

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015283.D
 Acq On : 22 Apr 2020 01:04
 Operator : SY/VA
 Sample : L2314-11
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:05:18 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

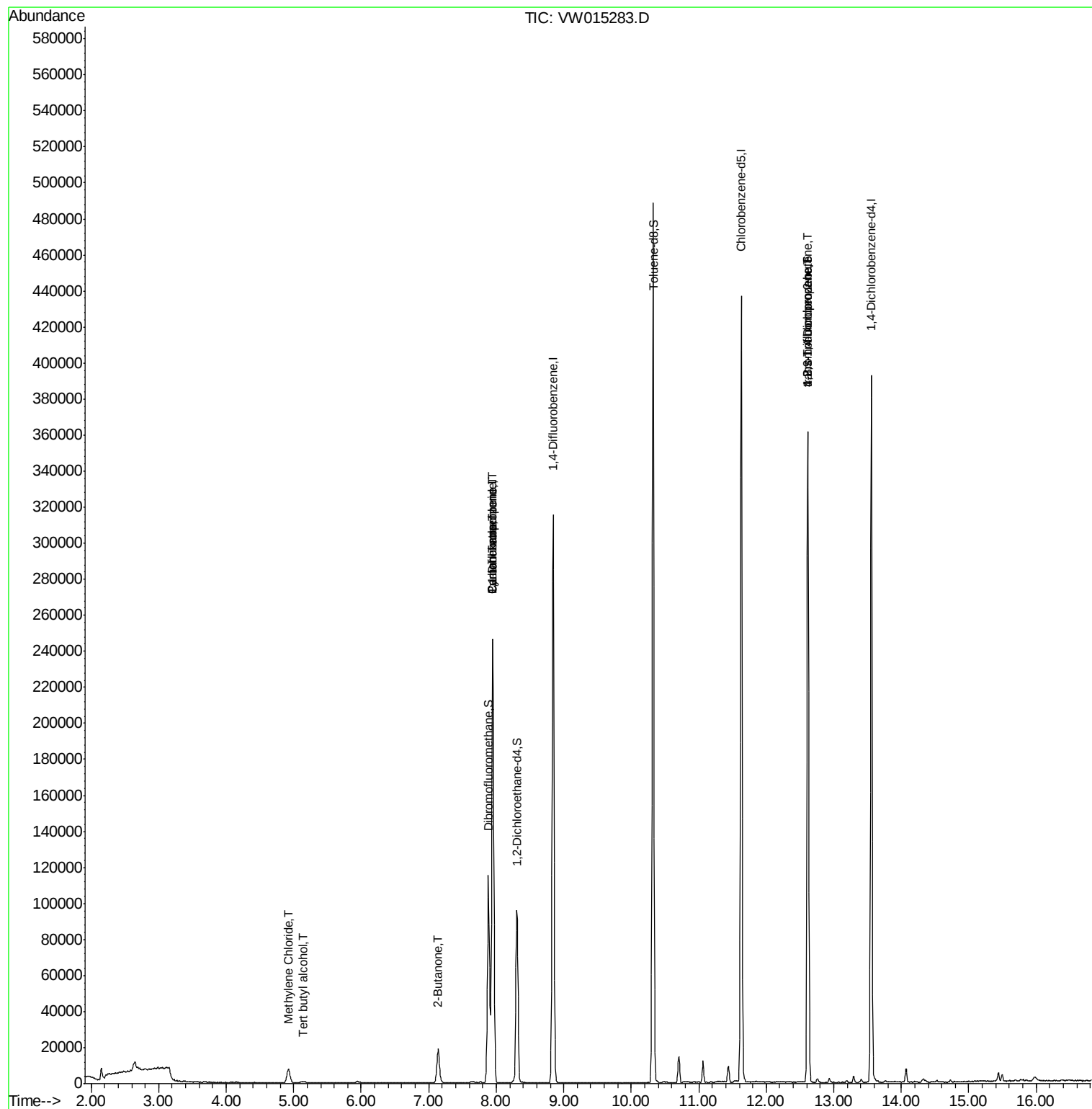
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76973	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	78855	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	337457	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.62	95	111228	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	856	6.241	ug/l #	84
20) Methylene Chloride	4.92	84	6560	3.406	ug/l #	93
25) 2-Butanone	7.13	43	1373	3.522	ug/l #	75
31) Cyclohexane	7.95	56	3739	1.202	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	13363	5.279	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18042	6.522	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	54926	63.102	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54926	137.941	ug/l #	15

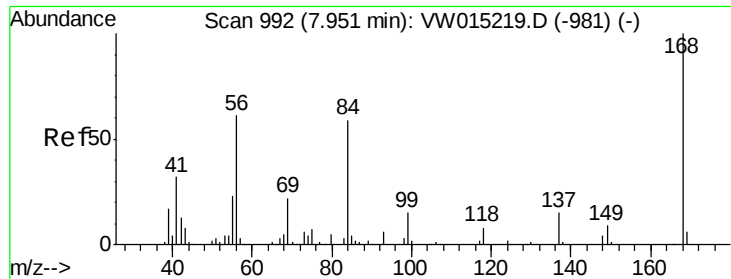
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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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: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

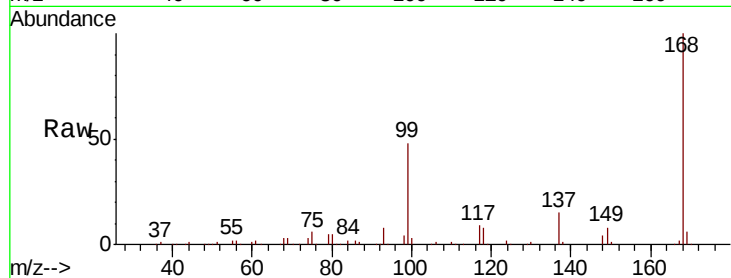
ClientSampleId :

