

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015322.D
 Acq On : 23 Apr 2020 10:41
 Operator : SY/VA
 Sample : VW0423SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:32:00 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

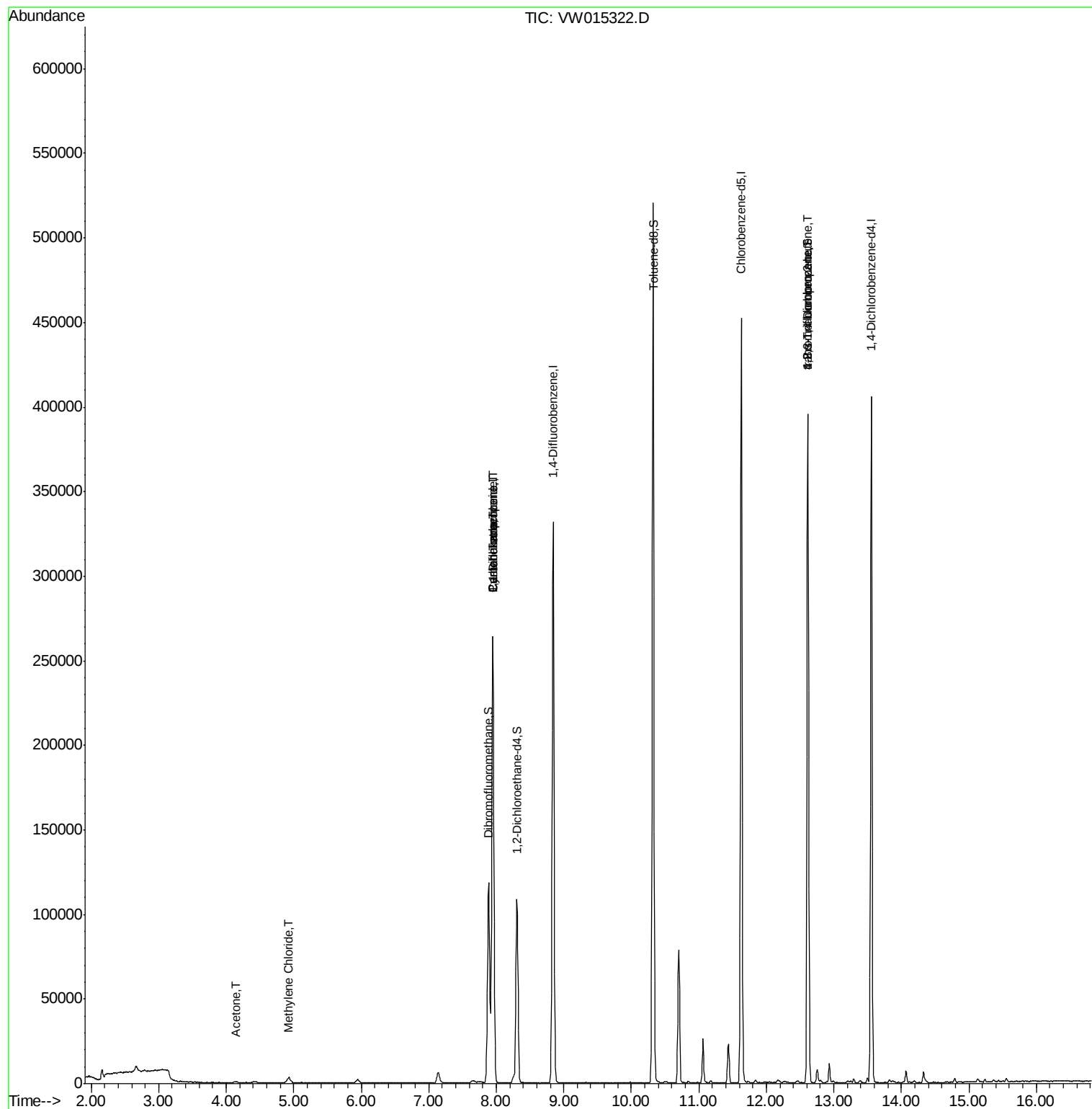
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85619	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	7.88	113	85781	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	354865	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	116805	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2077	6.686	ug/l #	80
20) Methylene Chloride	4.93	84	2884	1.416	ug/l #	82
31) Cyclohexane	7.95	56	4108	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14518	5.434	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19769	6.772	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	59194	66.986	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59194	146.432	ug/l #	15

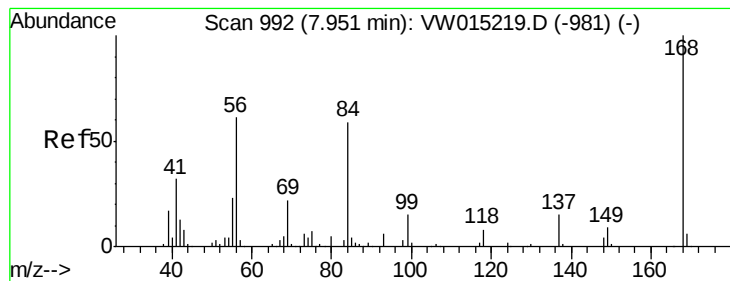
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015322.D

Acq: 23 Apr 2020 10:41

Instrument :

