

Data File : VW011149.D
Acq On : 03 Jul 2019 19:25
Operator : SY/VA
Sample : K3624-03
Misc : 4.9G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-01-070319-B

Quant Time: Jul 04 03:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132784	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	98655	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.32	98	403750	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.62	95	128023	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	

Target Compounds

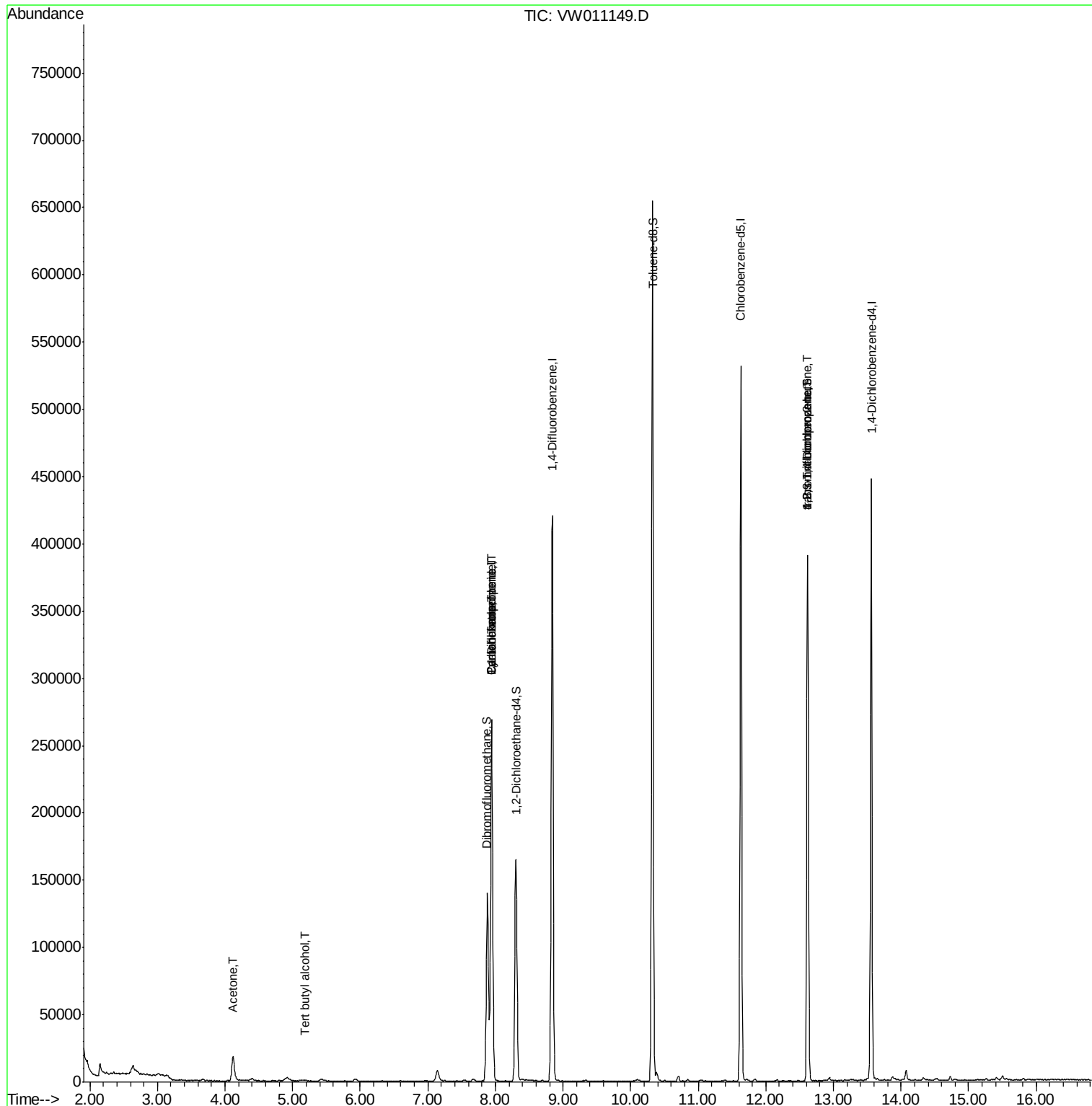
						Qvalue
11) Tert butyl alcohol	5.17	59	841	4.595	ug/l #	79
16) Acetone	4.12	43	34633	56.296	ug/l	97
31) Cyclohexane	7.94	56	5315	1.102	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	16934	4.786	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19899	6.829	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	69484	61.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69484	124.404	ug/l #	3

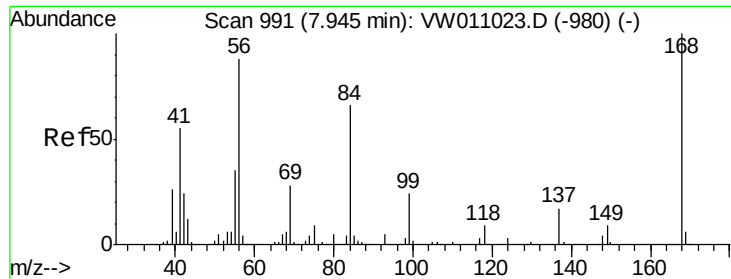
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

