

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003668.D
 Acq On : 29 Jun 2018 18:33
 Operator : SY/AP
 Sample : J3773-02
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:42:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	192414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31859	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98487	80.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.92%	
35) Dibromofluoromethane	7.88	113	87060	72.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.64%	
50) Toluene-d8	10.33	98	253371	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.63	95	48386	28.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.68%	

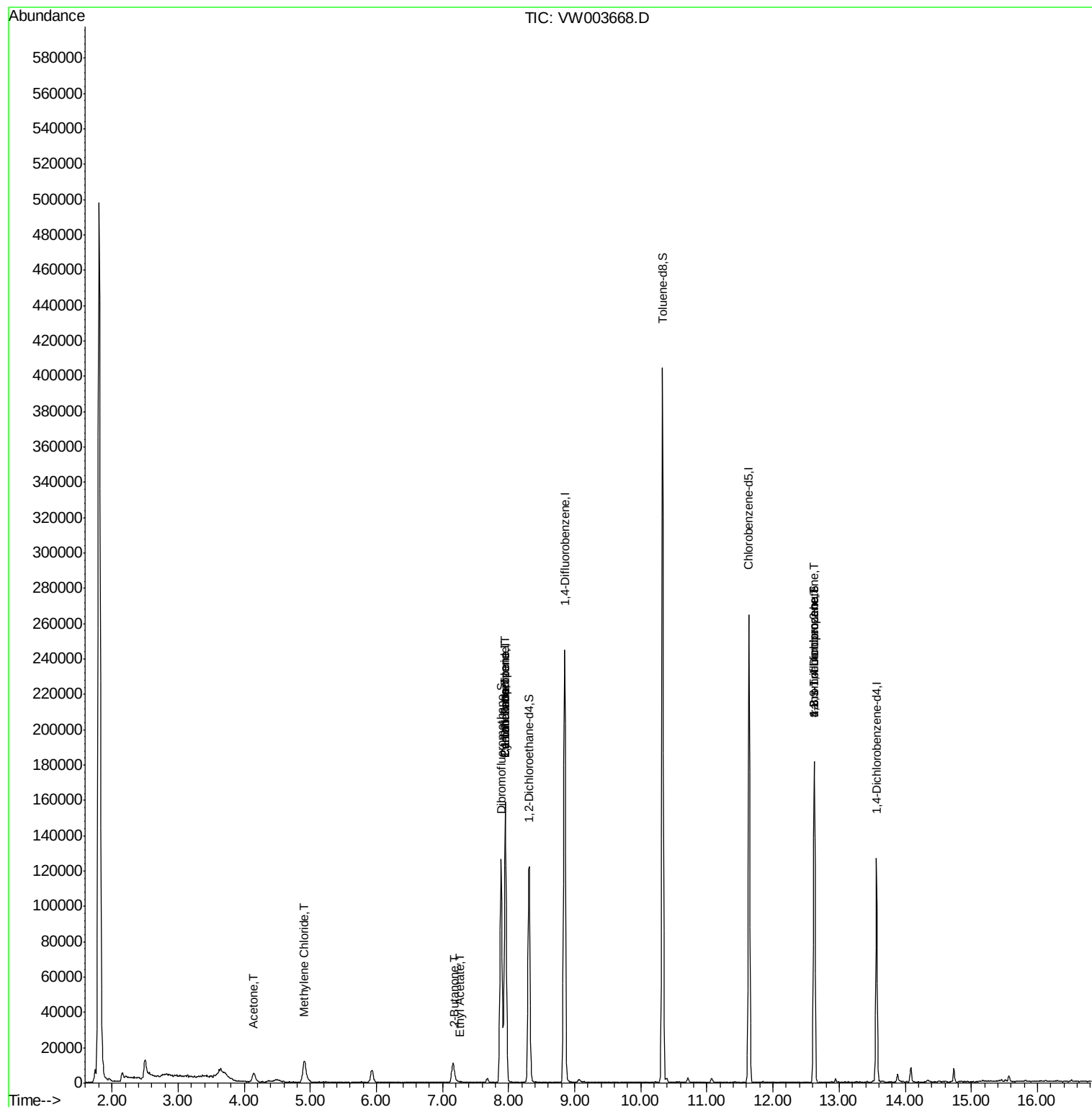
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	10694	41.657	ug/l	99
20) Methylene Chloride	4.92	84	10098	6.032	ug/l	93
25) 2-Butanone	7.19	43	1803	5.648	ug/l #	86
31) Cyclohexane	7.95	56	3133	1.584	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	9466	5.094	ug/l #	49
37) Ethyl Acetate	7.26	43	876	1.138	ug/l #	69
38) Carbon Tetrachloride	7.95	117	11819	6.484	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	27510	101.007	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27510	232.422	ug/l #	9

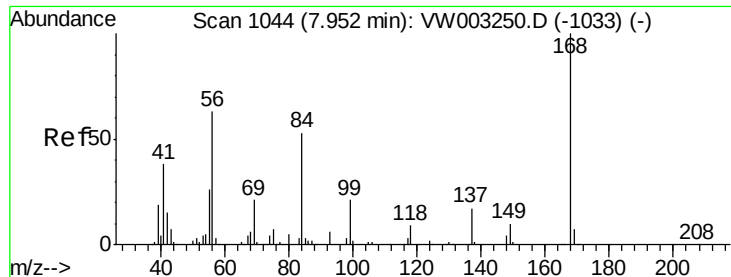
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062918\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :

MSVOA_W

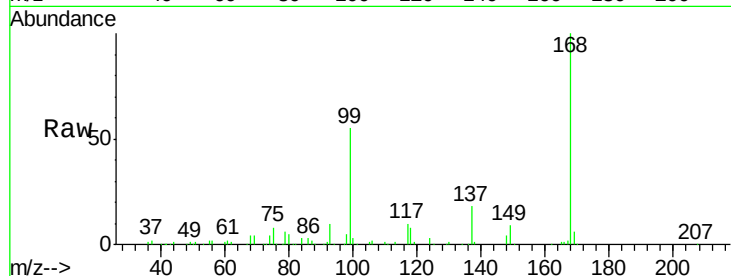
ClientSampled :

