

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002572.D
 Acq On : 16 May 2018 02:13
 Operator : JC/SY
 Sample : J2898-06
 Misc : 4.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-06

Quant Time: May 16 05:53:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	133125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57841	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	80	0.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.14%	
50) Toluene-d8	10.33	98	158399	37.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.68%	
62) 4-Bromofluorobenzene	12.63	95	45680	29.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.90%	

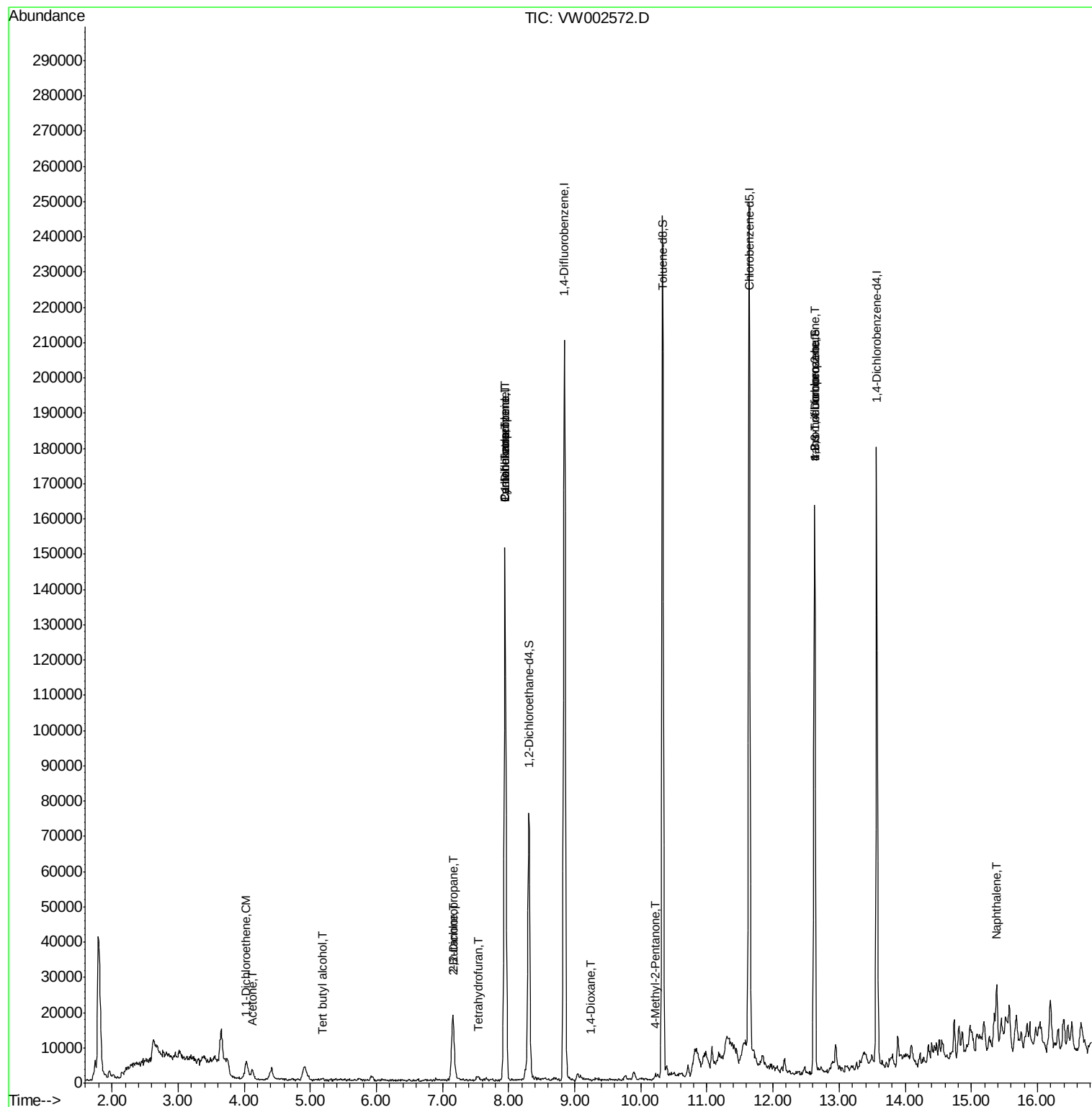
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	399	4.35	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	3357	3.48	ug/l	94
16) Acetone	4.13	43	4816	19.12	ug/l	96
20) Methylene Chloride	4.90	84	1477	Below Cal		87
25) 2-Butanone	7.17	43	2054	5.77	ug/l #	76
26) 2,2-Dichloropropane	7.17	77	1520	1.42	ug/l #	51
29) Tetrahydrofuran	7.53	42	589	2.65	ug/l #	85
31) Cyclohexane	7.94	56	2505	1.48	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	8886	5.73	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11210	7.38	ug/l #	19
49) 1,4-Dioxane	9.24	88	48	4.46	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	1160	1.43	ug/l #	84
76) 1,2,3-Trichloropropane	12.63	75	24567	55.99	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	24567	152.65	ug/l #	8
95) Naphthalene	15.38	128	13509	7.62	ug/l #	94

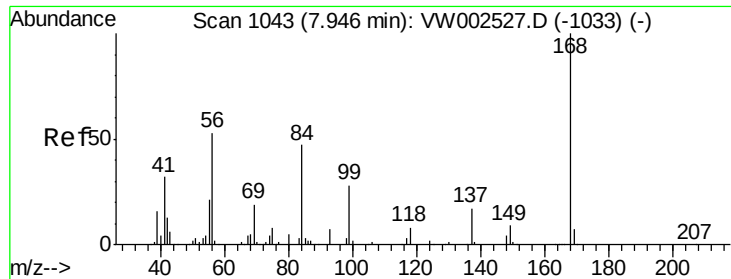
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
Data File : VW002572.D
Acq On : 16 May 2018 02:13
Operator : JC/SY
Sample : J2898-06
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-06

Quant Time: May 16 05:53:02 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

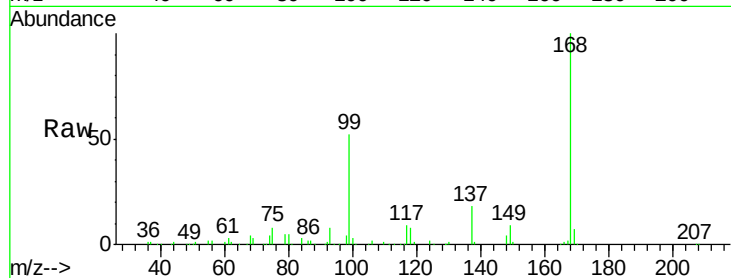
SP-06

Tgt Ion:168 Resp: 115443

Ion Ratio Lower Upper

168 100

99 51.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

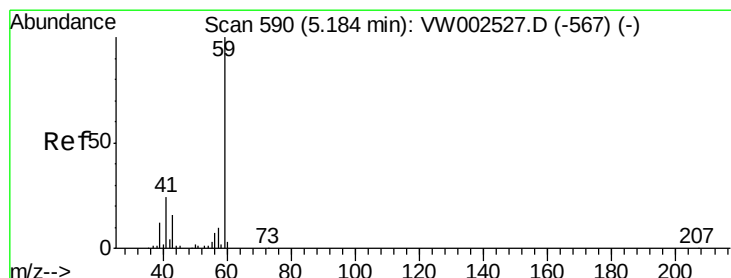
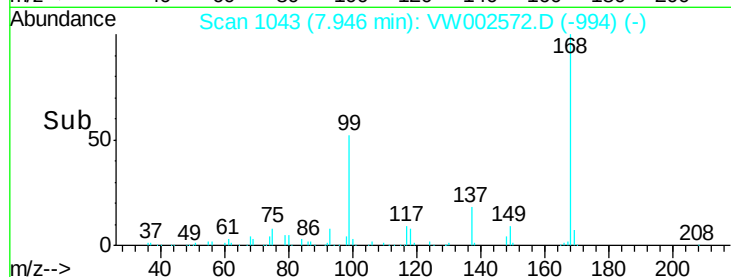
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.35 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002572.D