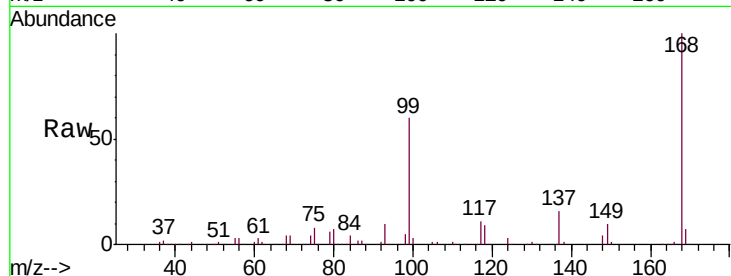
PL-01-070319-B

Tgt Ion: 168 Resp: 192792

Ion Ratio Lower Upper

168 100

99 59.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

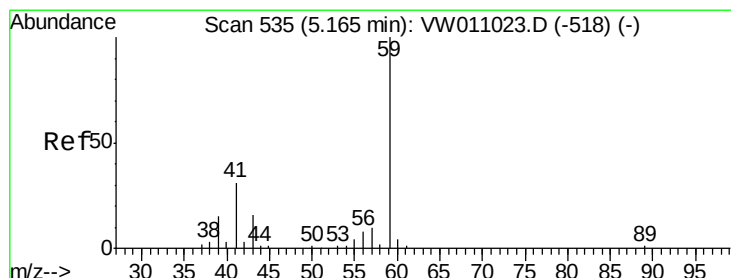
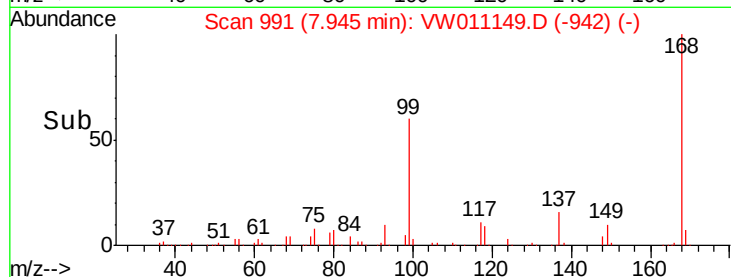
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.595 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011149.D

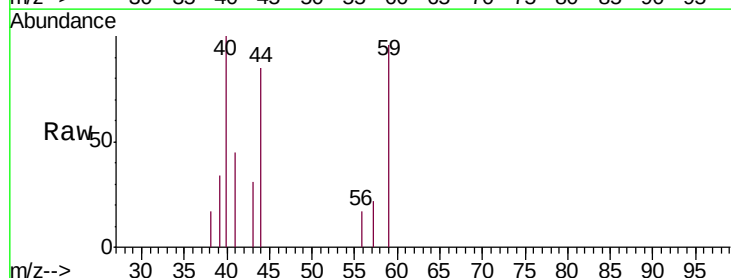
Acq: 03 Jul 2019 19:25

Tgt Ion: 59 Resp: 841

Ion Ratio Lower Upper

59 100

57 3.2 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

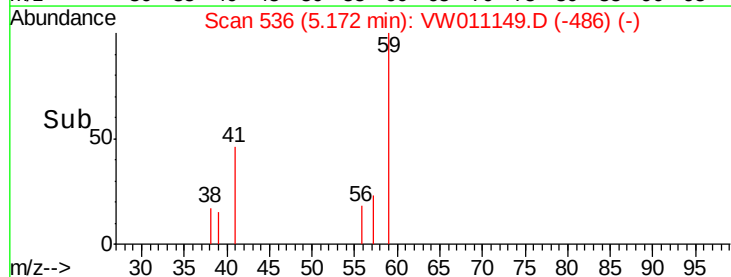
300

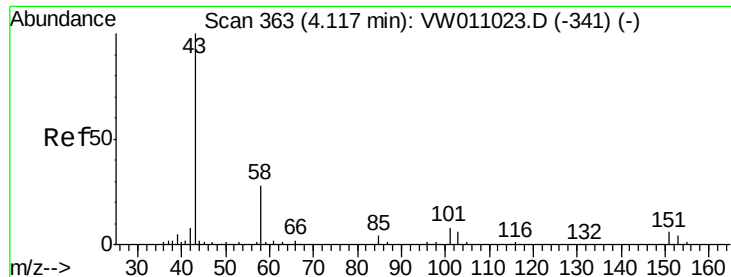
200

100

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 56.296 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011149.D

Acq: 03 Jul 2019 19:25

Instrument :

MSVOA_W

ClientSampleId :

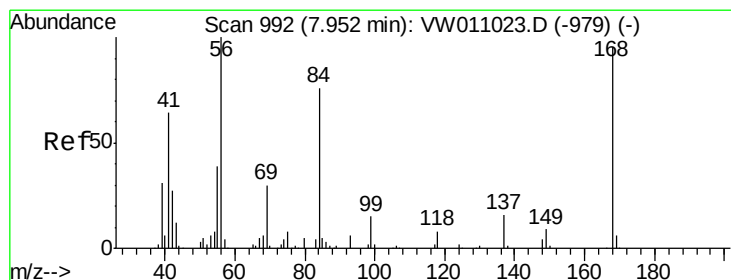
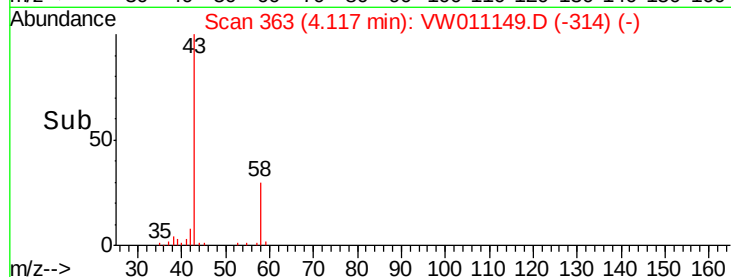
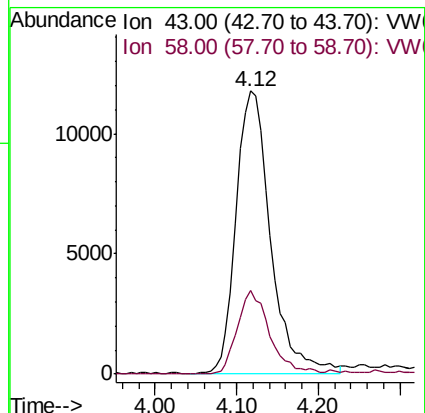
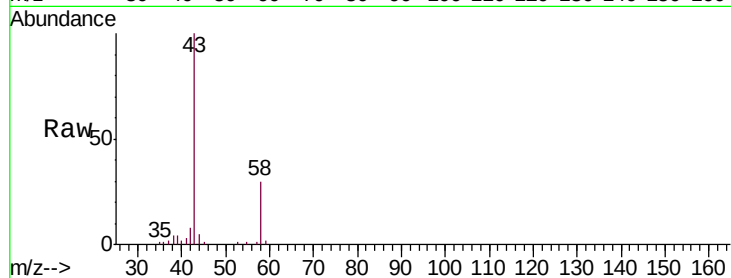
PL-01-070319-B

