

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015254.D
 Acq On : 21 Apr 2020 11:44
 Operator : SY/VA
 Sample : L2314-01
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:54:40 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	216446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	308974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83301	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	7.88	113	86463	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.32	98	373002	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	120024	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	

Target Compounds

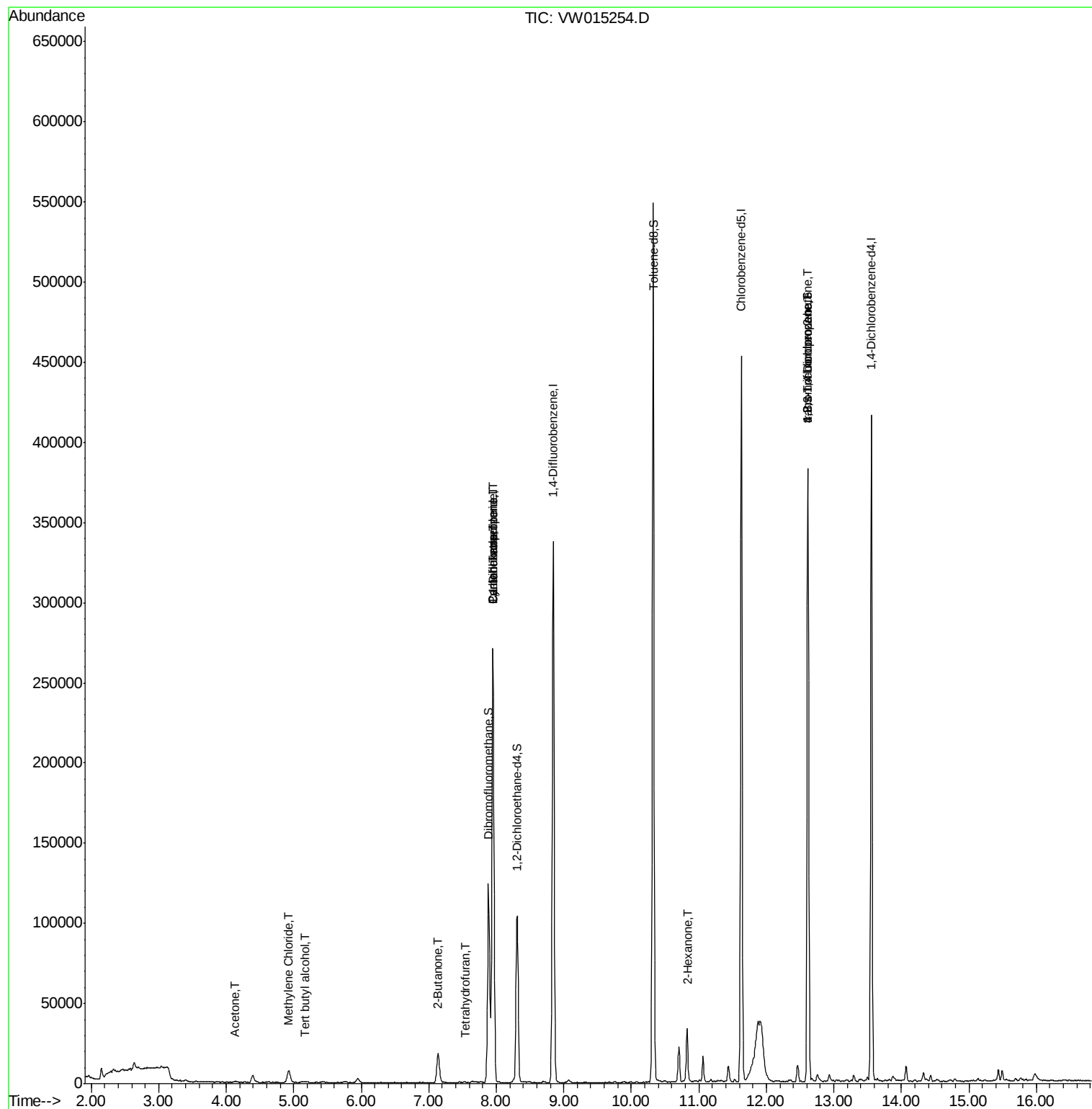
					Qvalue	
11) Tert butyl alcohol	5.17	59	990	6.862	ug/l #	63
16) Acetone	4.13	43	1477	4.778	ug/l	99
20) Methylene Chloride	4.93	84	6255	3.087	ug/l	87
25) 2-Butanone	7.14	43	1230	2.999	ug/l #	48
29) Tetrahydrofuran	7.55	42	300	1.174	ug/l #	32
31) Cyclohexane	7.95	56	4191	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14186	5.087	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19433	6.377	ug/l #	18
59) 2-Hexanone	10.82	43	20380	32.040	ug/l	75
76) 1,2,3-Trichloropropane	12.62	75	60755	67.272	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60755	147.057	ug/l #	15

