

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015240.D
 Acq On : 20 Apr 2020 22:38
 Operator : SY/VA
 Sample : L2350-02
 Misc : 6.87G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-S2

Quant Time: Apr 21 06:59:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

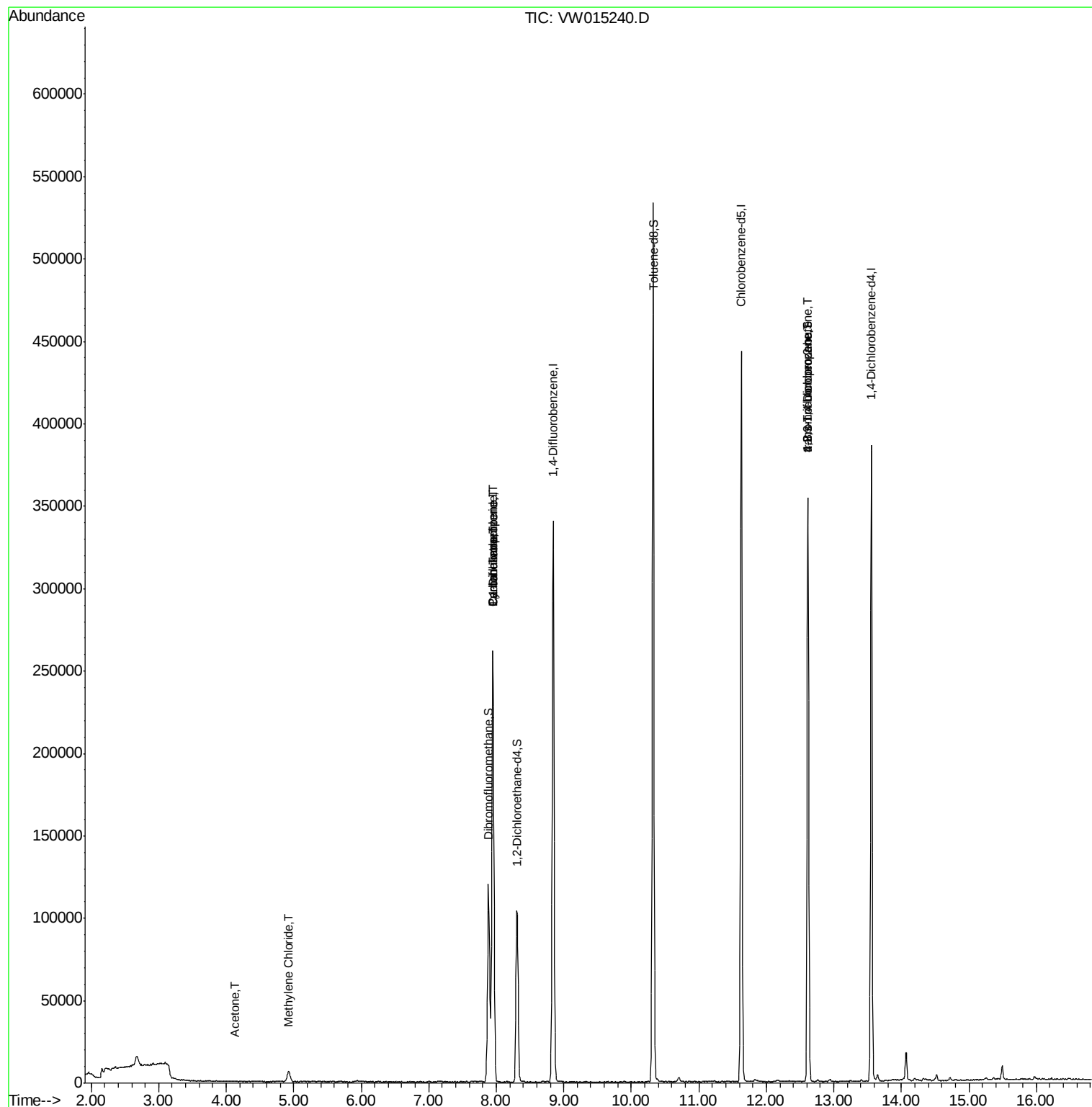
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	83281	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	7.88	113	84340	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.32	98	360021	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.62	95	116075	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	541	1.768	ug/l	98
20) Methylene Chloride	4.92	84	5157	2.571	ug/l #	92
31) Cyclohexane	7.95	56	4006	1.236	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	14134	5.193	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19193	6.453	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	58021	67.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58021	148.594	ug/l #	15

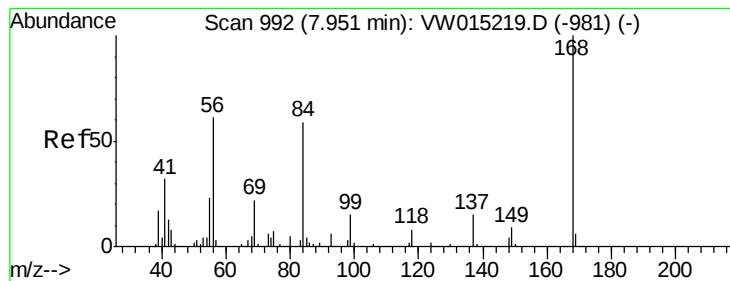
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015240.D

Acq: 20 Apr 2020 22:38

Instrument :

MSVOA_W

ClientSampleId :