Tot Ion:168 Resp: 205748

Ion Ratio Lower Upper

168 100

99 48.1 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

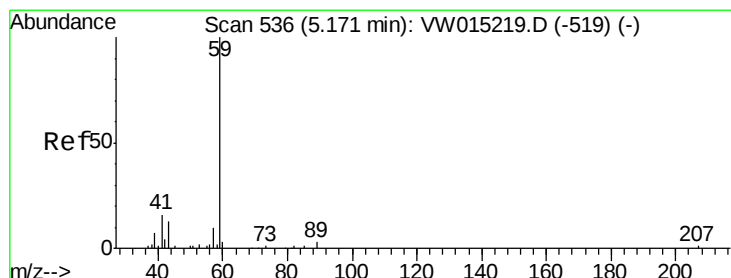
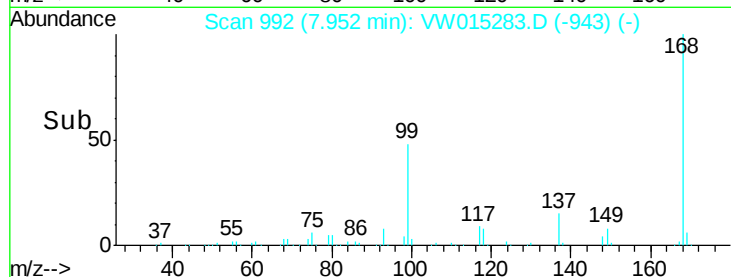
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 6.241 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW015283.D

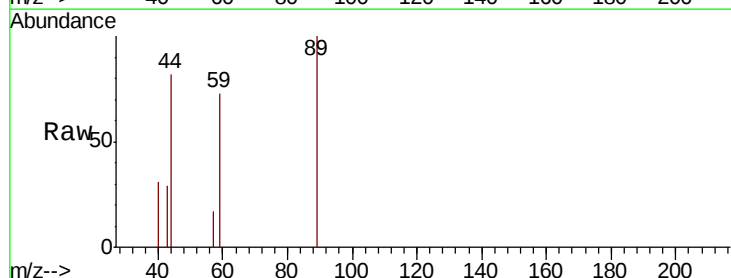
Acq: 22 Apr 2020 01:04

Tgt Ion: 59 Resp: 856

Ion Ratio Lower Upper

59 100

57 4.7 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

250

200

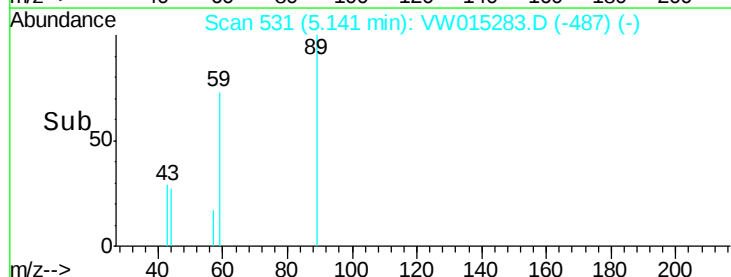
150

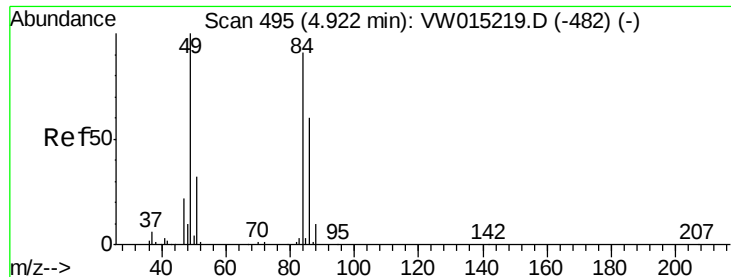
100

50

0

Time--> 5.05 5.10 5.15 5.20

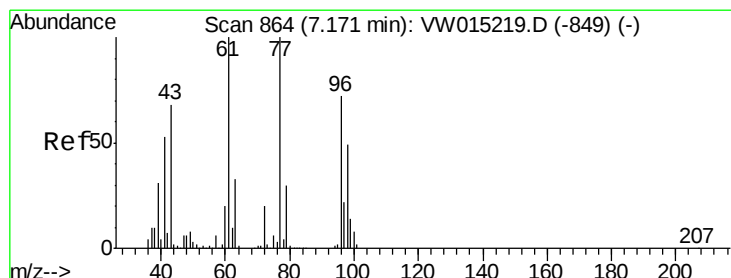
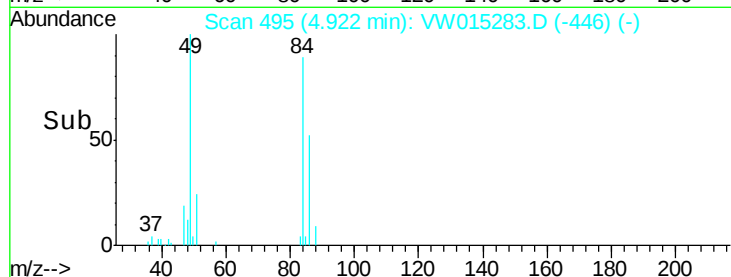
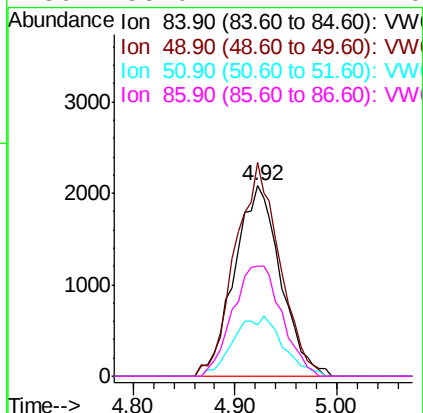
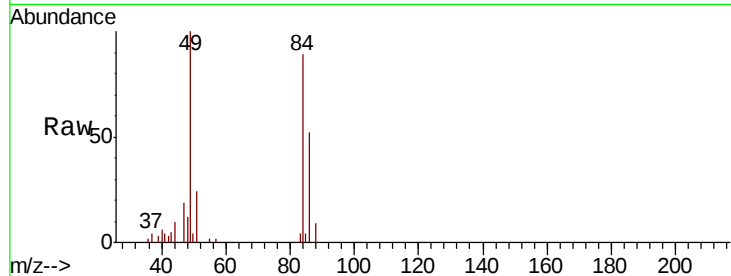