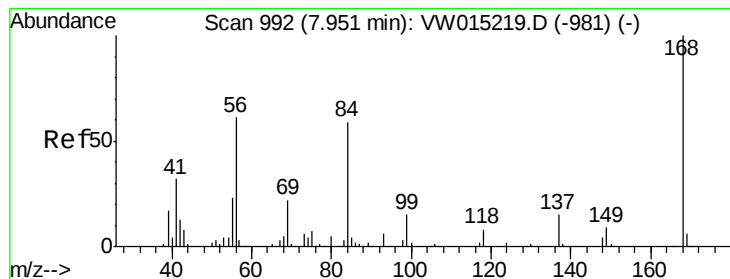
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015254.D
Acq On : 21 Apr 2020 11:44
Operator : SY/VA
Sample : L2314-01
Misc : 4.41G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Apr 22 05:54:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

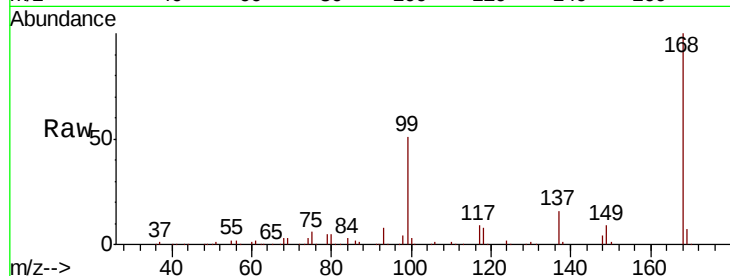




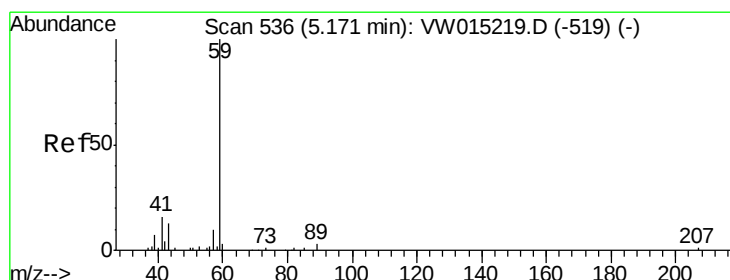
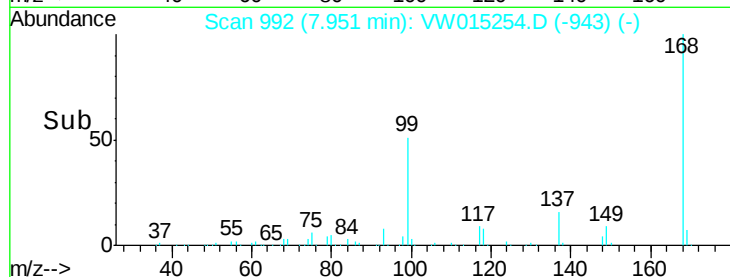
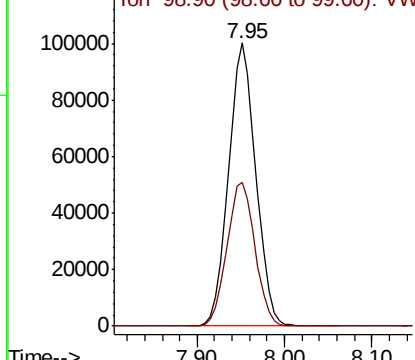
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 216446
Ion Ratio Lower Upper
168 100
99 50.7 48.5 72.7