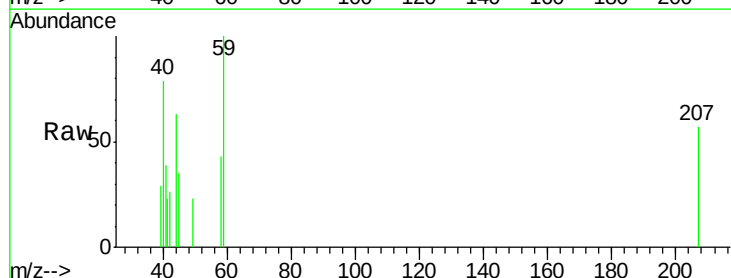
Acq: 16 May 2018 02:13

Tgt Ion: 59 Resp: 399

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

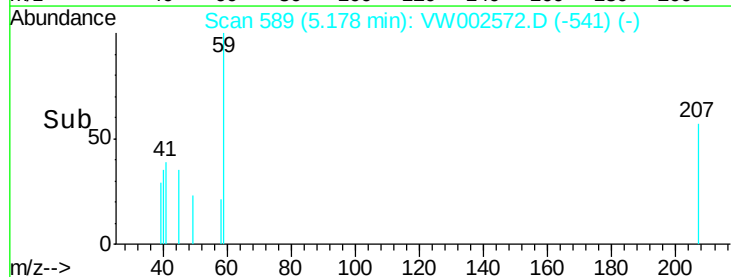
150

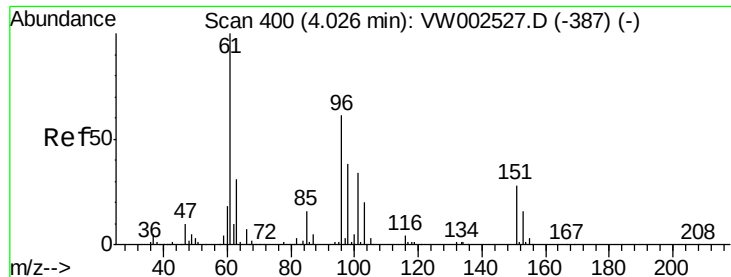
100

50

0

Time-->

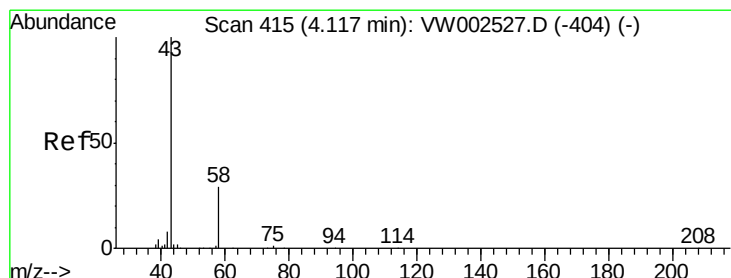
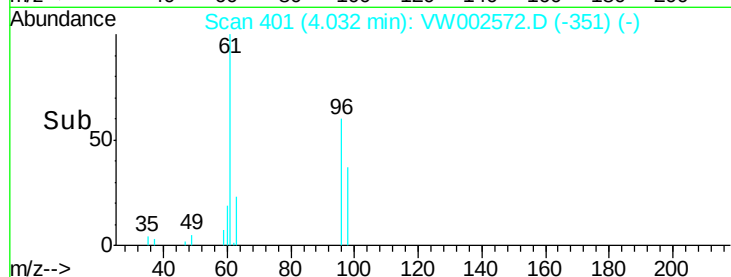
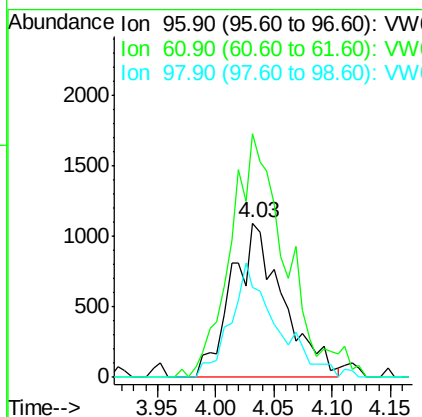
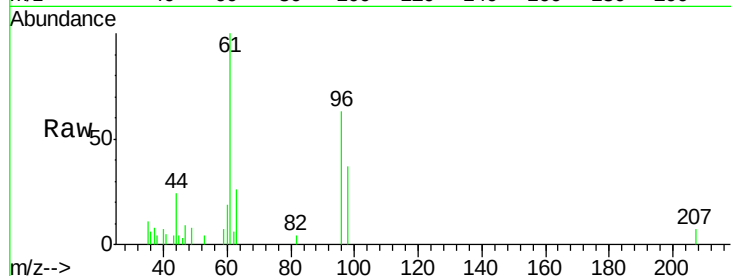




#12
 1,1-Dichloroethene
 Concen: 3.48 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

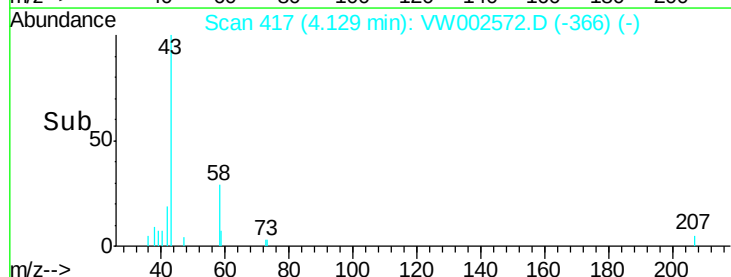
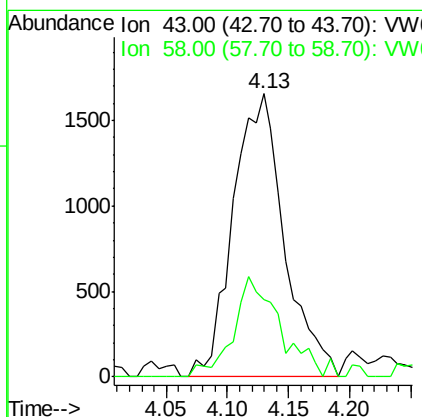
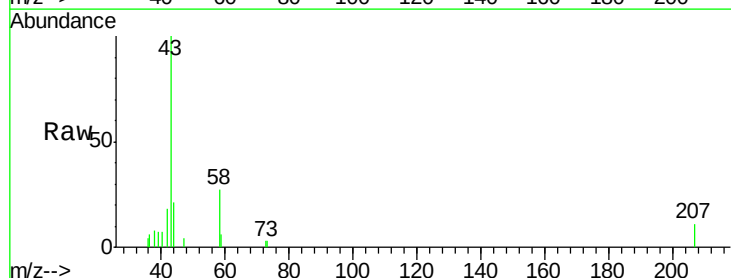
Instrument :
 MSVOA_W
 ClientSampled :
 SP-06

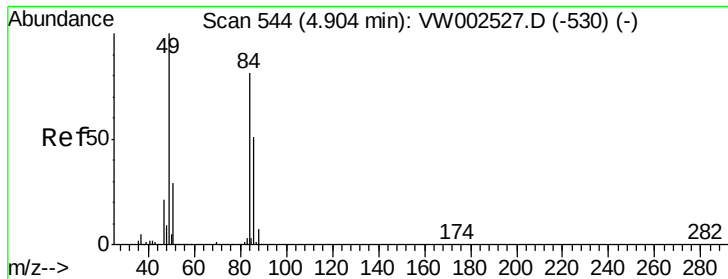
Tgt Ion: 96 Resp: 3357
 Ion Ratio Lower Upper
 96 100
 61 157.7 132.2 198.2
 98 58.2 50.6 76.0



#16
 Acetone
 Concen: 19.12 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