Tot Ion:168 Resp: 113006

Ion Ratio Lower Upper

168 100

99 54.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

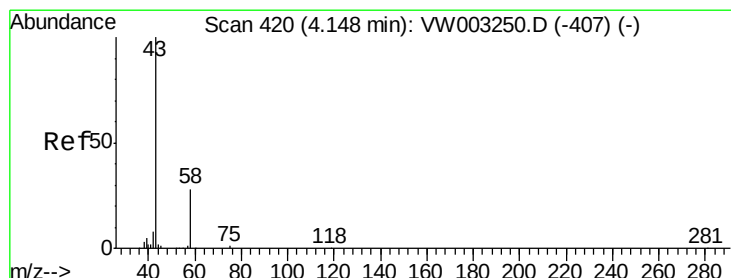
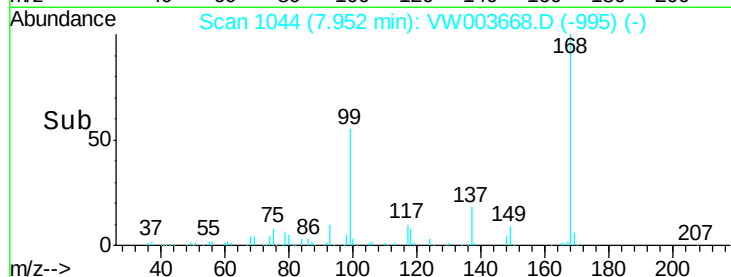
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 41.657 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003668.D

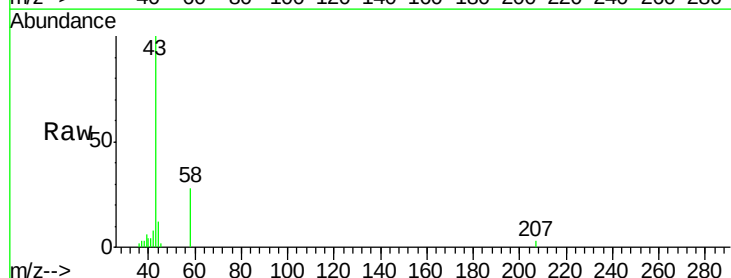
Acq: 29 Jun 2018 18:33

Tgt Ion: 43 Resp: 10694

Ion Ratio Lower Upper

43 100

58 27.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

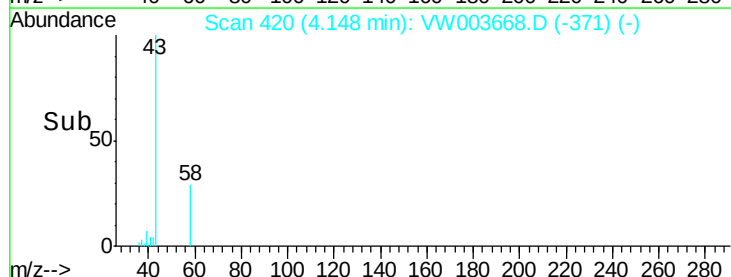
3000

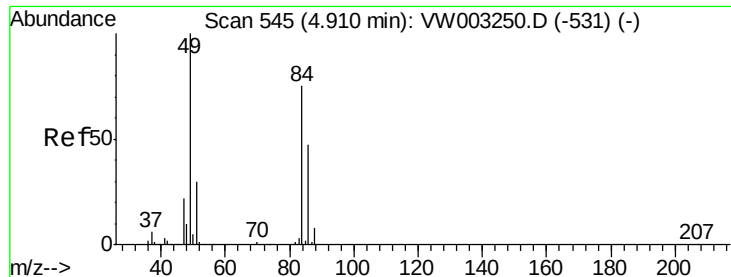
2000

1000

0

Time-->

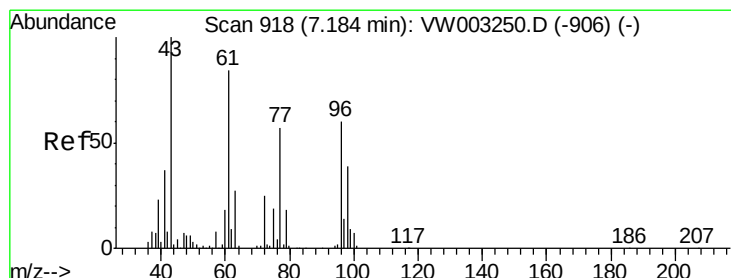
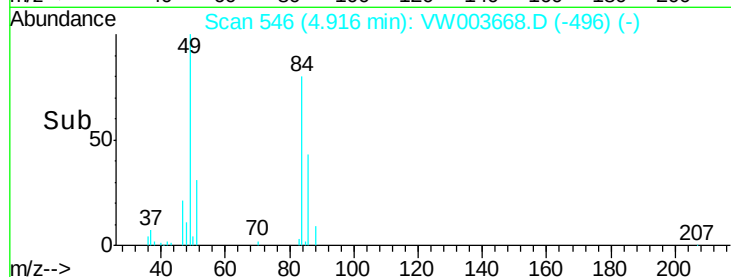
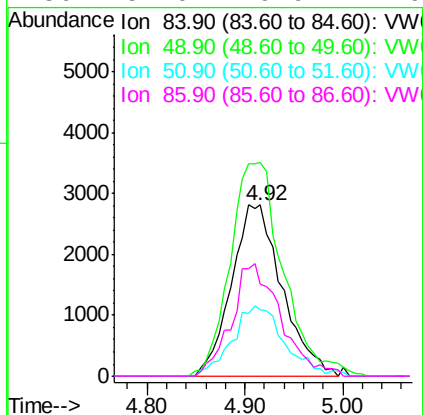
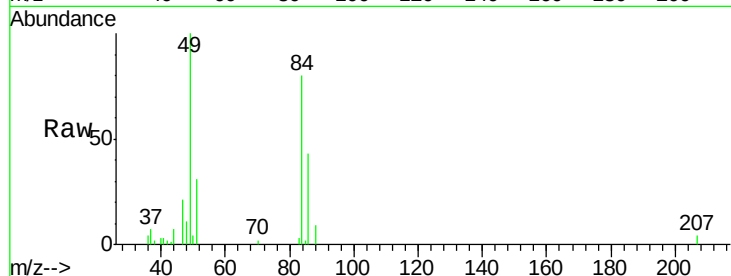