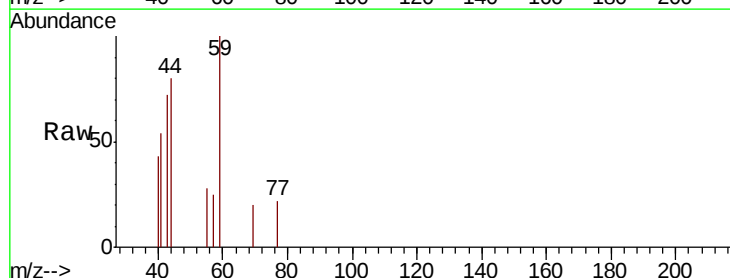


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW

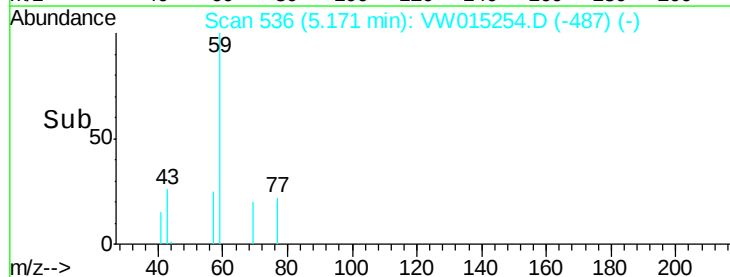
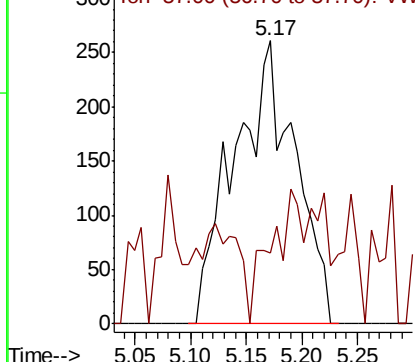


#11
Tert butyl alcohol
Concen: 6.862 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 59 Resp: 990
Ion Ratio Lower Upper
59 100
57 24.2 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW

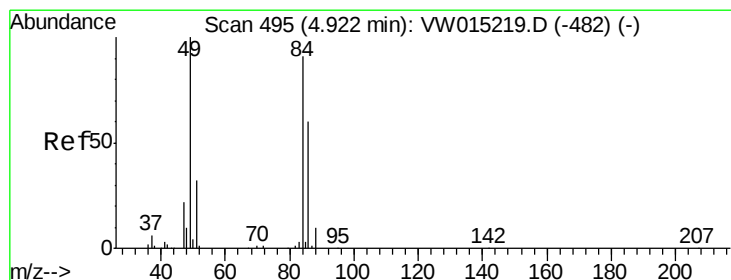
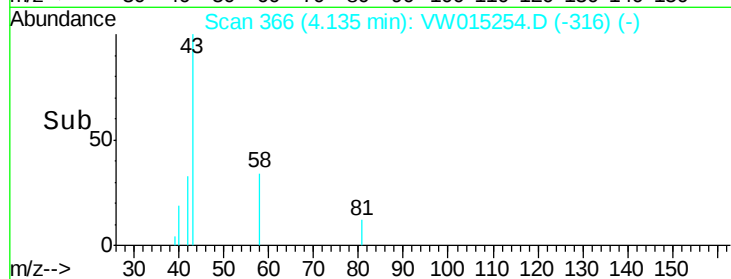
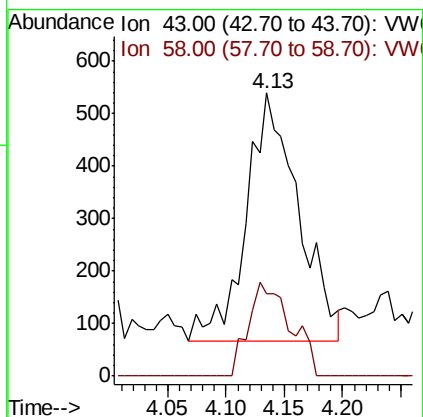
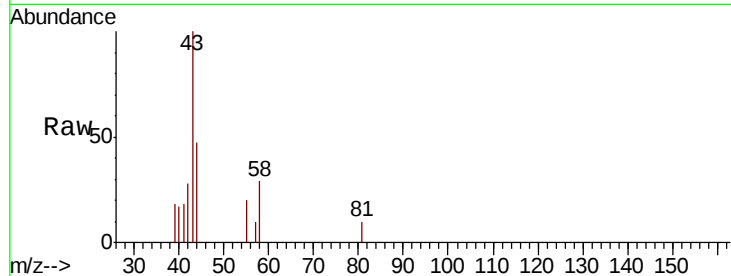