Tgt Ion: 43 Resp: 4816
 Ion Ratio Lower Upper
 43 100
 58 27.3 23.4 35.0

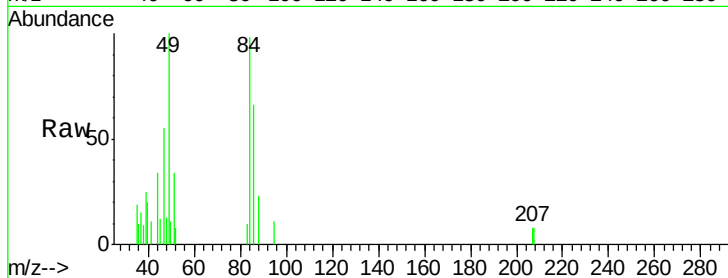




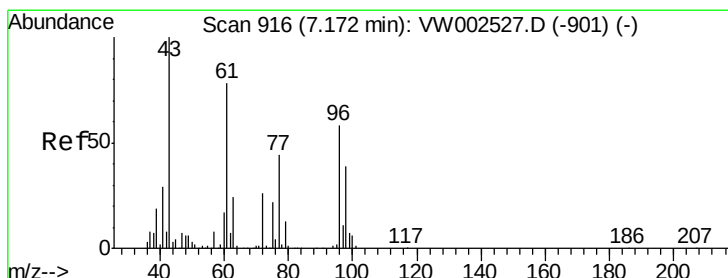
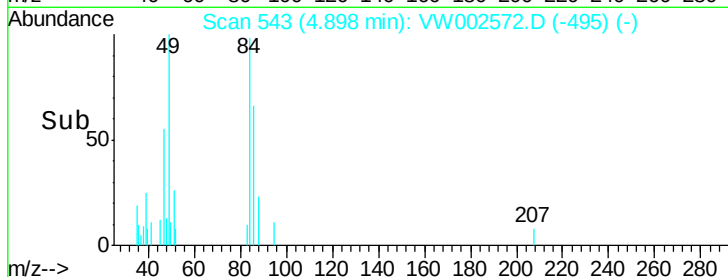
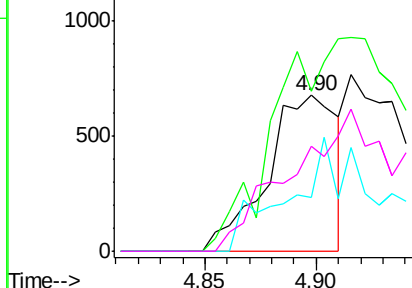
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW002572.D
Acq: 16 May 2018 02:13

Instrument :
MSVOA_W
ClientSampled :
SP-06

Tgt Ion:	84	Resp:	1477
Ion	Ratio	Lower	Upper
84	100		
49	102.4	99.4	149.0
51	34.9	29.0	43.6
86	67.2	50.3	75.5

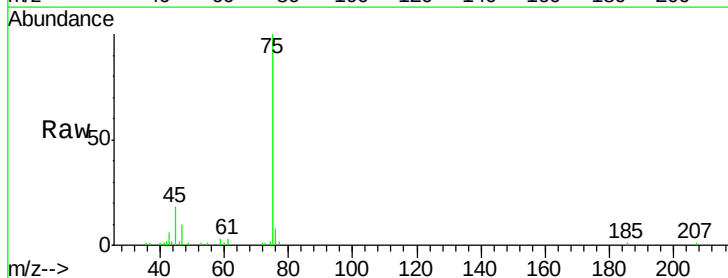


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

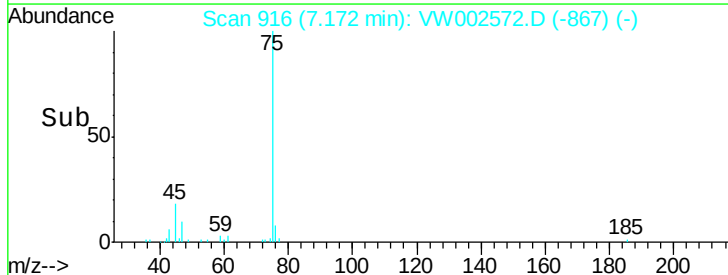
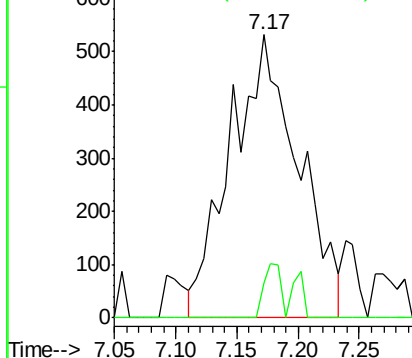


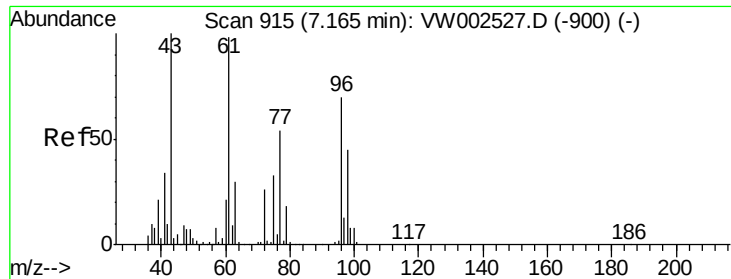
#25
2-Butanone
Concen: 5.77 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW002572.D
Acq: 16 May 2018 02:13

Tgt Ion:	43	Resp:	2054
Ion	Ratio	Lower	Upper
43	100		
72	13.7	20.9	31.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

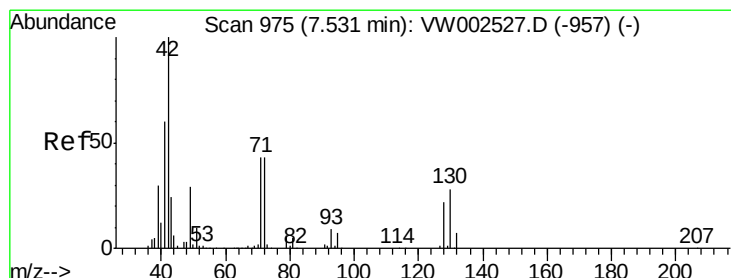
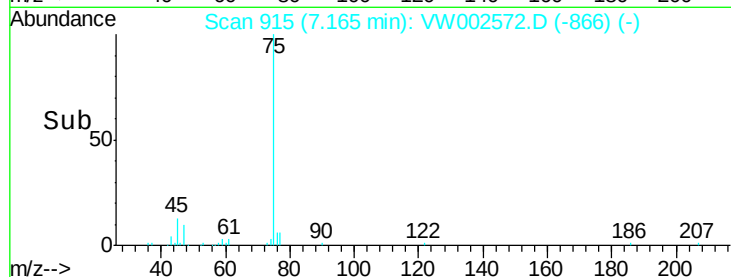
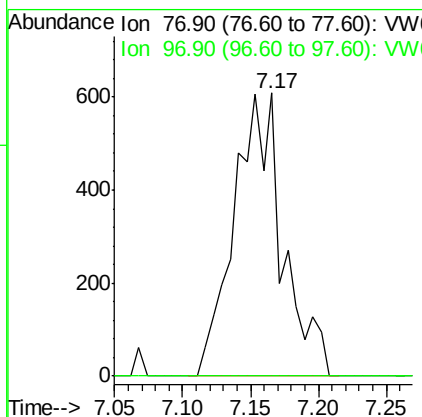
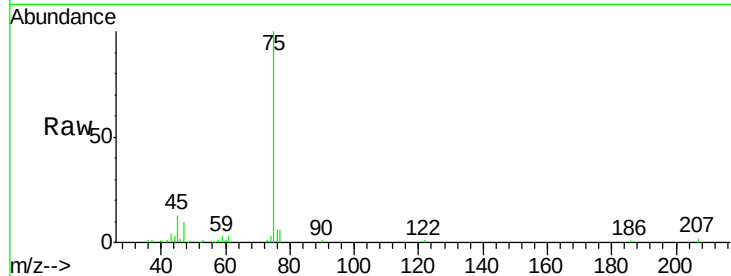




#26
 2,2-Dichloropropane
 Concen: 1.42 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

