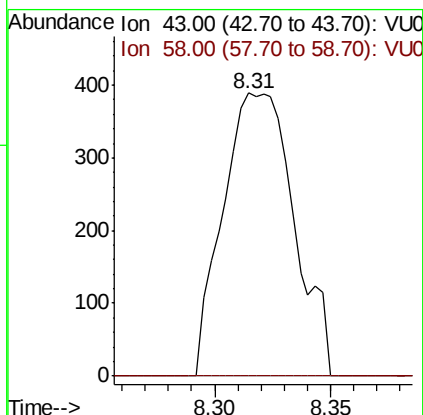
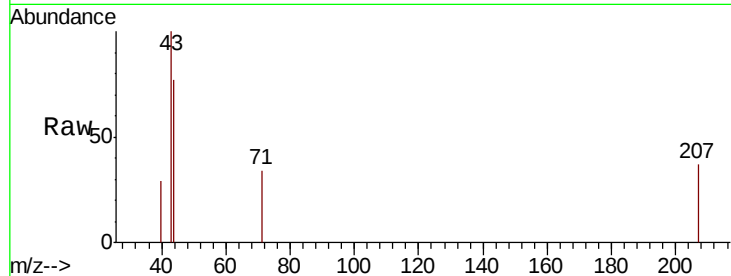




#59
2-Hexanone
Concen: 0.387 ug/l
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

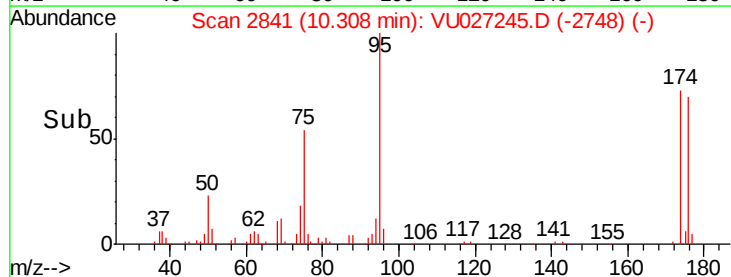
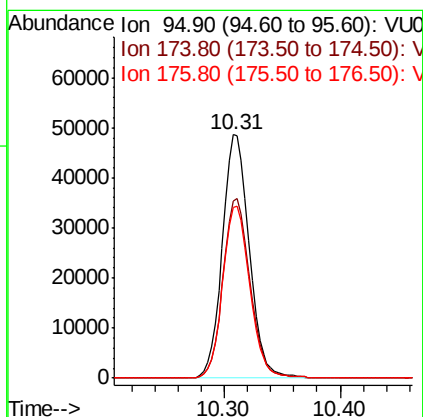
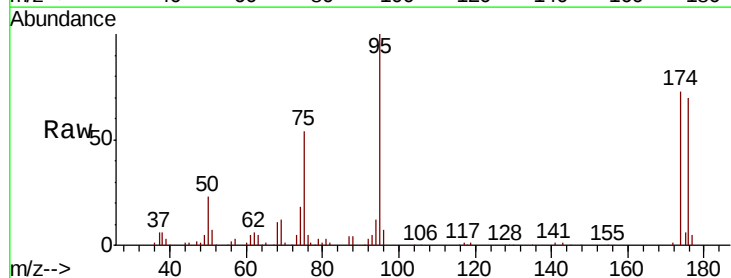
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180918

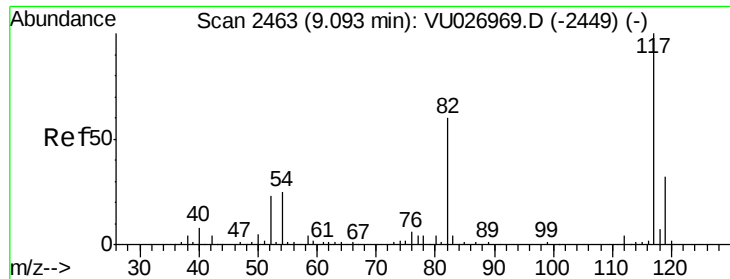
Tot Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#



#62
4-Bromofluorobenzene
Concen: 44.612 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Tgt Ion: 95 Resp: 78025
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 71.2 0.0 145.2

