

Data File : VW006827.D
Acq On : 13 Nov 2018 01:53
Operator : SY/AP
Sample : J5908-27RE
Misc : 2.83G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Nov 13 03:35:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	124440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110749	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.89	113	108676	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	10.33	98	406722	41.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.54%	
62) 4-Bromofluorobenzene	12.62	95	111947	30.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.68%	

Target Compounds

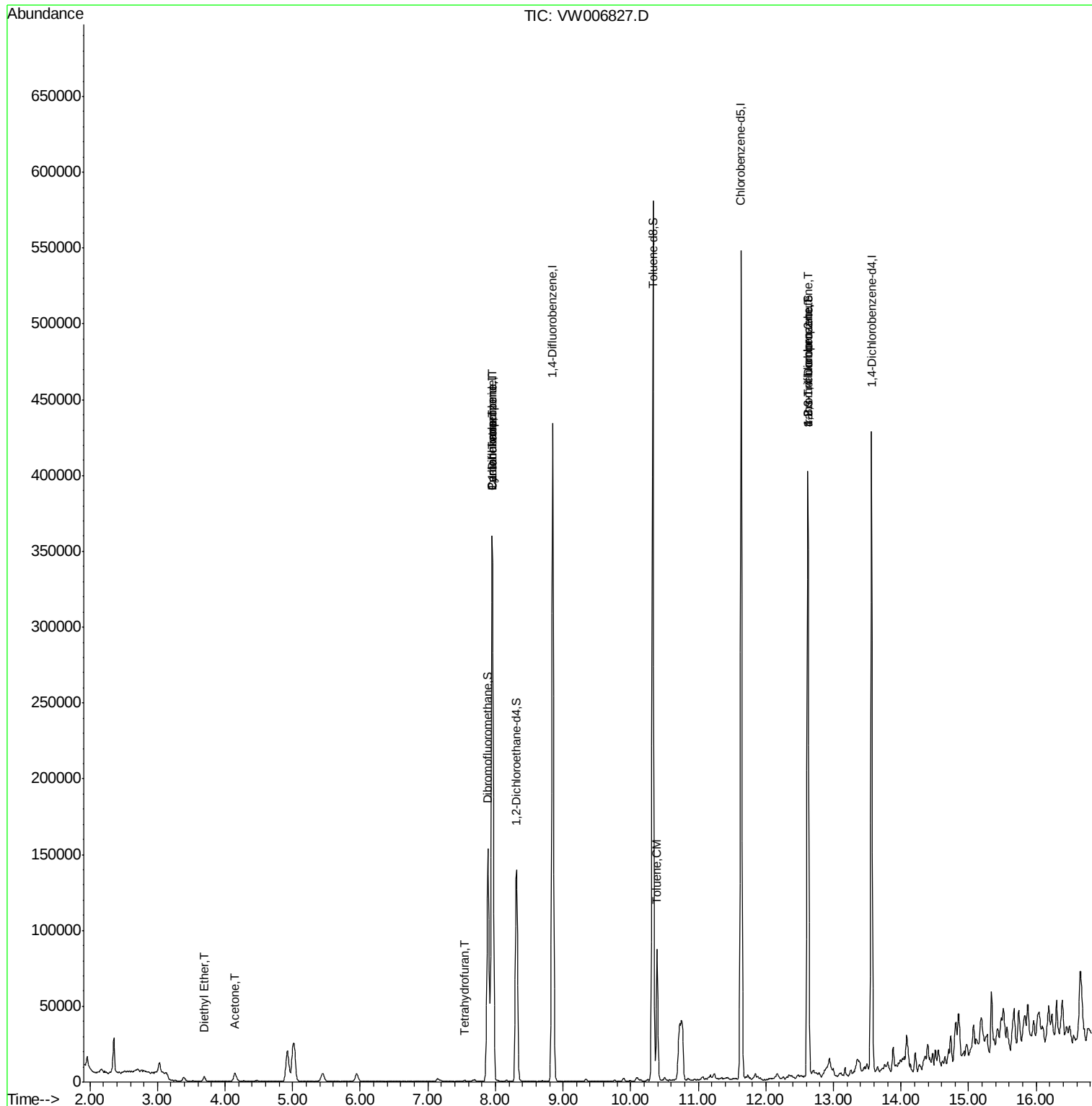
						Qvalue
8) Diethyl Ether	3.69	74	1565	1.334	ug/l	91
16) Acetone	4.15	43	10670	33.529	ug/l	96
29) Tetrahydrofuran	7.56	42	597	1.733	ug/l #	62
31) Cyclohexane	7.95	56	5101	1.201	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	18050	4.830	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26270	6.468	ug/l #	15
52) Toluene	10.39	92	37878	5.142	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	52970	59.066	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	52970	146.104	ug/l #	13

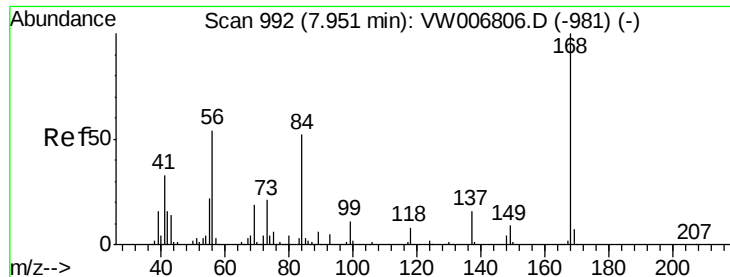
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