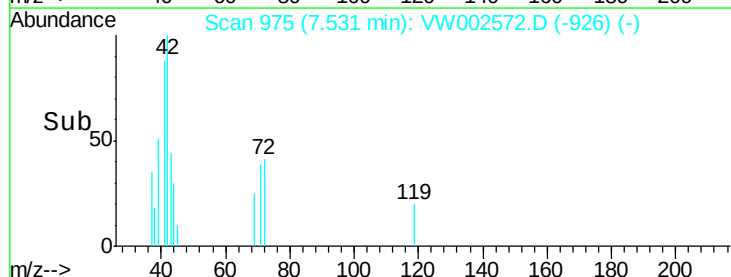
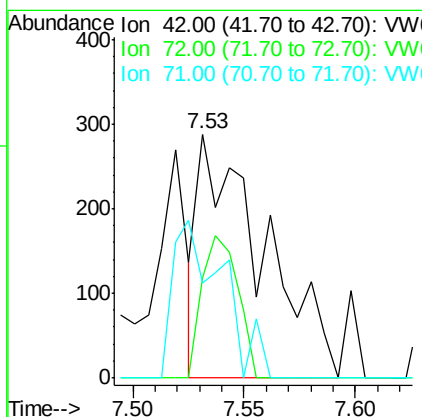
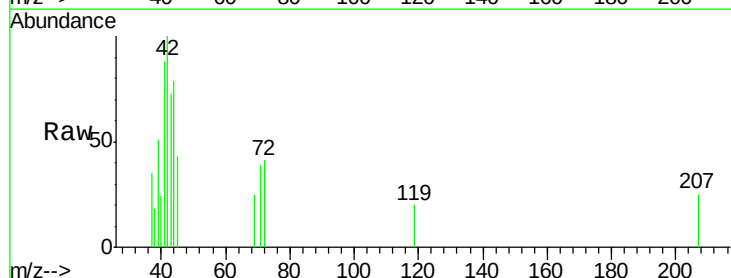
Instrument :
 MSVOA_W
 ClientSampled :
 SP-06

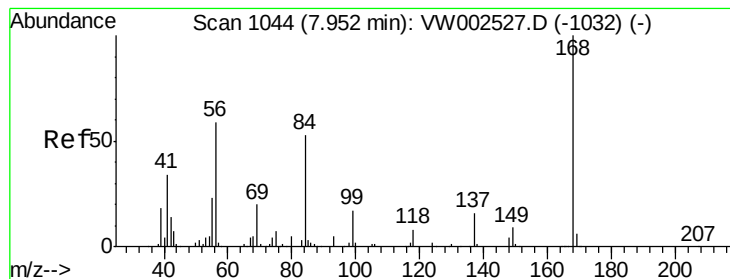
Tgt Ion: 77 Resp: 1520
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.1 36.3#



#29
 Tetrahydrofuran
 Concen: 2.65 ug/l
 RT: 7.53 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

Tgt Ion: 42 Resp: 589
 Ion Ratio Lower Upper
 42 100
 72 31.9 35.0 52.4#
 71 49.1 33.0 49.6





#31

Cyclohexane

Concen: 1.48 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

SP-06

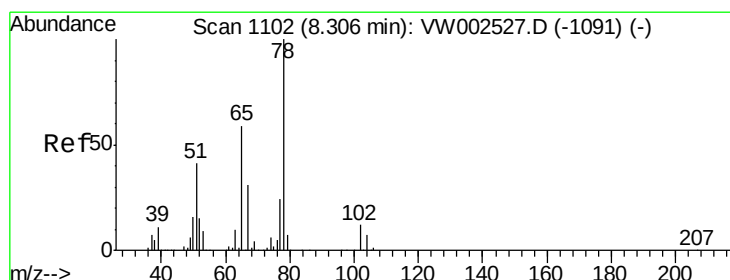
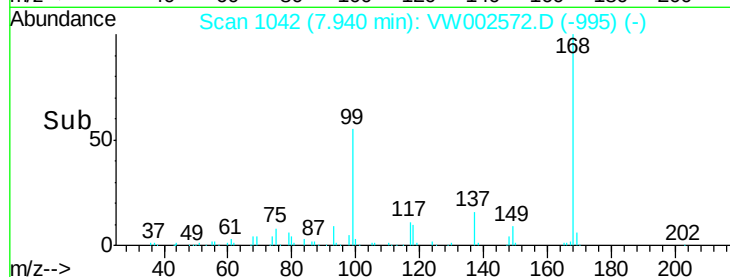
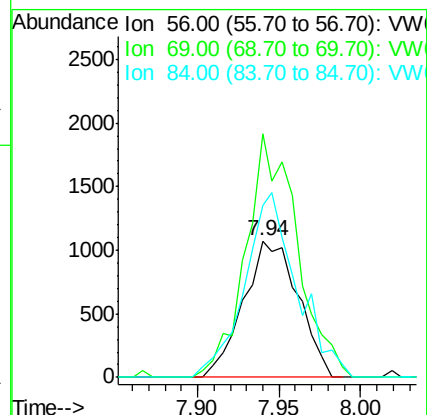
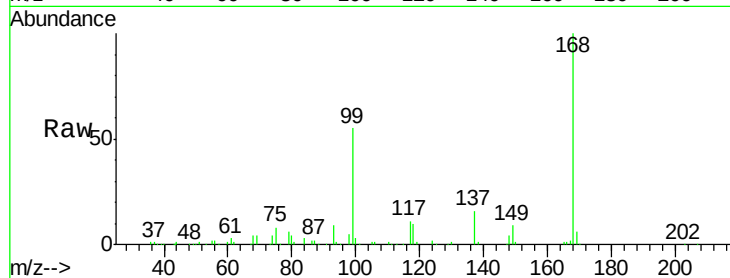
Tgt Ion: 56 Resp: 2505

Ion Ratio Lower Upper

56 100

69 178.3 27.0 40.4#

84 126.1 72.2 108.2#



#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW002572.D

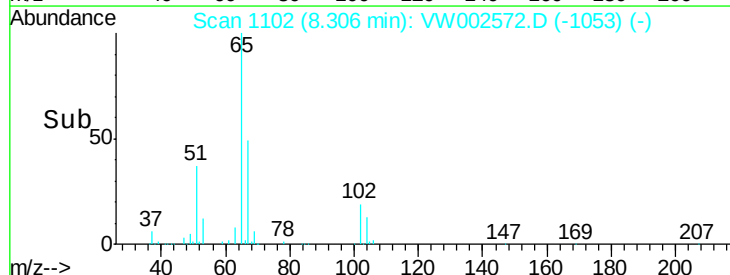
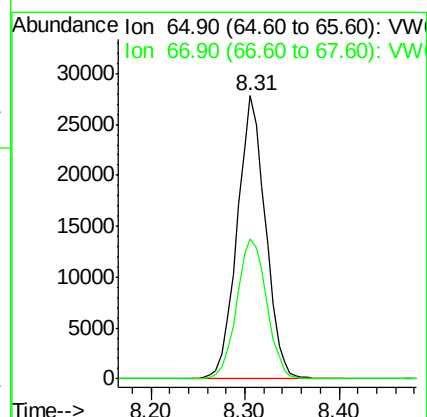
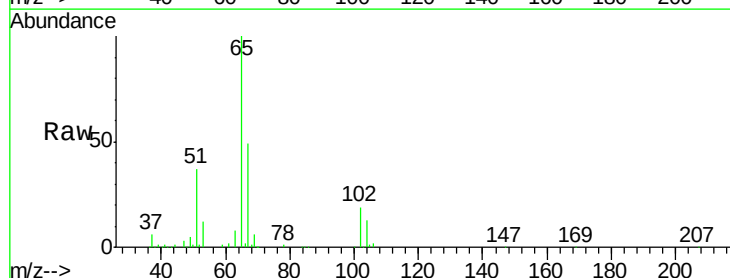
Acq: 16 May 2018 02:13