Tgt Ion: 43 Resp: 34633

Ion Ratio Lower Upper

43 100

58 29.6 22.5 33.7



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011149.D

Acq: 03 Jul 2019 19:25

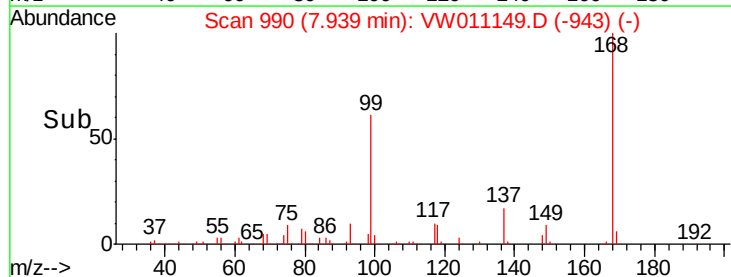
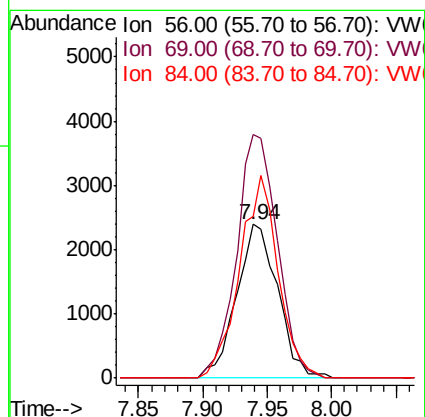
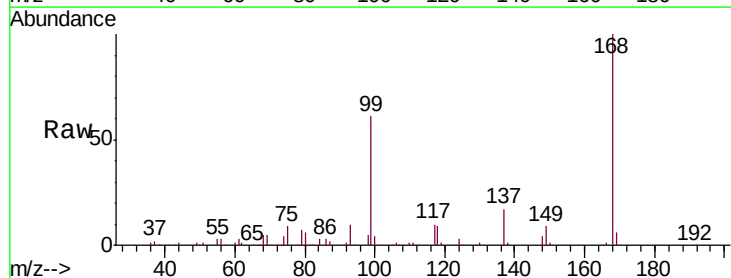
Tgt Ion: 56 Resp: 5315