#20
Methylene Chloride
Concen: 6.032 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

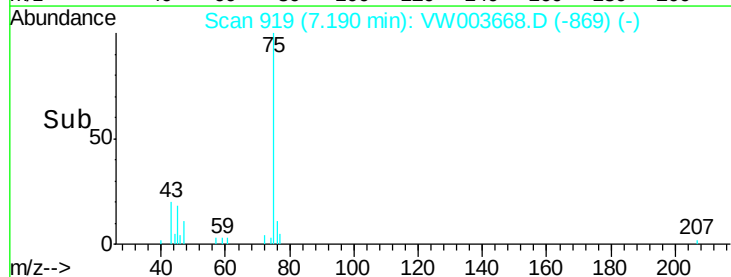
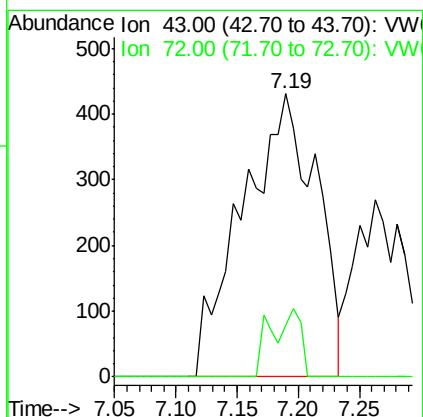
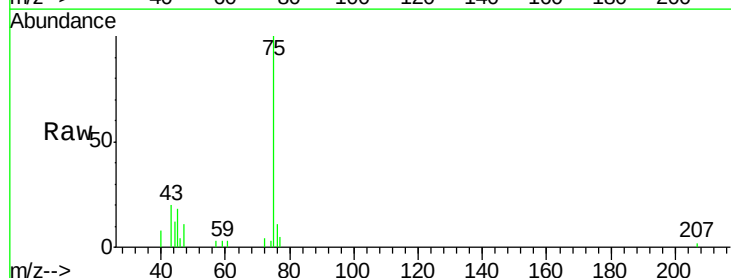
Instrument :
MSVOA_W
ClientSampled :

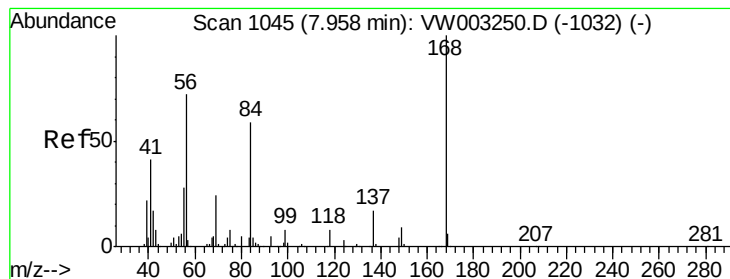
Tot Ion	84	Resp	10098
Ion	Ratio	Lower	Upper
84	100		
49	124.8	106.3	159.5
51	38.8	32.0	48.0
86	54.0	49.9	74.9



#25
2-Butanone
Concen: 5.648 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

Tgt Ion	43	Resp	1803
Ion	Ratio	Lower	Upper
43	100		
72	18.1	20.3	30.5#





#31

Cyclohexane

Concen: 1.584 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

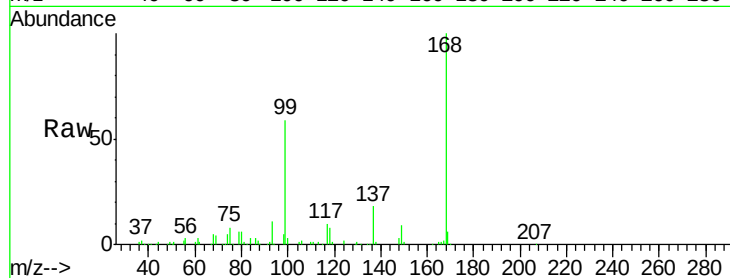
Tot Ion: 56 Resp: 3133

Ion Ratio Lower Upper

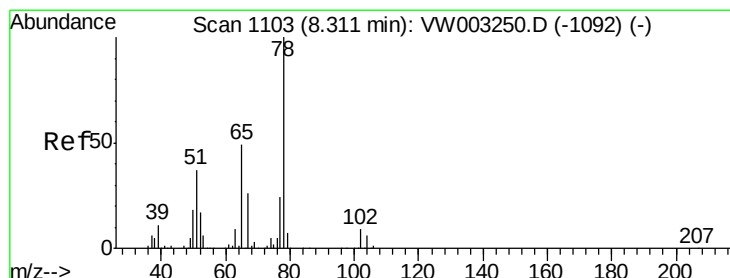
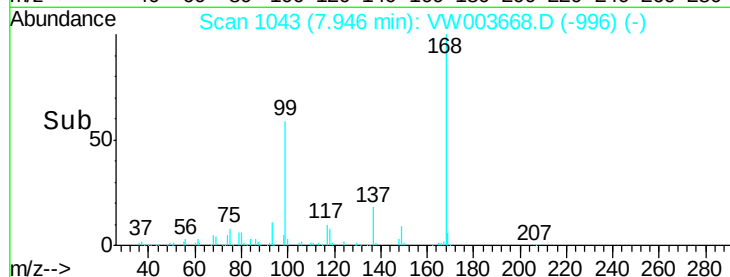
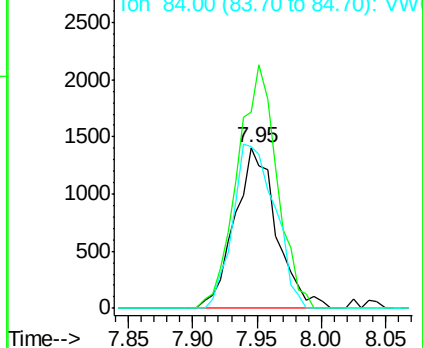
56 100