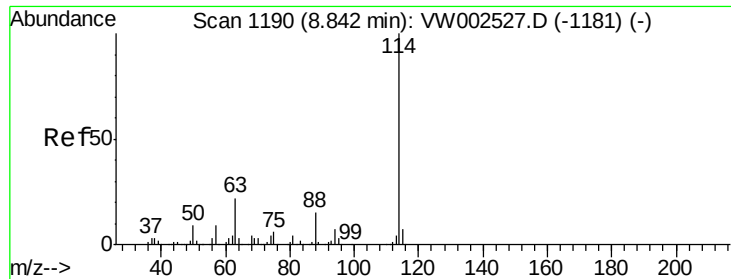
Tgt Ion: 65 Resp: 57841

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4

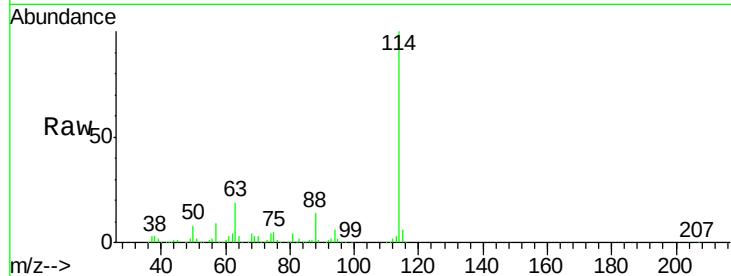




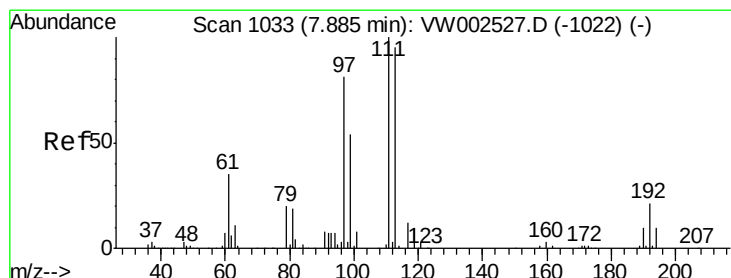
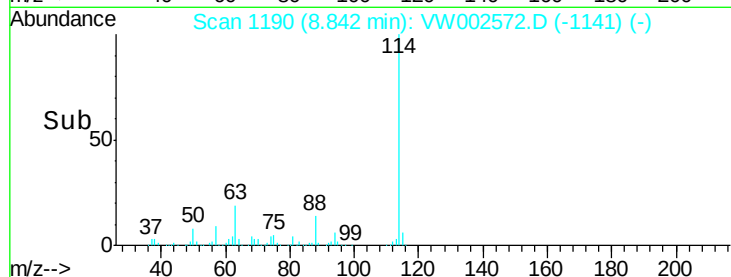
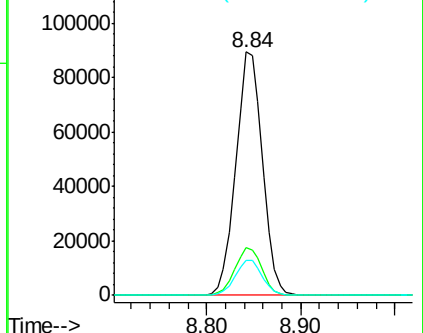
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-06

Tgt Ion:114 Resp: 175763
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 14.4 0.0 29.2

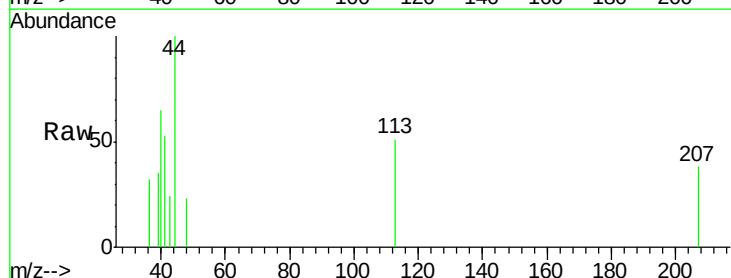


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

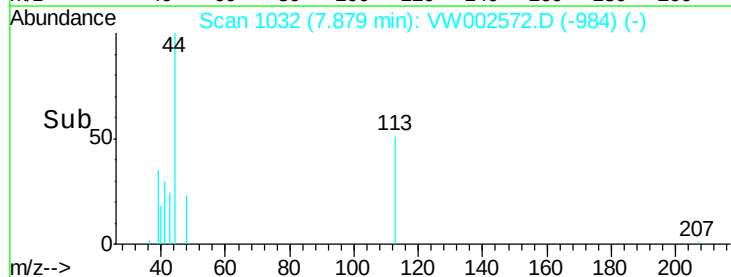
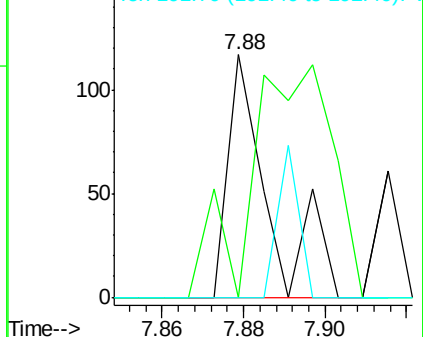


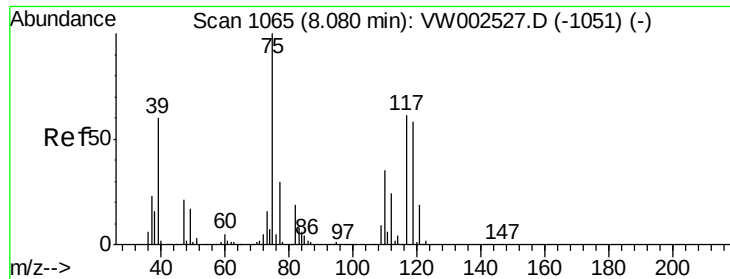
#35
 Dibromofluoromethane
 Concen: 0.07 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

Tgt Ion:113 Resp: 80
 Ion Ratio Lower Upper
 113 100
 111 197.5 81.8 122.8#
 192 33.8 17.5 26.3#



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: 5.73 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

SP-06

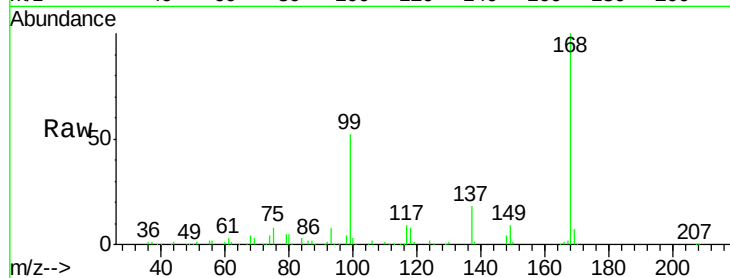
Tgt Ion: 75 Resp: 8886

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

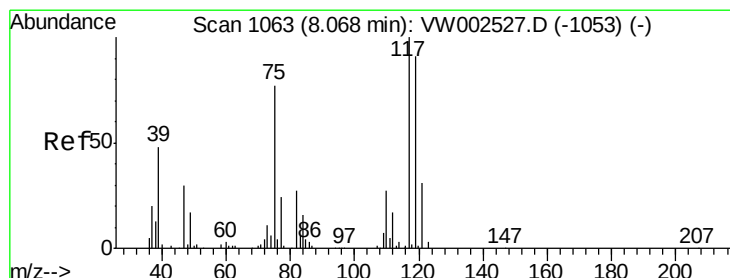
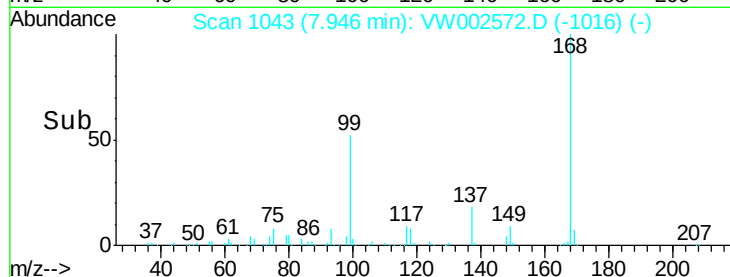
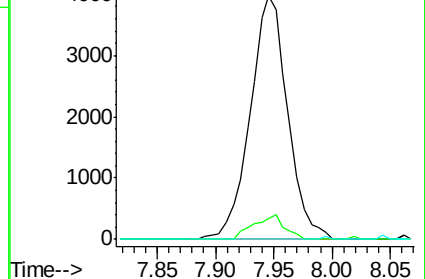
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 7.38 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