#20
Methvlene Chloride
Concen: 3.406 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

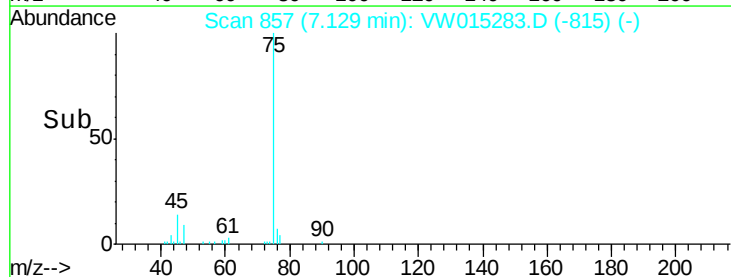
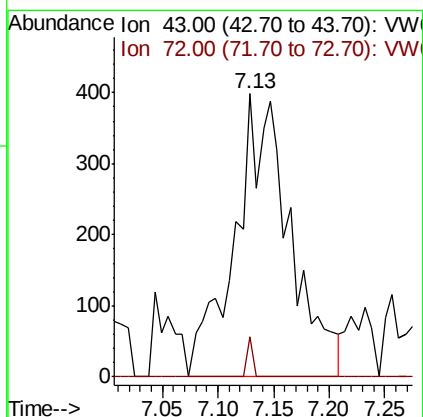
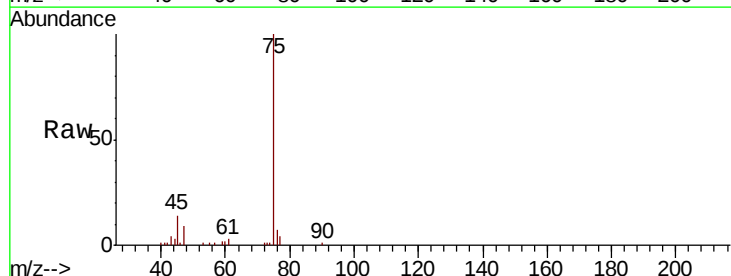
Instrument :
MSVOA_W
ClientSampled :

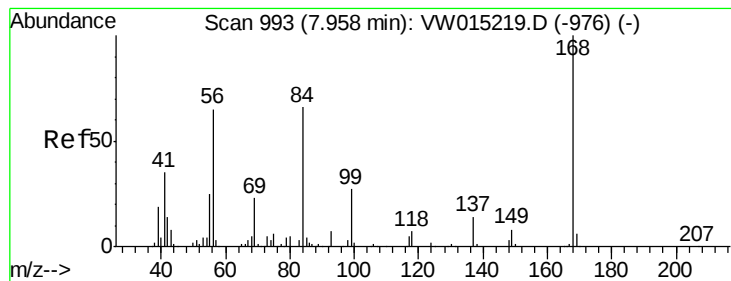
Tot Ion: 84 Resp: 6560
Ion Ratio Lower Upper
84 100
49 112.3 95.4 143.0
51 27.1 29.8 44.8#
86 58.0 47.4 71.0



#25
2-Butanone
Concen: 3.522 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
72 14.1 21.6 32.4#





#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

ClientSampled :