#16
Acetone
Concen: 4.778 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

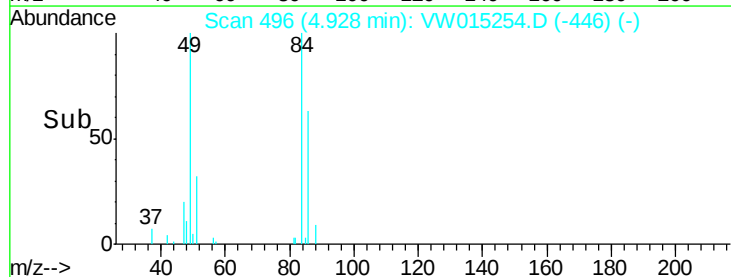
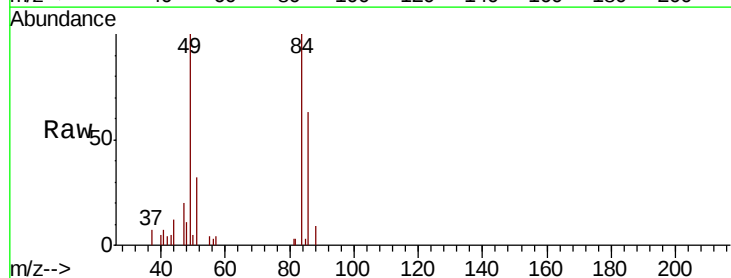
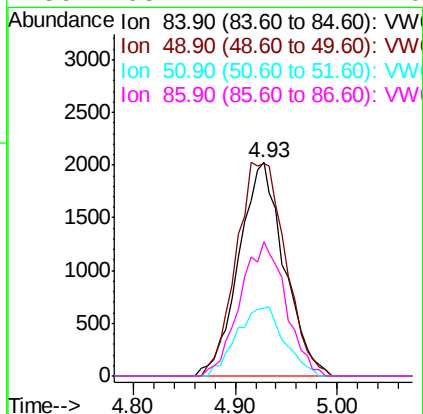
Instrument :
MSVOA_W
ClientSampled :

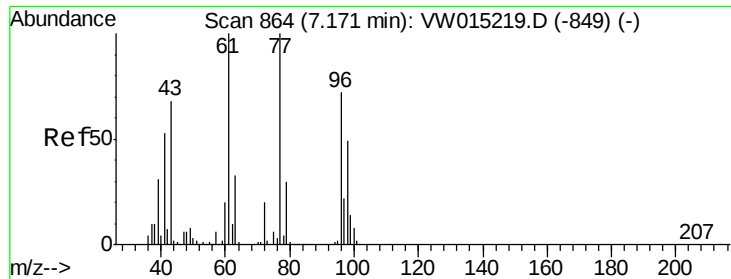
Tot Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 33.0 27.0 40.4



#20
Methylene Chloride
Concen: 3.087 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 84 Resp: 6255
Ion Ratio Lower Upper
84 100
49 99.7 95.4 143.0
51 31.9 29.8 44.8
86 63.1 47.4 71.0





#25

2-Butanone

Concen: 2.999 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

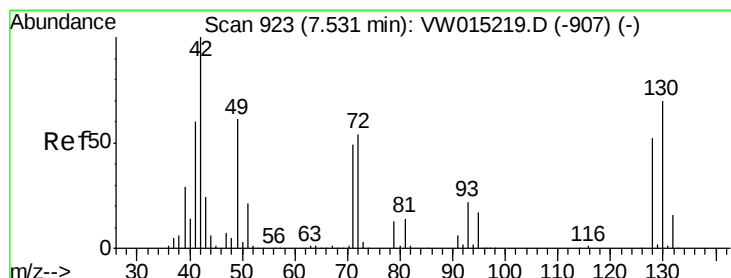
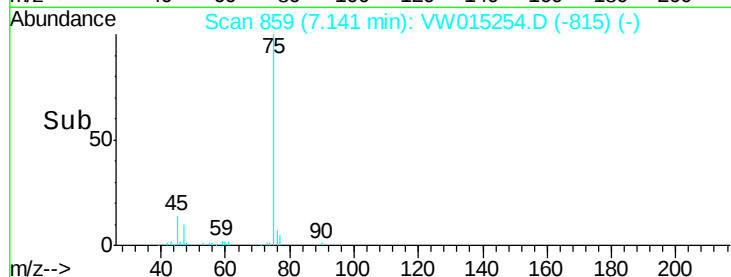
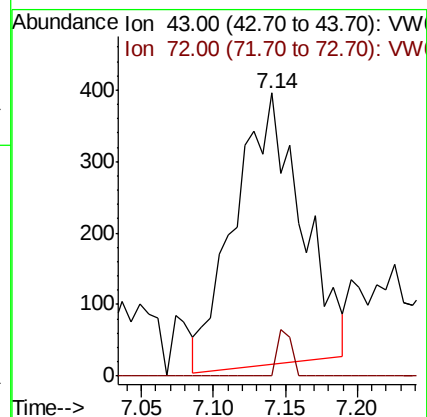
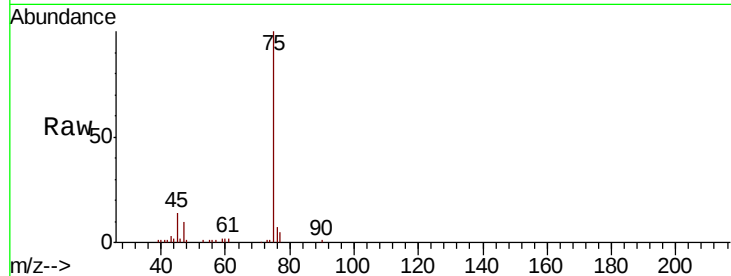
ClientSampled :