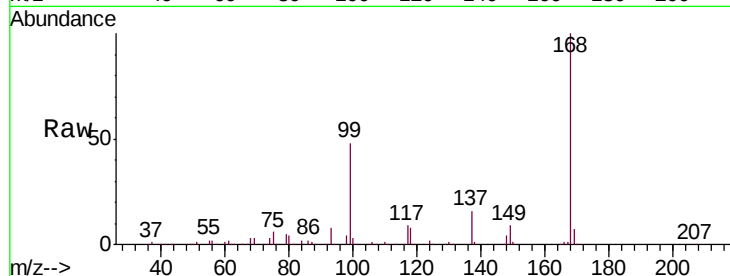
VSTDCCC050

Tgt Ion:168 Resp: 303118

Ion Ratio Lower Upper

168 100

99 47.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

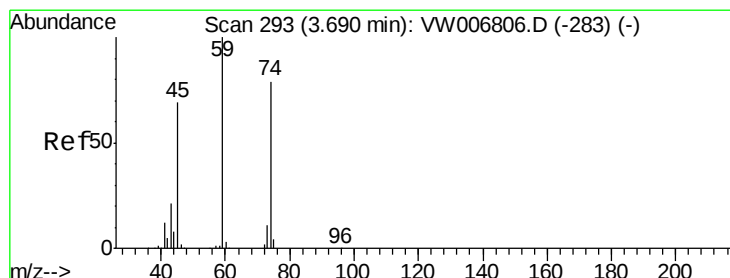
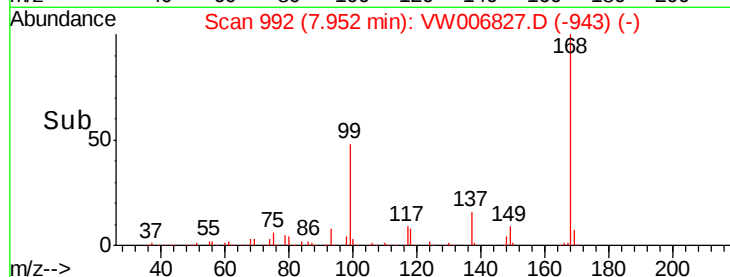
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.334 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW006827.D

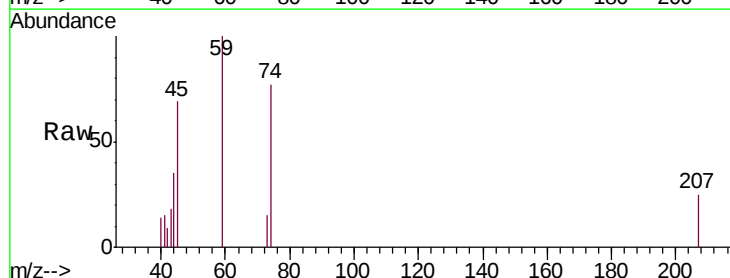
Acq: 13 Nov 2018 01:53

Tgt Ion: 74 Resp: 1565

Ion Ratio Lower Upper

74 100

45 94.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

600

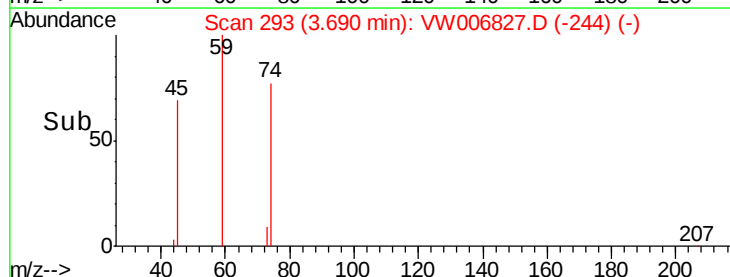
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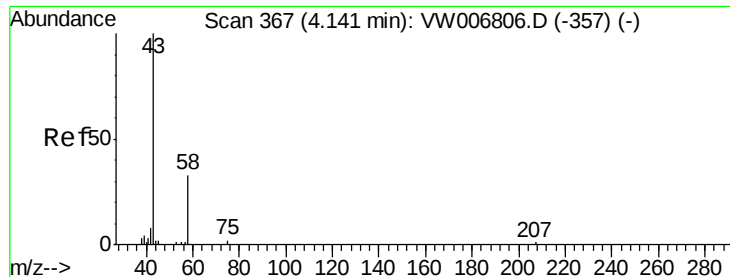
200

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 33.529 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

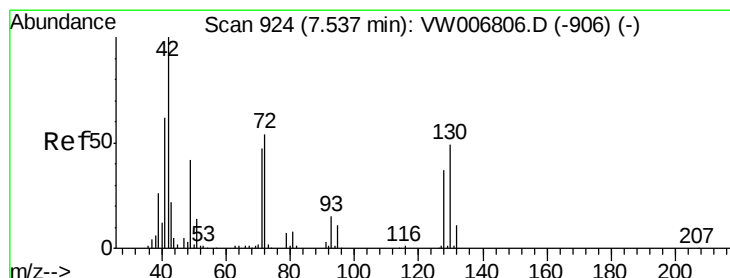
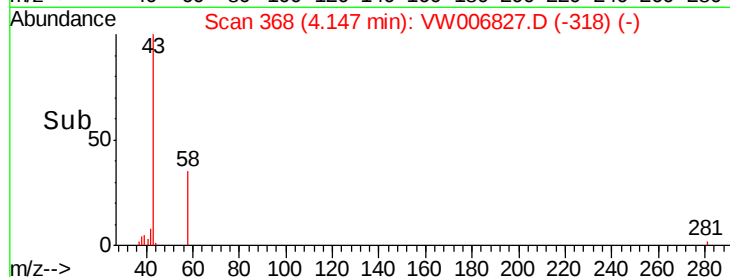
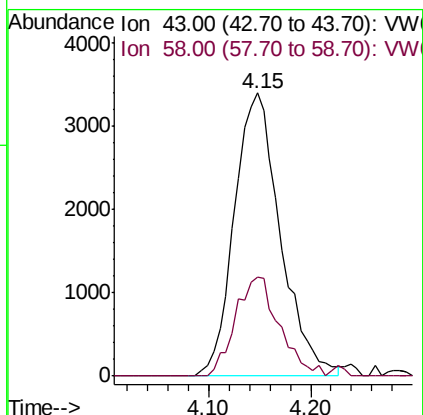
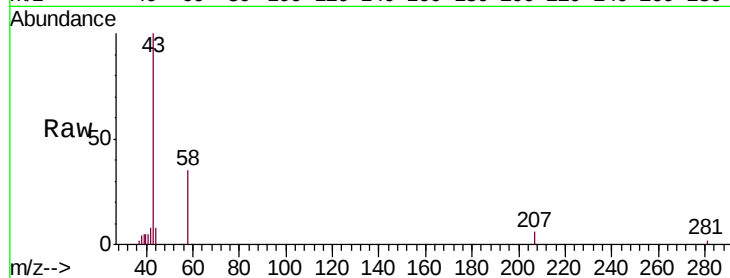
VSTDCCC050