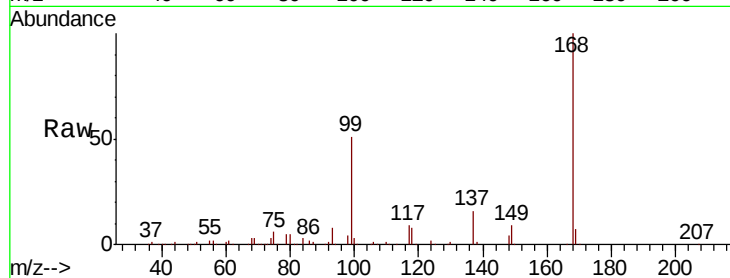
TP-5-S2

Tot Ion:168 Resp: 214298

Ion Ratio Lower Upper

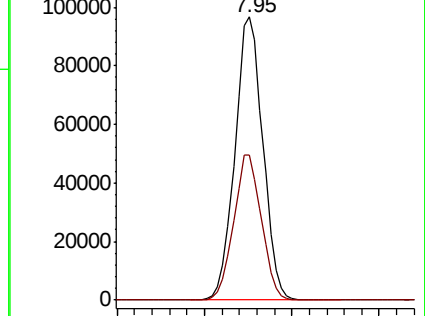
168 100

99 51.2 48.5 72.7

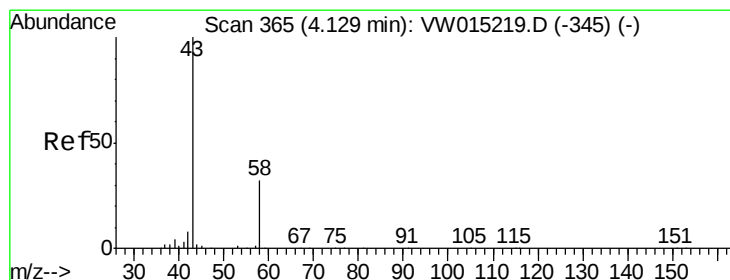
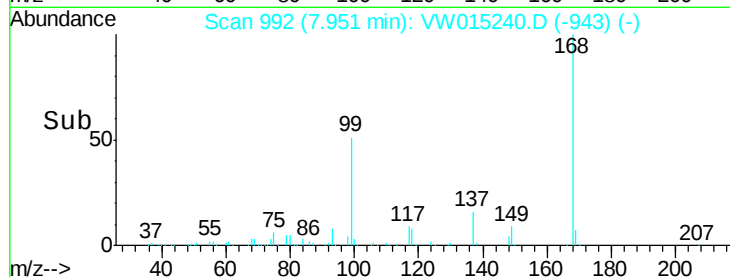


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.768 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015240.D

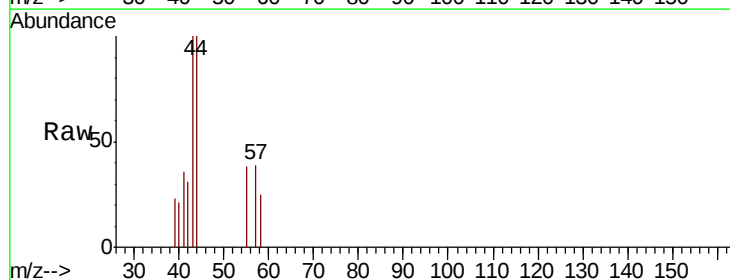
Acq: 20 Apr 2020 22:38

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

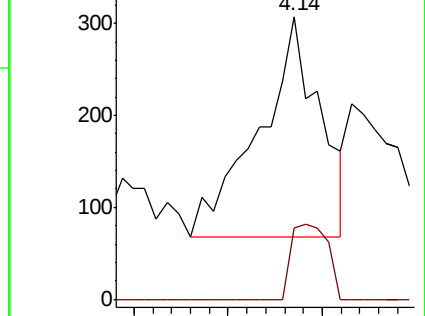
43 100

58 32.4 27.0 40.4

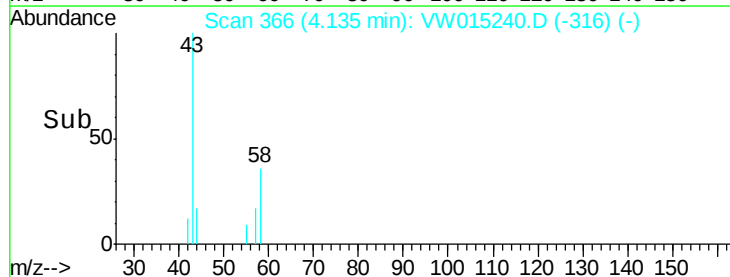


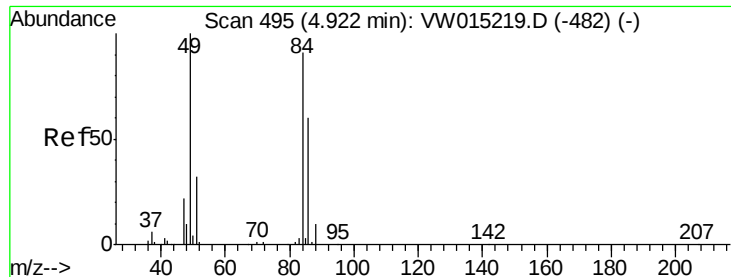
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.05 4.10 4.15