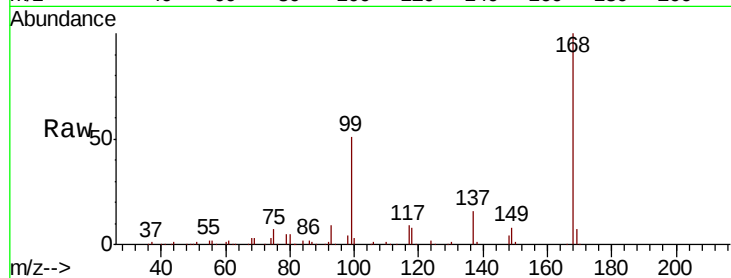
Tot Ion: 56 Resp: 3739

Ion Ratio Lower Upper

56 100

69 151.8 27.1 40.7#

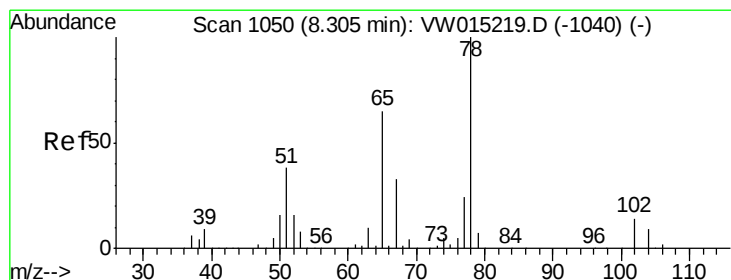
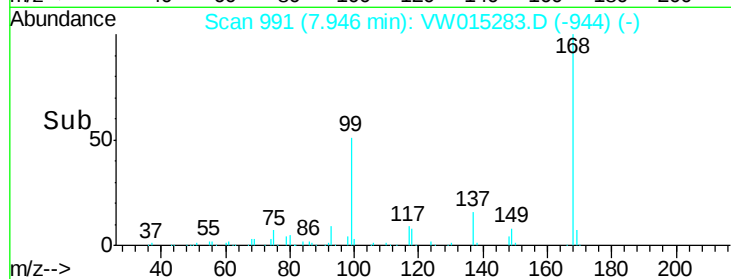
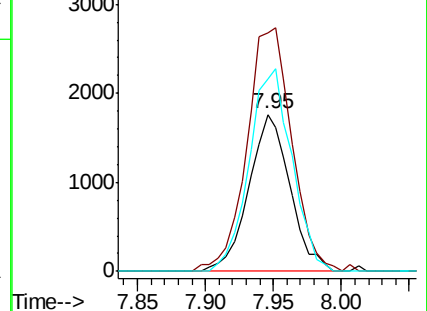
84 122.9 71.9 107.9#



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: 45.749 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015283.D

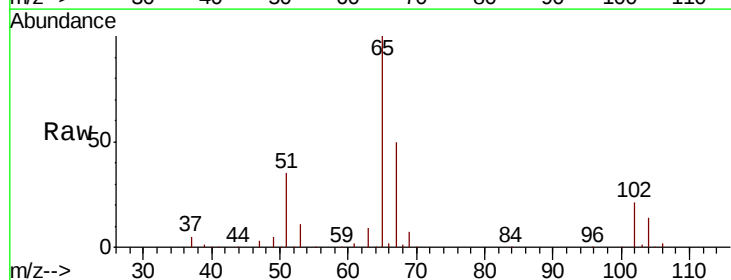
Acq: 22 Apr 2020 01:04

Tgt Ion: 65 Resp: 76973

Ion Ratio Lower Upper

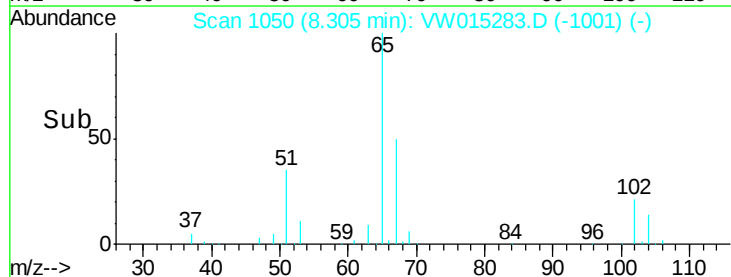
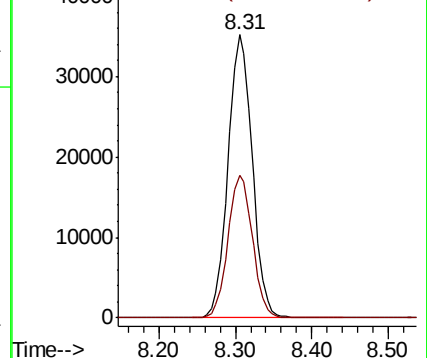
65 100

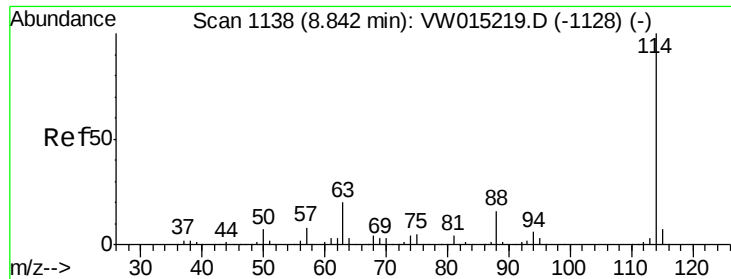
67 51.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

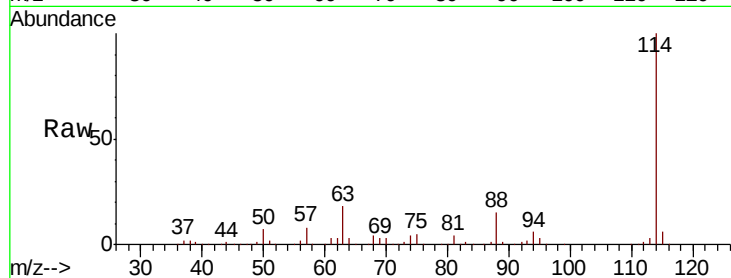




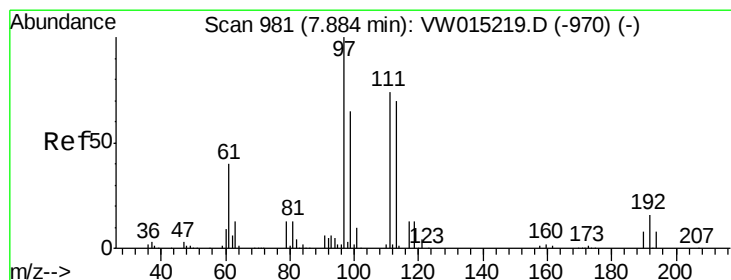
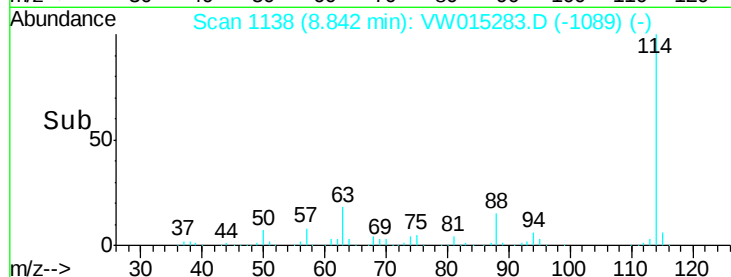
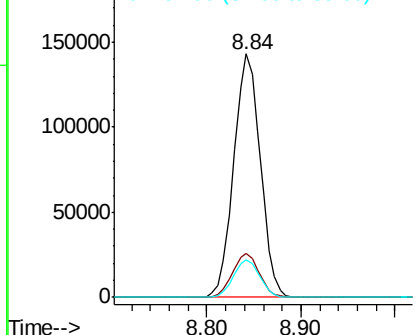
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 280473
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.8
88 15.3 0.0 30.2