Tgt Ion: 43 Resp: 10670

Ion Ratio Lower Upper

43 100

58 35.2 26.5 39.7



#29

Tetrahydrofuran

Concen: 1.733 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.02 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

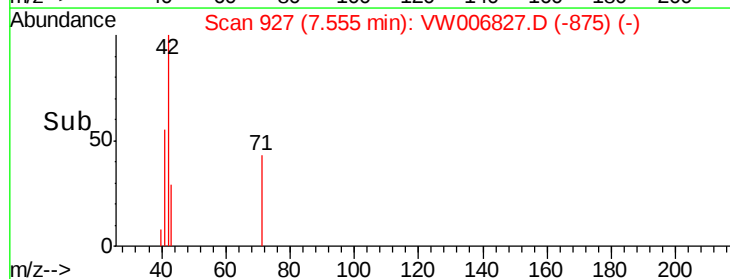
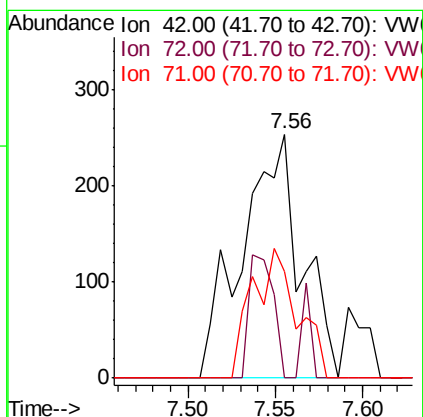
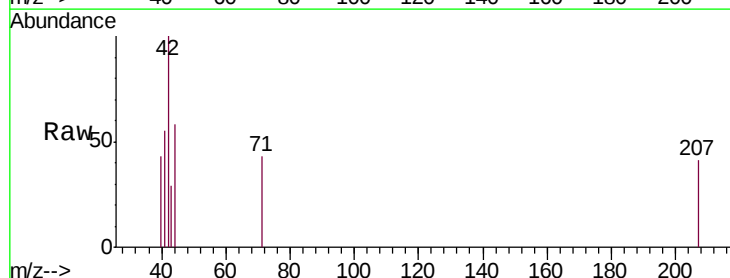
Tgt Ion: 42 Resp: 597

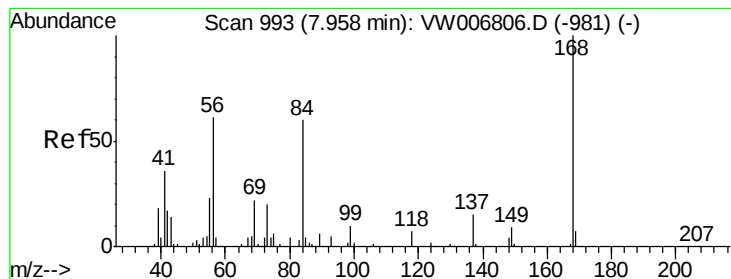
Ion Ratio Lower Upper

42 100

72 6.0 40.9 61.3#

71 40.5 36.9 55.3





#31

Cyclohexane

Concen: 1.201 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

VSTDCCC050

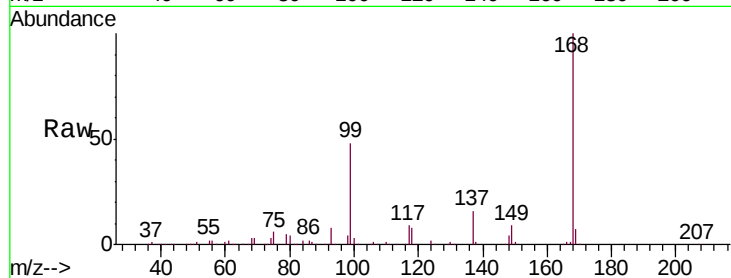
Tgt Ion: 56 Resp: 5101

Ion Ratio Lower Upper

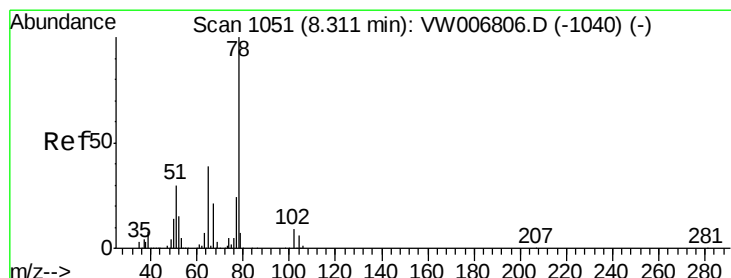
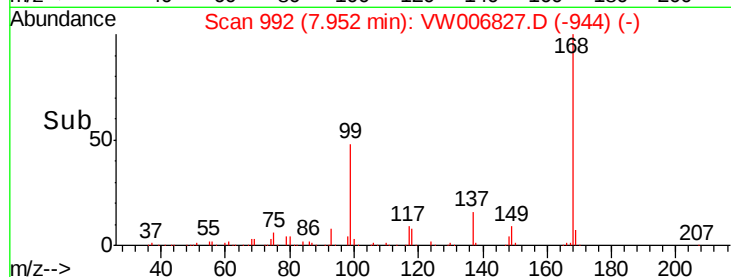
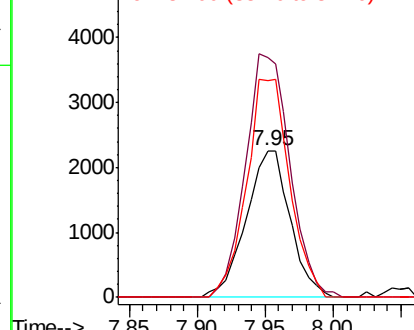
56 100

69 164.0 28.9 43.3#

84 148.1 79.0 118.4#



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: 49.980 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006827.D