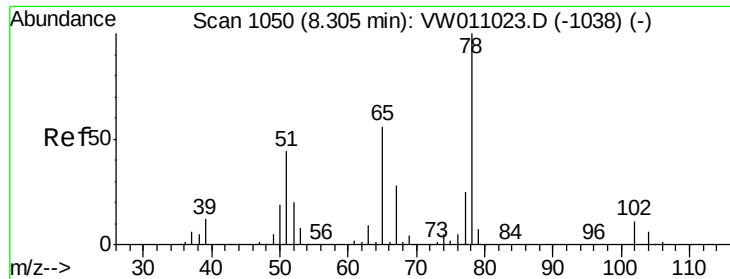
Ion Ratio Lower Upper

56 100

69 158.5 24.2 36.2#

84 105.0 60.6 90.8#

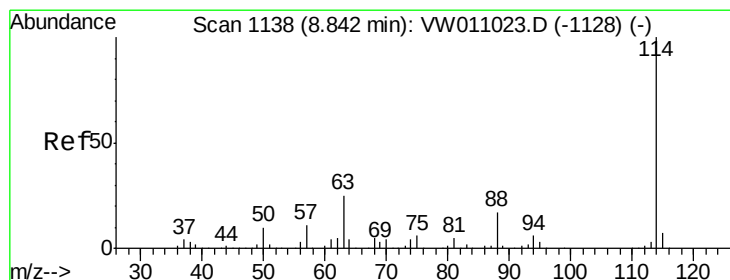
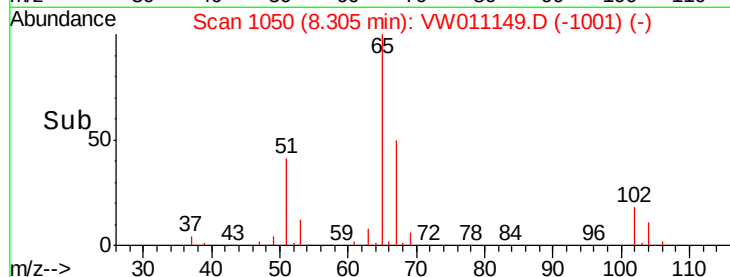
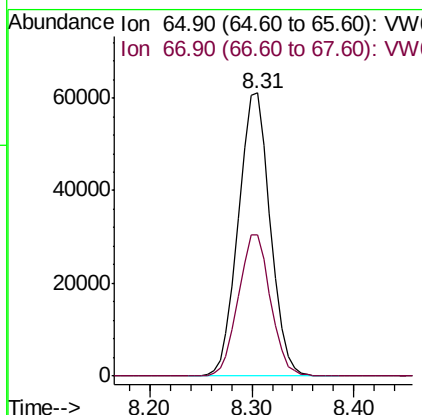
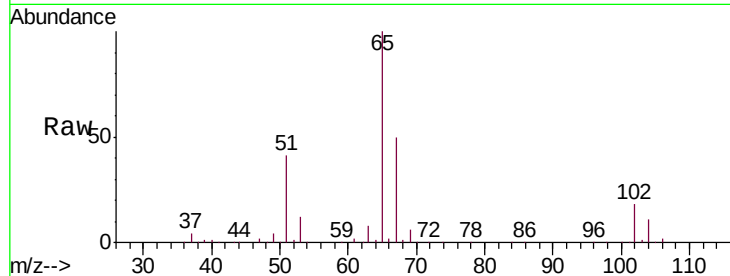




#33
 1,2-Dichloroethane-d4
 Concen: 52.686 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011149.D
 Acq: 03 Jul 2019 19:25

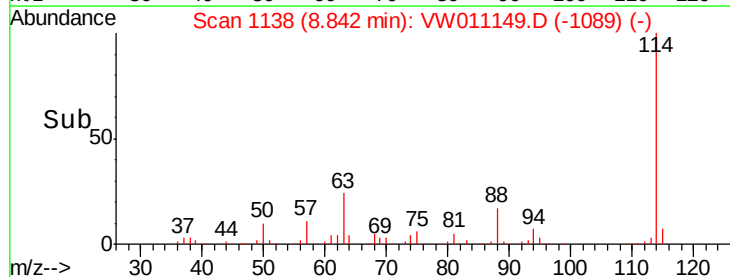
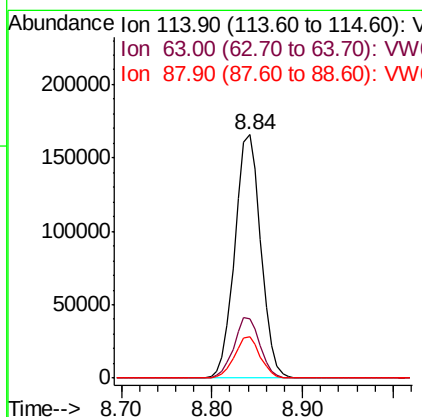
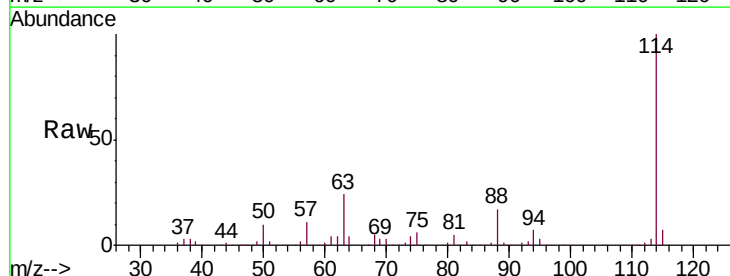
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-070319-B

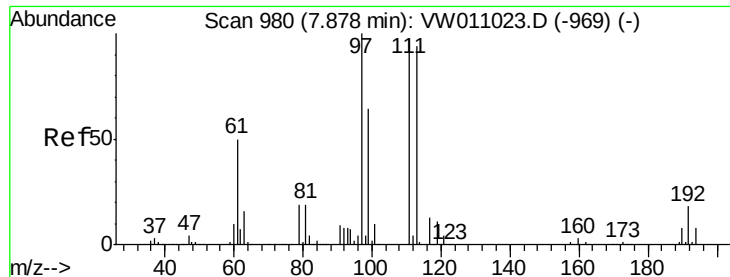
Tgt Ion: 65 Resp: 132784
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011149.D
 Acq: 03 Jul 2019 19:25

Tgt Ion: 114 Resp: 329221
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.6
 88 17.1 0.0 34.0