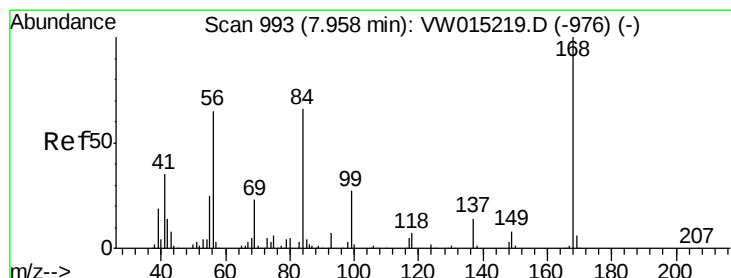
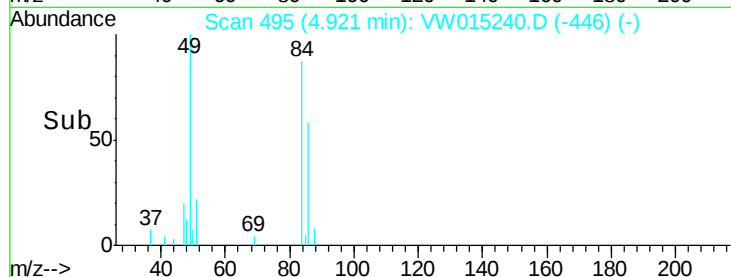
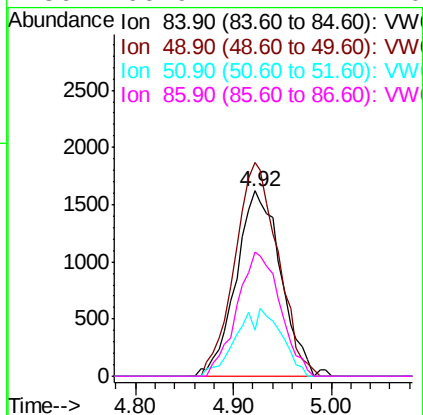
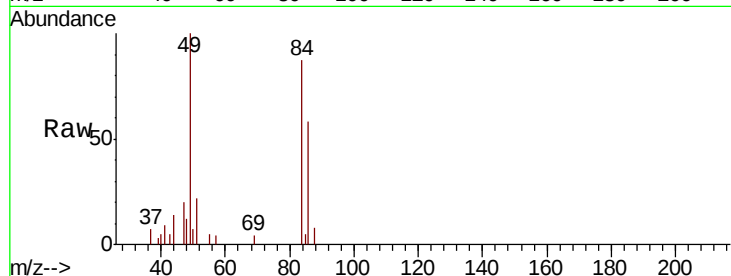




#20
Methvlene Chloride
Concen: 2.571 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

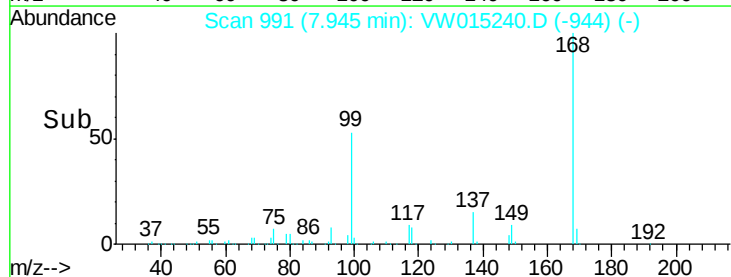
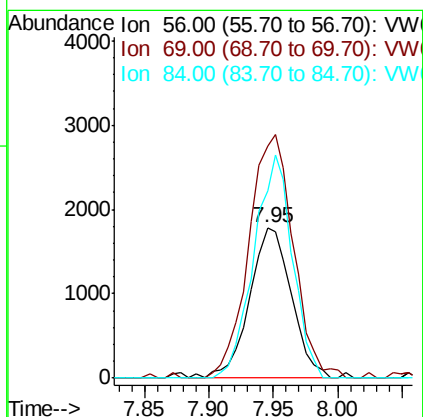
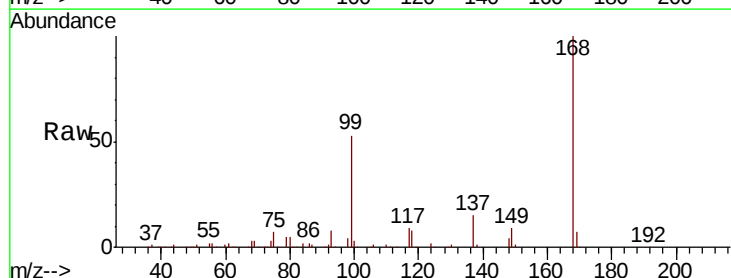
Instrument :
MSVOA_W
ClientSampleId :
TP-5-S2

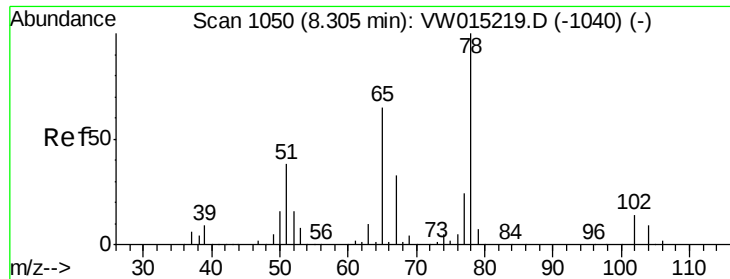
Tot Ion: 84 Resp: 5157
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.0
51 25.2 29.8 44.8#
86 66.9 47.4 71.0



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

Tgt Ion: 56 Resp: 4006
Ion Ratio Lower Upper
56 100
69 154.1 27.1 40.7#
84 124.2 71.9 107.9#