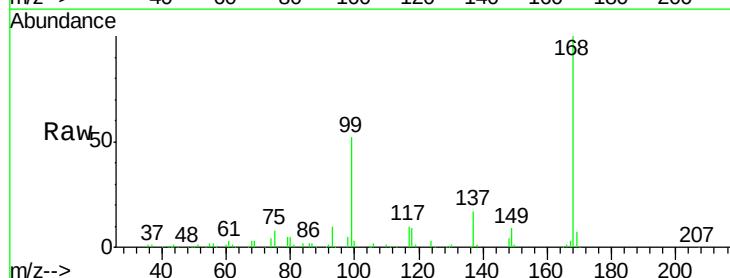
Tgt Ion: 117 Resp: 11210

Ion Ratio Lower Upper

117 100

119 6.0 73.1 109.7#

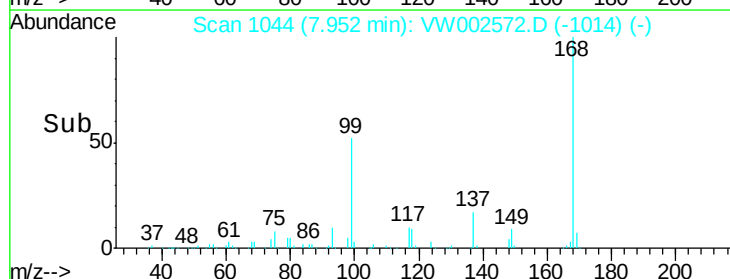
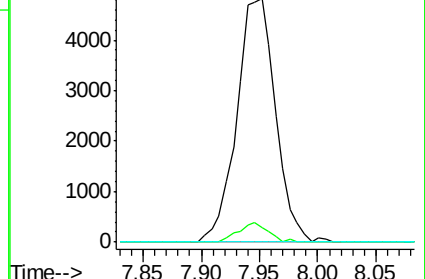
121 0.0 24.4 36.6#

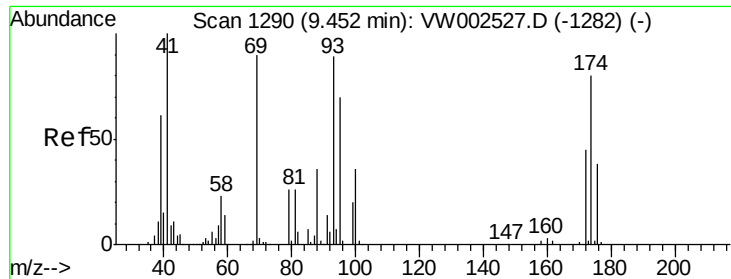


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 4.46 ug/l

RT: 9.24 min Scan# 1256

Delta R.T. -0.21 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

SP-06

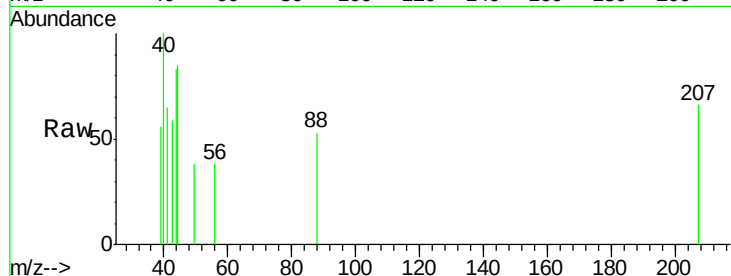
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 139.6 27.0 40.4#

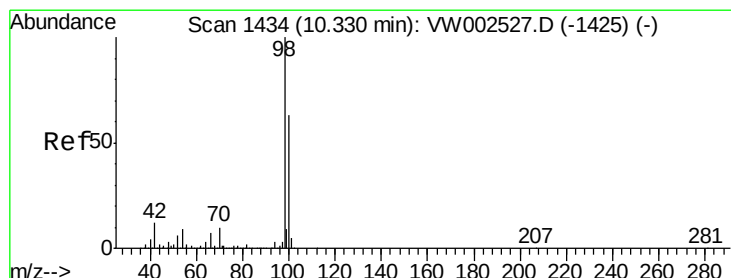
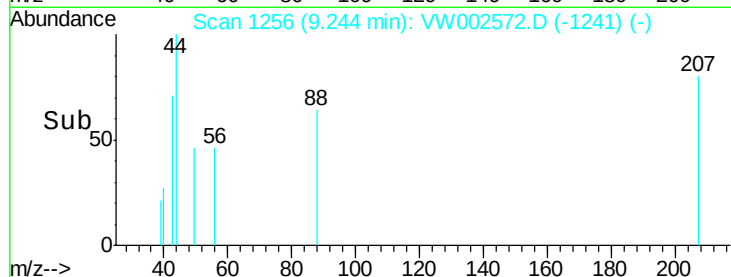
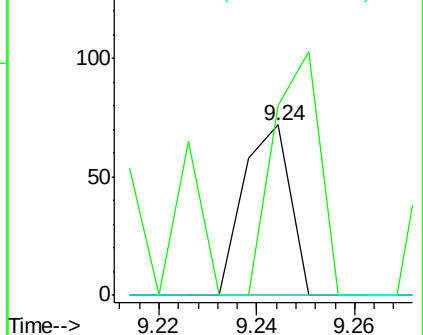
58 0.0 56.9 85.3#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 37.34 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002572.D

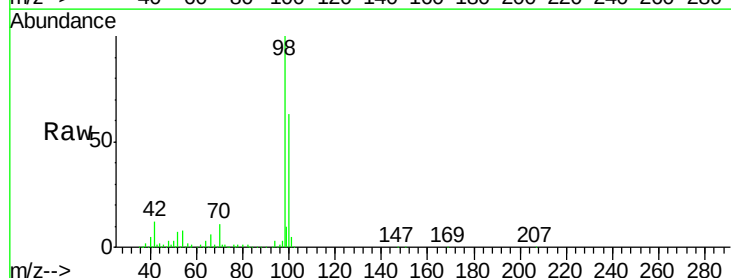
Acq: 16 May 2018 02:13

Tgt Ion: 98 Resp: 158399

Ion Ratio Lower Upper

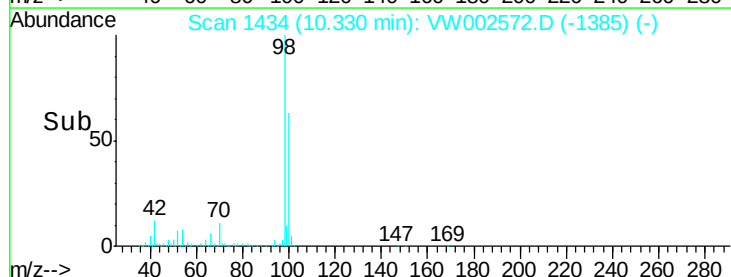
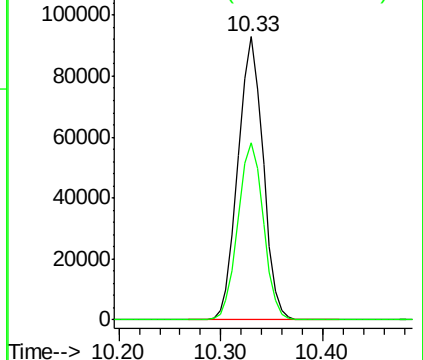
98 100

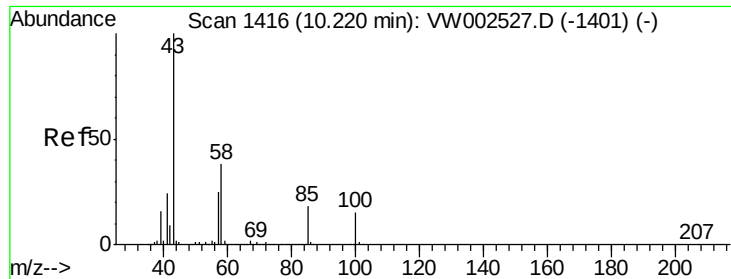
100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