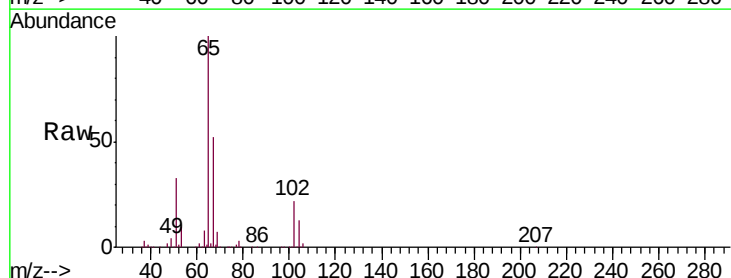
Acq: 13 Nov 2018 01:53

Tgt Ion: 65 Resp: 110749

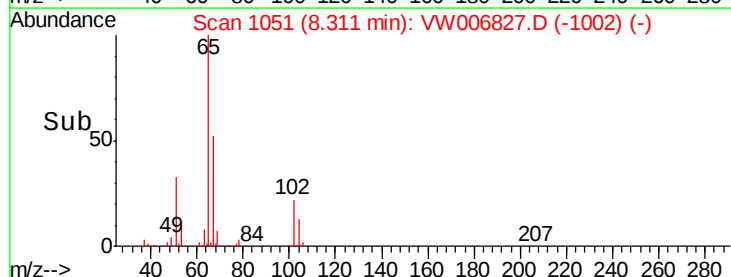
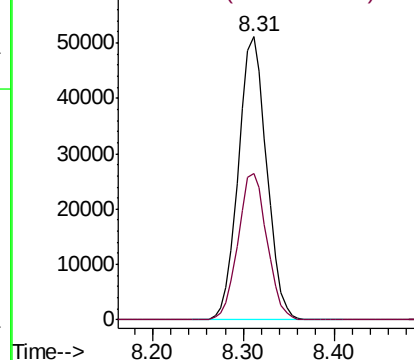
Ion Ratio Lower Upper

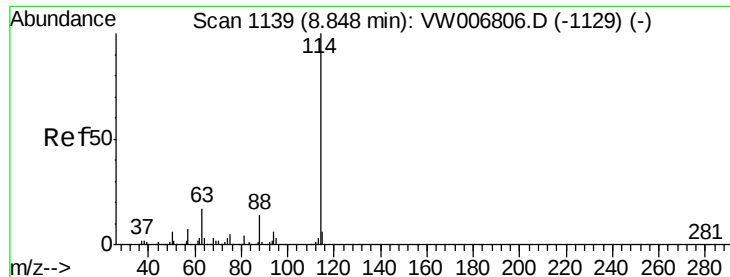
65 100

67 52.8 0.0 104.4



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

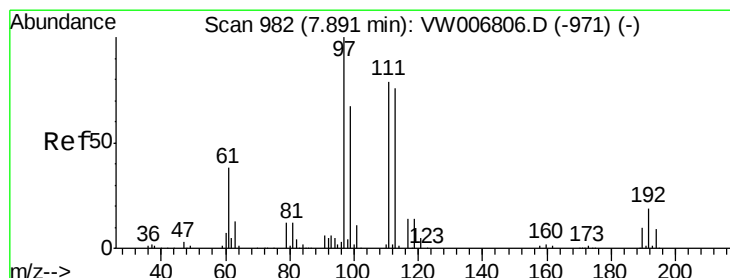
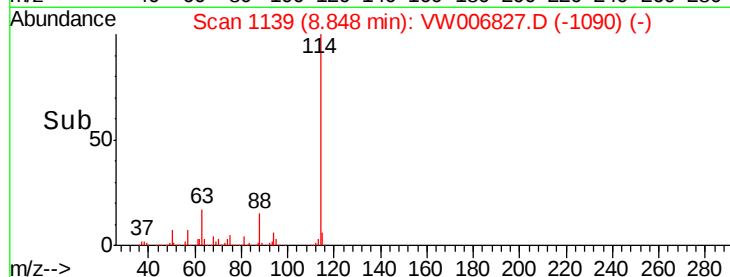
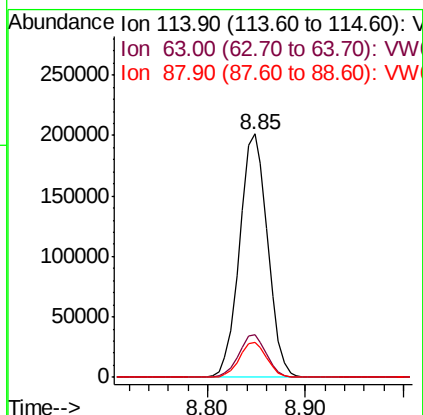
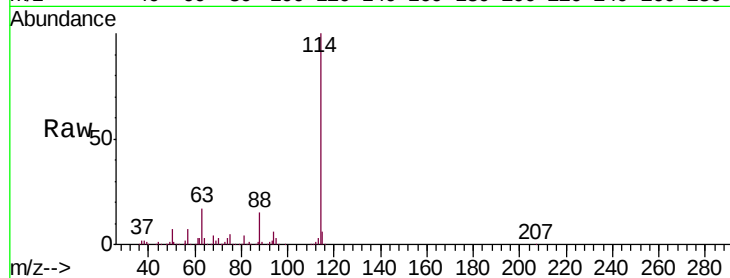




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006827.D
 Acq: 13 Nov 2018 01:53