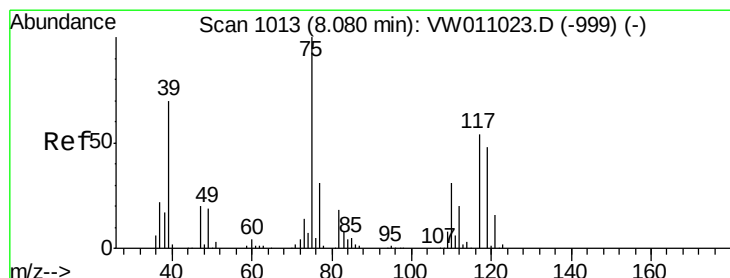
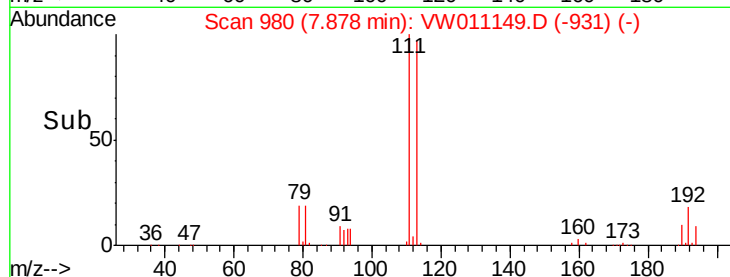
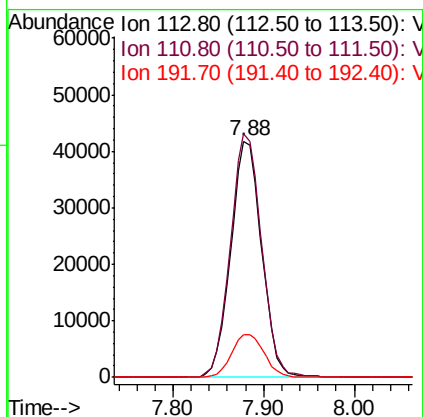
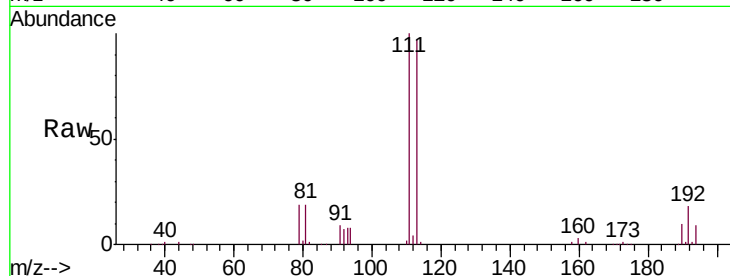




#35
 Dibromofluoromethane
 Concen: 49.073 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011149.D
 Acq: 03 Jul 2019 19:25

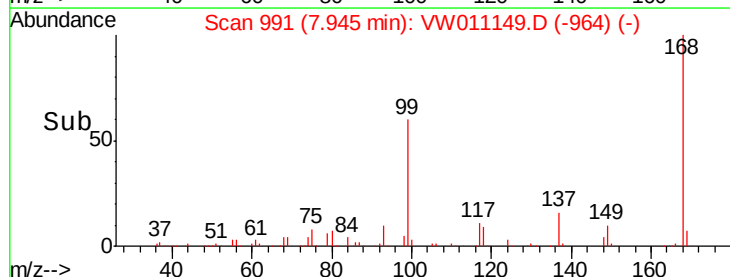
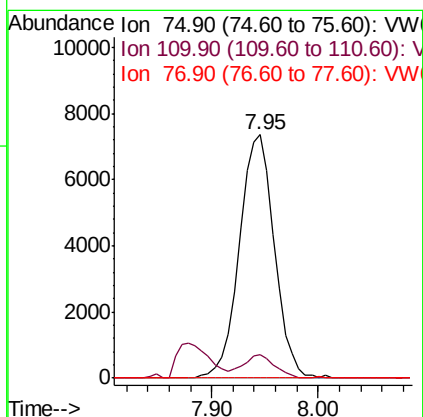
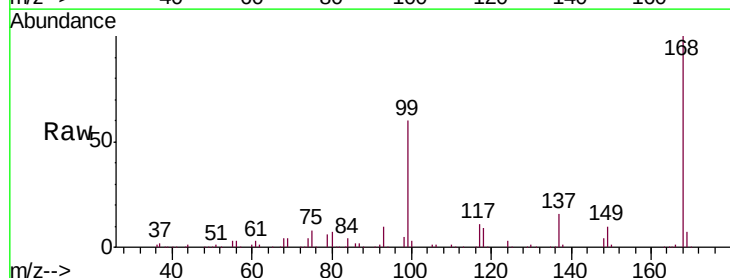
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-070319-B

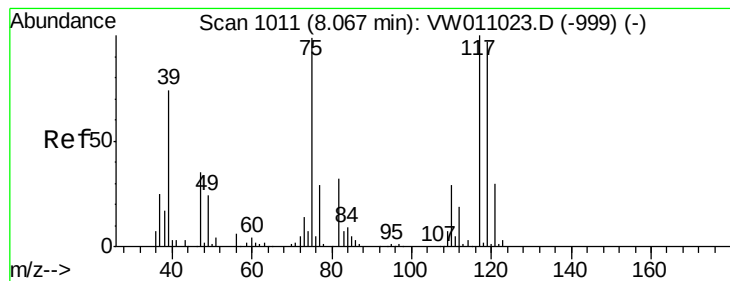
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	19.2	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011149.D
 Acq: 03 Jul 2019 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.5	46.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.829 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011149.D