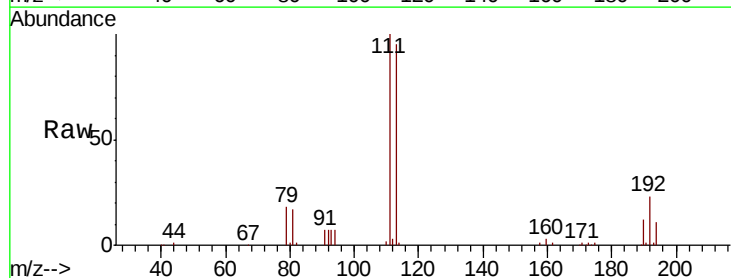


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

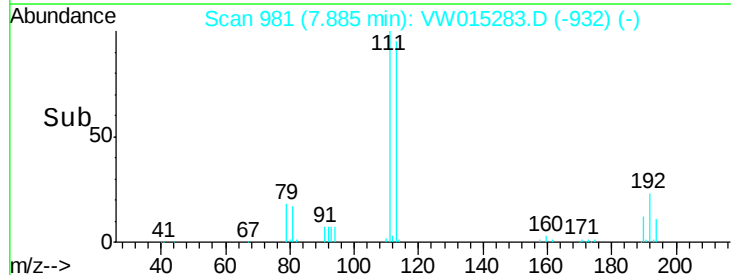
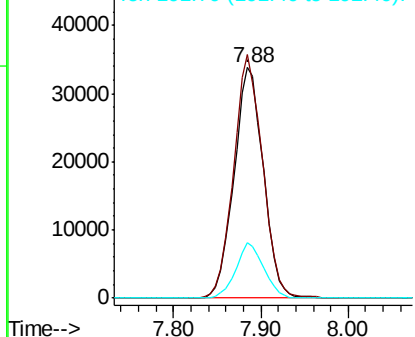


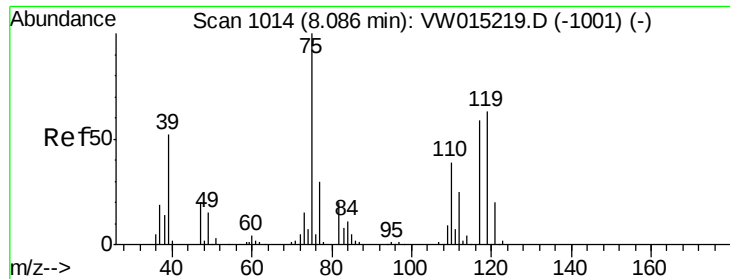
#35
Dibromofluoromethane
Concen: 50.757 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

Tgt Ion:113 Resp: 78855
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.4
192 22.7 15.1 22.7#



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

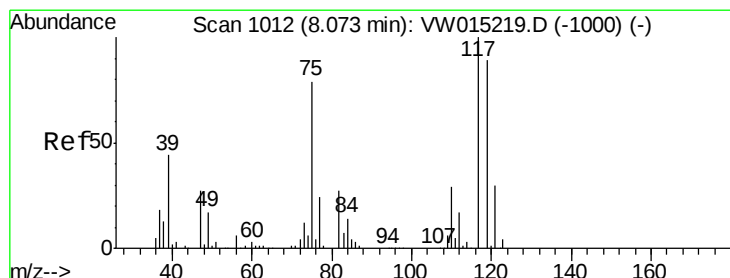
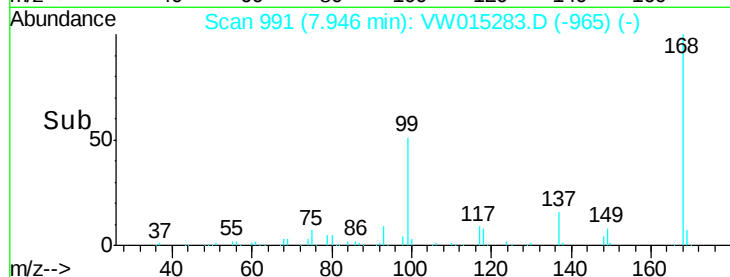
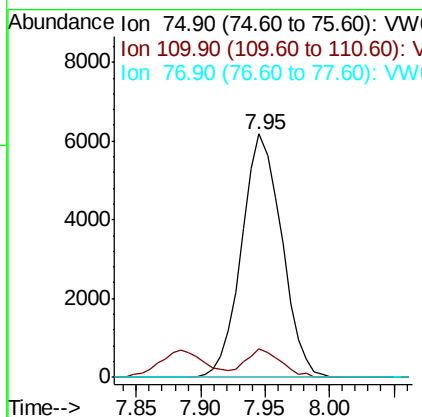
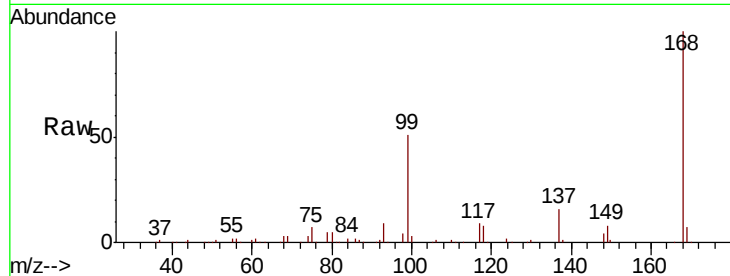




