

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015287.D
 Acq On : 22 Apr 2020 02:46
 Operator : SY/VA
 Sample : L2314-15
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:06:08 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

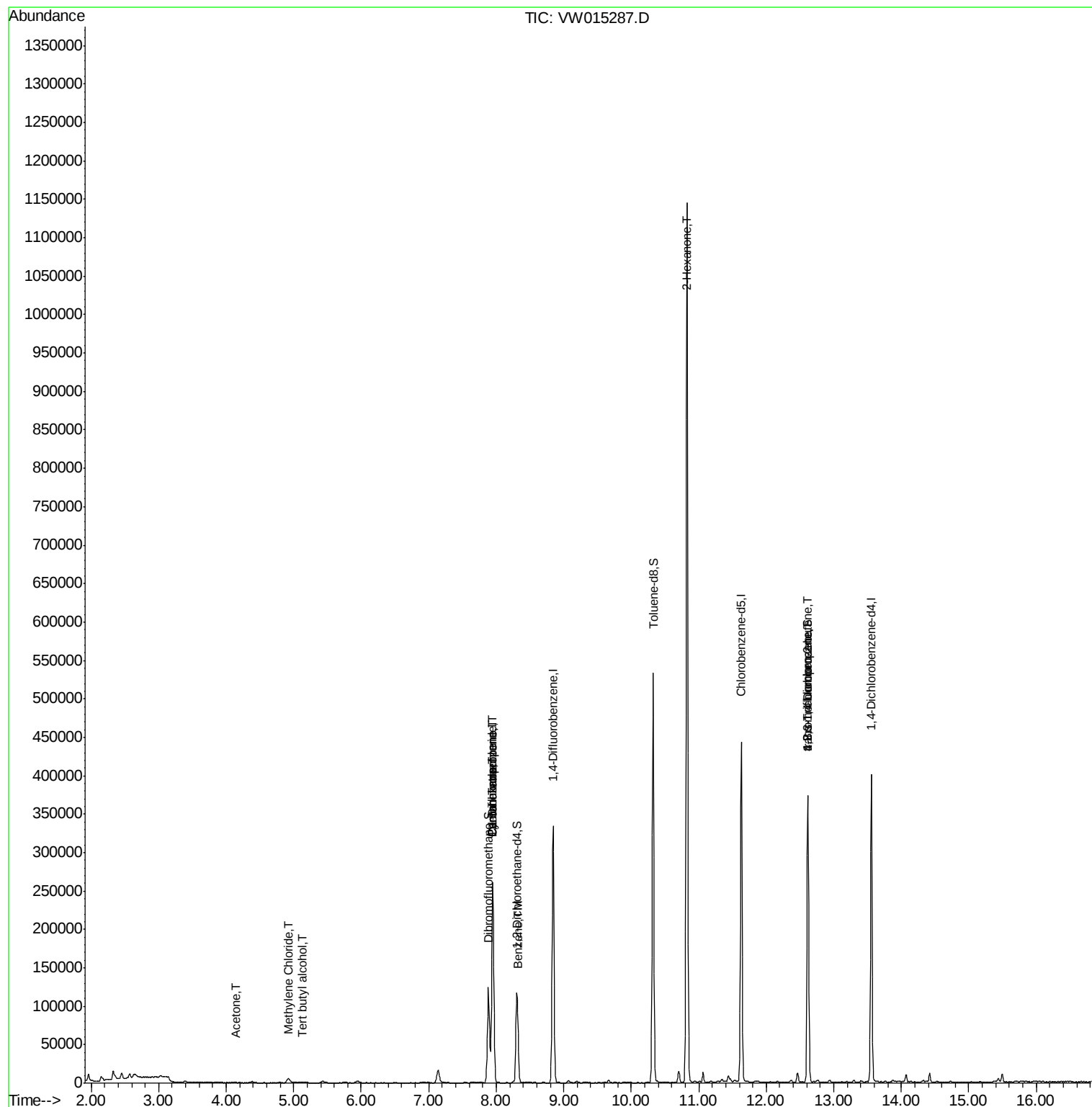
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	113627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87054	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	86474	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.32	98	361740	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.62	95	117239	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	723	4.988	ug/l #	80
16) Acetone	4.15	43	991	3.191	ug/l #	81
20) Methylene Chloride	4.92	84	4601	2.260	ug/l #	87
31) Cyclohexane	7.95	56	3879	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14102	5.194	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19329	6.515	ug/l #	18
40) Benzene	8.32	78	13607	1.876	ug/l #	90
59) 2-Hexanone	10.82	43	657397	1061.553	ug/l	78
76) 1,2,3-Trichloropropane	12.62	75	59071	67.200	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59071	146.901	ug/l #	15

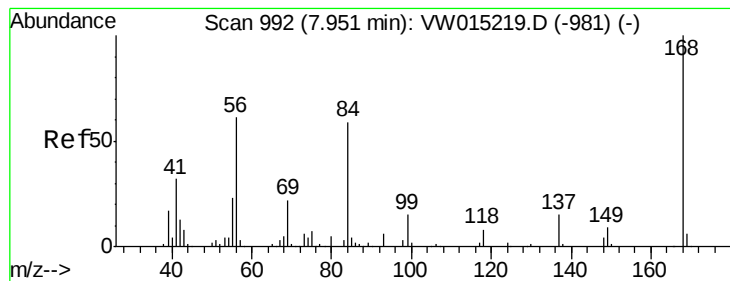
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015287.D

Acq: 22 Apr 2020 02:46

Instrument :

MSVOA_W

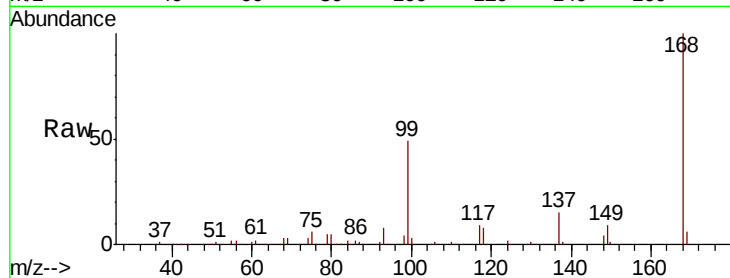
ClientSampled :