MSVOA_W

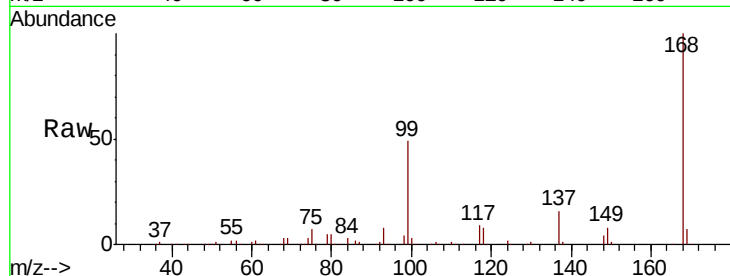
ClientSampled :

Tot Ion:168 Resp: 217506

Ion Ratio Lower Upper

168 100

99 49.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

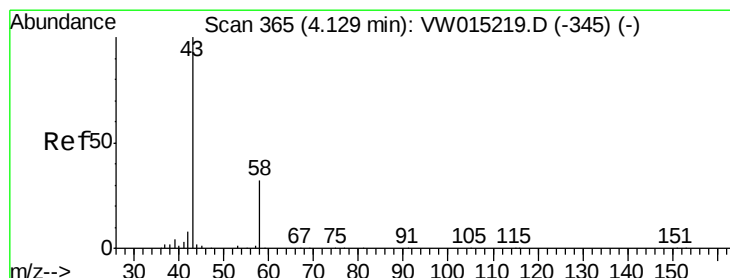
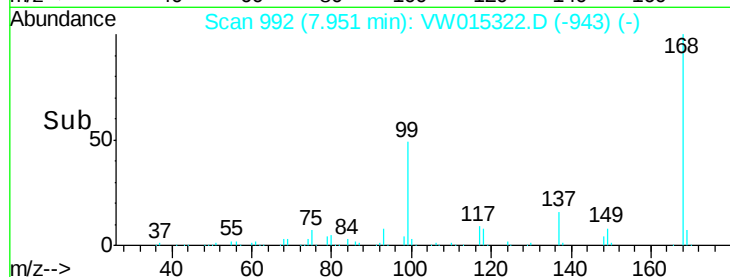
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.686 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015322.D

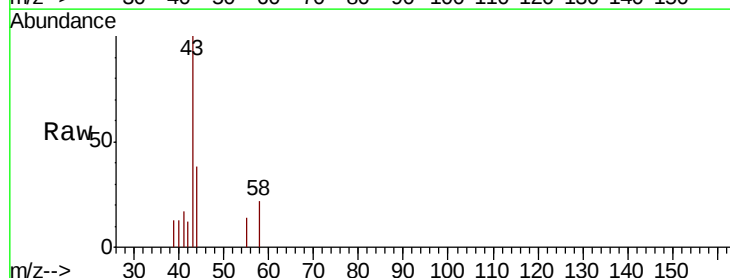
Acq: 23 Apr 2020 10:41

Tgt Ion: 43 Resp: 2077

Ion Ratio Lower Upper

43 100

58 22.1 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

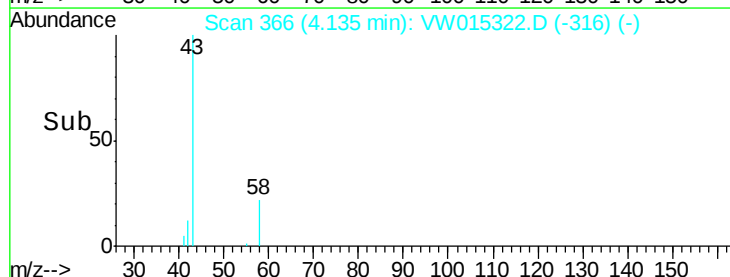
600

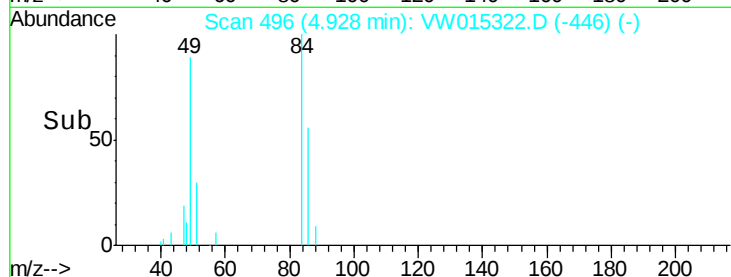
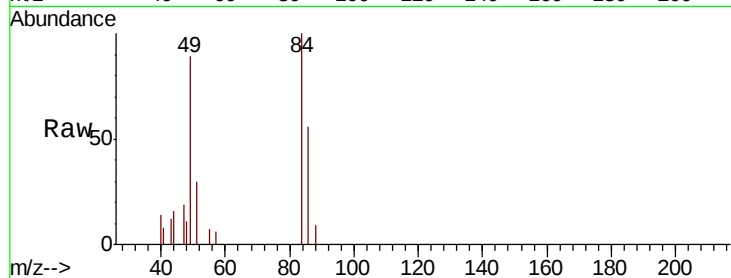
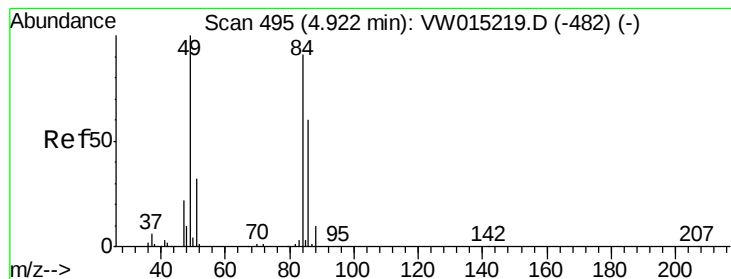
400

200

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 1.416 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW015322.D