69 121.9 26.3 39.5#

84 100.4 65.7 98.5#



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



#33

1,2-Dichloroethane-d4

Concen: 80.461 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003668.D

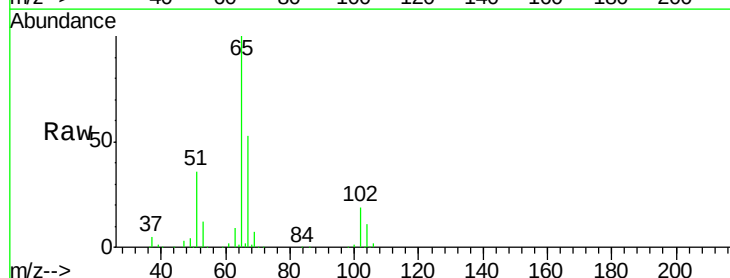
Acq: 29 Jun 2018 18:33

Tgt Ion: 65 Resp: 98487

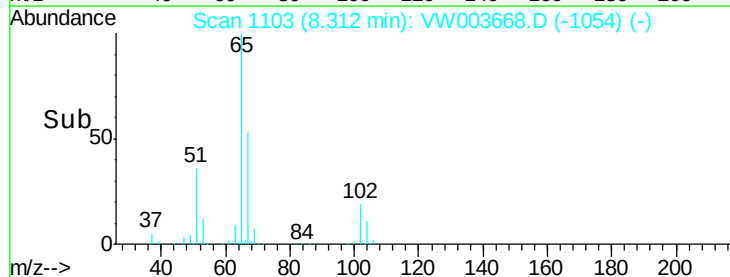
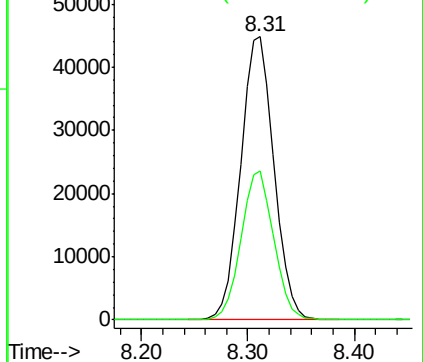
Ion Ratio Lower Upper

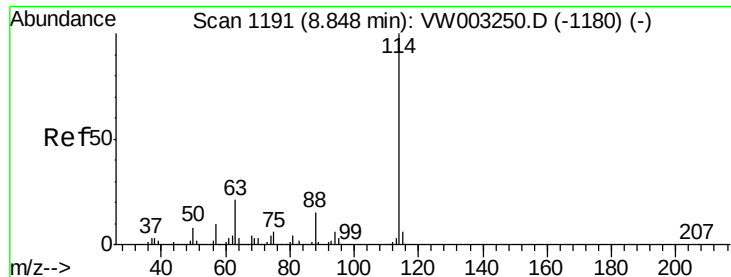
65 100

67 51.6 0.0 104.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

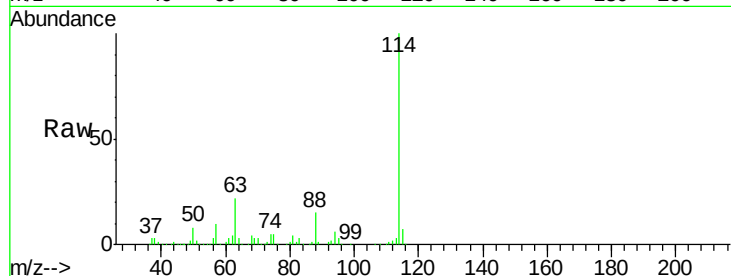
Tot Ion:114 Resp: 192414

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

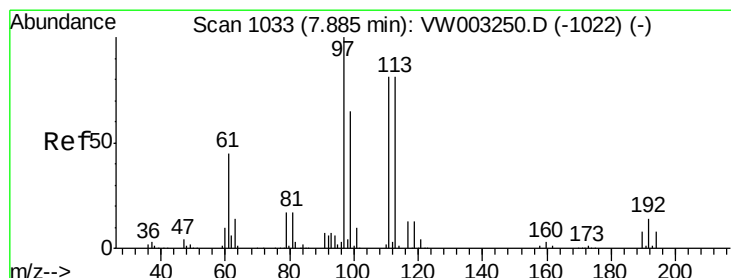
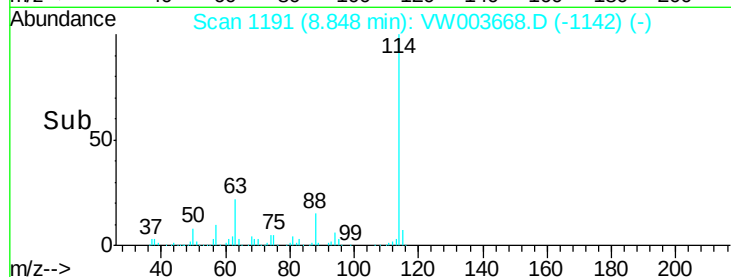
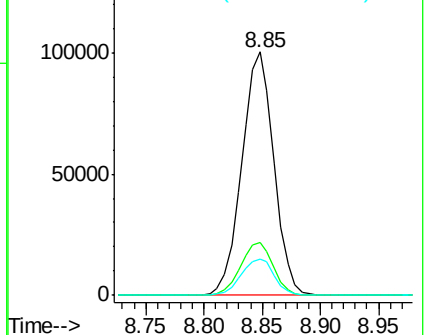
88 14.9 0.0 29.6



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: 72.817 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