Tot Ion:168 Resp: 217452

Ion Ratio Lower Upper

168 100

99 49.4 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

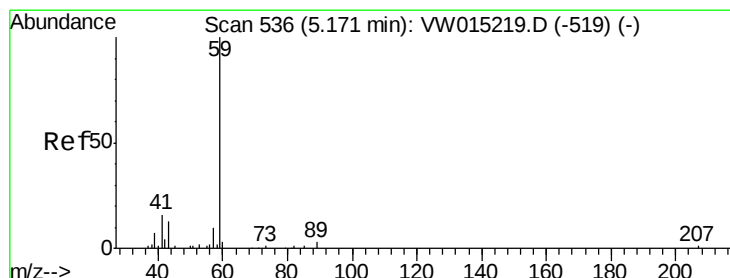
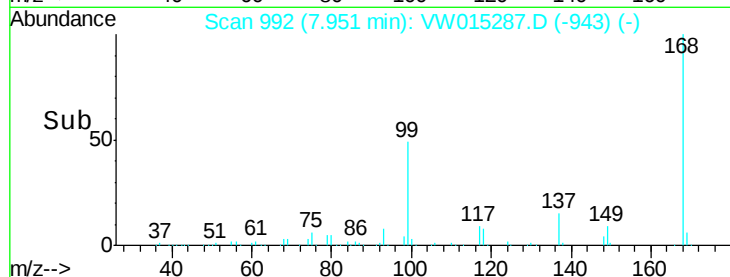
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.988 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW015287.D

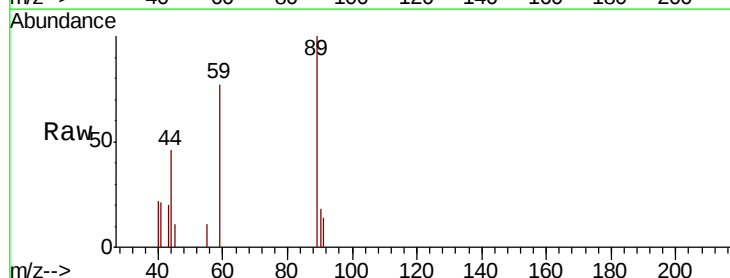
Acq: 22 Apr 2020 02:46

Tgt Ion: 59 Resp: 723

Ion Ratio Lower Upper

59 100

57 3.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

500

400

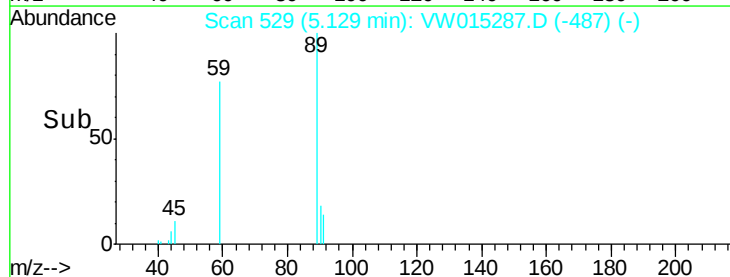
300

200

100

0

Time--> 5.05 5.10 5.15

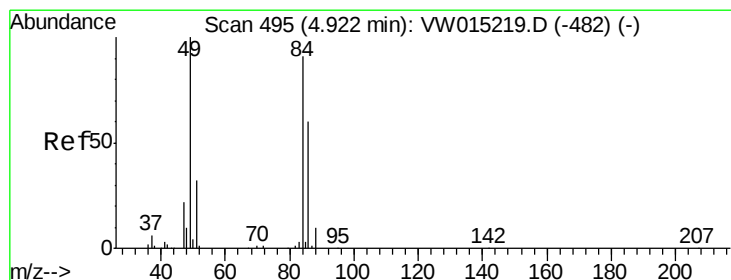
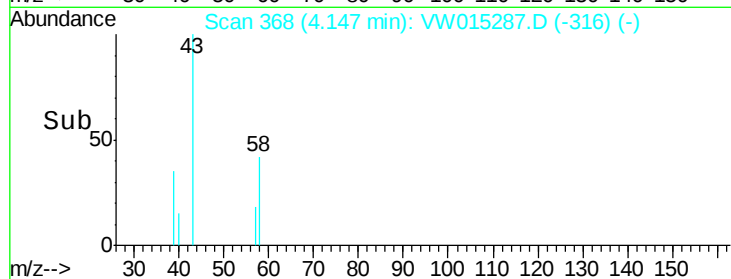
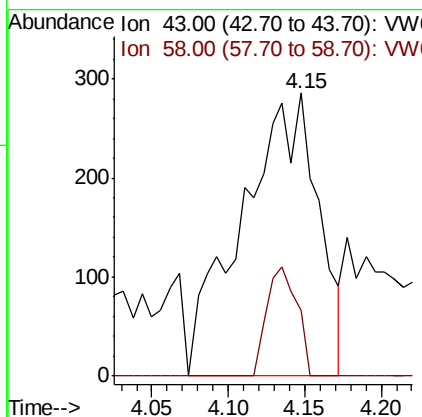
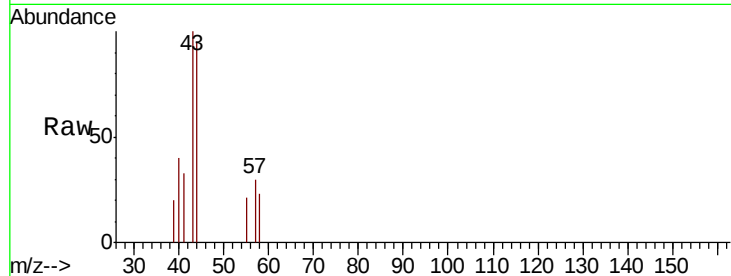




#16
Acetone
Concen: 3.191 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW015287.D
Acq: 22 Apr 2020 02:46