Tot Ion: 43 Resp: 1230

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#29

Tetrahydrofuran

Concen: 1.174 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

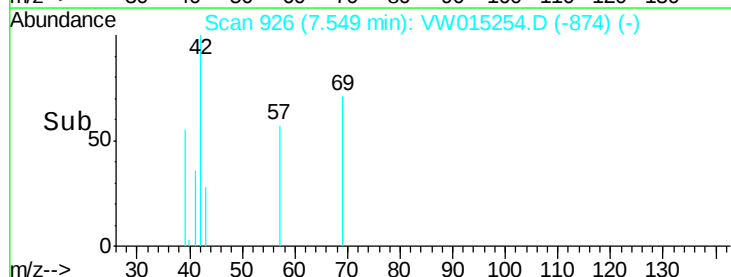
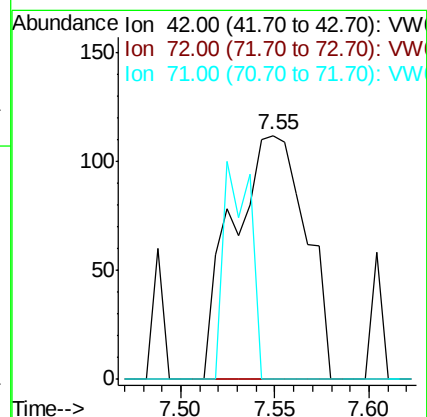
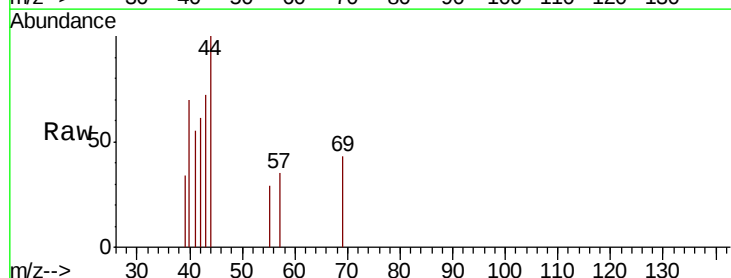
Tgt Ion: 42 Resp: 300

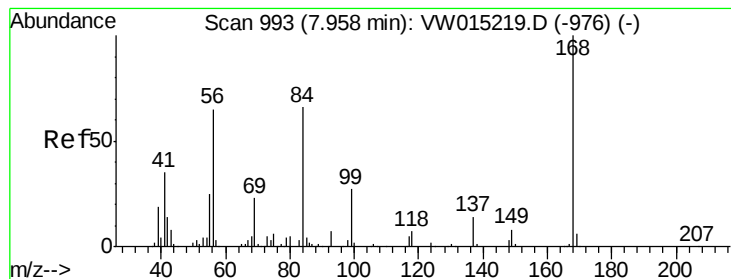
Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.2#