Acq: 23 Apr 2020 10:41

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 2884

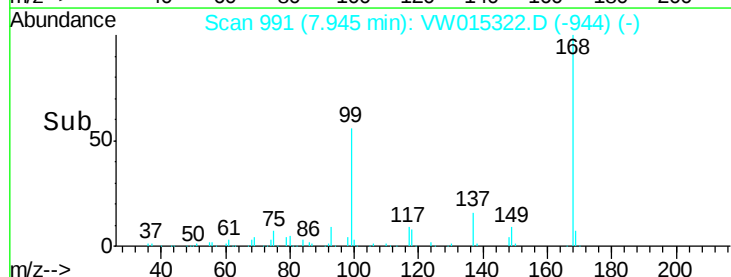
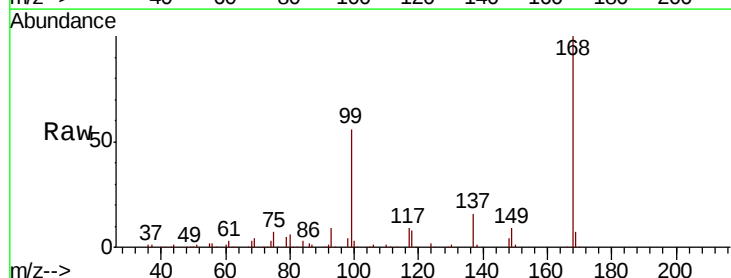
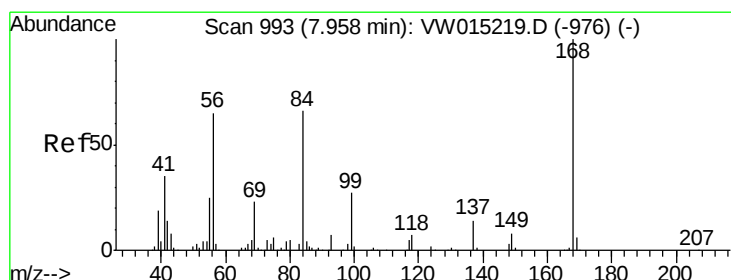
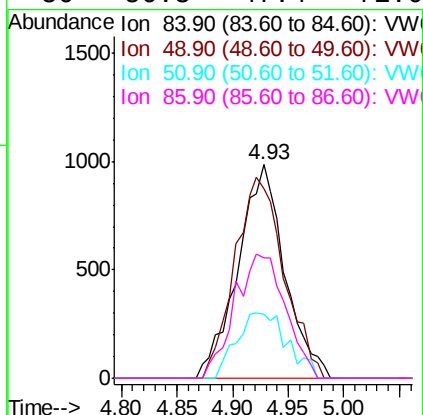
Ion Ratio Lower Upper

84 100

49 88.8 95.4 143.0#

51 30.0 29.8 44.8

86 56.3 47.4 71.0



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015322.D

Acq: 23 Apr 2020 10:41

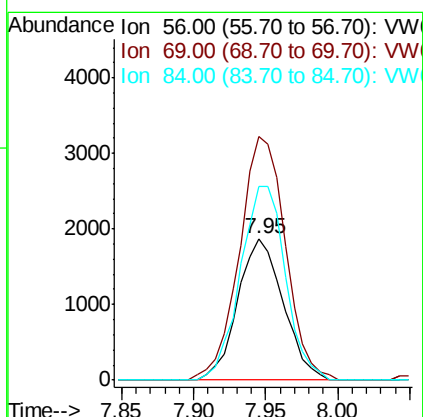
Tgt Ion: 56 Resp: 4108

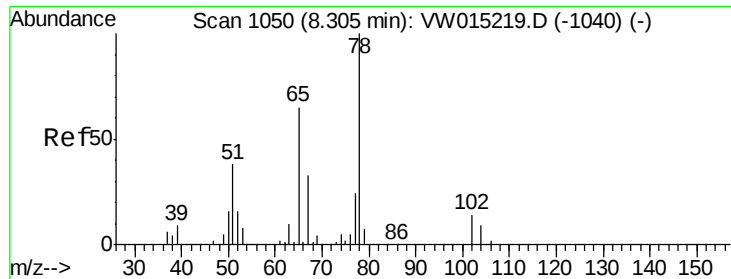
Ion Ratio Lower Upper

56 100

69 171.7 27.1 40.7#

84 136.9 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 48.137 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015322.D

Acq: 23 Apr 2020 10:41

Instrument :

MSVOA_W

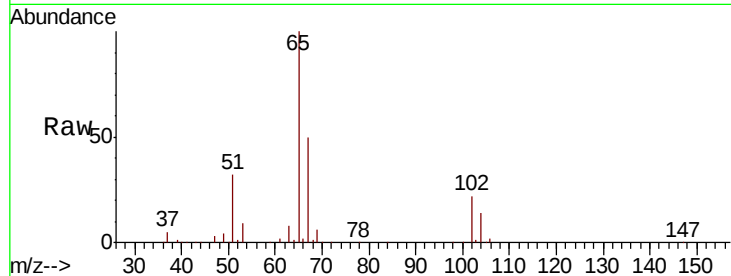
ClientSampleId :