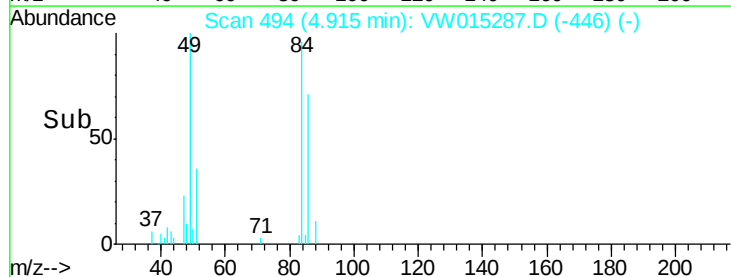
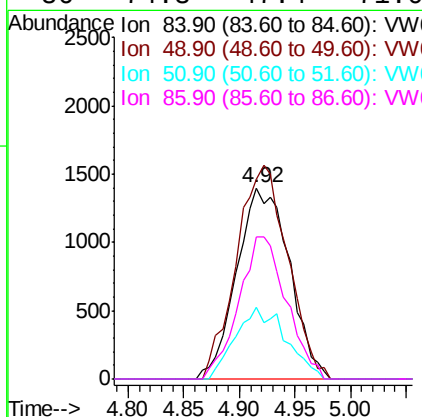
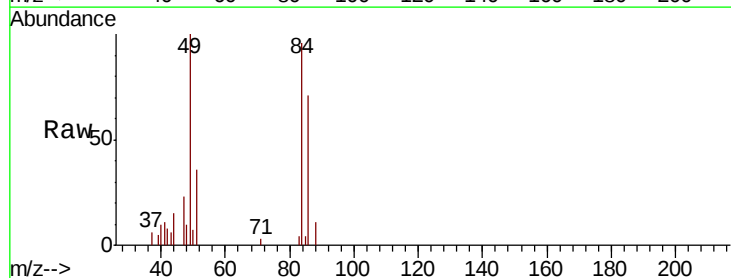
Instrument :
MSVOA_W
ClientSampled :

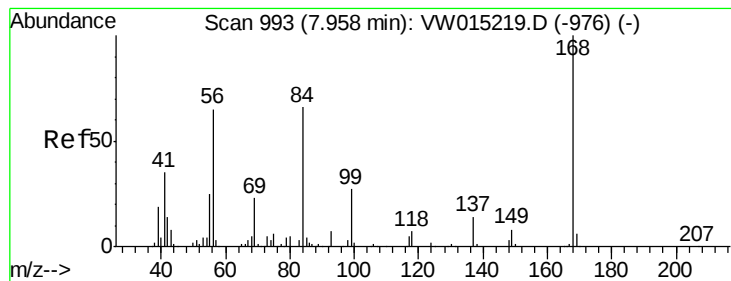
Tot Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 23.1 27.0 40.4#



#20
Methylene Chloride
Concen: 2.260 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015287.D
Acq: 22 Apr 2020 02:46

Tgt Ion: 84 Resp: 4601
Ion Ratio Lower Upper
84 100
49 104.6 95.4 143.0
51 37.6 29.8 44.8
86 74.3 47.4 71.0#





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

Instrument :

MSVOA_W

ClientSampled :

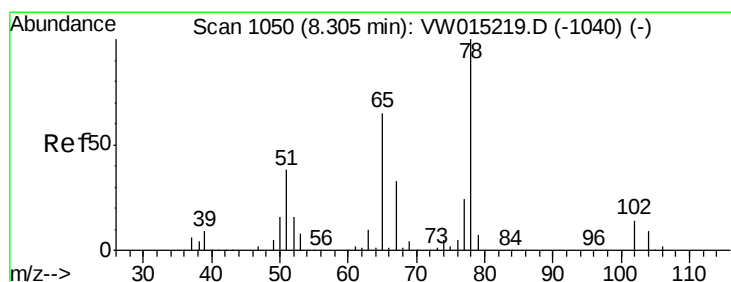
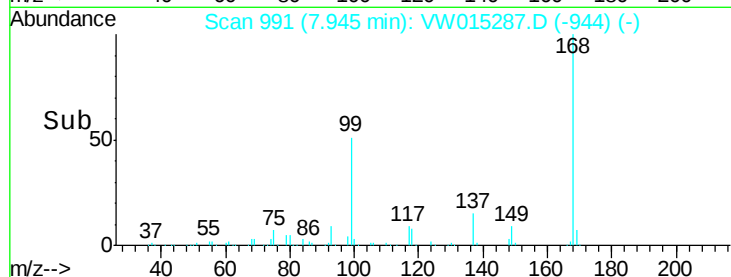
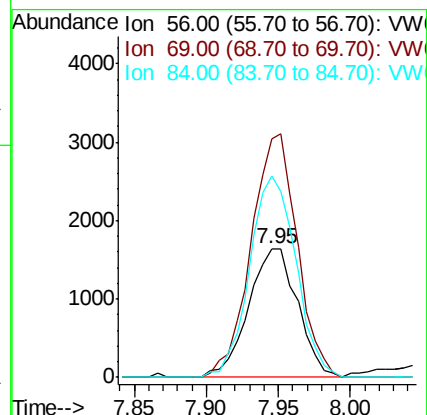
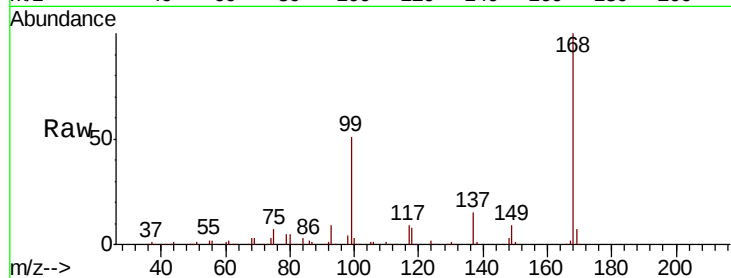
Tot Ion: 56 Resp: 3879

Ion Ratio Lower Upper

56 100

69 186.1 27.1 40.7#

84 157.1 71.9 107.9#



#33

1,2-Dichloroethane-d4

Concen: 48.956 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015287.D

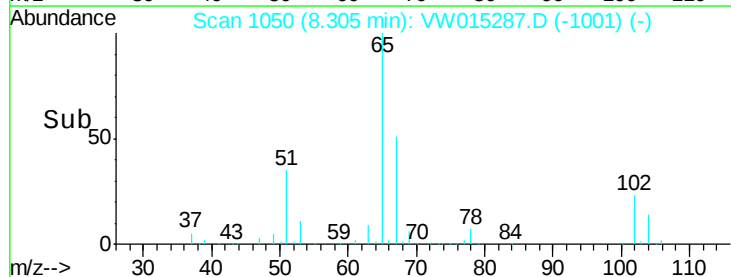
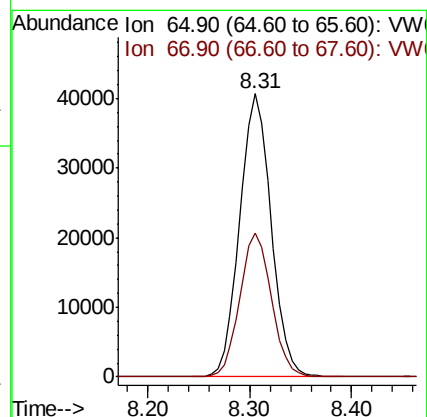
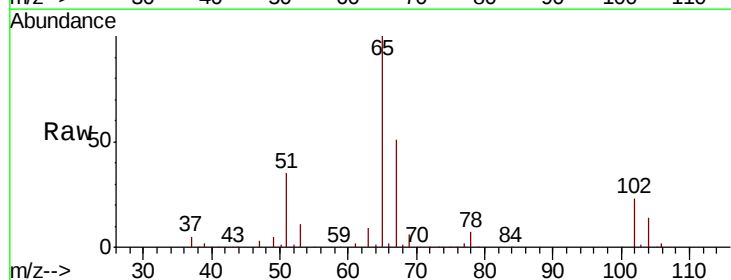
Acq: 22 Apr 2020 02:46