71 0.0 34.2 51.4#





#31

Cyclohexane

Concen: 1.280 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

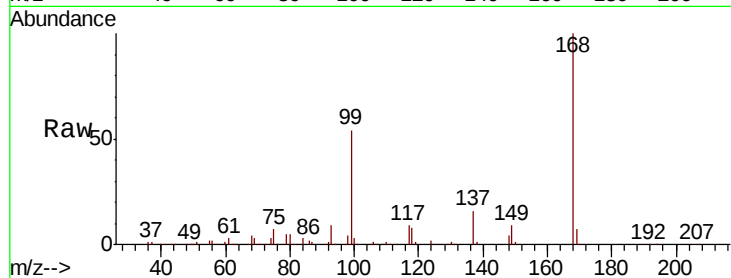
Tot Ion: 56 Resp: 4191

Ion Ratio Lower Upper

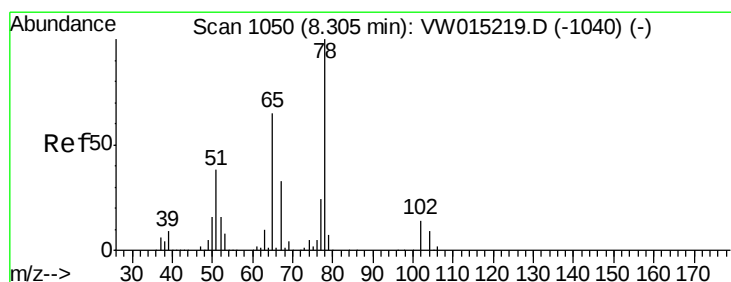
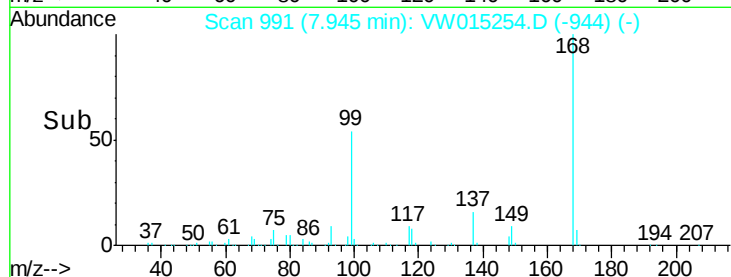
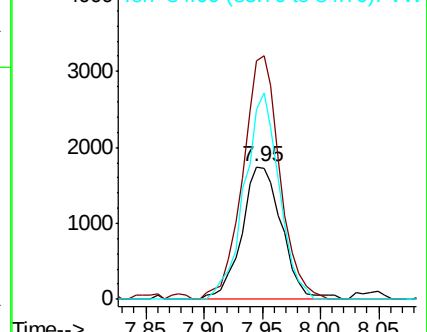
56 100

69 180.4 27.1 40.7#

84 143.6 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: 47.063 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015254.D

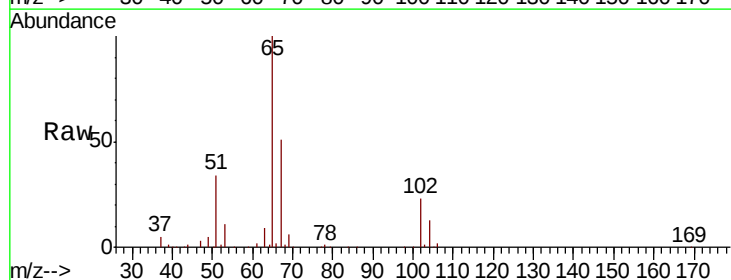
Acq: 21 Apr 2020 11:44

Tgt Ion: 65 Resp: 83301

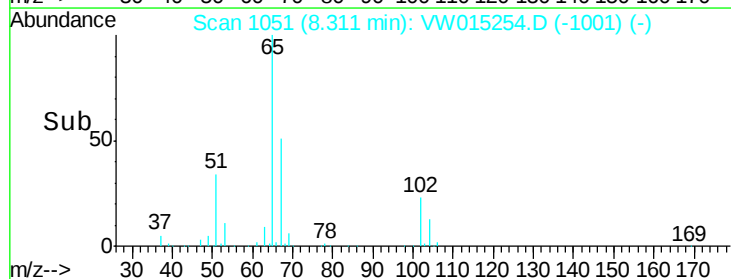
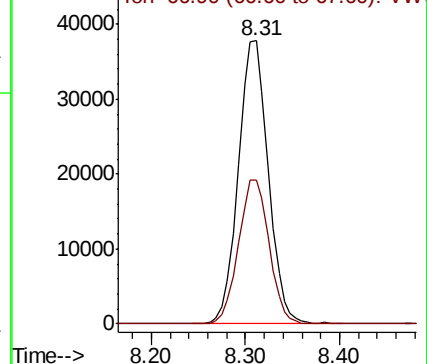
Ion Ratio Lower Upper

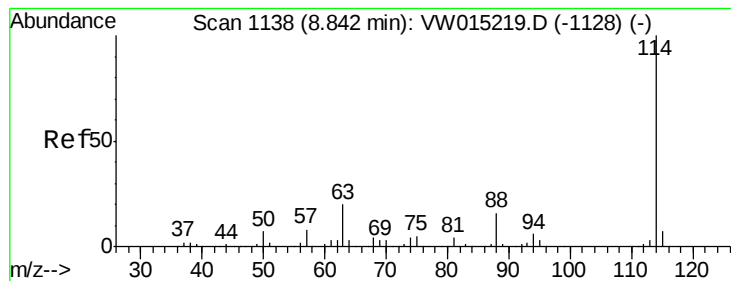
65 100

67 52.2 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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