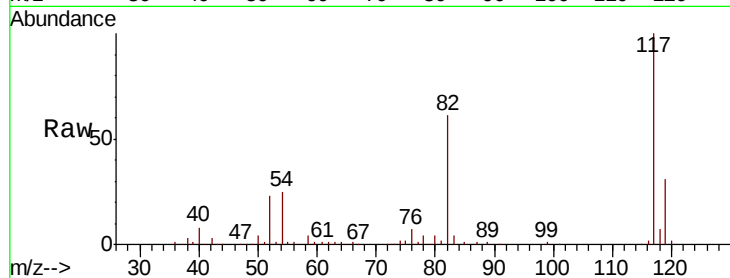




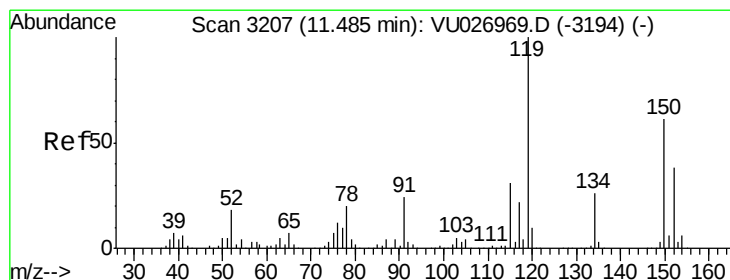
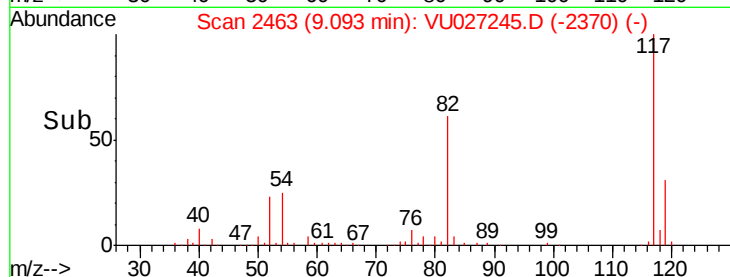
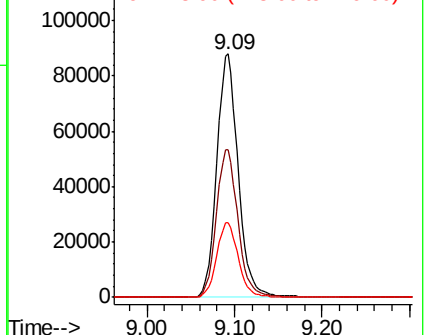
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180918

Tot Ion:117 Resp: 149077
Ion Ratio Lower Upper
117 100
82 60.7 48.0 72.0
119 30.9 25.8 38.8

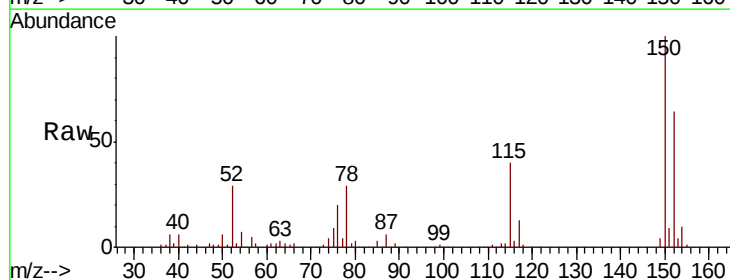


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

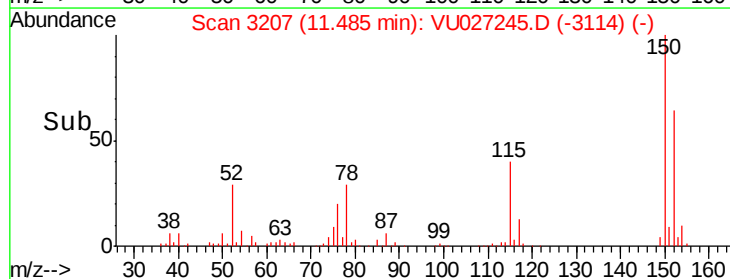
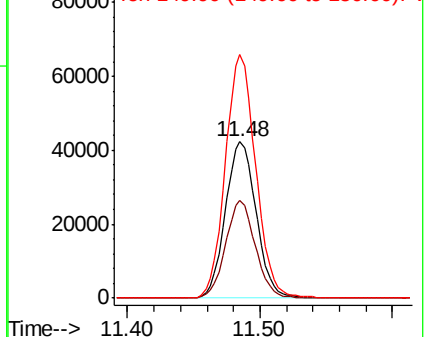