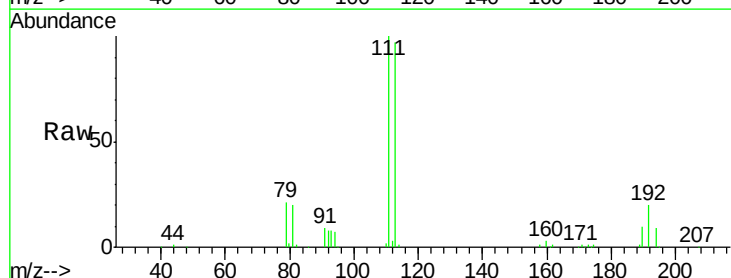
Tgt Ion:113 Resp: 87060

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

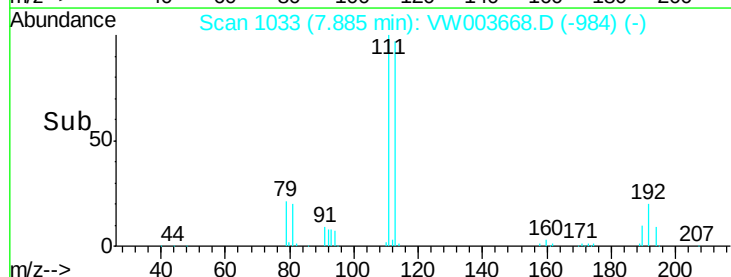
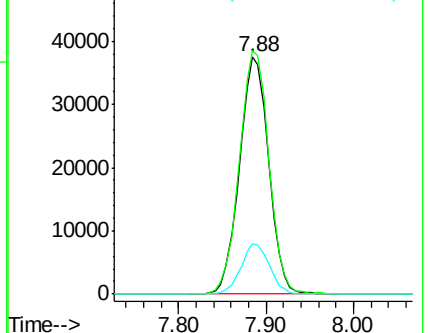
192 20.6 16.2 24.2

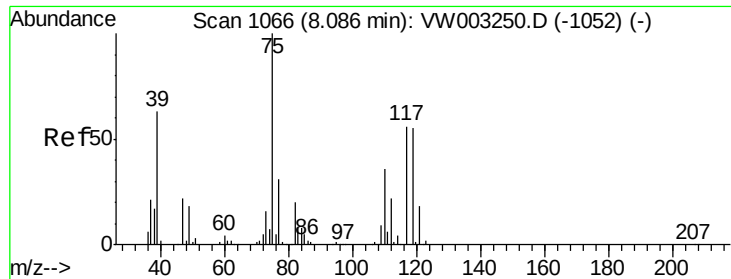


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.094 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :
MSVOA_W
ClientSampled :

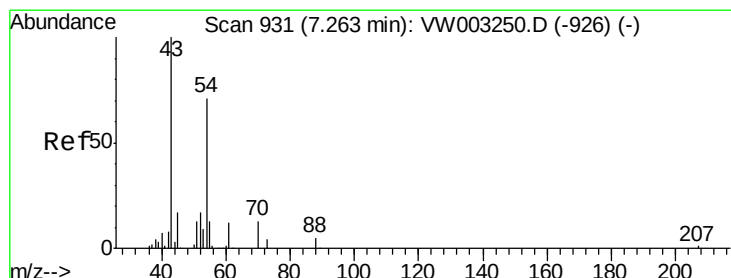
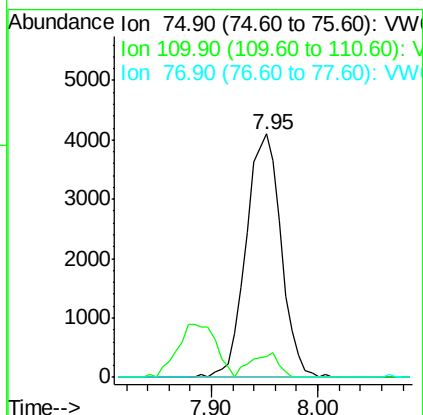
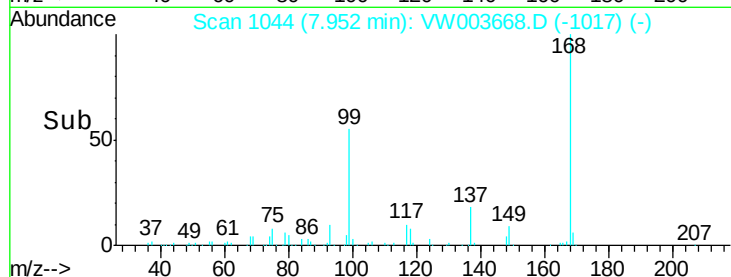
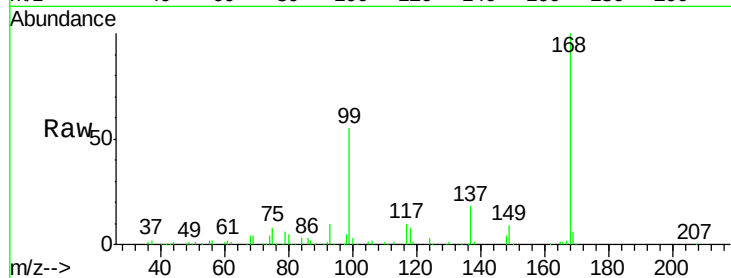
Tot Ion: 75 Resp: 9466

Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.3#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.138 ug/l

RT: 7.26 min Scan# 931

Delta R.T. 0.00 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

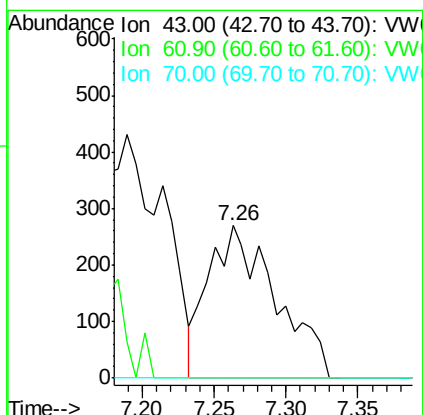
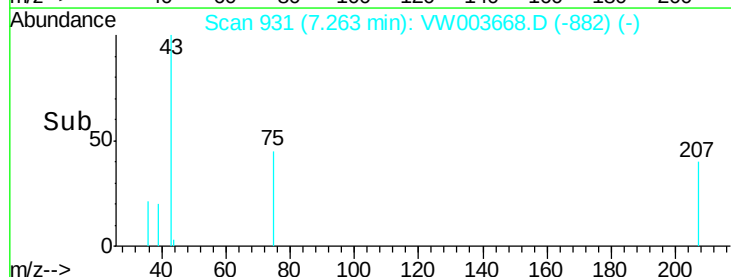
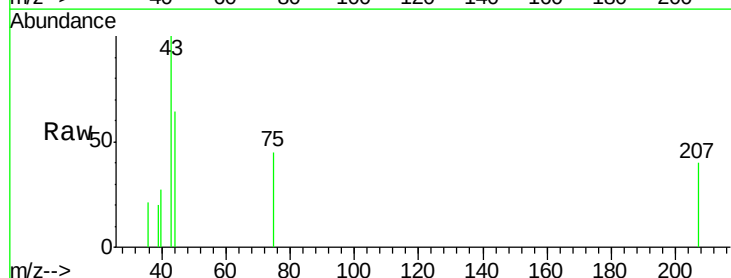
Tgt Ion: 43 Resp: 876