Acq: 03 Jul 2019 19:25

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-B

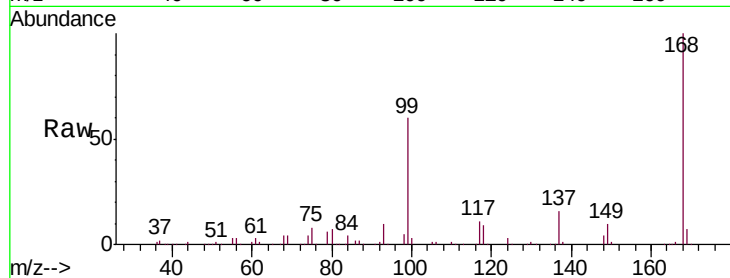
Tgt Ion: 117 Resp: 19899

Ion Ratio Lower Upper

117 100

119 3.5 77.7 116.5#

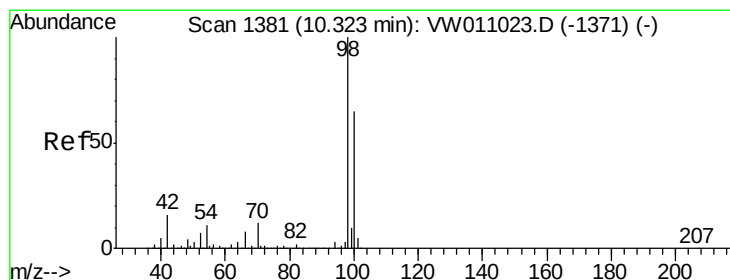
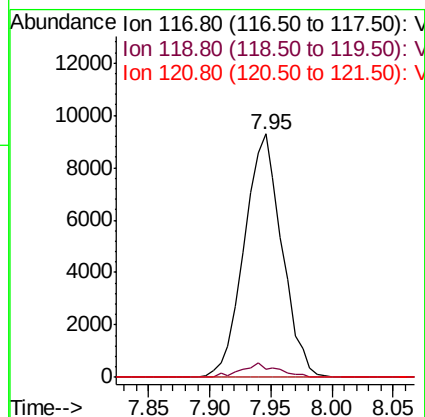
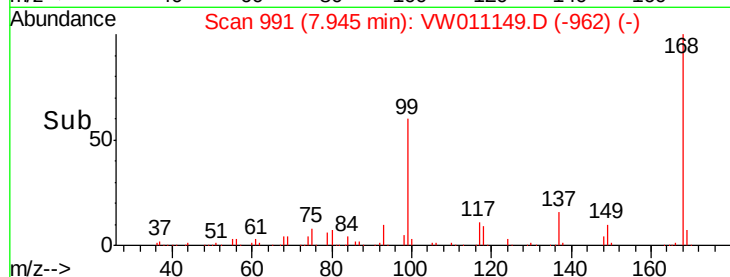
121 0.0 23.9 35.9#



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: 48.791 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011149.D

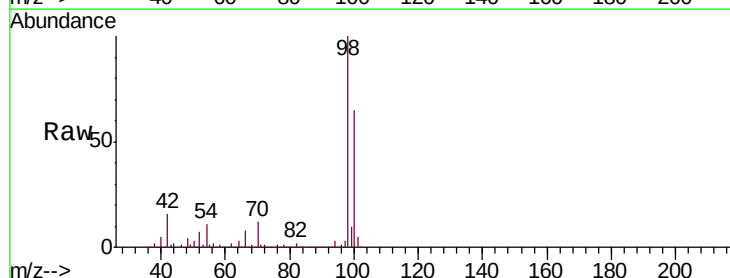
Acq: 03 Jul 2019 19:25

Tgt Ion: 98 Resp: 403750

Ion Ratio Lower Upper

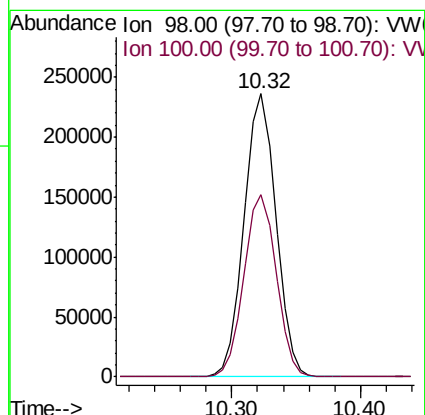
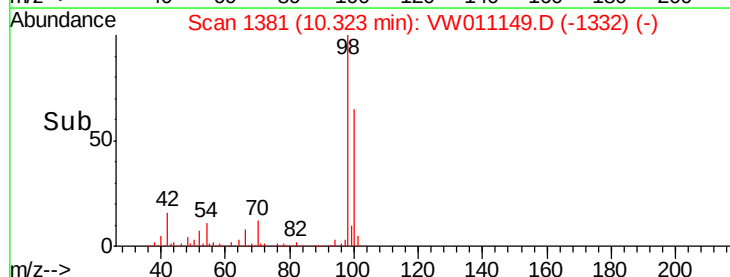
98 100

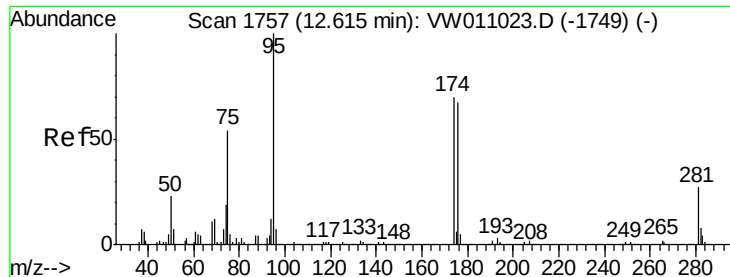
100 65.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