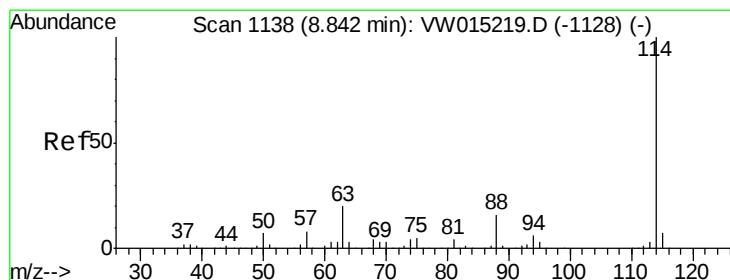
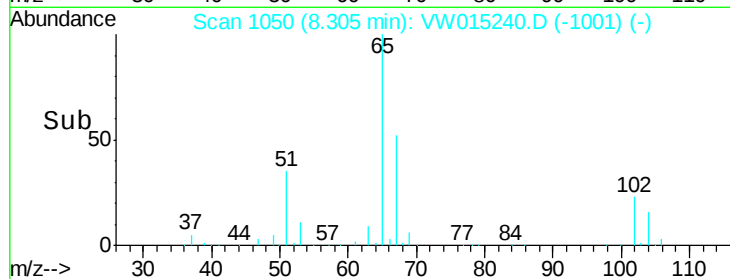
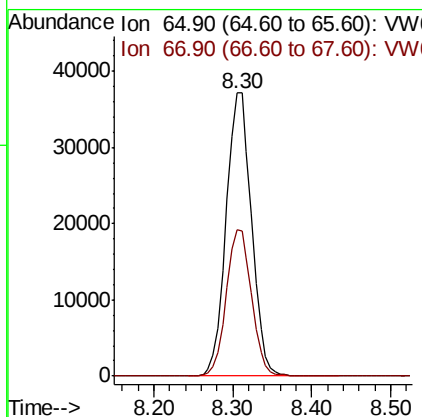
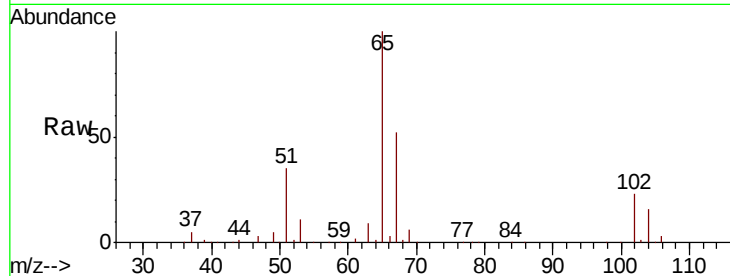




#33
 1,2-Dichloroethane-d4
 Concen: 47.524 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015240.D
 Acq: 20 Apr 2020 22:38

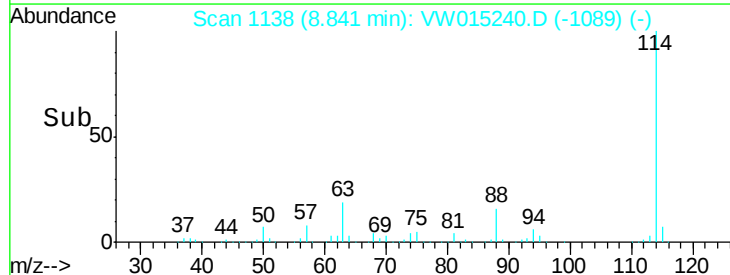
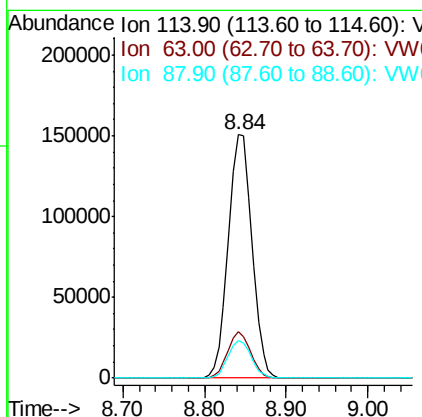
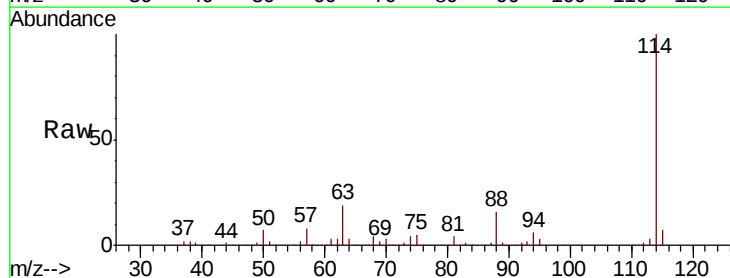
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-S2

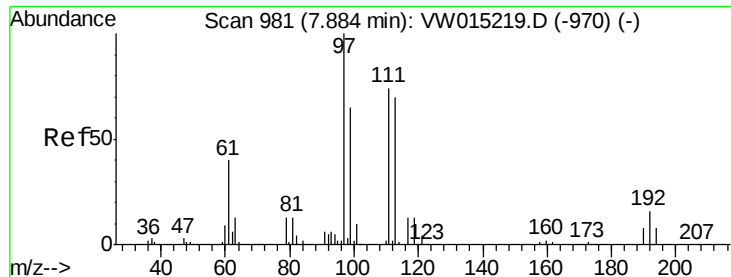
Tot Ion: 65 Resp: 83281
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015240.D
 Acq: 20 Apr 2020 22:38

Tgt Ion: 114 Resp: 301540
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.6 0.0 30.2