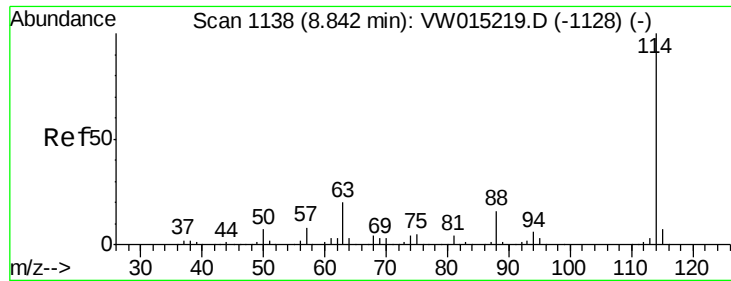
Tgt Ion: 65 Resp: 87054

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.0

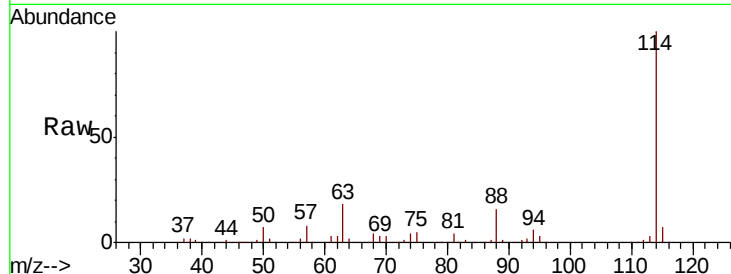




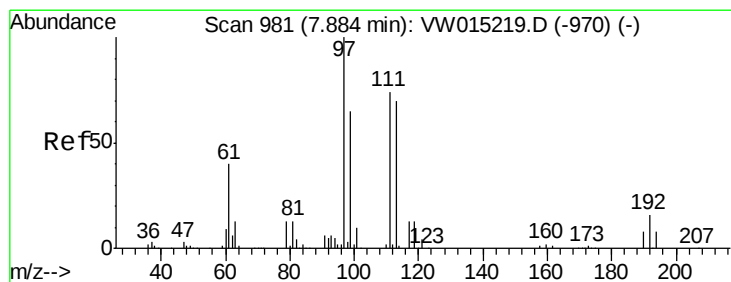
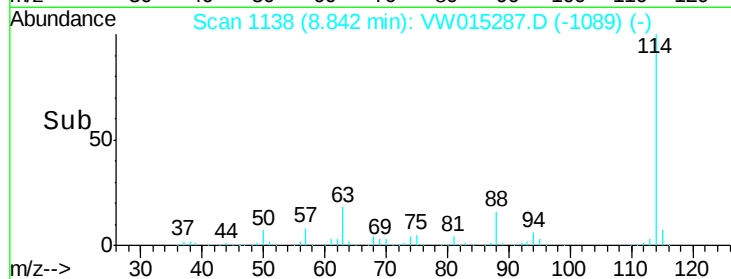
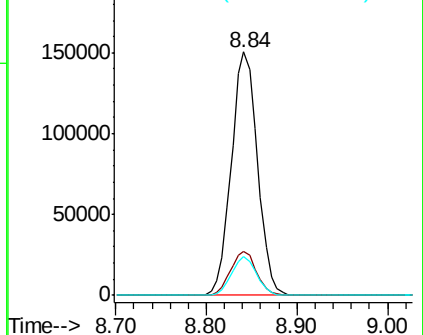
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015287.D
 Acq: 22 Apr 2020 02:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.8
88	15.8	0.0	30.2

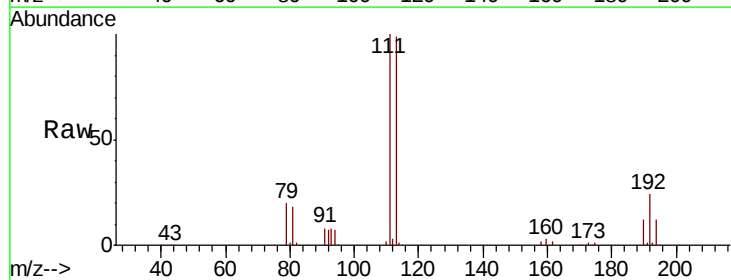


Abundance Ion 113.90 (113.60 to 114.60): V

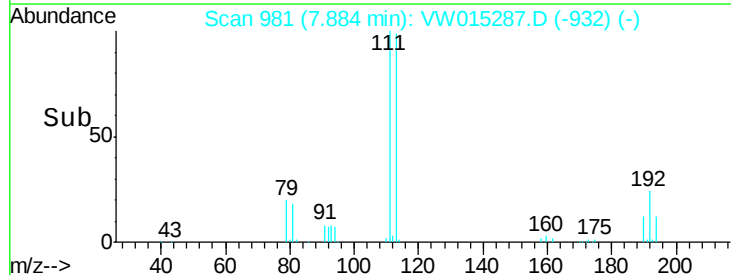
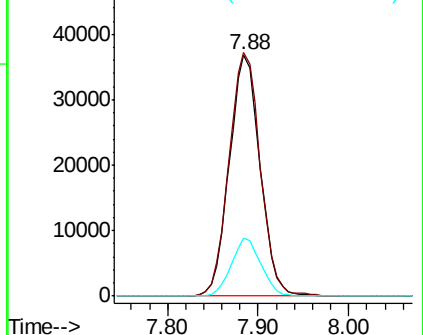


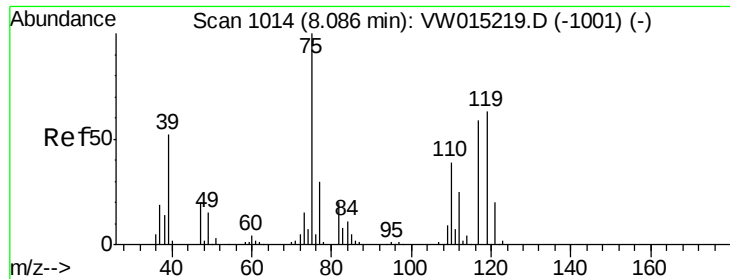
#35
 Dibromofluoromethane
 Concen: 51.896 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015287.D
 Acq: 22 Apr 2020 02:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	23.2	15.1	22.7#