#36
 1,1-Dichloropropene
 Concen: 5.279 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015283.D
 Acq: 22 Apr 2020 01:04

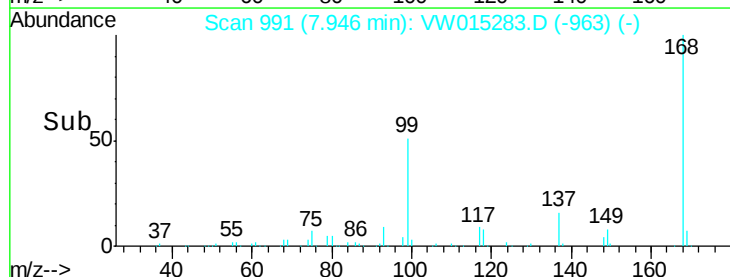
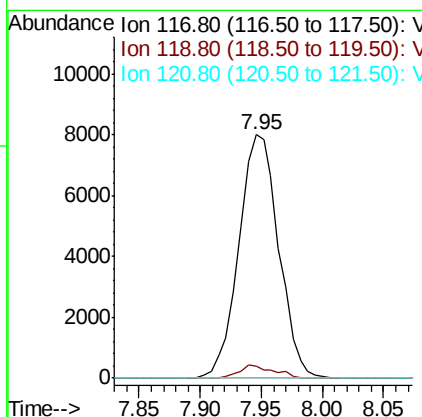
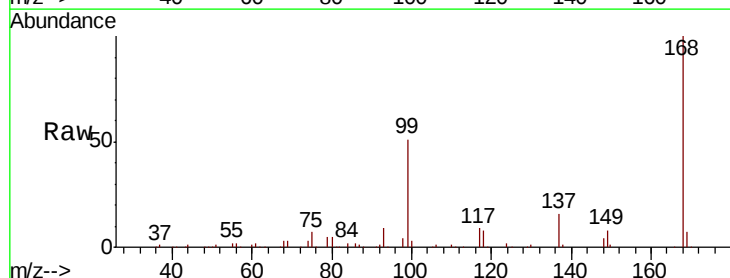
Instrument :
 MSVOA_W
 ClientSampleId :

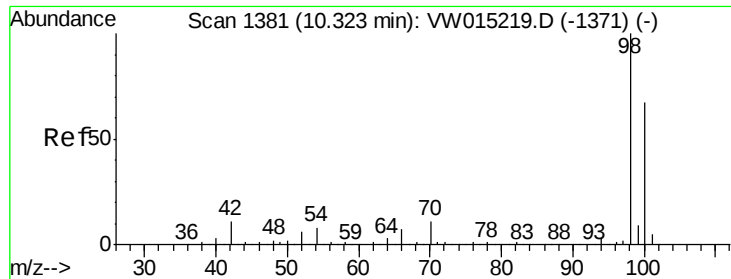
Tot Ion	75	Resp	13363
Ion Ratio	Lower	Upper	
75	100		
110	10.1	18.2	54.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.522 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015283.D
 Acq: 22 Apr 2020 01:04

Tgt Ion	117	Resp	18042
Ion Ratio	Lower	Upper	
117	100		
119	5.1	72.3	108.5#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 51.635 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

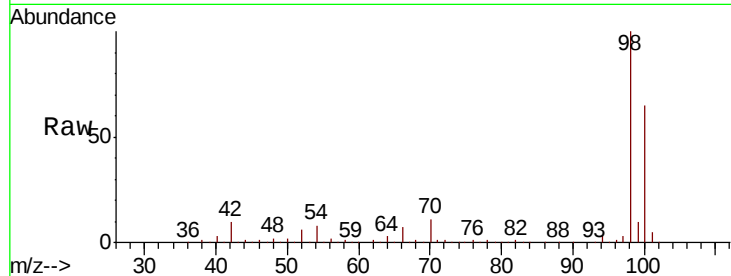
ClientSampleId :

Tot Ion: 98 Resp: 337457

Ion Ratio Lower Upper

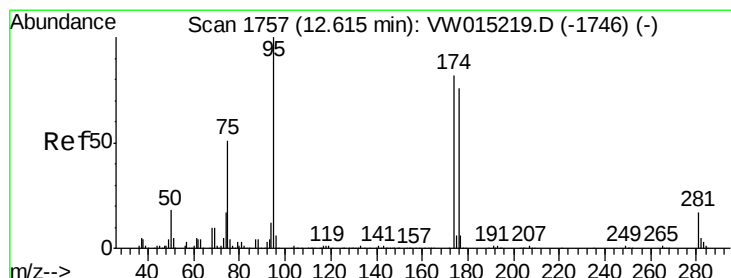
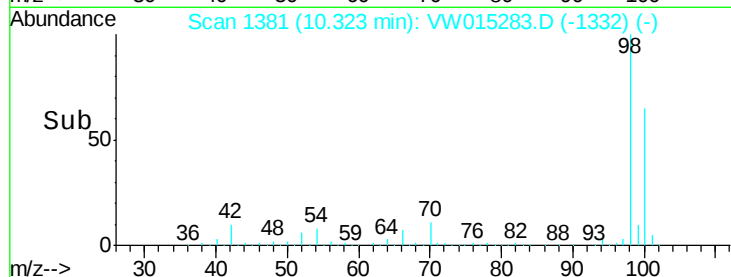
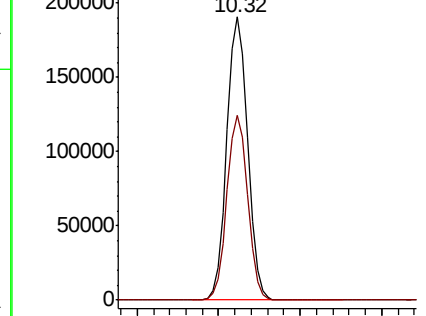
98 100