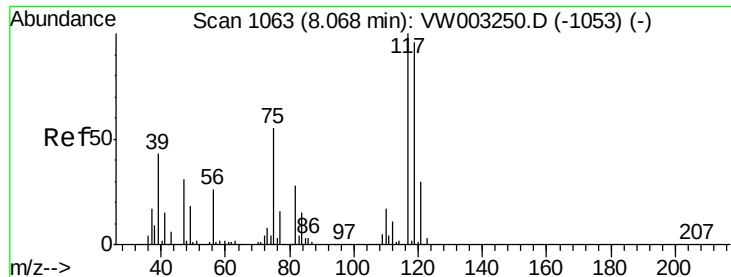
Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

70 0.0 7.8 11.6#

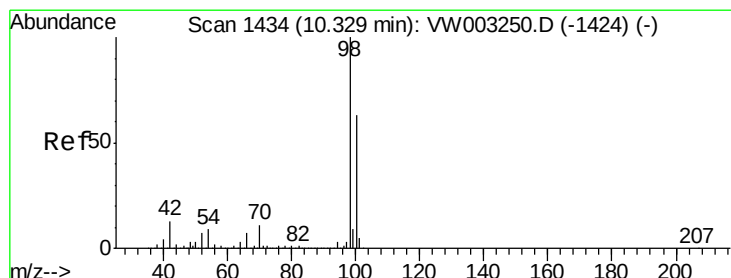
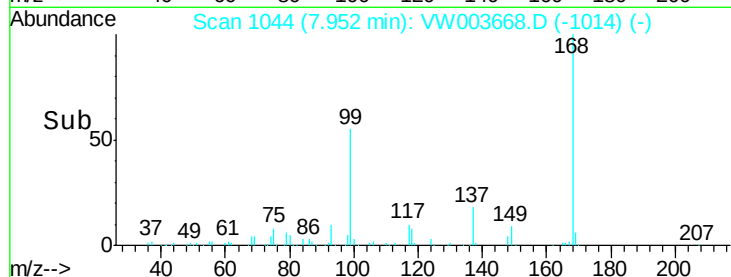
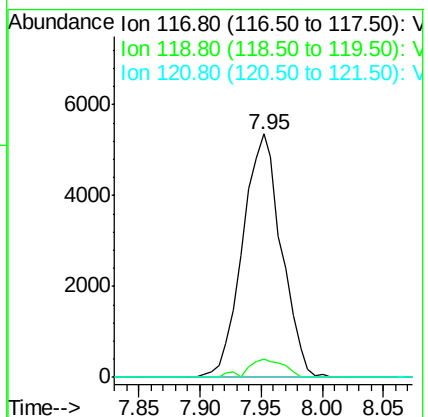
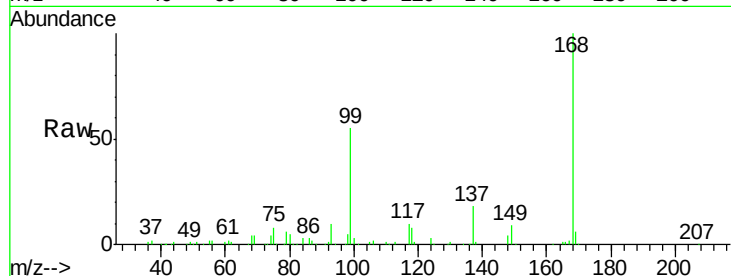




#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

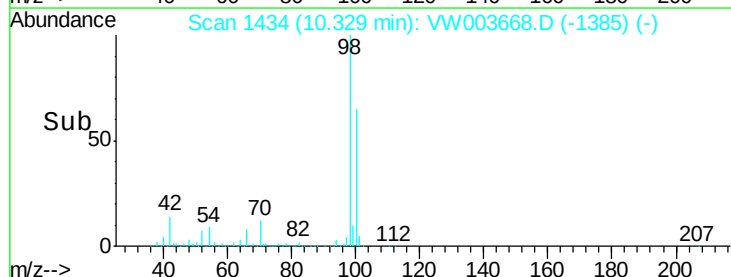
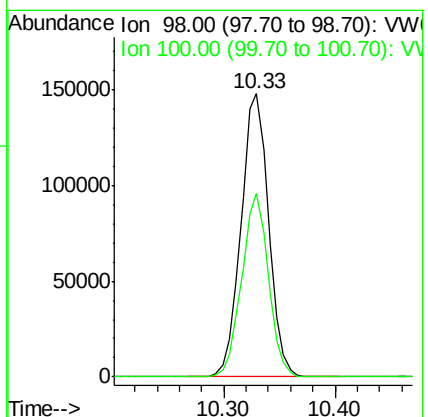
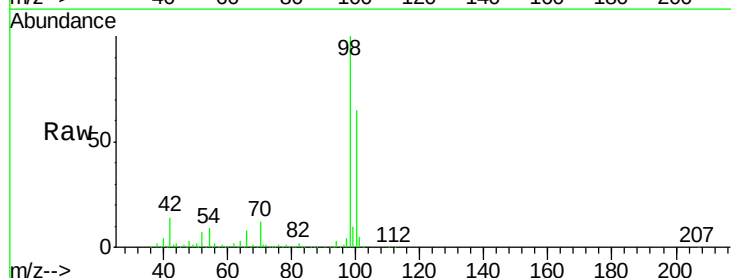
Instrument :
MSVOA_W
ClientSampled :