Abundance Ion 112.80 (112.50 to 113.50): V

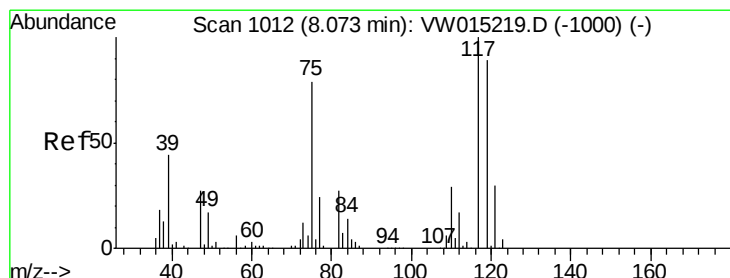
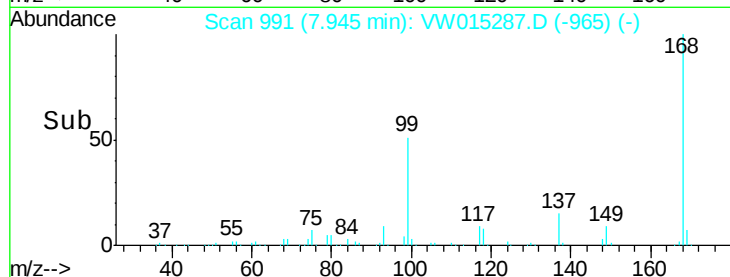
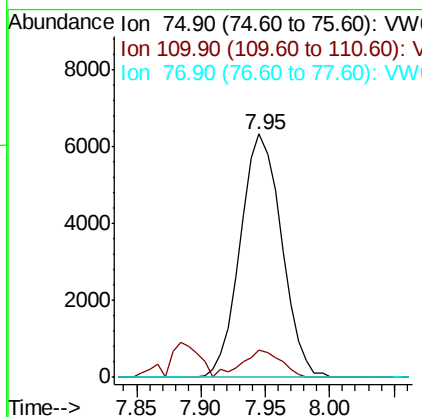
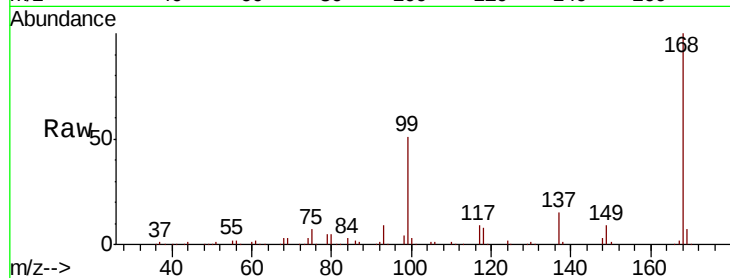




#36
 1,1-Dichloropropene
 Concen: 5.194 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015287.D
 Acq: 22 Apr 2020 02:46

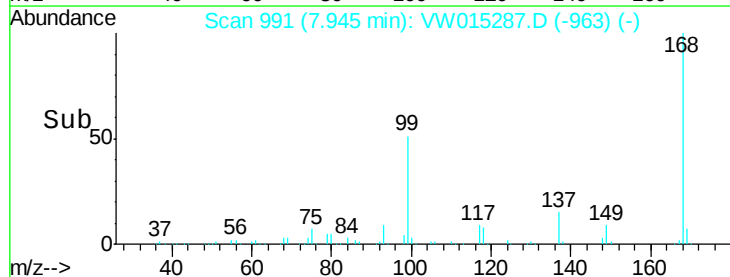
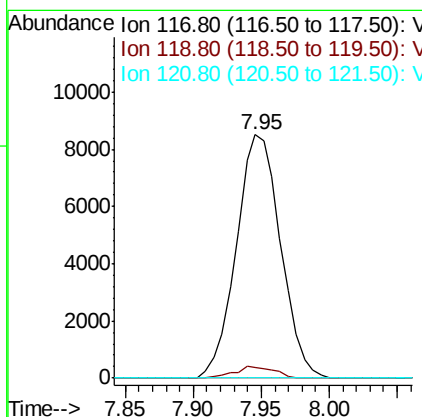
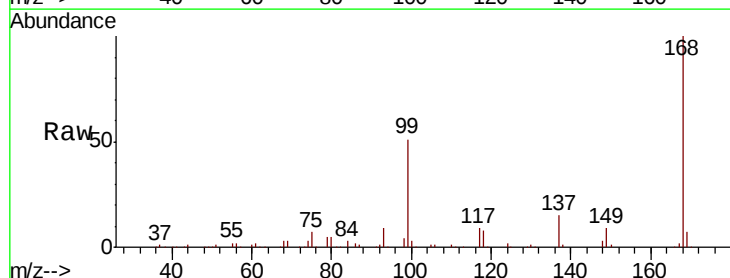
Instrument :
 MSVOA_W
 ClientSampleId :

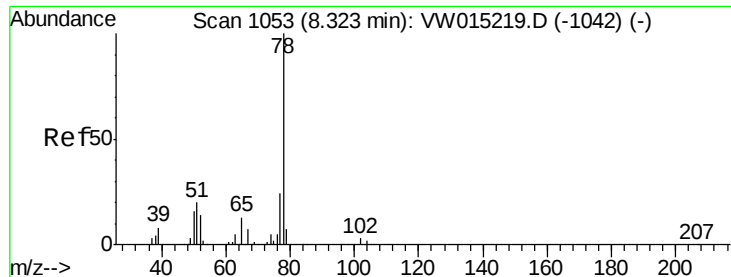
Tot Ion	75	Resp	14102
Ion Ratio	100	Lower	Upper
110	9.6	18.2	54.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.515 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015287.D
 Acq: 22 Apr 2020 02:46

Tgt Ion	117	Resp	19329
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	4.5	72.3	108.5#
121	0.0	23.7	35.5#





#40

Benzene

Concen: 1.876 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

Instrument :