100 65.1 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: 44.605 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

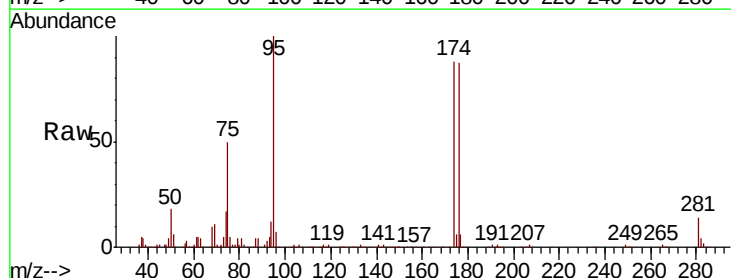
Tgt Ion: 95 Resp: 111228

Ion Ratio Lower Upper

95 100

174 91.4 0.0 144.4

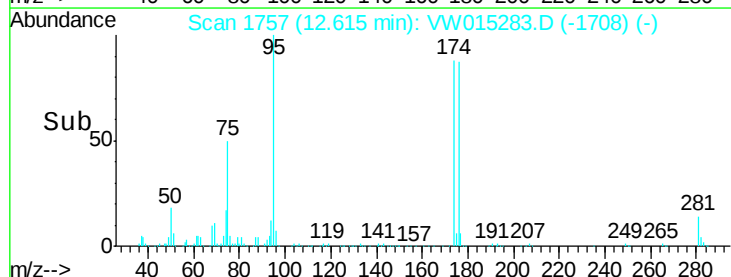
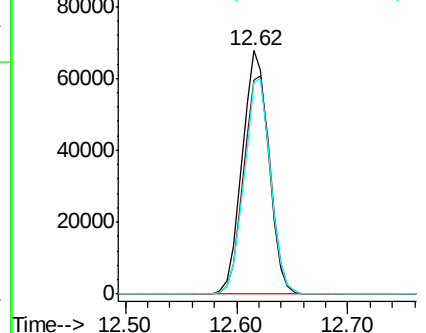
176 88.3 0.0 140.6

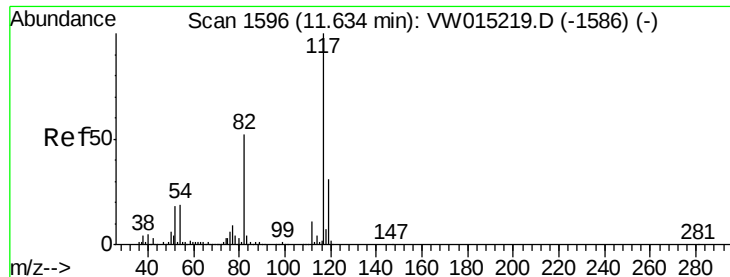


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1595

Delta R.T. -0.01 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

ClientSampled :

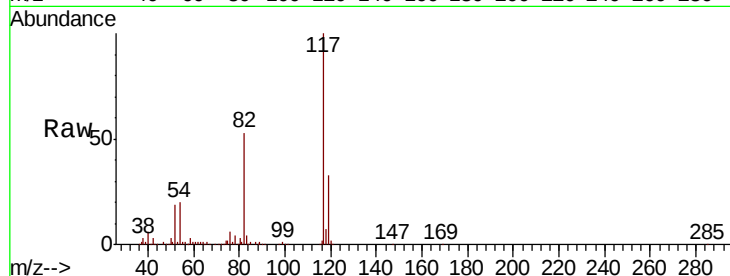
Tot Ion:117 Resp: 251971

Ion Ratio Lower Upper

117 100

82 53.1 44.1 66.1

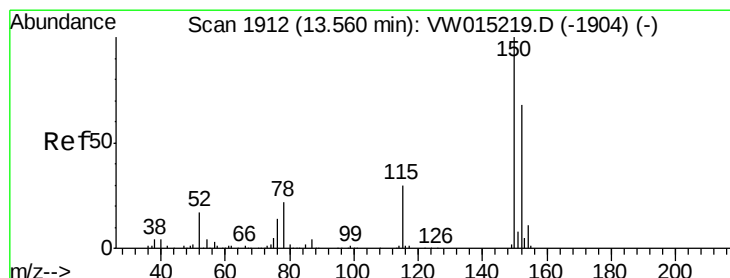
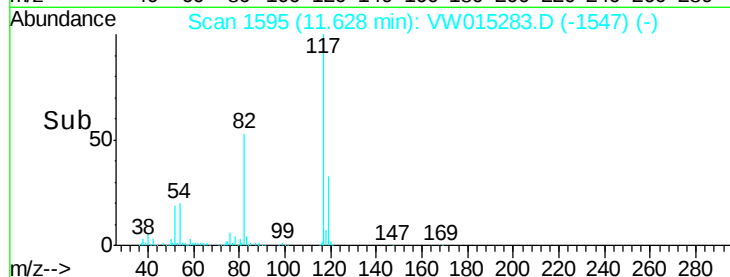
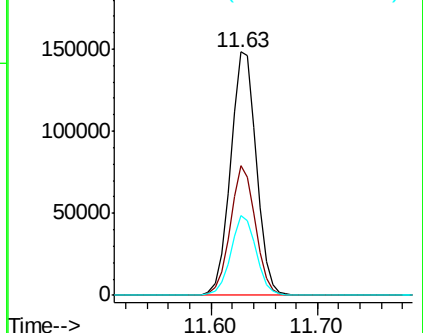
119 32.9 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