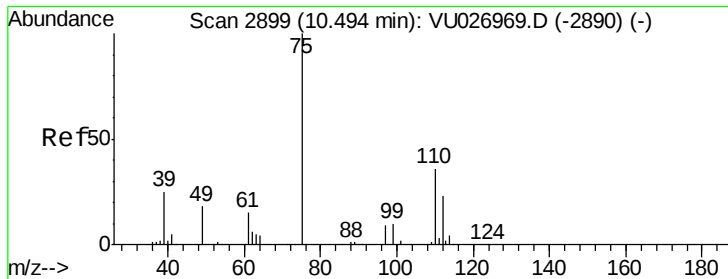
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027245.D
Acq: 27 Sep 2018 23:42

Tgt Ion:152 Resp: 68071
Ion Ratio Lower Upper
152 100
115 60.4 44.9 134.5
150 154.3 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: 20.333 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027245.D

Acq: 27 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

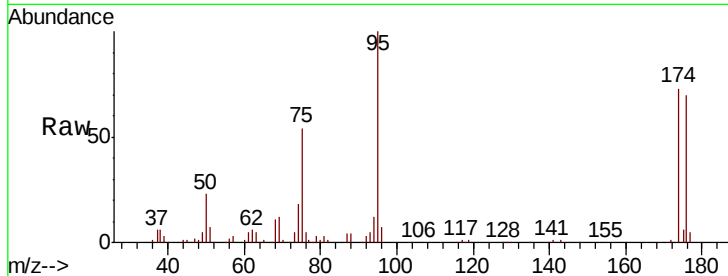
BP-TT-SW4002-20180918

Tot Ion: 75 Resp: 42048

Ion Ratio Lower Upper

75 100

77 0.7 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

25000

20000

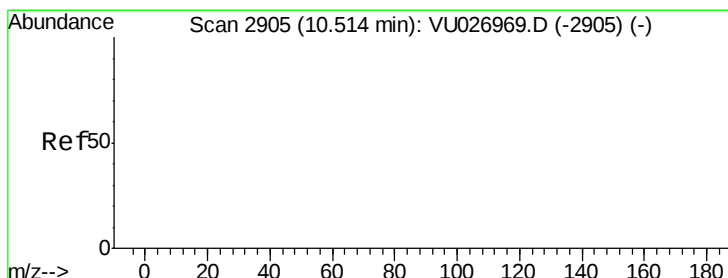
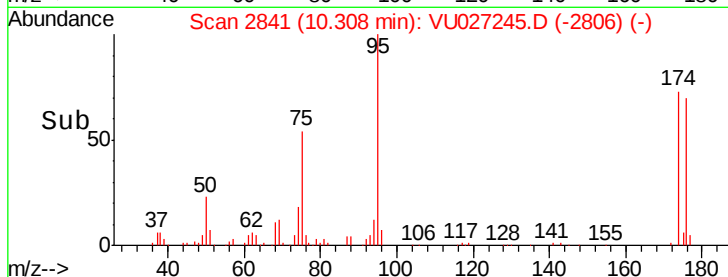
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 65.069 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027245.D

Acq: 27 Sep 2018 23:42

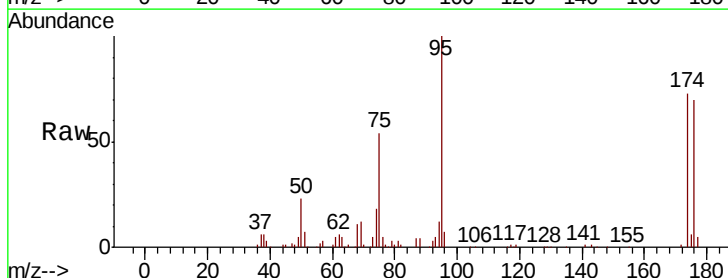
Tgt Ion: 75 Resp: 42048

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

10.31

30000

20000

10000

0

Time-->