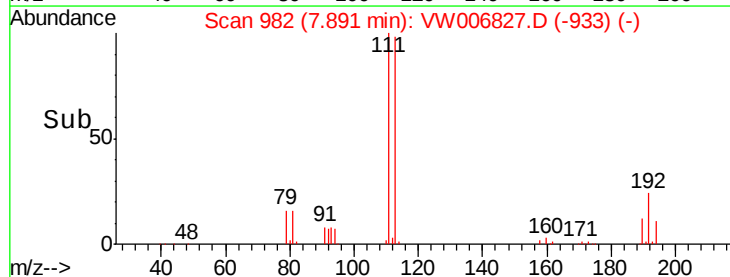
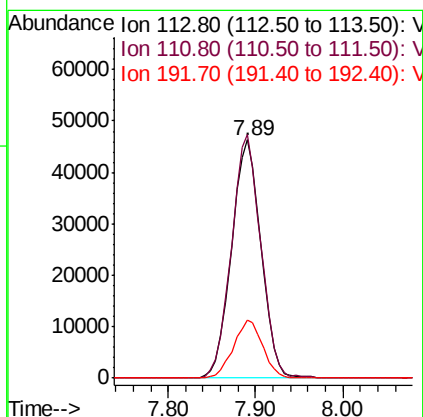
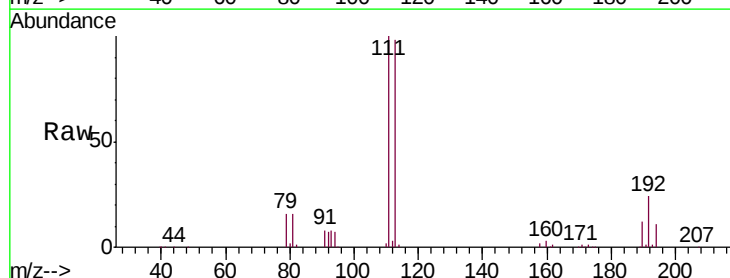
Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

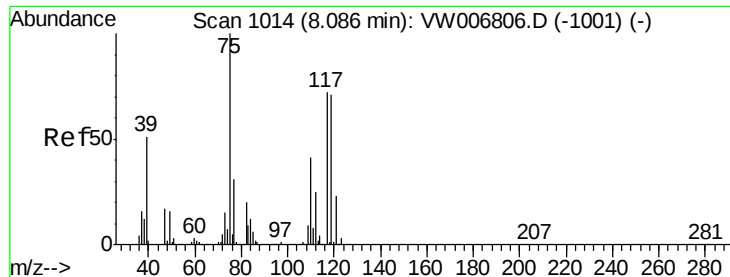
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	33.6
88	14.6	0.0	28.4



#35
 Dibromofluoromethane
 Concen: 45.705 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006827.D
 Acq: 13 Nov 2018 01:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.6
192	24.1	19.0	28.6

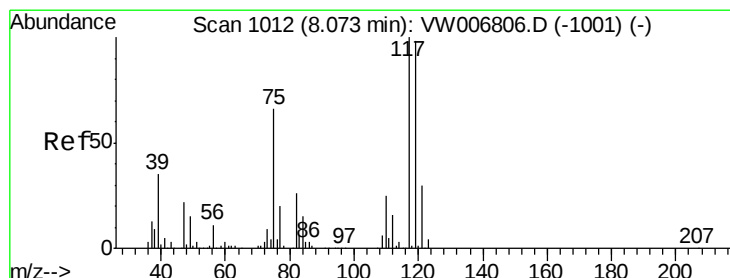
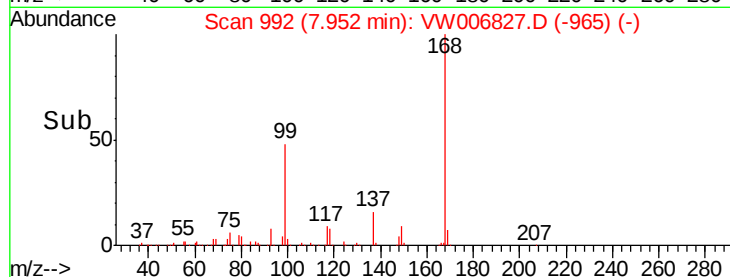
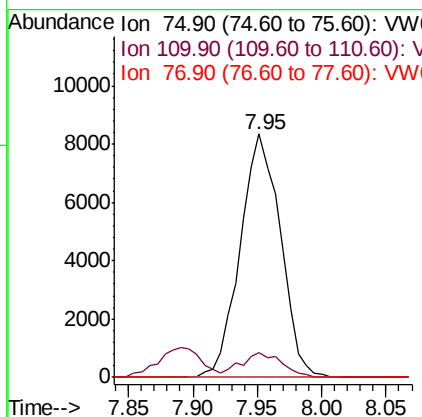
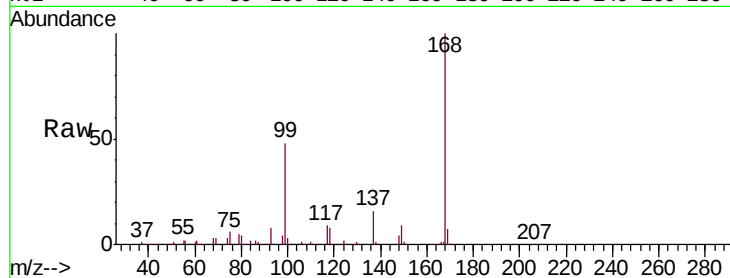




#36
 1,1-Dichloropropene
 Concen: 4.830 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006827.D
 Acq: 13 Nov 2018 01:53

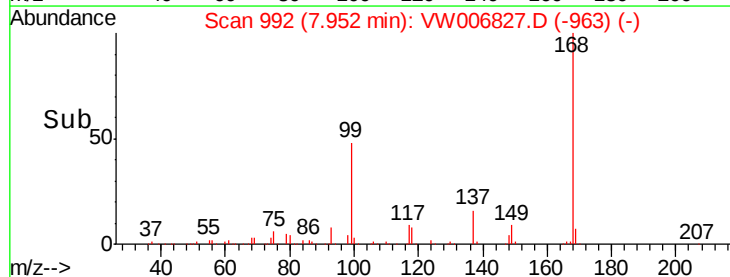
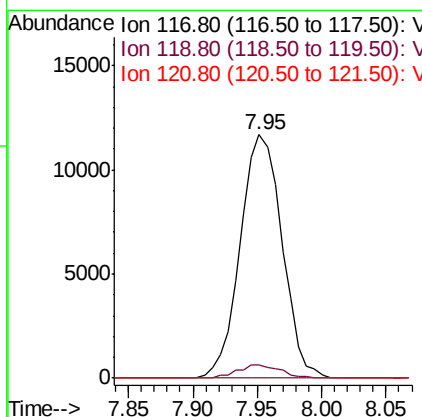
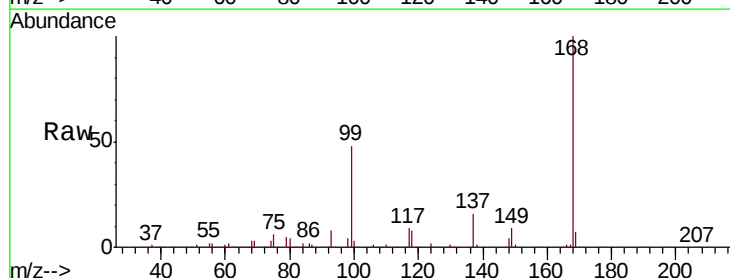
Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