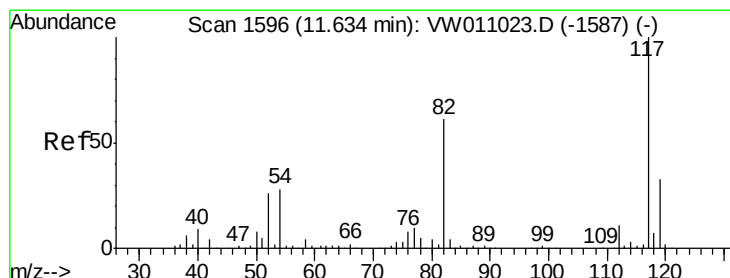
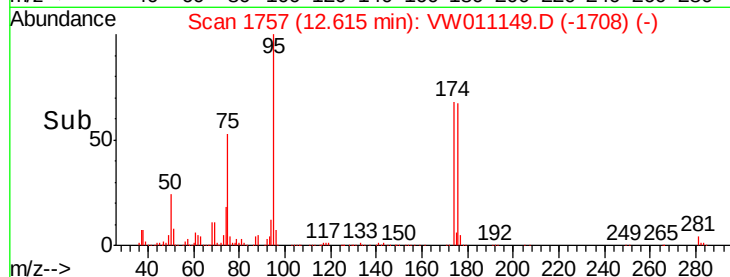
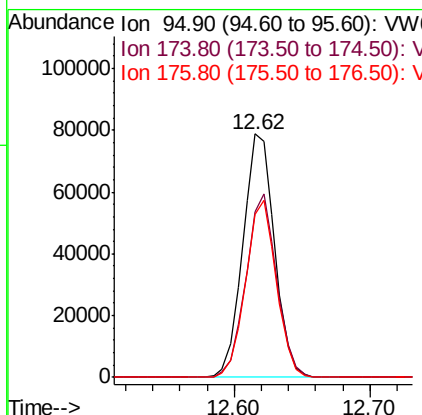
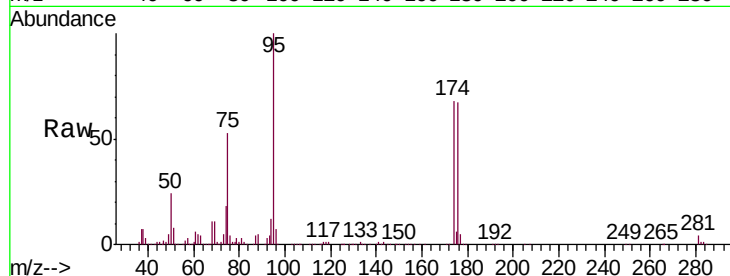




#62
4-Bromofluorobenzene
Concen: 42.299 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011149.D
Acq: 03 Jul 2019 19:25

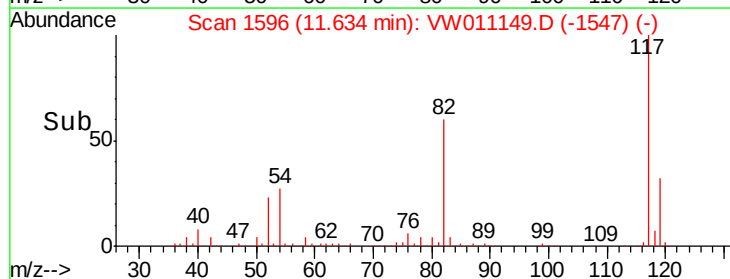
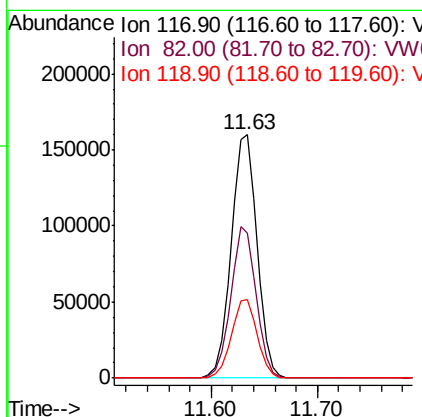
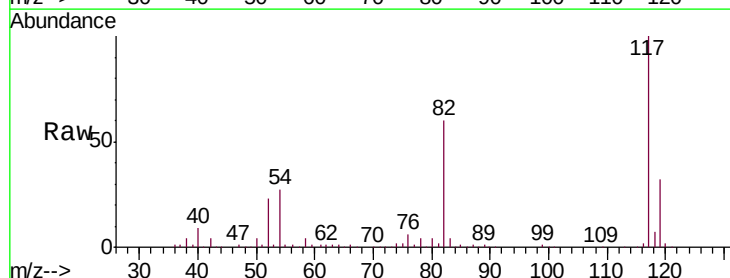
Instrument :
MSVOA_W
ClientSampleId :
PL-01-070319-B

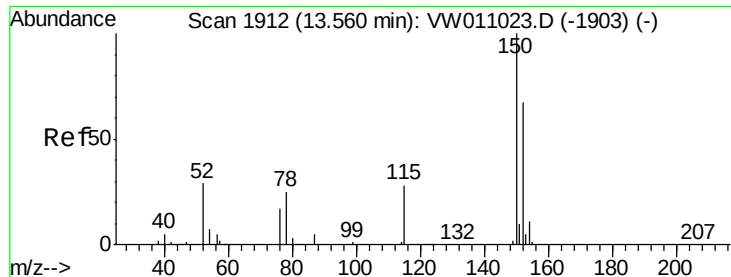
Tgt Ion: 95 Resp: 128023
Ion Ratio Lower Upper
95 100
174 73.4 0.0 149.2
176 70.6 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011149.D
Acq: 03 Jul 2019 19:25

Tgt Ion: 117 Resp: 272553
Ion Ratio Lower Upper
117 100
82 59.7 48.6 73.0
119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011149.D