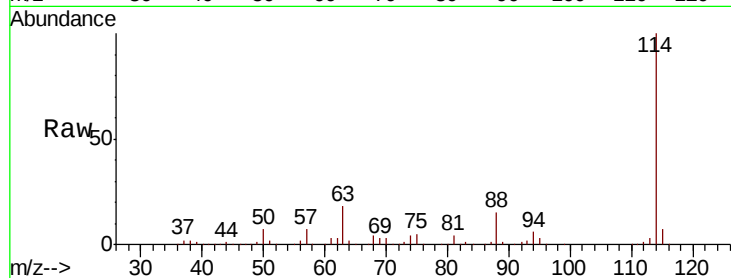
Tot Ion:114 Resp: 308974

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.8

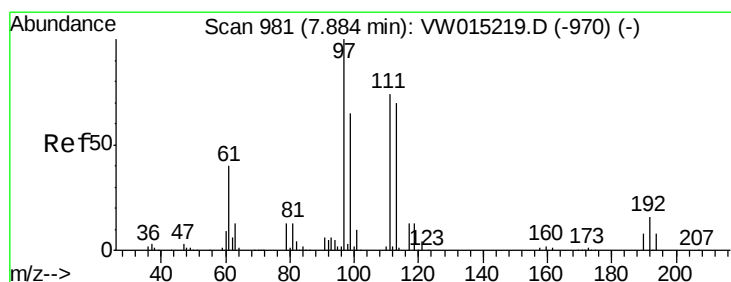
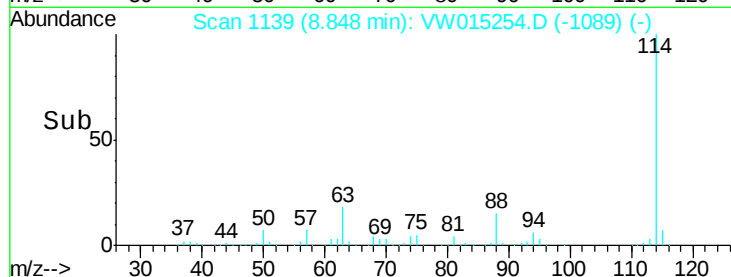
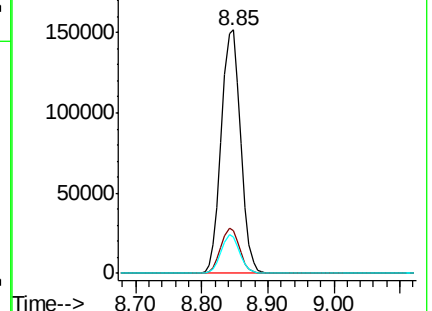
88 15.1 0.0 30.2



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: 50.520 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

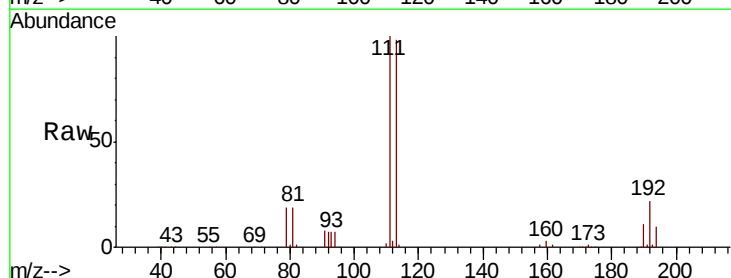
Tgt Ion:113 Resp: 86463

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

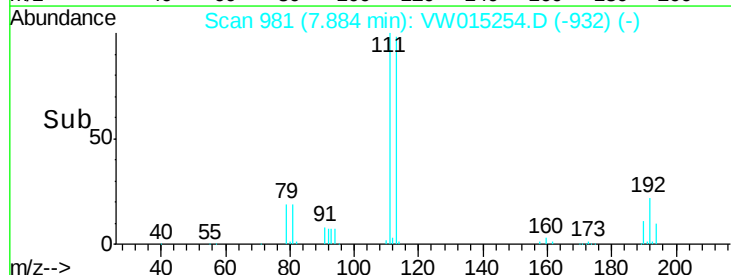
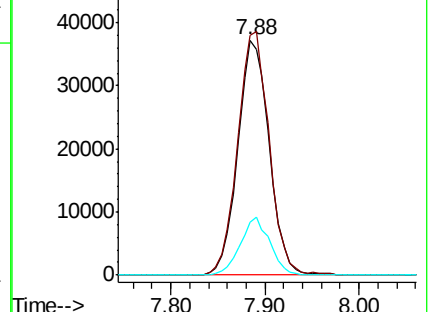
192 23.1 15.1 22.7#