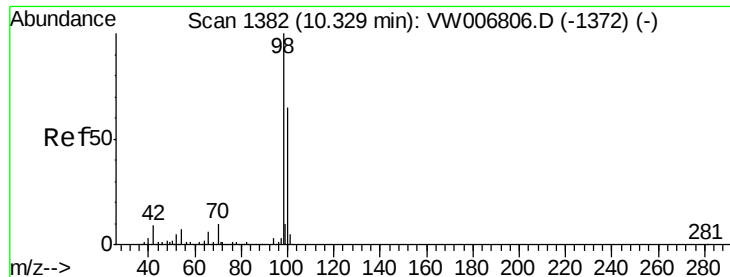
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.468 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006827.D
 Acq: 13 Nov 2018 01:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 41.268 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

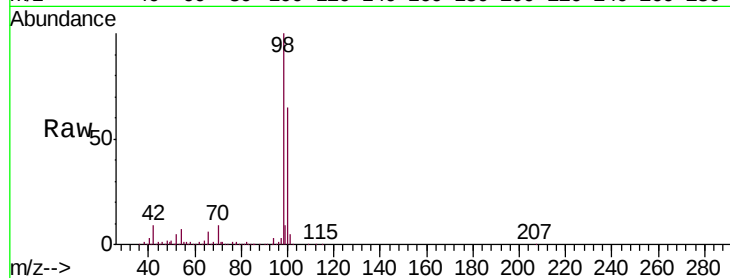
VSTDCCC050

Tgt Ion: 98 Resp: 406722

Ion Ratio Lower Upper

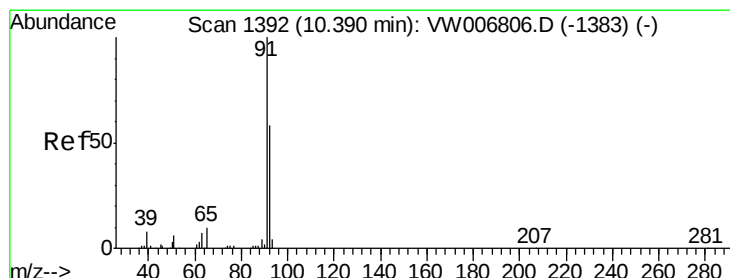
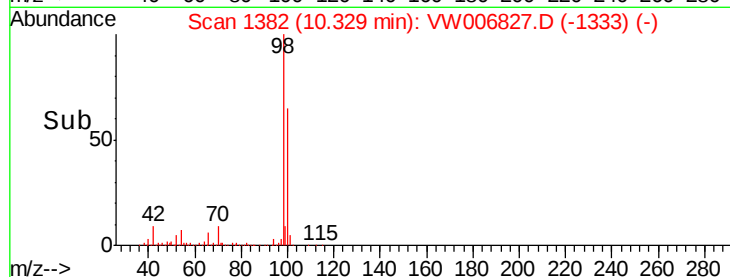
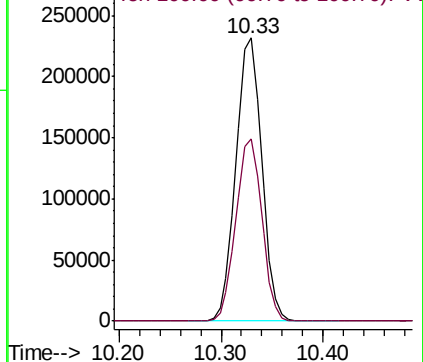
98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 5.142 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006827.D

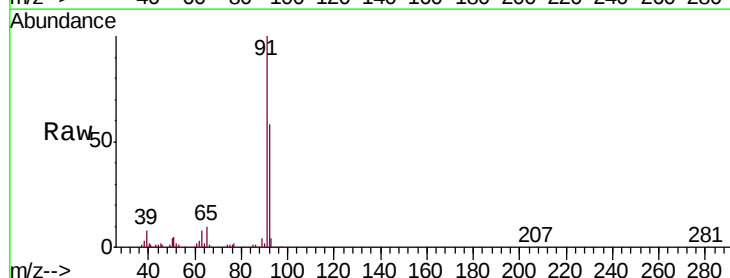
Acq: 13 Nov 2018 01:53

Tgt Ion: 92 Resp: 37878

Ion Ratio Lower Upper

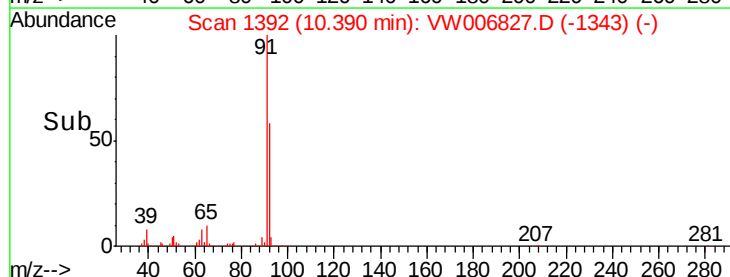
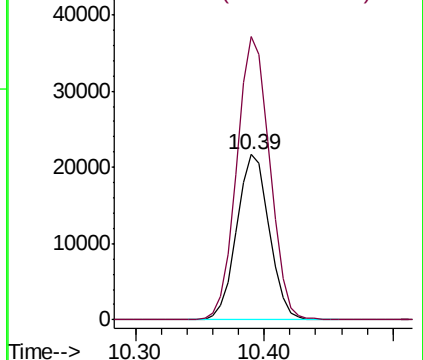
92 100