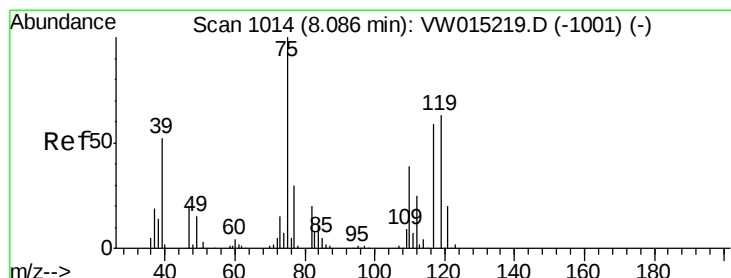
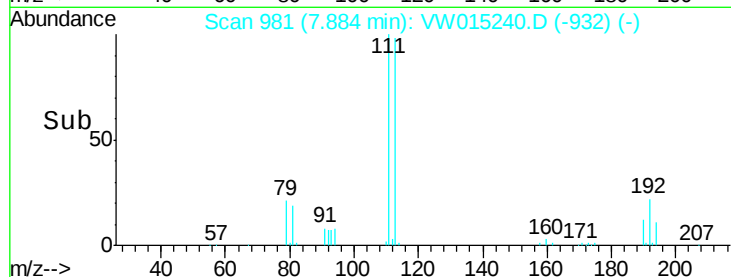
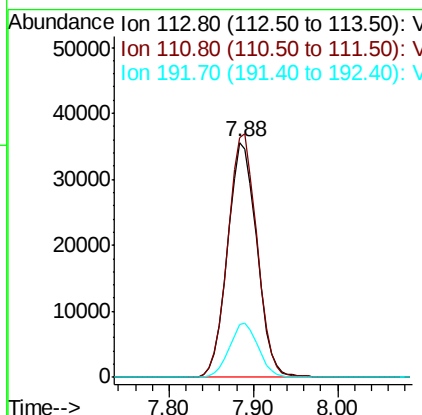
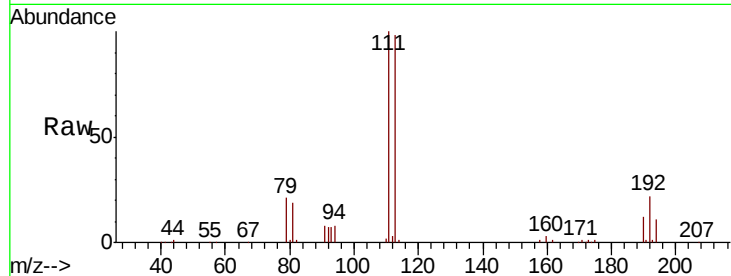




#35
 Dibromofluoromethane
 Concen: 50.494 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015240.D
 Acq: 20 Apr 2020 22:38

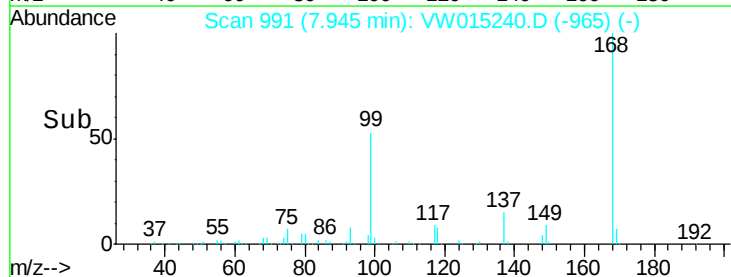
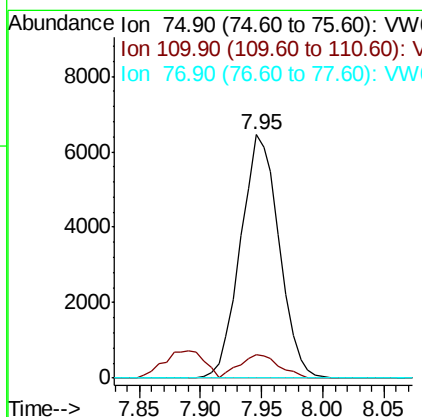
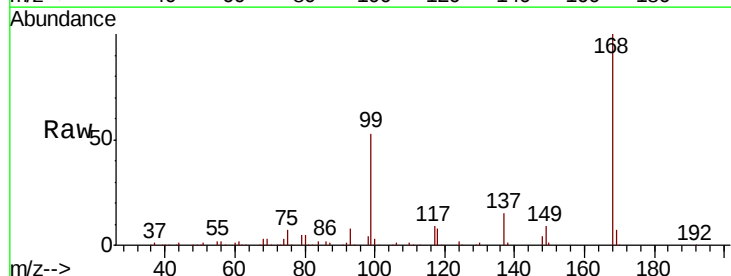
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-S2

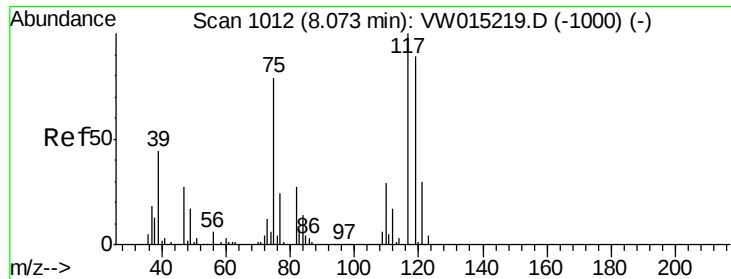
Tot Ion:113 Resp: 84340
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 22.6 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 5.193 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015240.D
 Acq: 20 Apr 2020 22:38

Tgt Ion: 75 Resp: 14134
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.2 54.6#
 77 0.0 24.5 36.7#