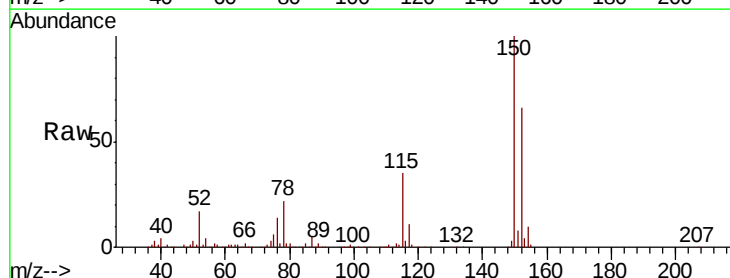
Tgt Ion:152 Resp: 112516

Ion Ratio Lower Upper

152 100

115 55.8 31.3 93.9

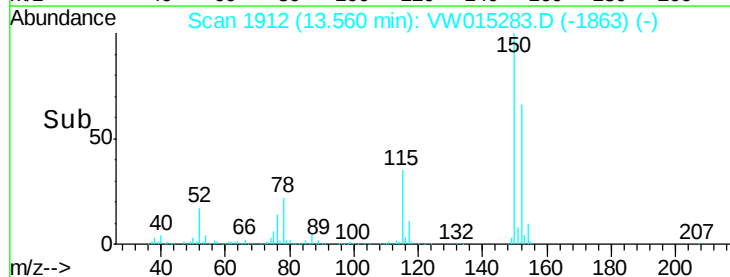
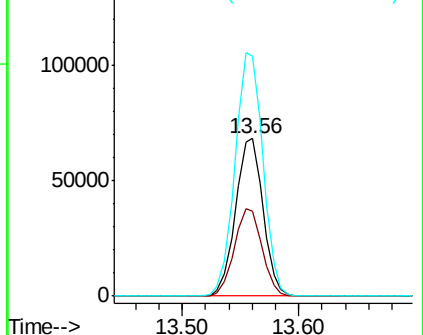
150 157.0 0.0 343.4

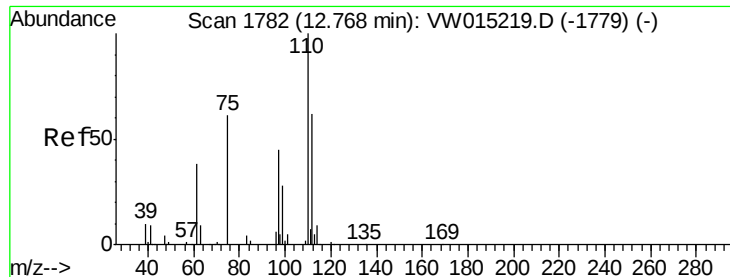


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 63.102 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

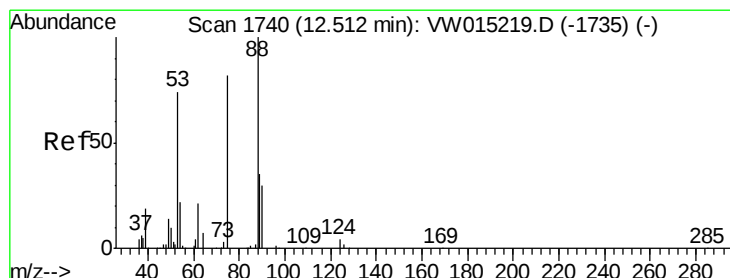
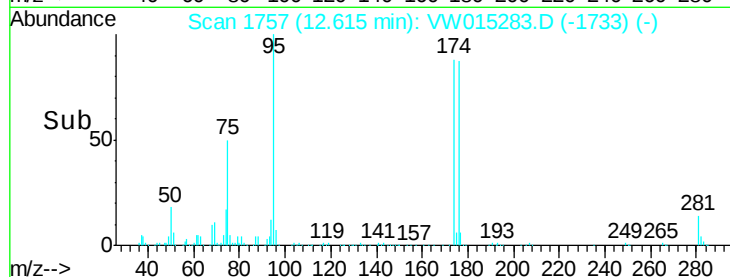
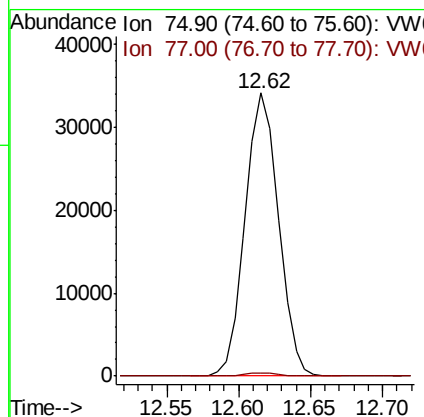
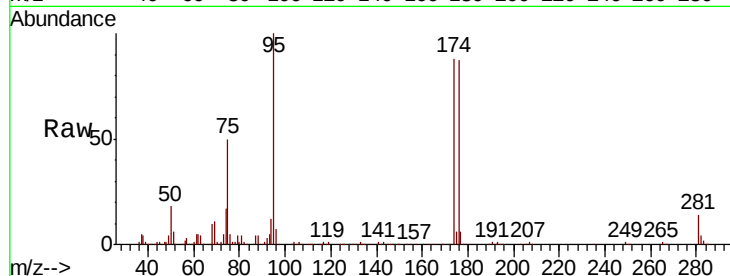
ClientSampleId :

Tot Ion: 75 Resp: 54926

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.941 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Tgt Ion: 75 Resp: 54926

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 34.8 52.2#