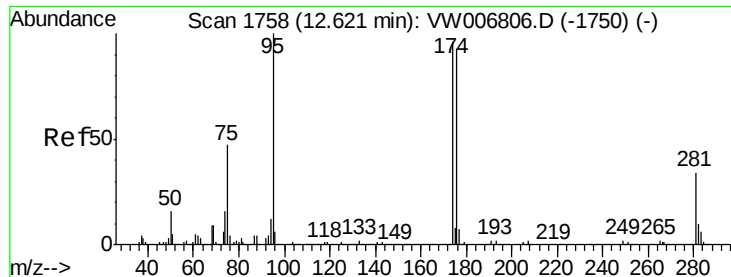
91 173.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

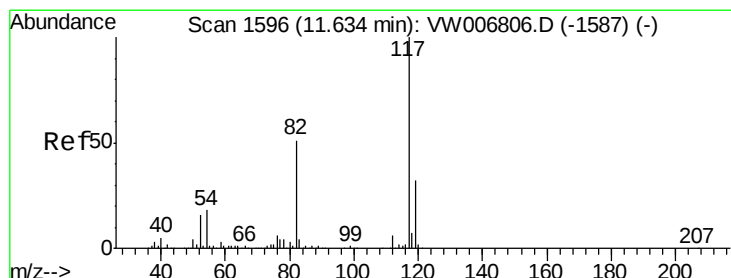
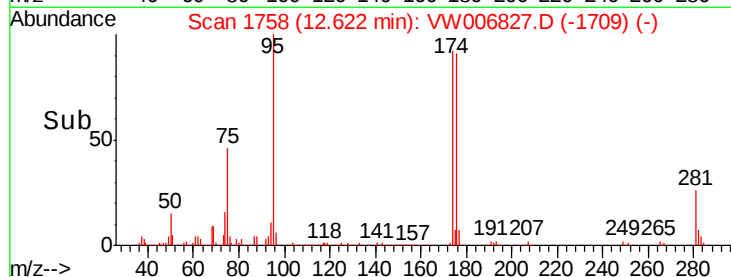
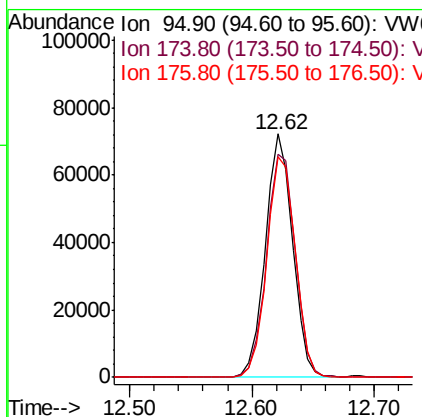
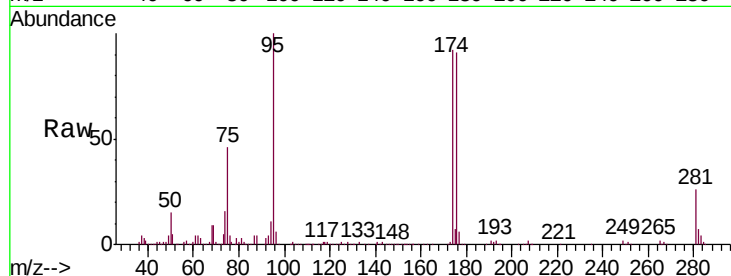




#62
4-Bromofluorobenzene
Concen: 30.840 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006827.D
Acq: 13 Nov 2018 01:53

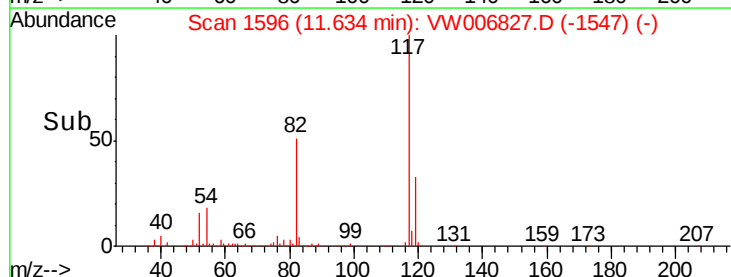
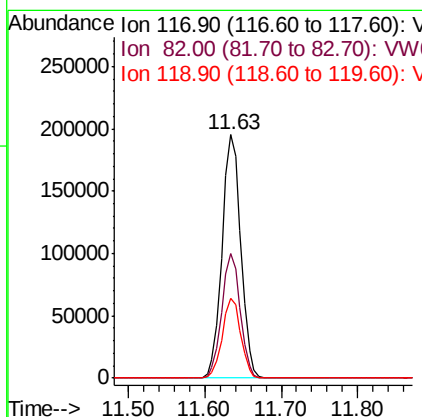
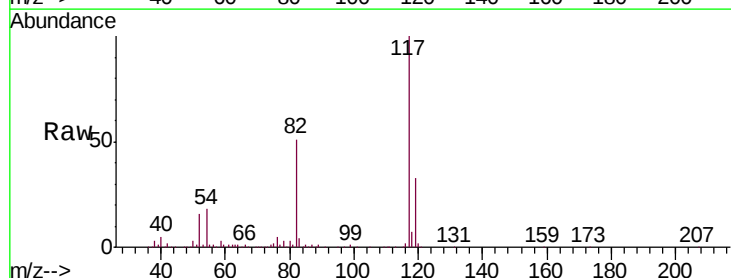
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

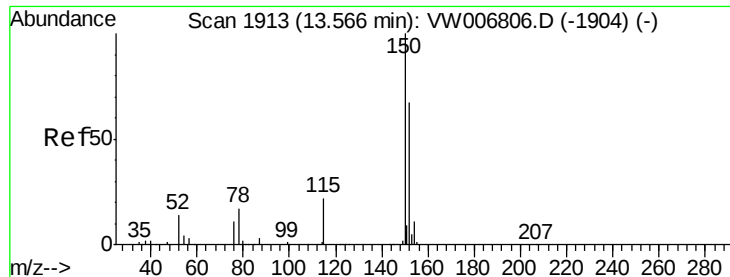
Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	196.6
176	94.5	0.0	191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006827.D
Acq: 13 Nov 2018 01:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.6	61.0
119	32.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