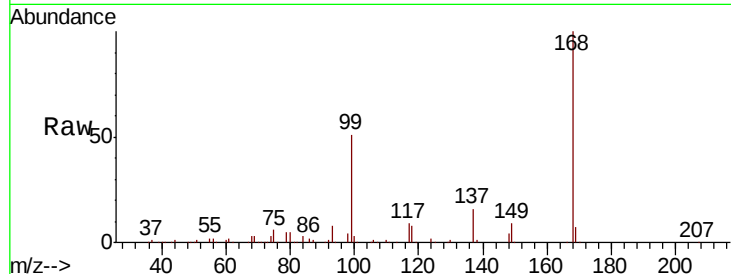




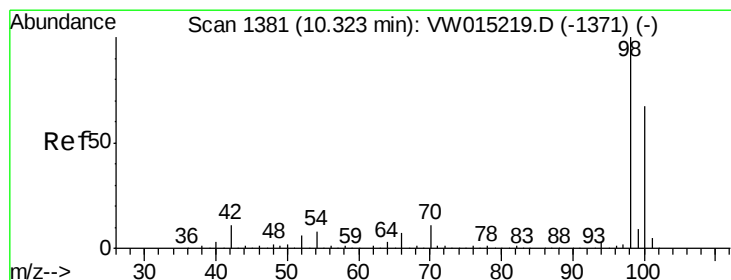
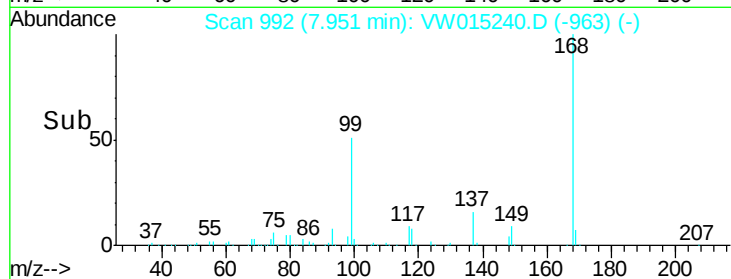
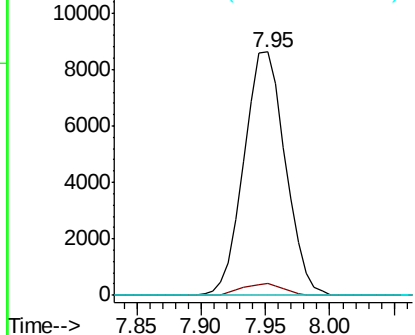
#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

Instrument :
MSVOA_W
ClientSampleId :
TP-5-S2

Tot Ion:117 Resp: 19193
Ion Ratio Lower Upper
117 100
119 4.8 72.3 108.5#
121 0.0 23.7 35.5#

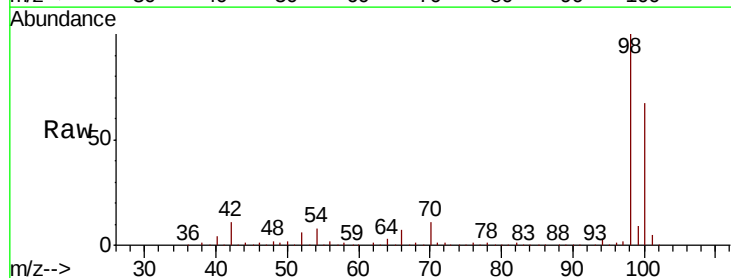


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

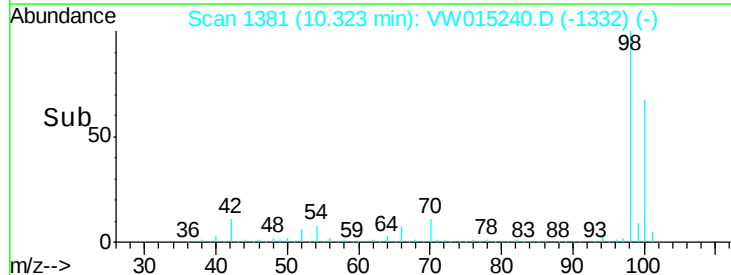
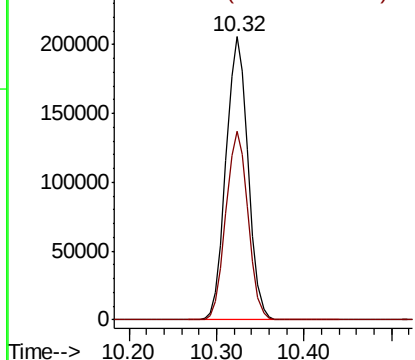


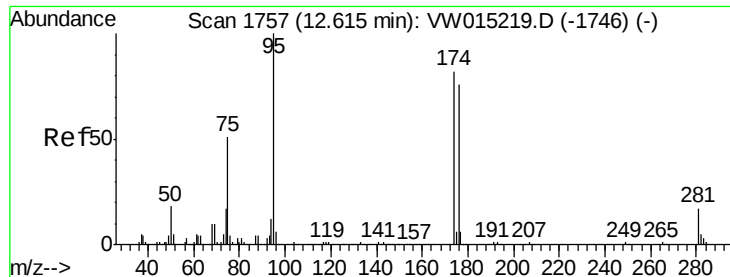
#50
Toluene-d8
Concen: 51.238 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