MSVOA_W

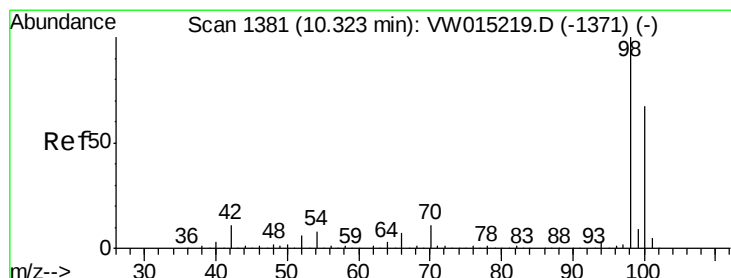
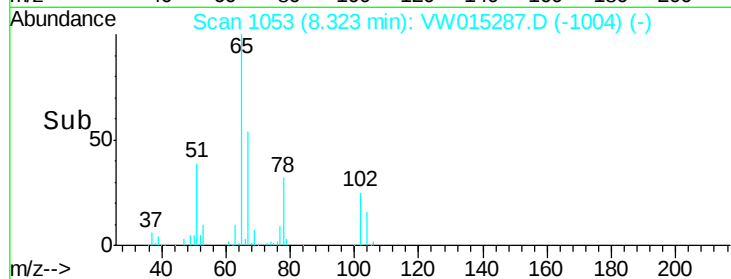
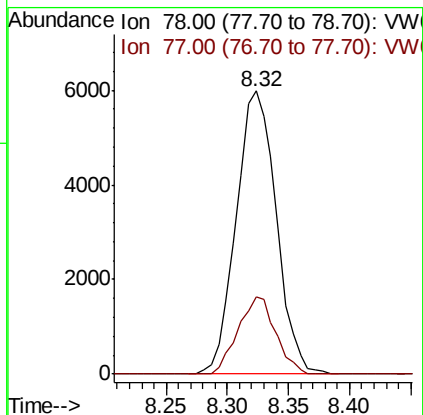
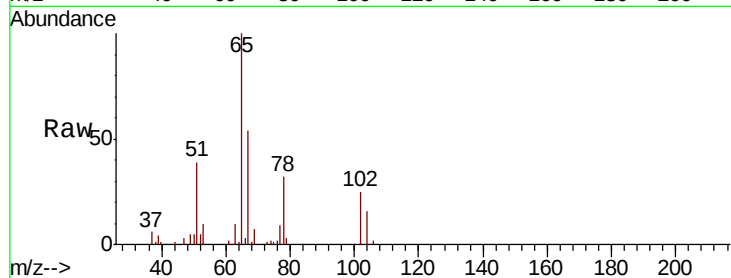
ClientSampleId :

Tot Ion: 78 Resp: 13607

Ion Ratio Lower Upper

78 100

77 27.5 18.2 27.2#



#50

Toluene-d8

Concen: 51.607 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015287.D

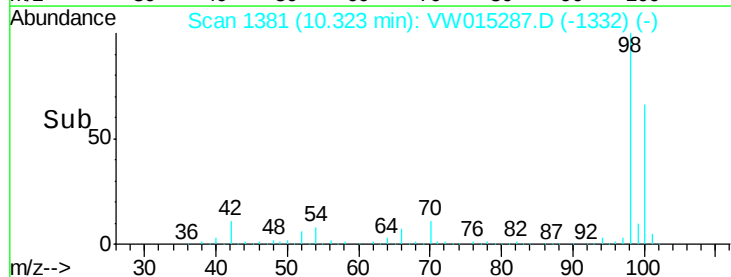
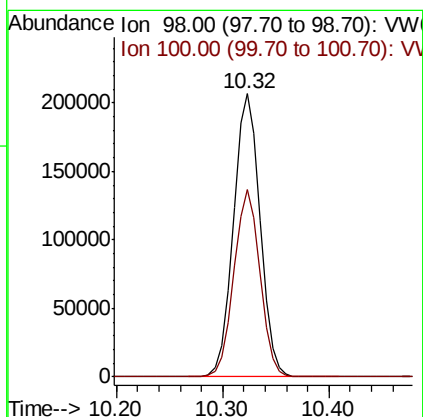
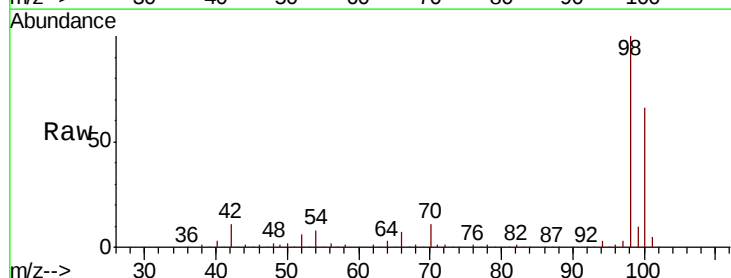
Acq: 22 Apr 2020 02:46