VSTDCCC050

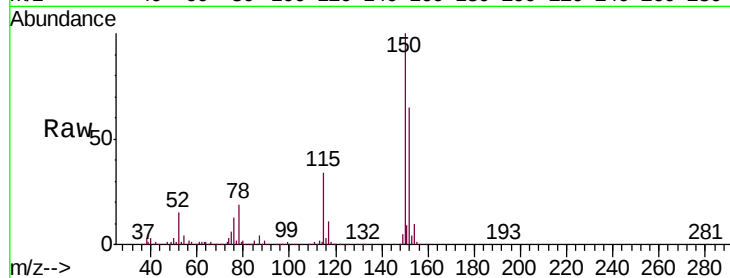
Tgt Ion:152 Resp: 124440

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

150 155.9 0.0 353.0

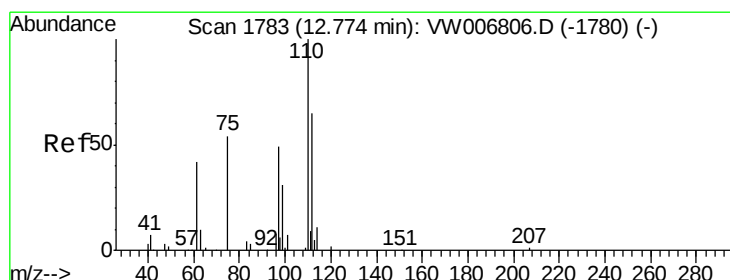
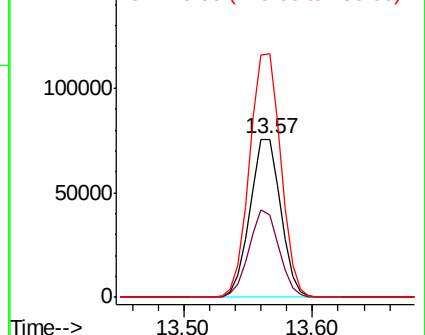
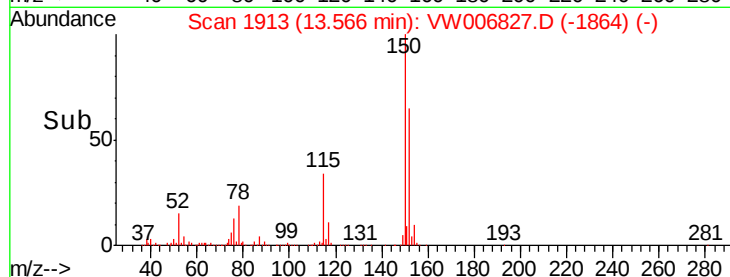


Abundance

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: 59.066 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006827.D

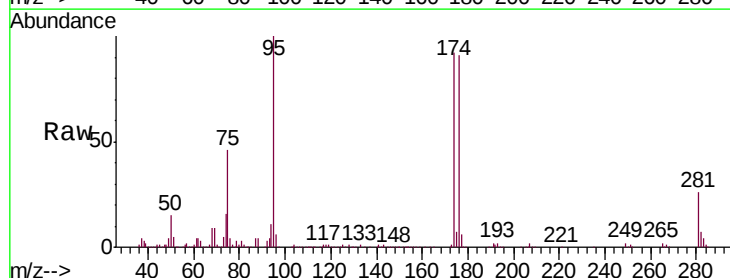
Acq: 13 Nov 2018 01:53

Tgt Ion: 75 Resp: 52970

Ion Ratio Lower Upper

75 100

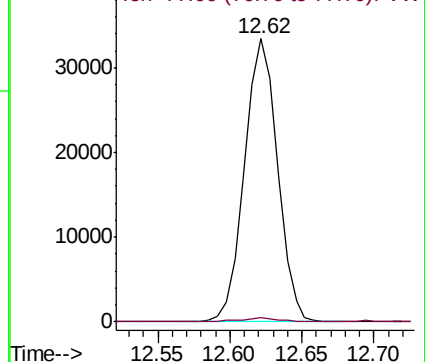
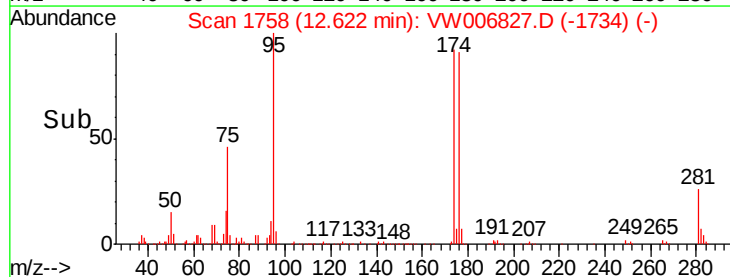
77 1.9 0.0 0.0#

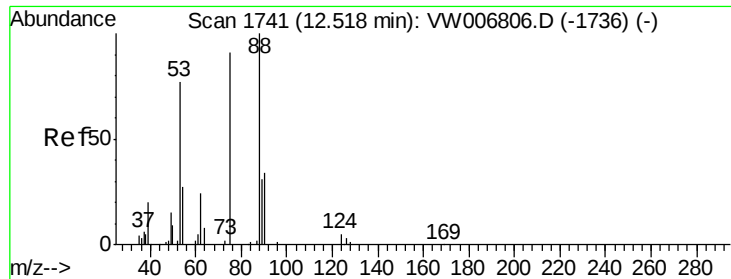


Abundance

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: 146.104 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA_W

LabSampleId :

VSTDCCC050

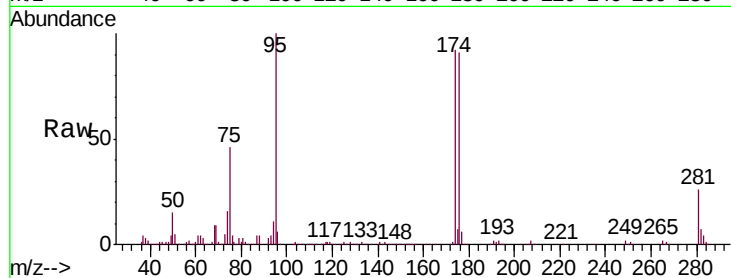
Tgt Ion: 75 Resp: 52970

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 38.7 58.1#



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