Tot Ion: 65 Resp: 85619

Ion Ratio Lower Upper

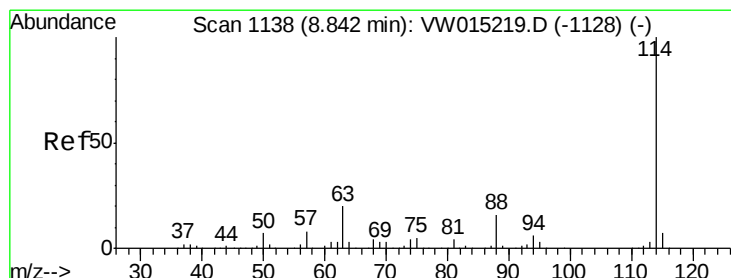
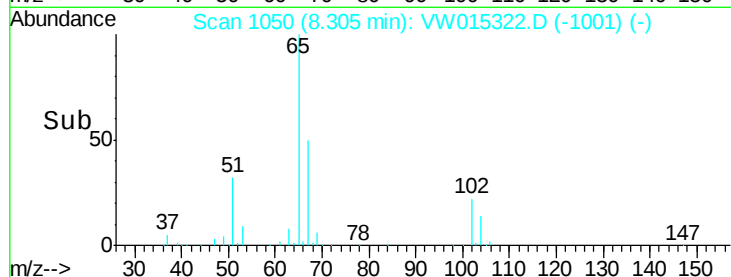
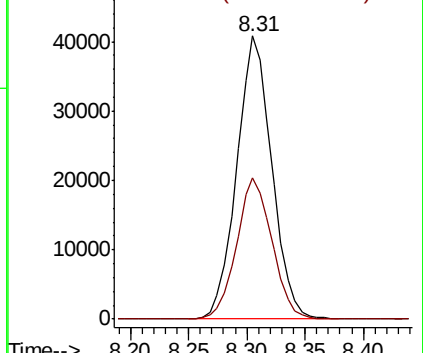
65 100

67 50.6 0.0 107.0



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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015322.D

Acq: 23 Apr 2020 10:41

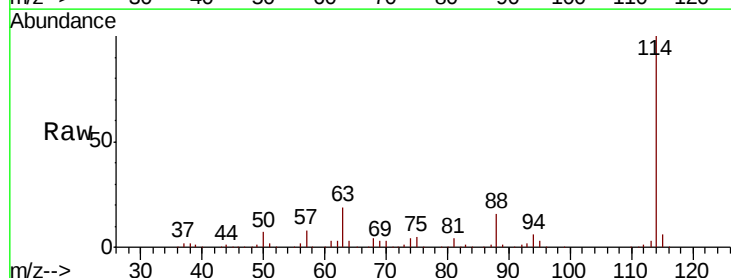
Tgt Ion: 114 Resp: 295985

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

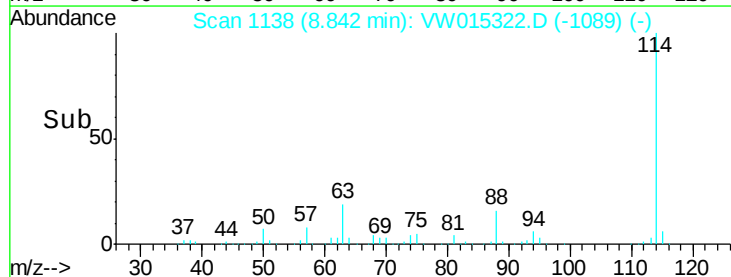
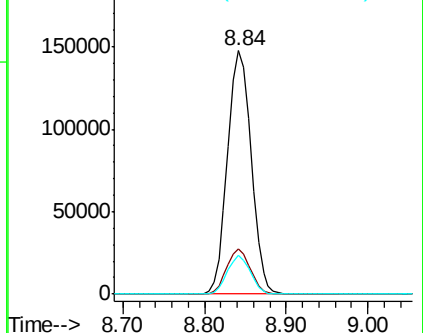
88 16.2 0.0 30.2