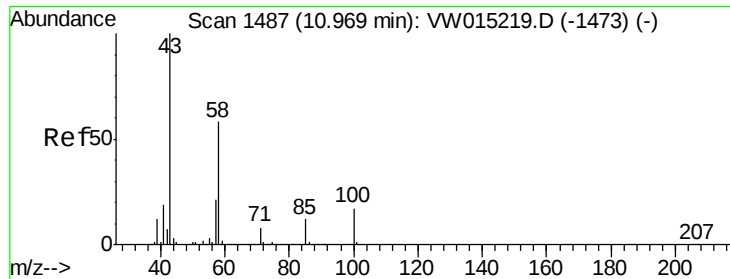
Tgt Ion: 98 Resp: 361740

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

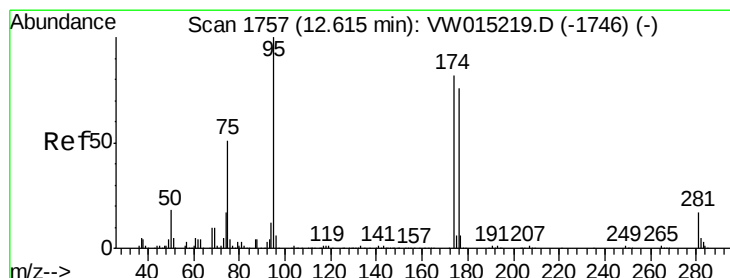
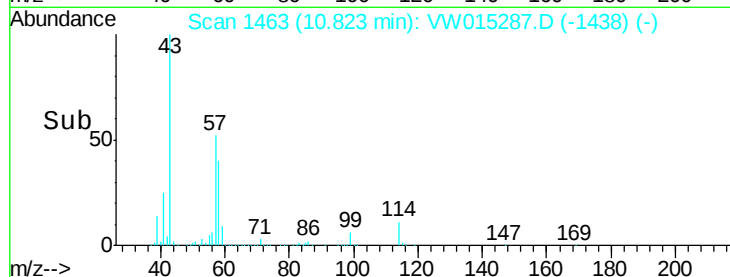
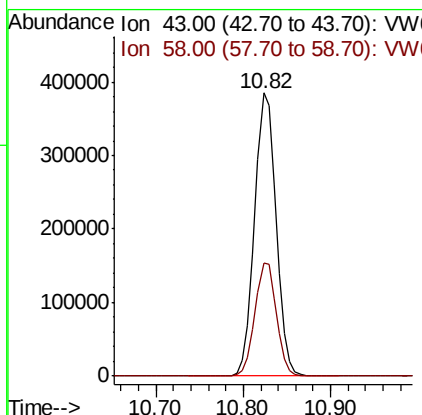
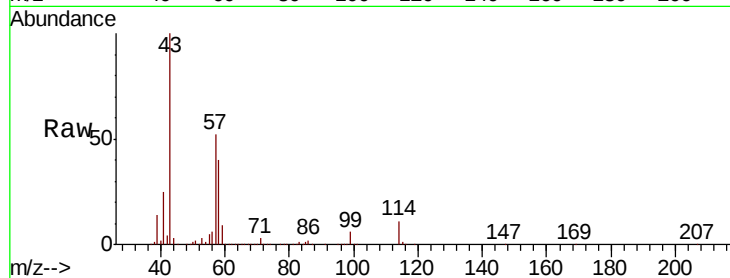




#59
2-Hexanone
Concen: 1061.553 ug/l
RT: 10.82 min Scan# 1463
Delta R.T. -0.15 min
Lab File: VW015287.D
Acq: 22 Apr 2020 02:46

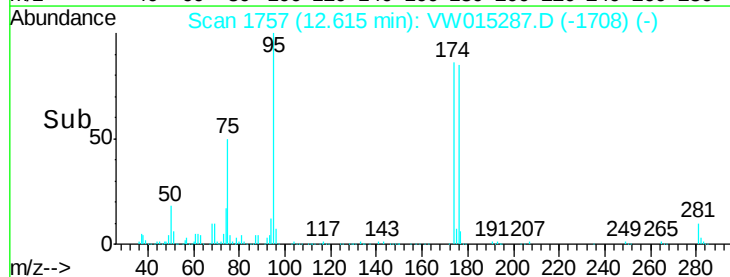
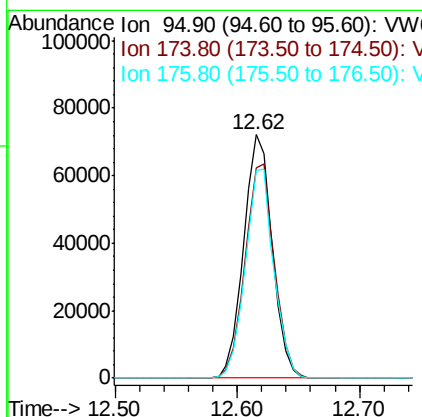
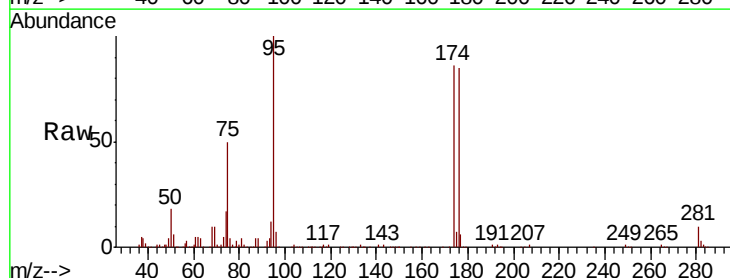
Instrument :
MSVOA_W
ClientSampled :

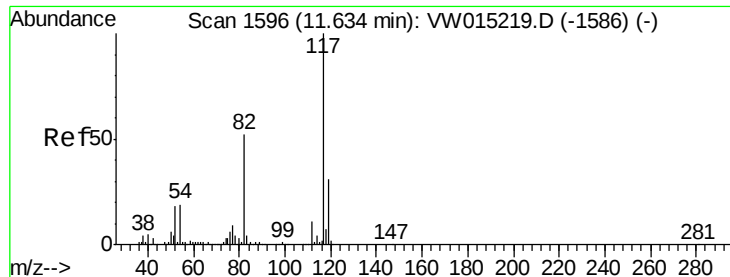
Tot Ion: 43 Resp: 657397
Ion Ratio Lower Upper
43 100
58 40.0 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 43.836 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015287.D
Acq: 22 Apr 2020 02:46

Tgt Ion: 95 Resp: 117239
Ion Ratio Lower Upper
95 100
174 90.2 0.0 144.4
176 86.0 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

Instrument :

MSVOA_W

ClientSampleId :

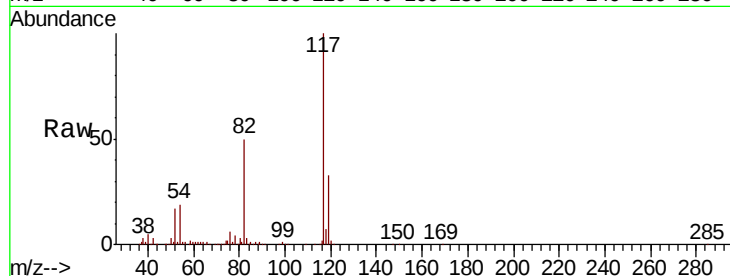
Tot Ion:117 Resp: 269362

Ion Ratio Lower Upper

117 100

82 50.0 44.1 66.1

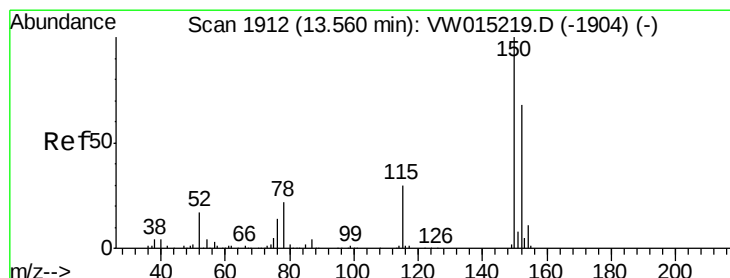
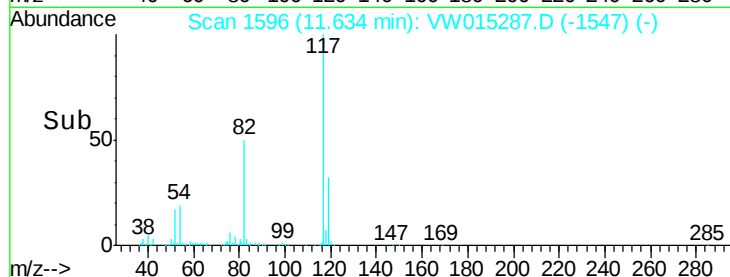
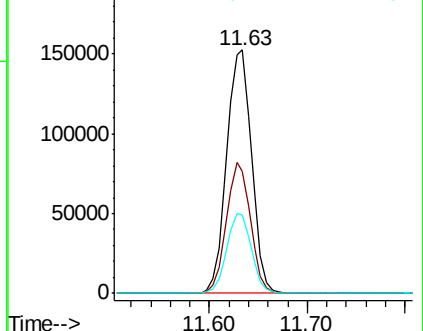
119 32.4 24.9 37.3