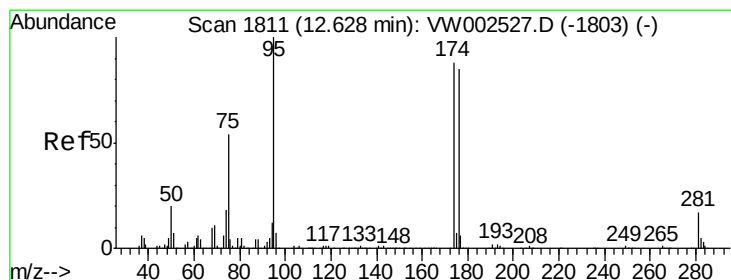
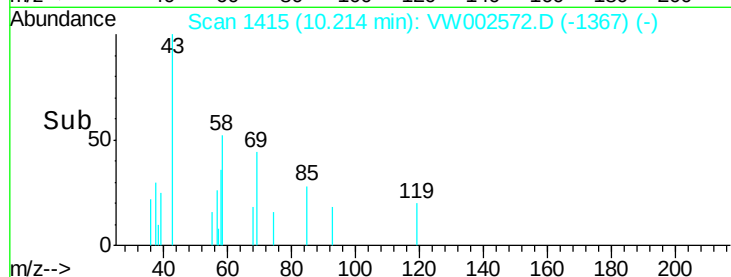
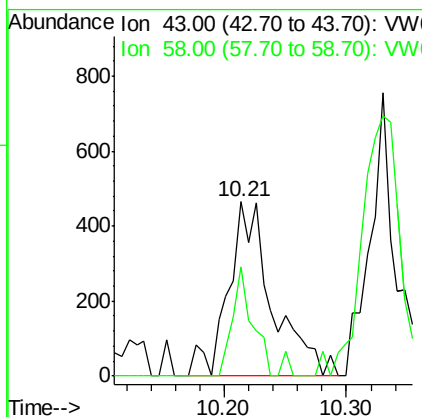
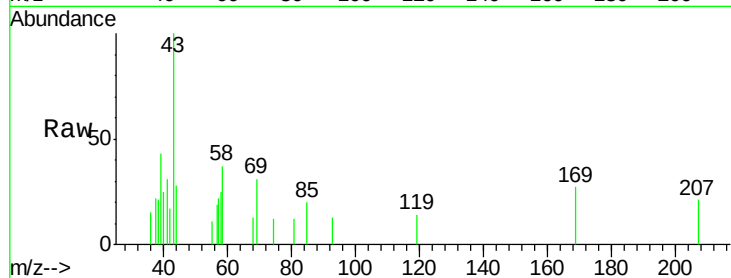




#51
 4-Methyl-2-Pentanone
 Concen: 1.43 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

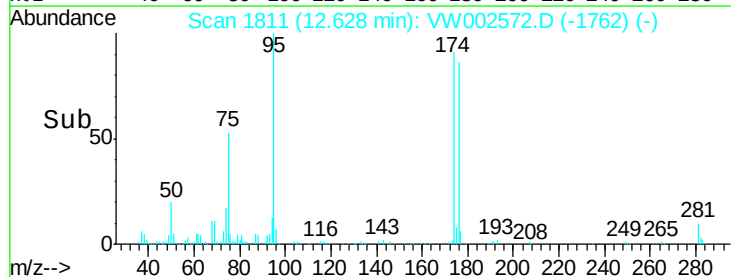
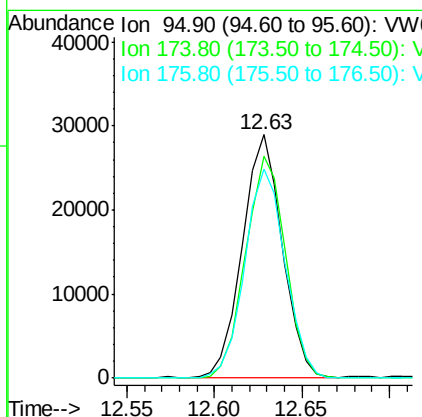
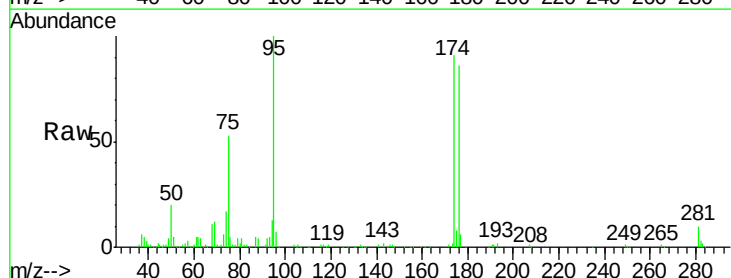
Instrument :
 MSVOA_W
 ClientSampled :
 SP-06

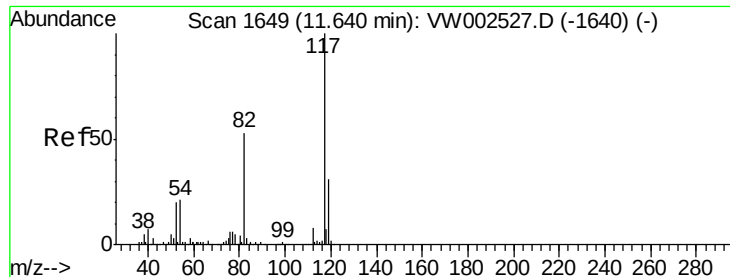
Tgt Ion: 43 Resp: 1160
 Ion Ratio Lower Upper
 43 100
 58 28.2 30.1 45.1#



#62
 4-Bromofluorobenzene
 Concen: 29.45 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002572.D
 Acq: 16 May 2018 02:13

Tgt Ion: 95 Resp: 45680
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 176.6
 176 87.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

SP-06

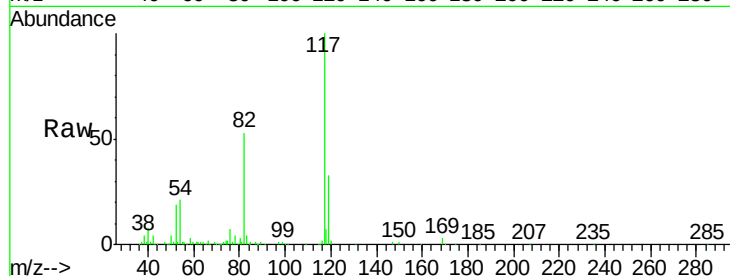
Tgt Ion:117 Resp: 133125

Ion Ratio Lower Upper

117 100

82 53.1 42.6 64.0

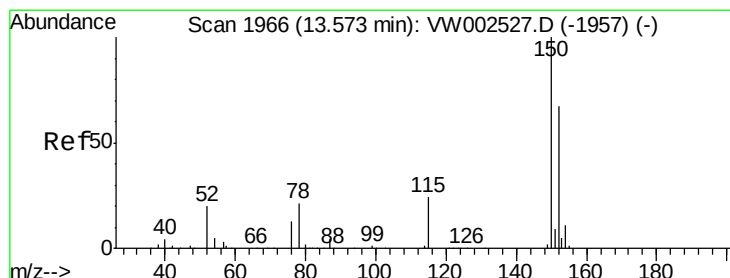
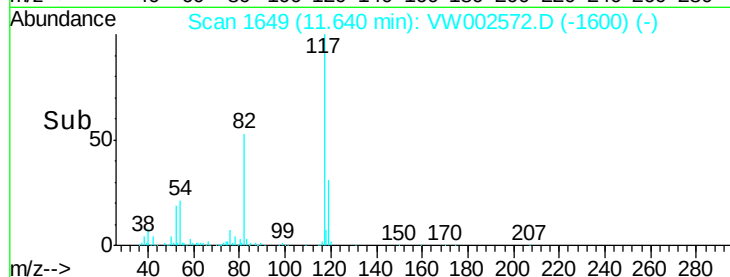
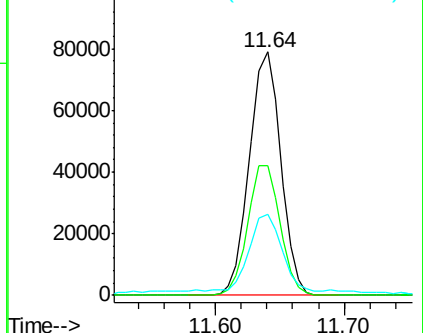
119 31.7 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