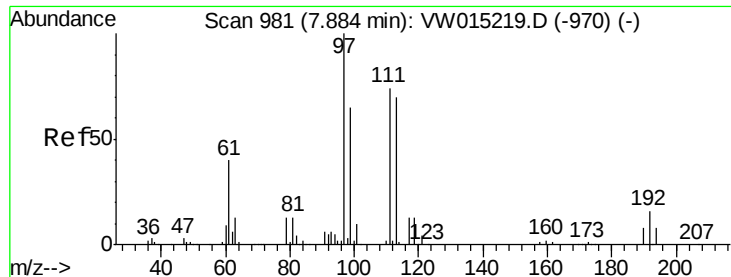


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

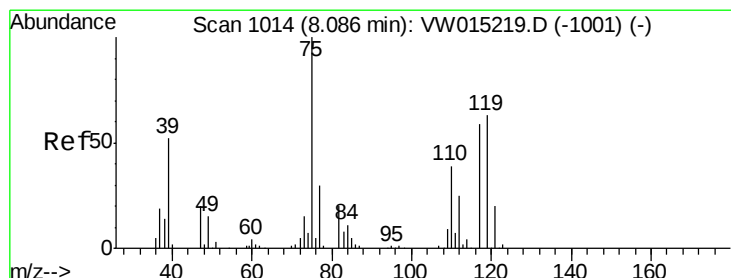
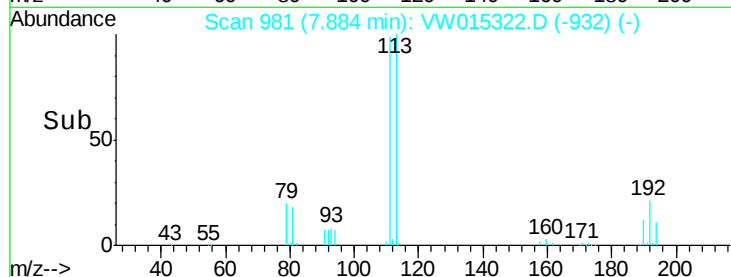
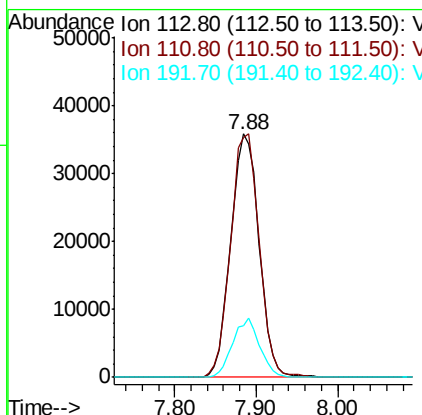
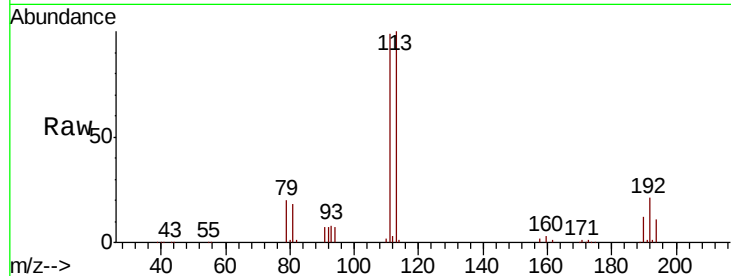




#35
 Dibromofluoromethane
 Concen: 52.321 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015322.D
 Acq: 23 Apr 2020 10:41

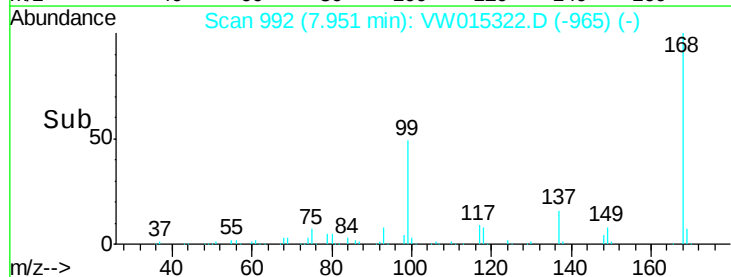
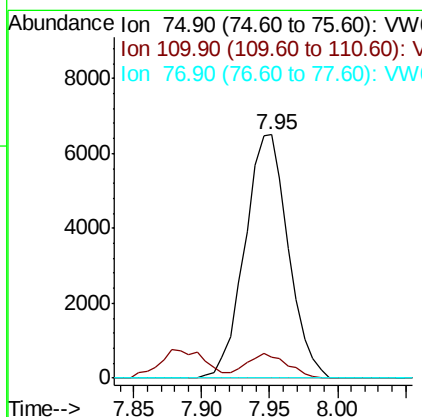
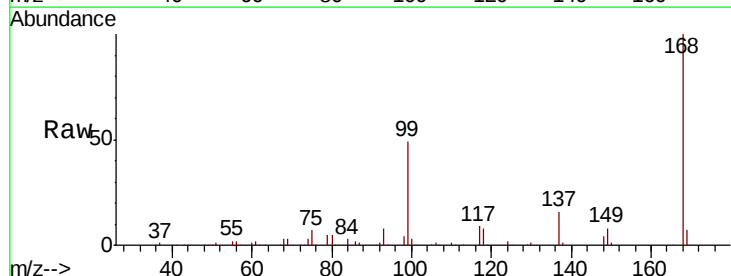
Instrument :
 MSVOA_W
 ClientSampleId :

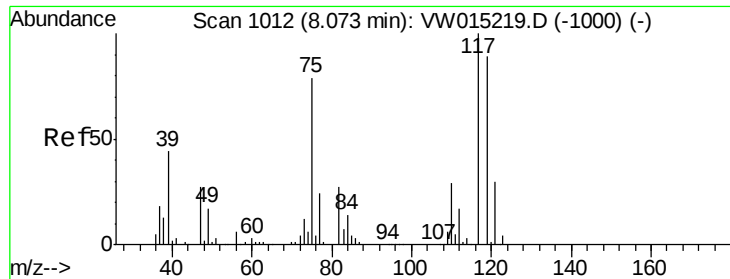
Tot Ion:113 Resp: 85781
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.4
 192 23.0 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.434 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015322.D
 Acq: 23 Apr 2020 10:41

Tgt Ion: 75 Resp: 14518
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.2 54.6#
 77 0.0 24.5 36.7#