Tgt Ion: 98 Resp: 360021
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

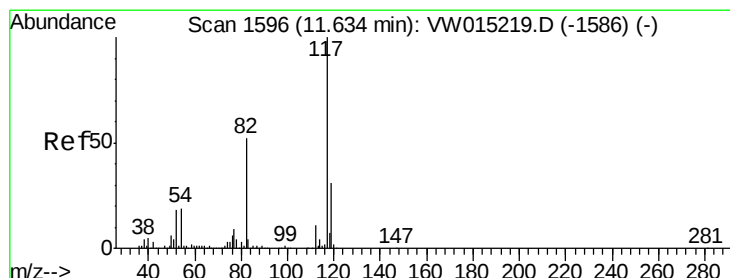
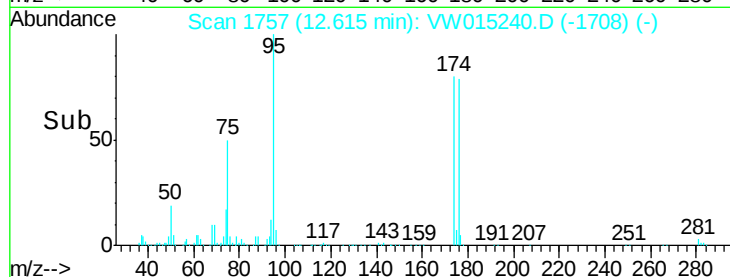
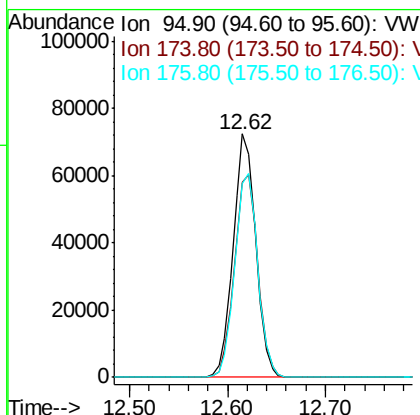
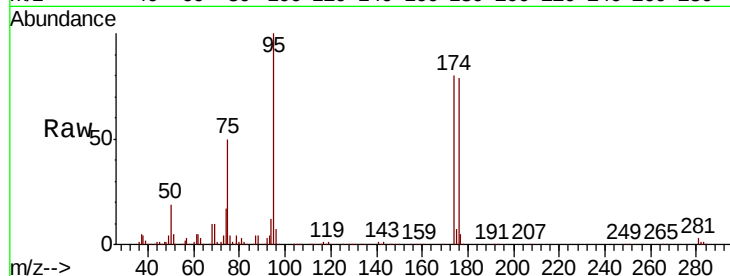




#62
4-Bromofluorobenzene
Concen: 43.297 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

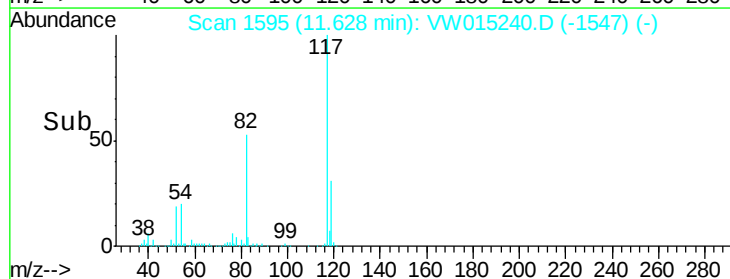
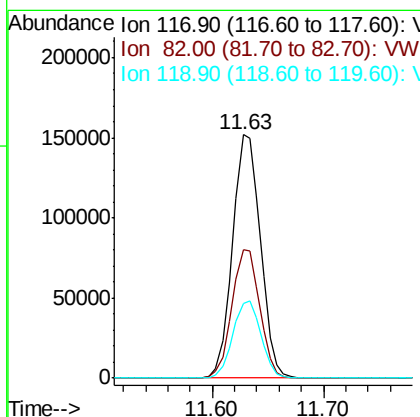
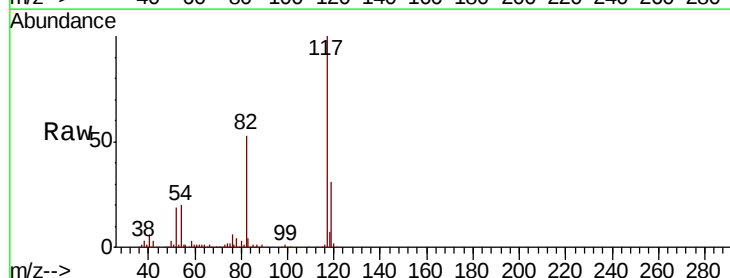
Instrument :
MSVOA_W
ClientSampleId :
TP-5-S2

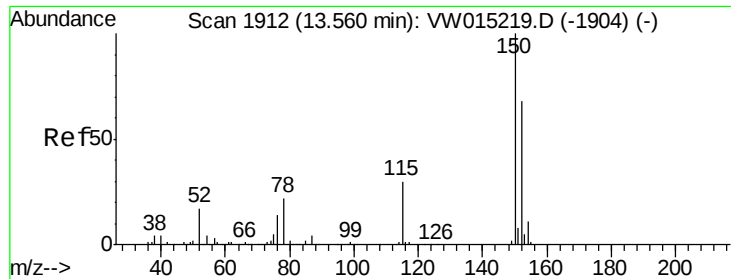
Tot Ion	95	Resp	116075
Ion Ratio	100		
Lower			
Upper			
95	86.4	0.0	144.4
174	85.2	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015240.D
Acq: 20 Apr 2020 22:38

Tgt Ion	117	Resp	263106
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	53.0	44.1	66.1
119	30.7	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015240.D

Acq: 20 Apr 2020 22:38

Instrument :

MSVOA_W

ClientSampleId :