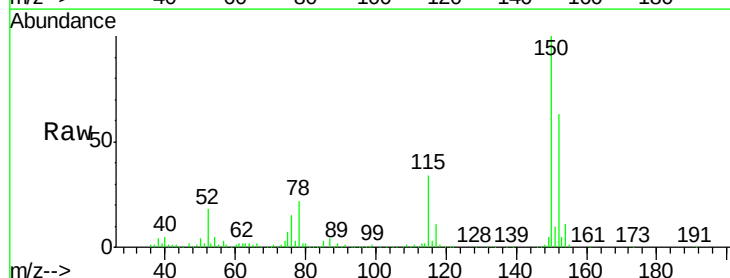
Tgt Ion:152 Resp: 46420

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

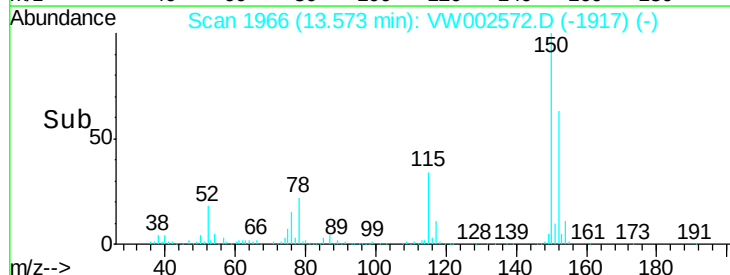
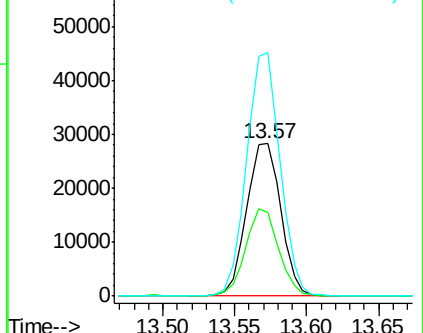
150 155.9 0.0 345.4

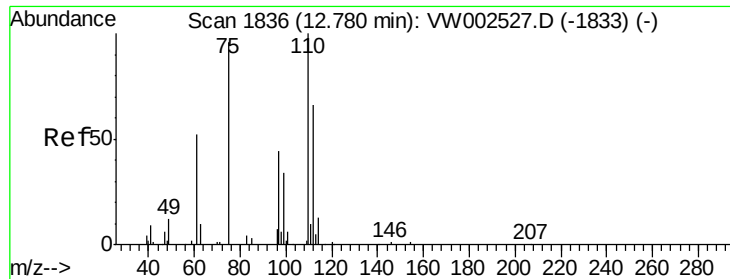


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.99 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

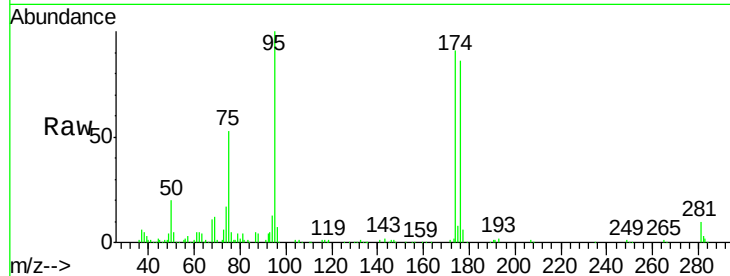
SP-06

Tgt Ion: 75 Resp: 24567

Ion Ratio Lower Upper

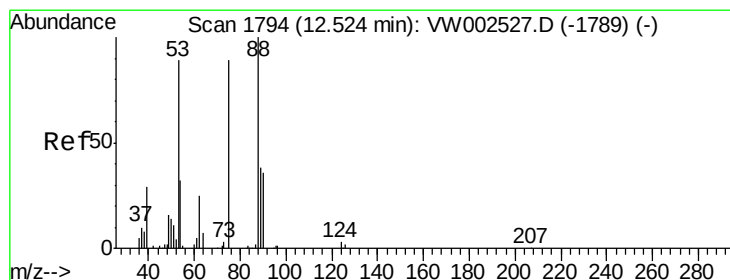
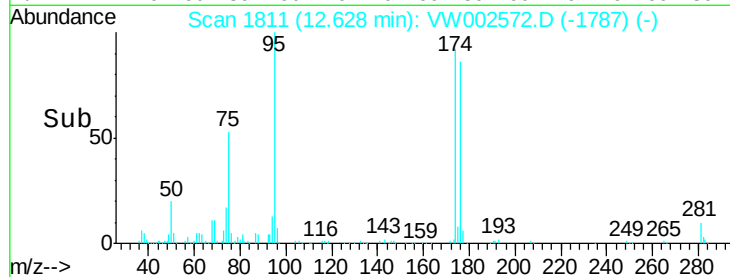
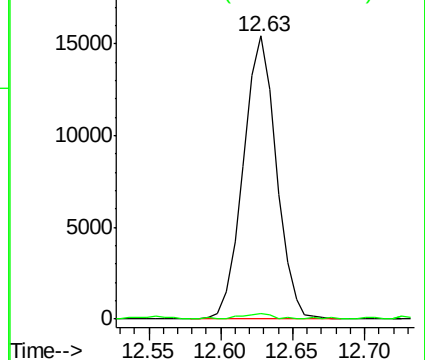
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 152.65 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

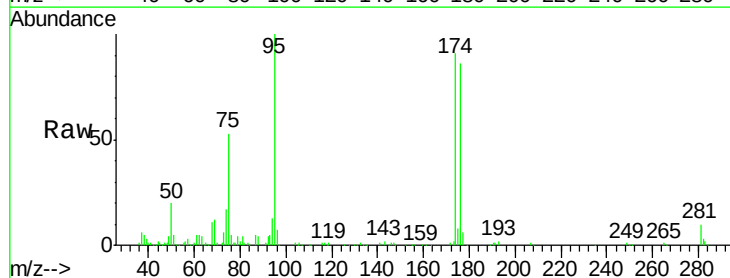
Tgt Ion: 75 Resp: 24567

Ion Ratio Lower Upper

75 100

53 0.3 82.6 124.0#

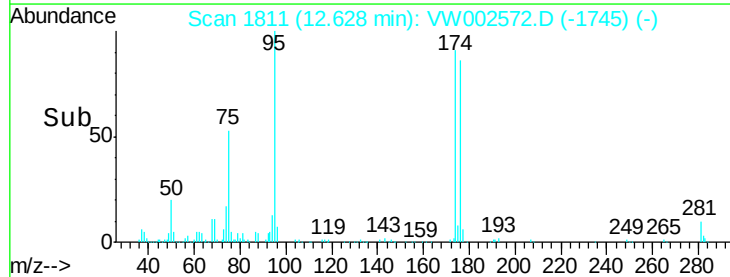
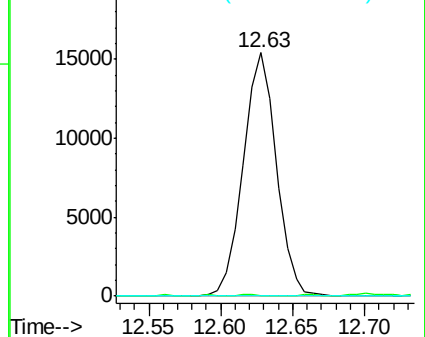
89 0.1 39.2 58.8#

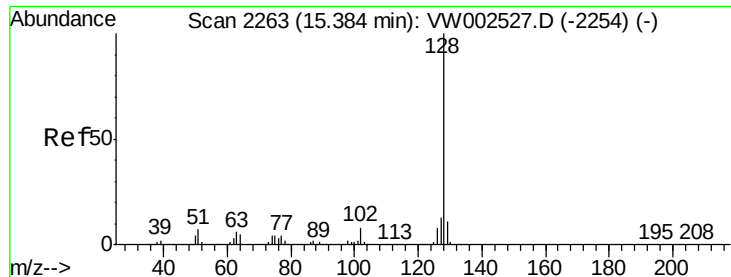


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 7.62 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002572.D

Acq: 16 May 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

SP-06

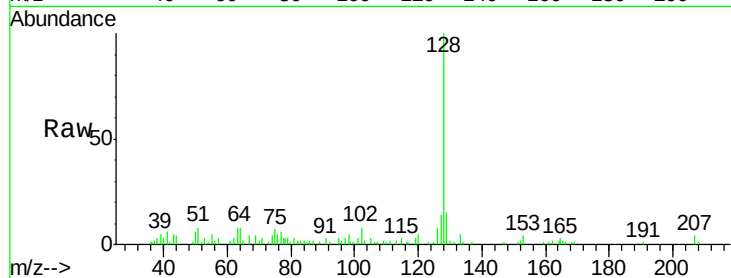
Tgt Ion:128 Resp: 13509

Ion Ratio Lower Upper

128 100

127 14.4 10.6 15.8

129 14.9 8.9 13.3#



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