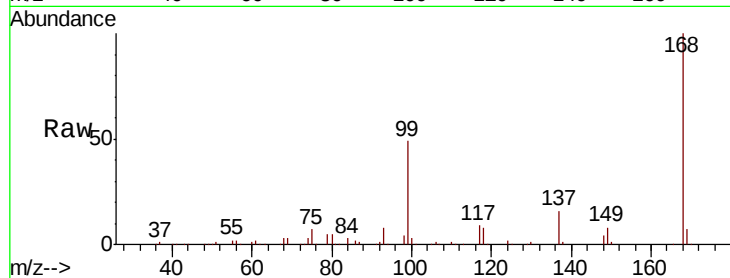




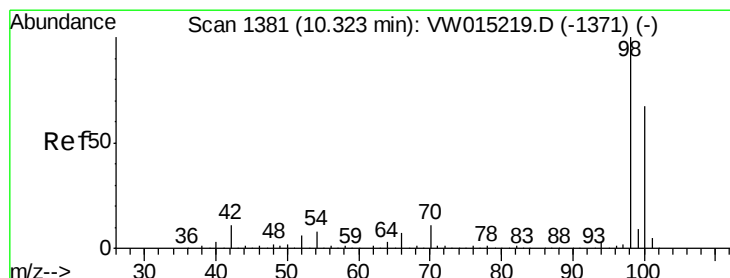
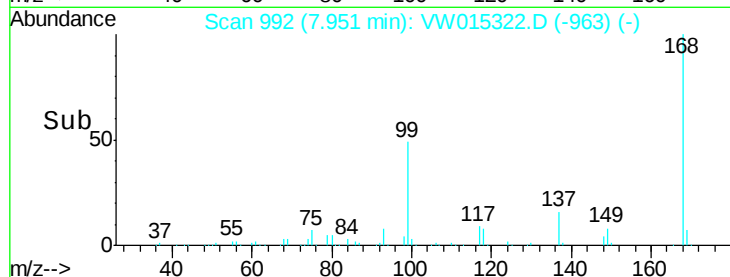
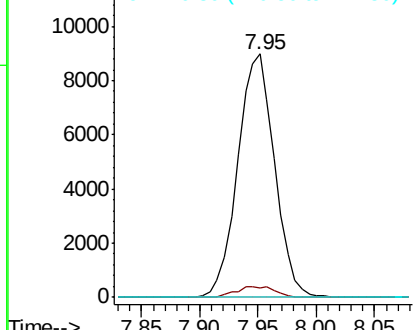
#38
Carbon Tetrachloride
Concen: 6.772 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015322.D
Acq: 23 Apr 2020 10:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 19769
Ion Ratio Lower Upper
117 100
119 4.0 72.3 108.5#
121 0.0 23.7 35.5#

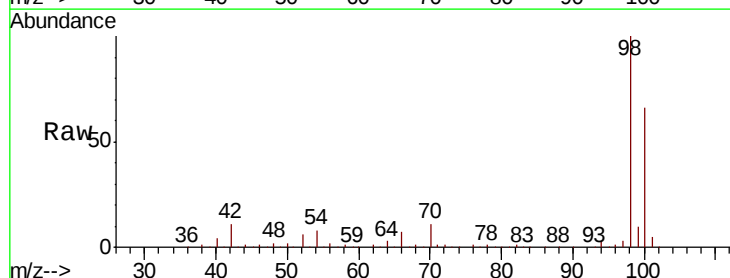


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

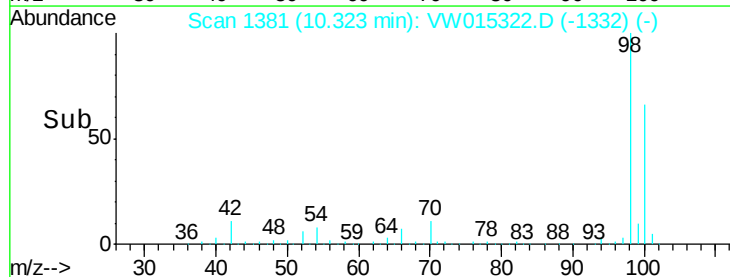
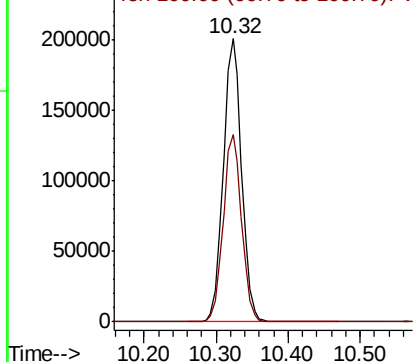


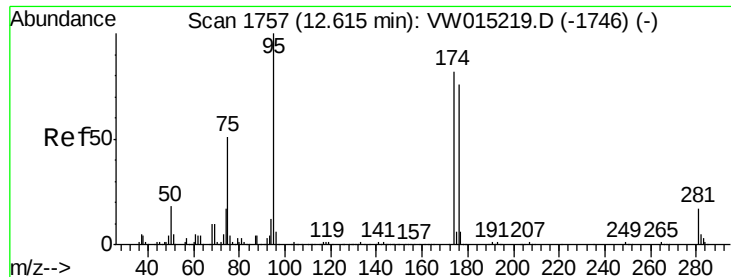
#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015322.D
Acq: 23 Apr 2020 10:41