Acq: 03 Jul 2019 19:25

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-B

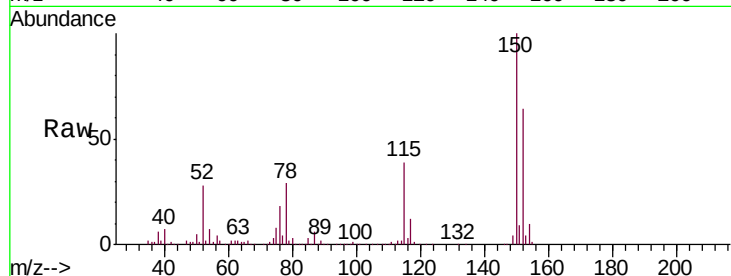
Tgt Ion:152 Resp: 106855

Ion Ratio Lower Upper

152 100

115 61.4 30.7 92.1

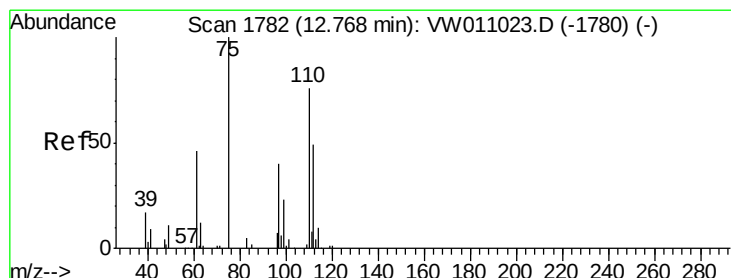
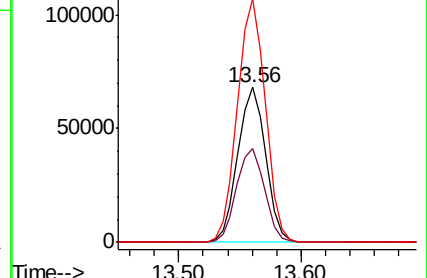
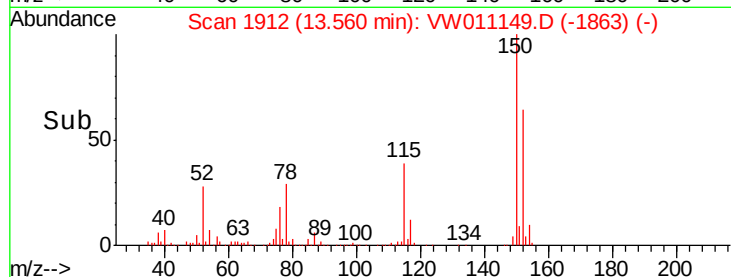
150 158.0 0.0 341.8



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: 61.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011149.D

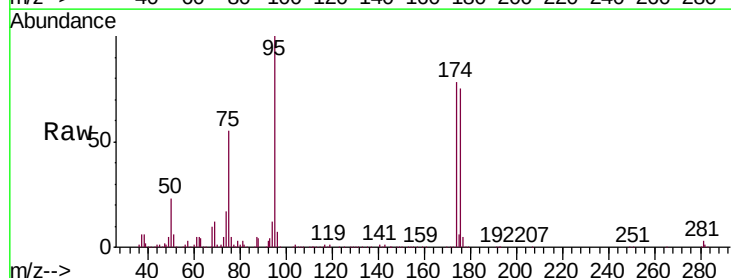
Acq: 03 Jul 2019 19:25

Tgt Ion: 75 Resp: 69484

Ion Ratio Lower Upper

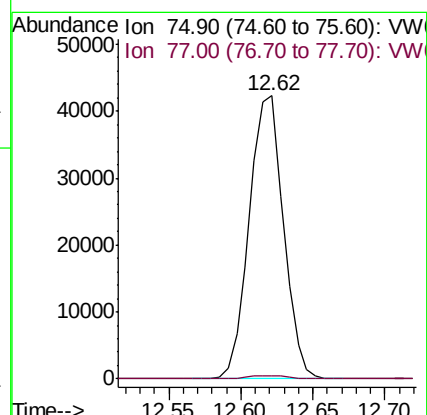
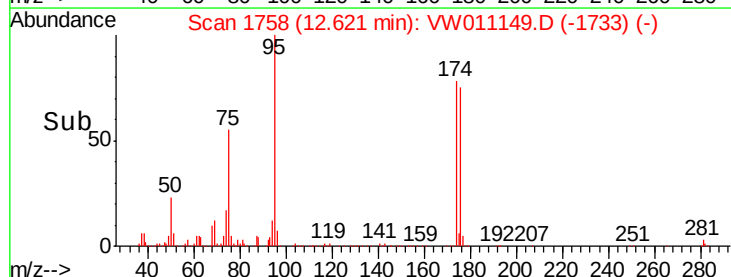
75 100

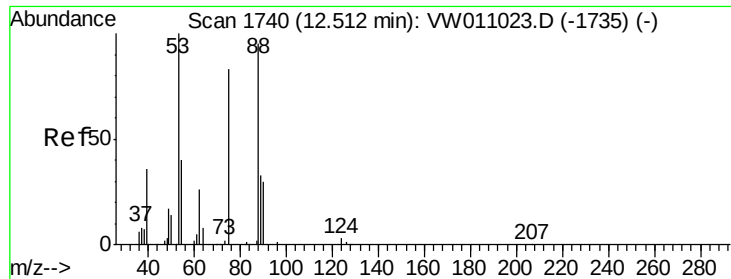
77 1.4 0.0 0.0#



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: 124.404 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011149.D

Acq: 03 Jul 2019 19:25

Instrument :

MSVOA_W

ClientSampleId :

PL-01-070319-B

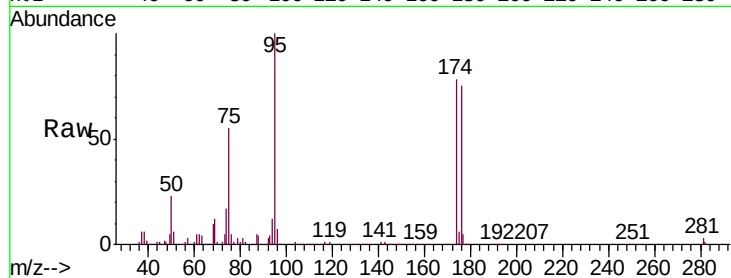
Tgt Ion: 75 Resp: 69484

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#



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