TP-5-S2

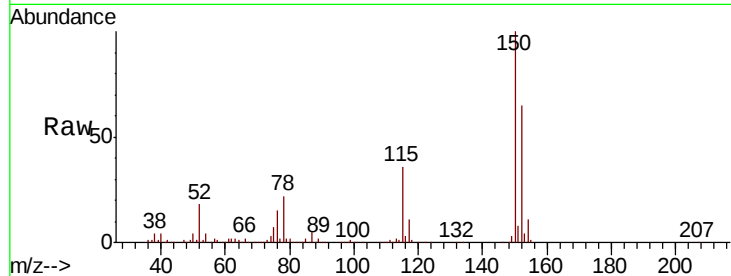
Tot Ion:152 Resp: 110335

Ion Ratio Lower Upper

152 100

115 56.2 31.3 93.9

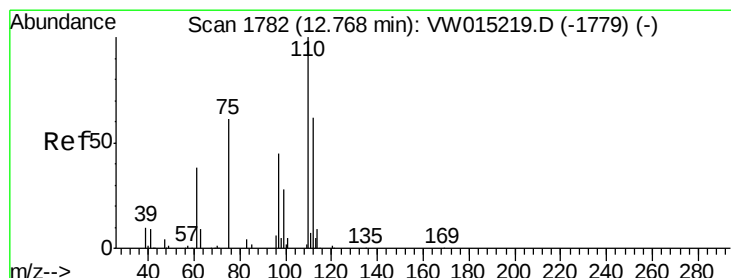
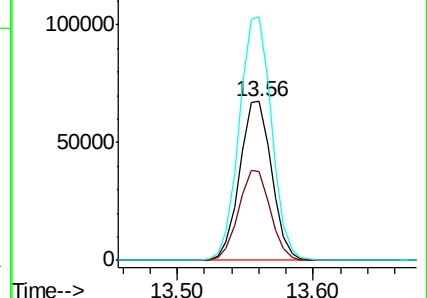
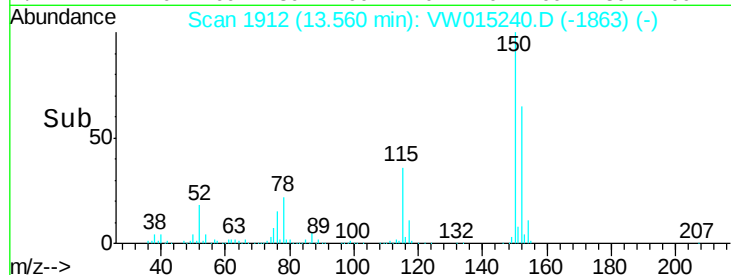
150 155.4 0.0 343.4



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: 67.975 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015240.D

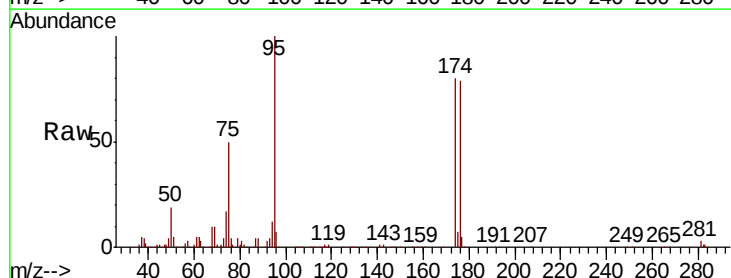
Acq: 20 Apr 2020 22:38

Tgt Ion: 75 Resp: 58021

Ion Ratio Lower Upper

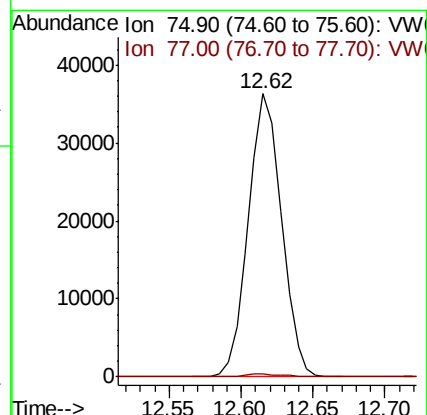
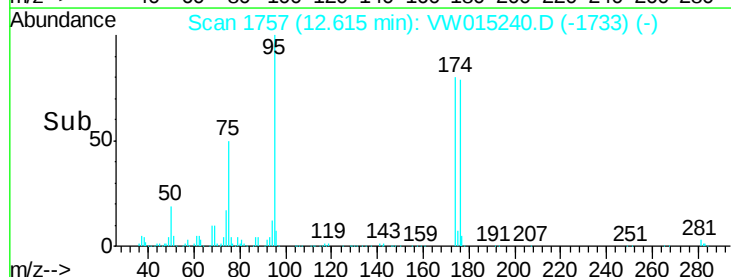
75 100

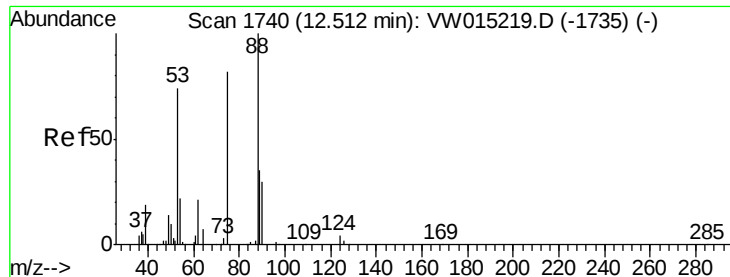
77 1.2 0.0 0.0#



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: 148.594 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015240.D

Acq: 20 Apr 2020 22:38

Instrument :

MSVOA_W

ClientSampleId :

TP-5-S2

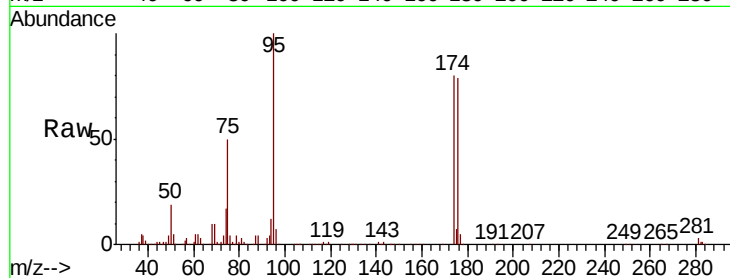
Tot Ion: 75 Resp: 58021

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



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