Tgt Ion: 98 Resp: 354865
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



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

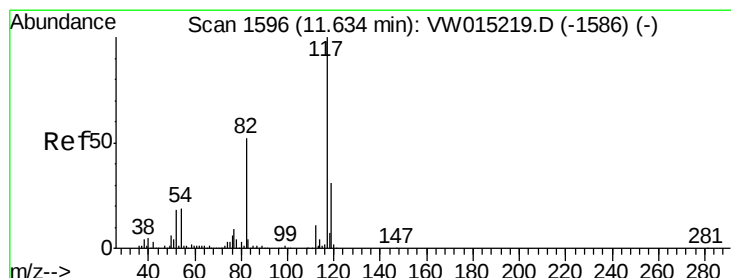
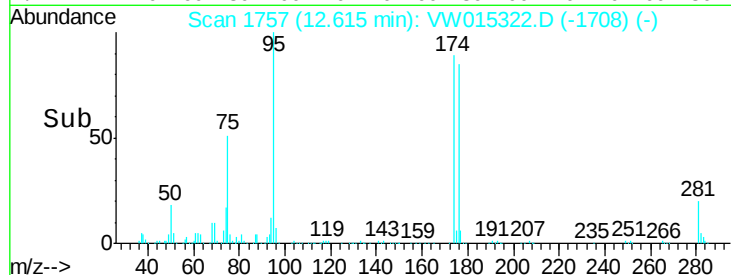
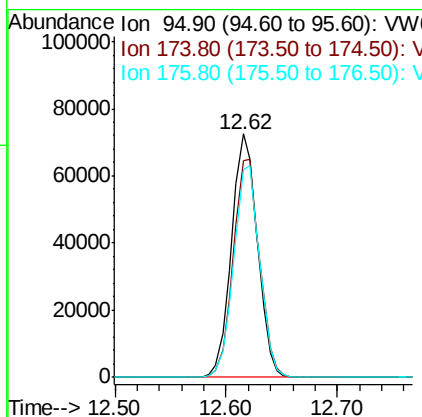
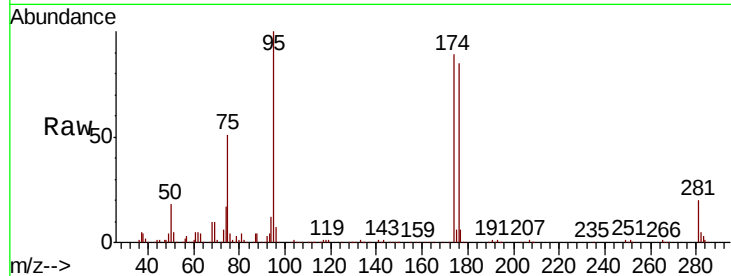




#62
4-Bromofluorobenzene
Concen: 44.387 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015322.D
Acq: 23 Apr 2020 10:41

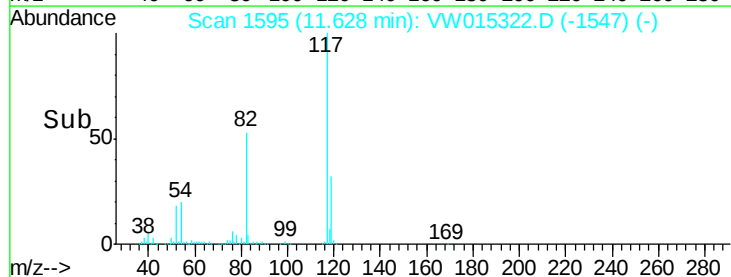
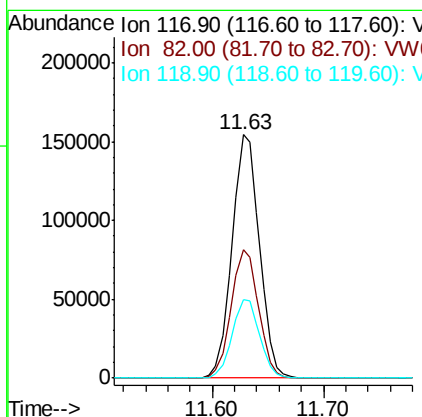
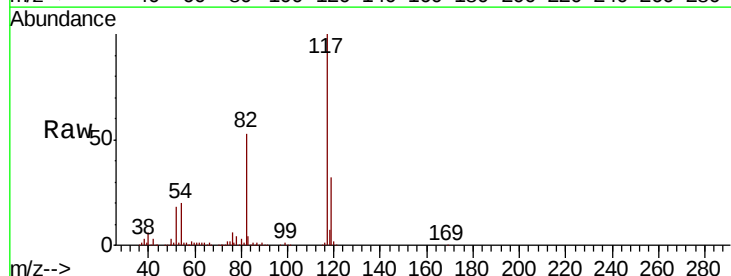
Instrument :
MSVOA_W
ClientSampleId :

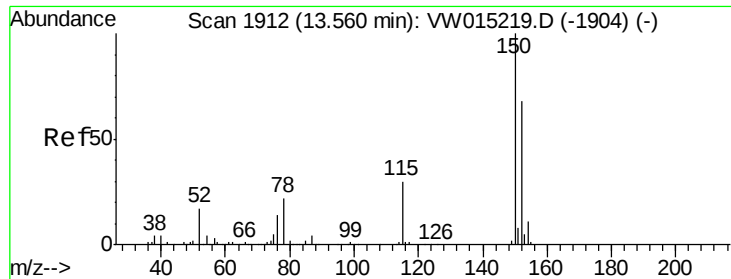
Tot Ion	95	Resp	116805
Ion Ratio	100		
Lower			
Upper			
174	90.7	0.0	144.4
176	87.3	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015322.D
Acq: 23 Apr 2020 10:41

Tgt Ion	117	Resp	262292
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	52.9	44.1	66.1
119	32.4	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: VW015322.D

Acq: 23 Apr 2020 10:41

Instrument :

MSVOA_W

ClientSampleId :