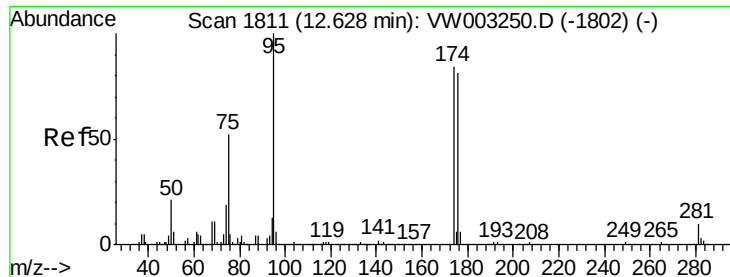
Tot Ion:117 Resp: 11819
Ion Ratio Lower Upper
117 100
119 7.6 76.6 115.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.444 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

Tgt Ion: 98 Resp: 253371
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 28.840 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

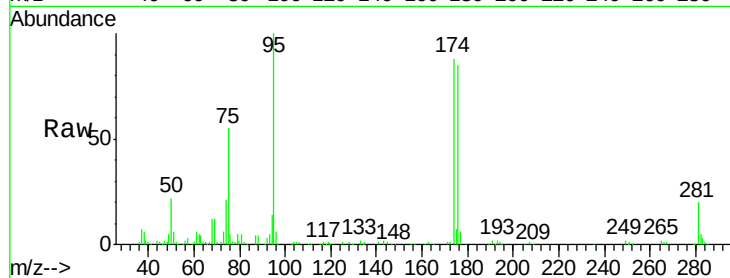
Tot Ion: 95 Resp: 48386

Ion Ratio Lower Upper

95 100

174 87.8 0.0 166.4

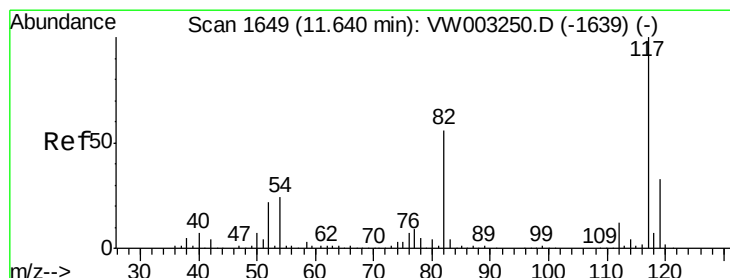
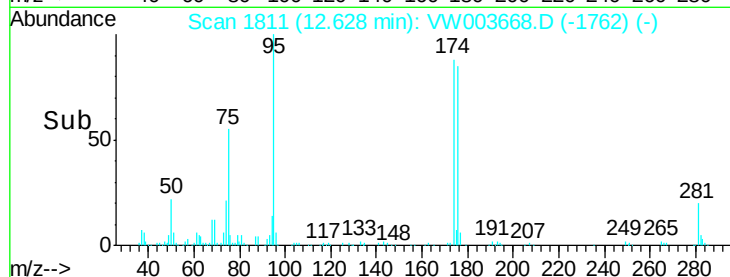
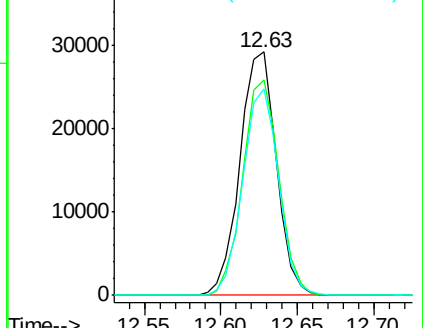
176 83.4 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

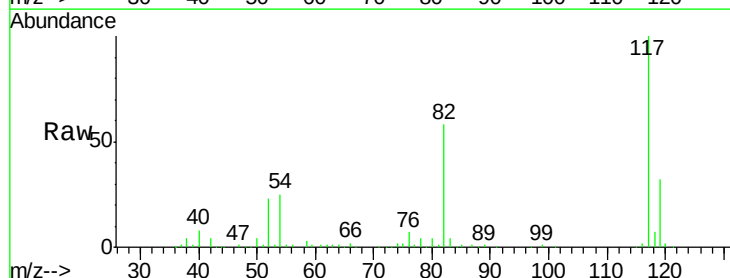
Tgt Ion: 117 Resp: 140656

Ion Ratio Lower Upper

117 100

82 57.6 44.6 67.0

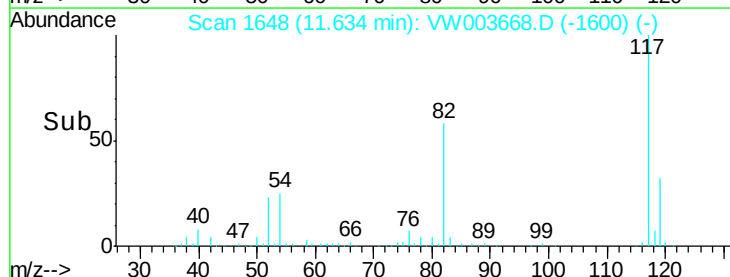
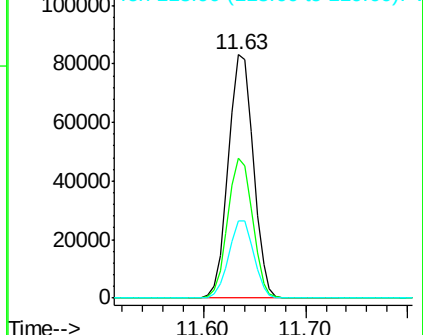
119 31.9 26.7 40.1