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

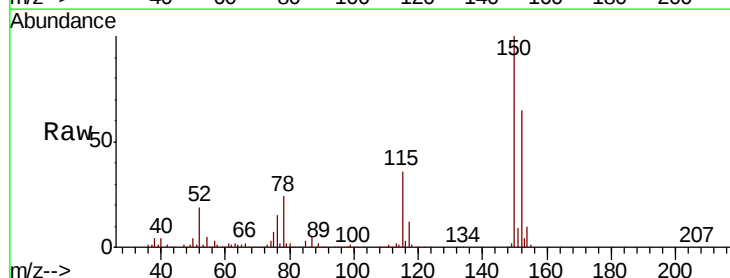
Tgt Ion:152 Resp: 113627

Ion Ratio Lower Upper

152 100

115 55.5 31.3 93.9

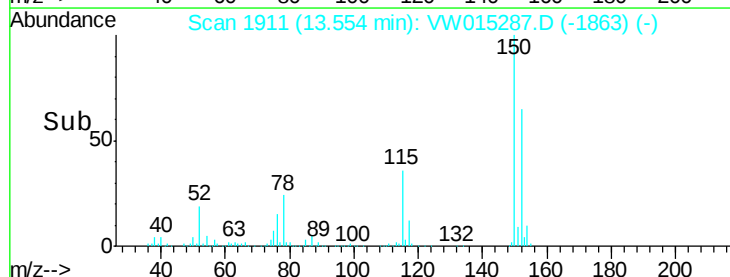
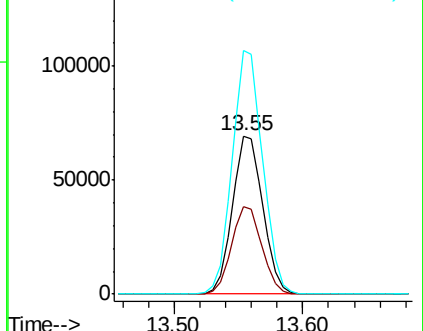
150 154.5 0.0 343.4

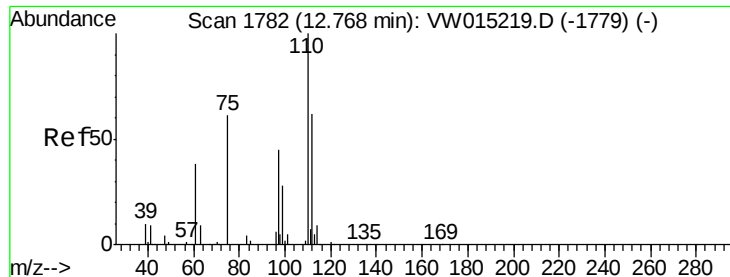


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 67.200 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

Instrument :

MSVOA_W

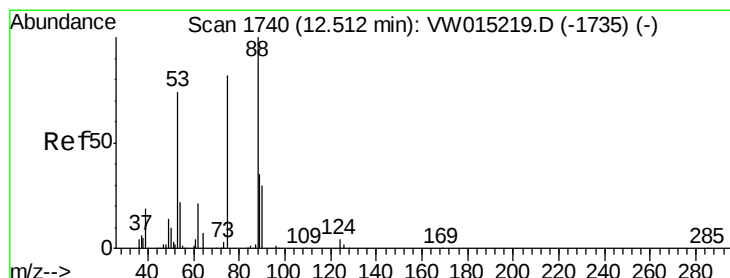
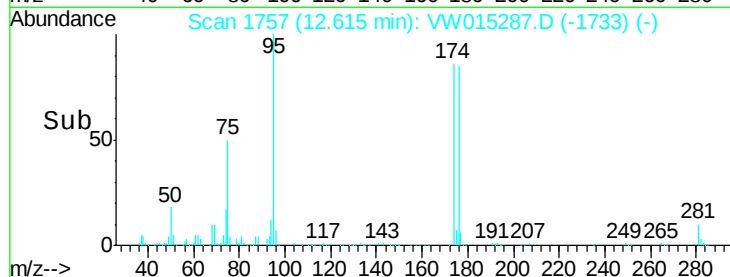
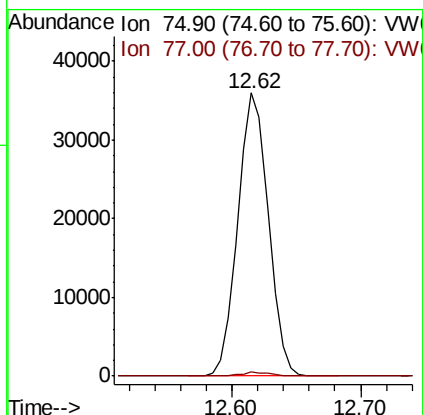
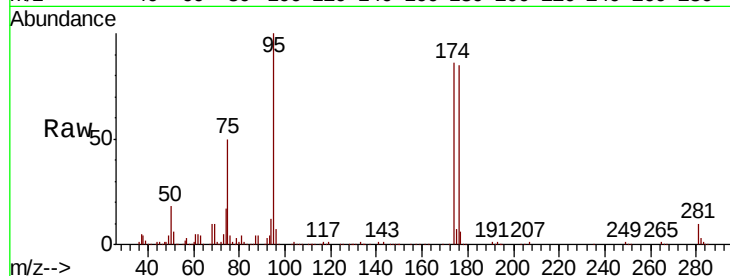
ClientSampled :

Tot Ion: 75 Resp: 59071

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.901 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015287.D

Acq: 22 Apr 2020 02:46

Tgt Ion: 75 Resp: 59071

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#