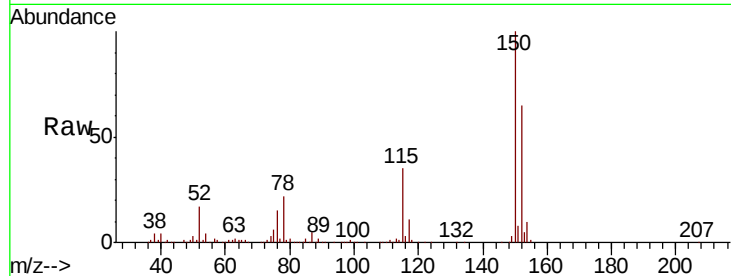
Tot Ion:152 Resp: 114228

Ion Ratio Lower Upper

152 100

115 56.9 31.3 93.9

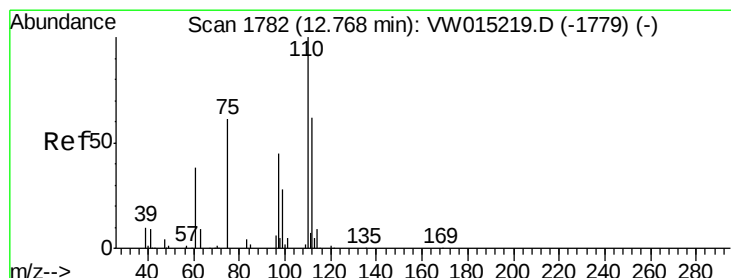
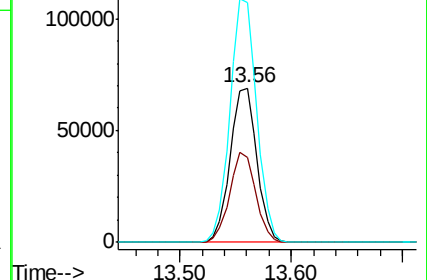
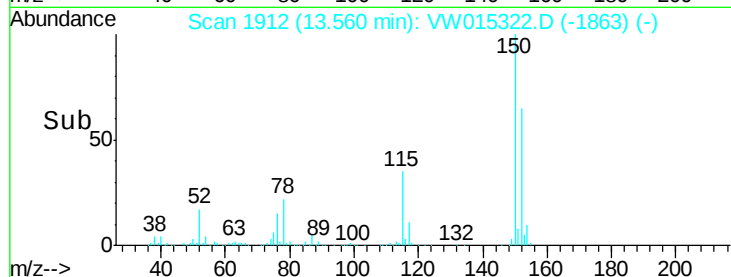
150 157.8 0.0 343.4



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: 66.986 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015322.D

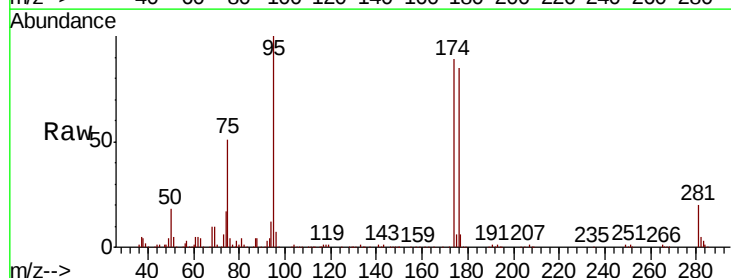
Acq: 23 Apr 2020 10:41

Tgt Ion: 75 Resp: 59194

Ion Ratio Lower Upper

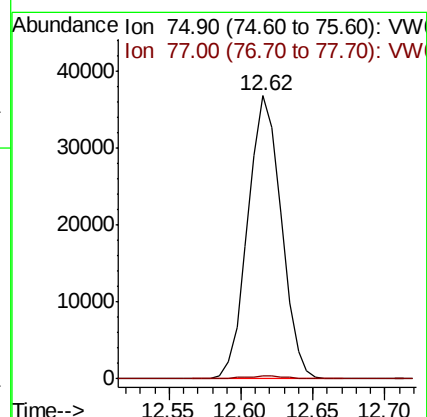
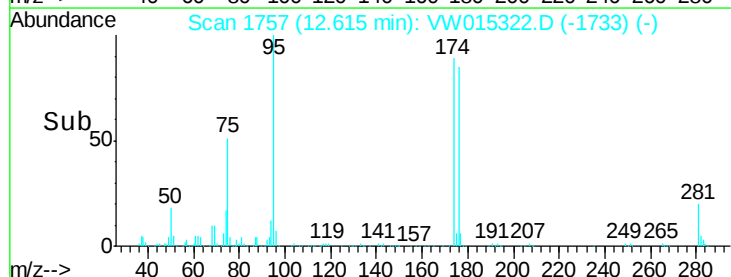
75 100

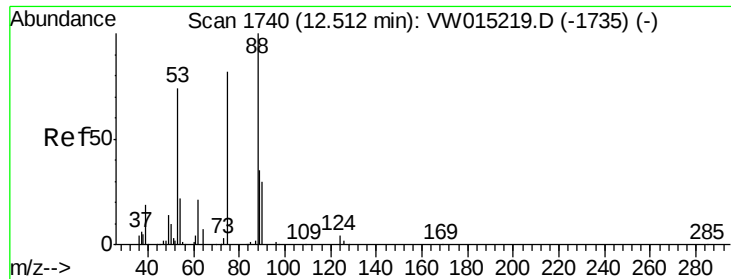
77 1.3 0.0 0.0#



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: 146.432 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

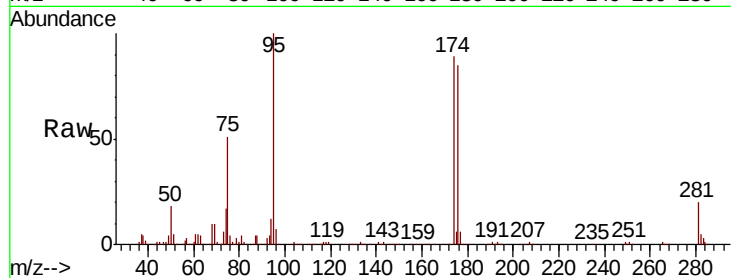
Lab File: VW015322.D

Acq: 23 Apr 2020 10:41

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 75 Resp: 59194

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.1	34.8	52.2#