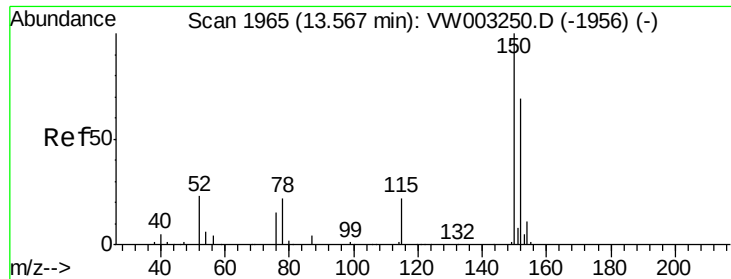


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



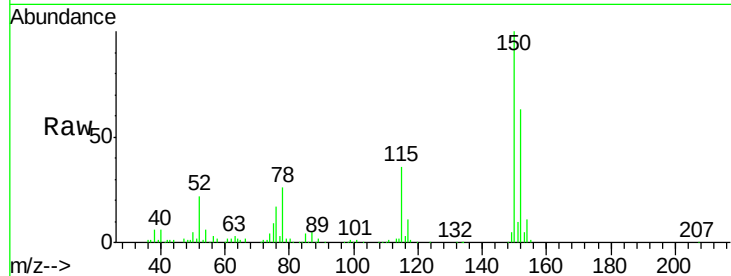


#72

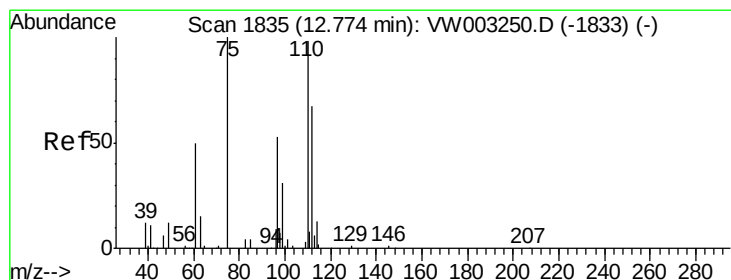
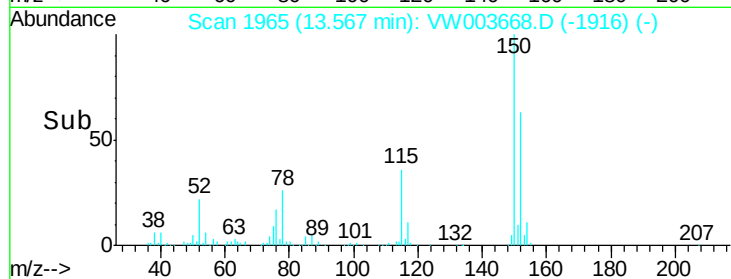
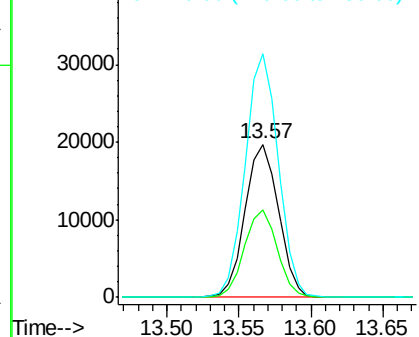
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 31859
Ion Ratio Lower Upper
152 100
115 55.9 29.3 88.0
150 156.6 0.0 349.6



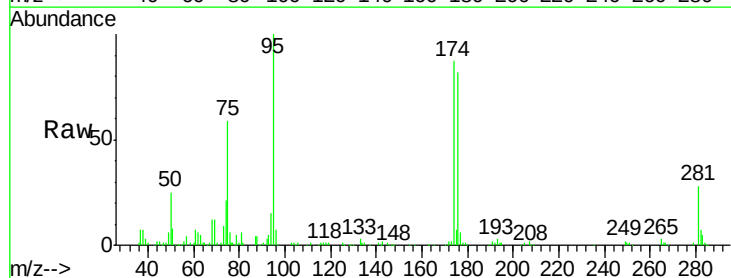
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



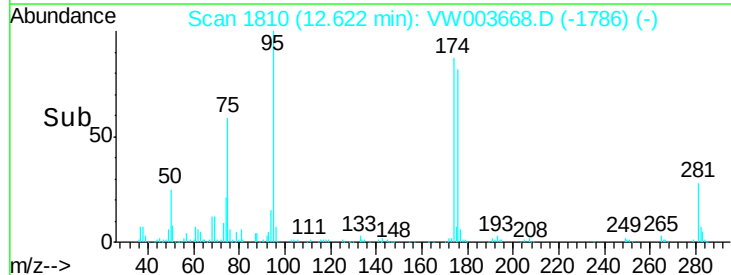
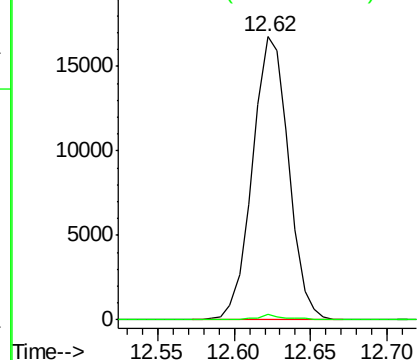
#76

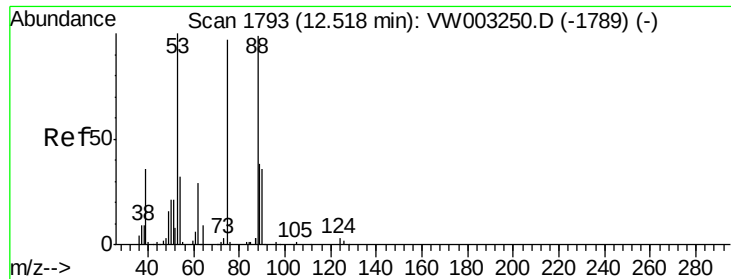
1,2,3-Trichloropropane
Concen: 101.007 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003668.D
Acq: 29 Jun 2018 18:33

Tgt Ion: 75 Resp: 27510
Ion Ratio Lower Upper
75 100
77 1.3 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: 232.422 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003668.D

Acq: 29 Jun 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

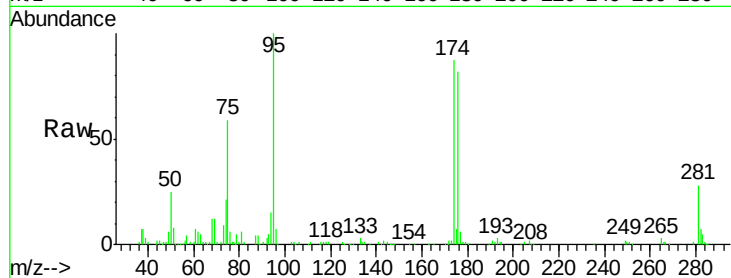
Tot Ion: 75 Resp: 27510

Ion Ratio Lower Upper

75 100

53 0.5 82.9 124.3#

89 0.5 36.7 55.1#



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