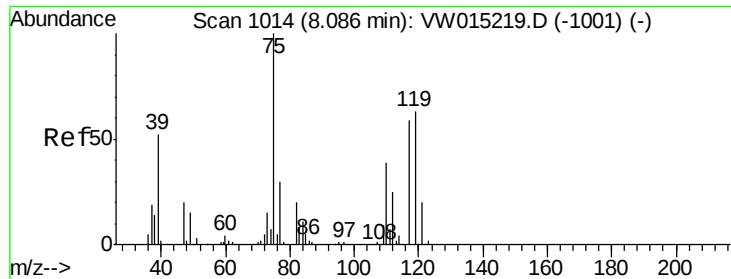


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

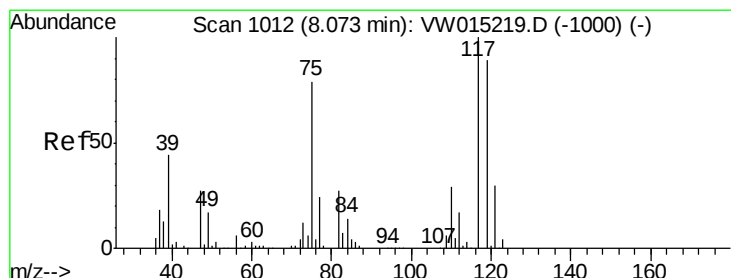
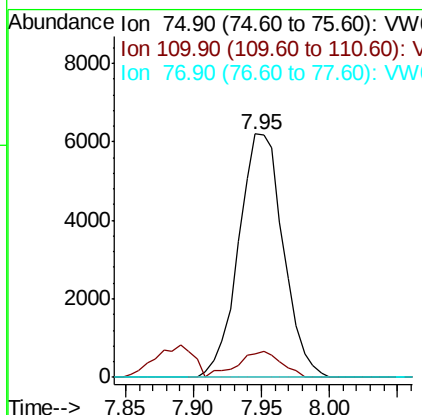
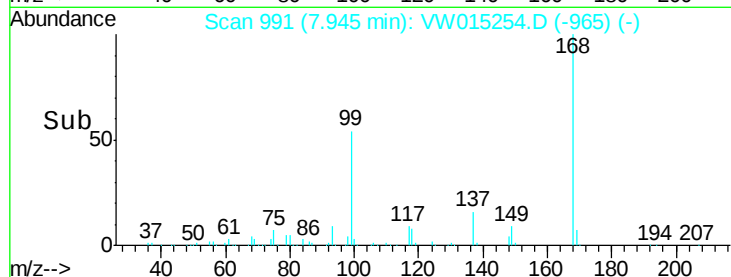
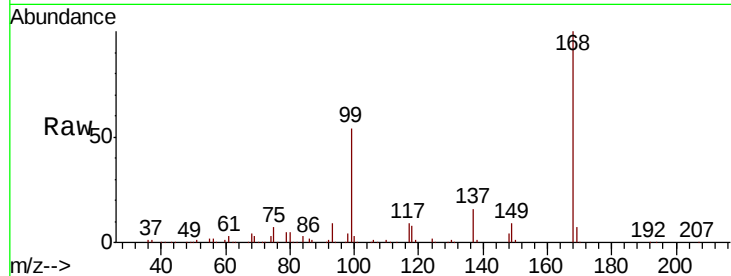




#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015254.D
 Acq: 21 Apr 2020 11:44

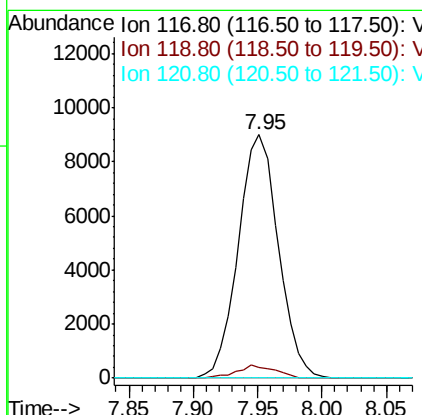
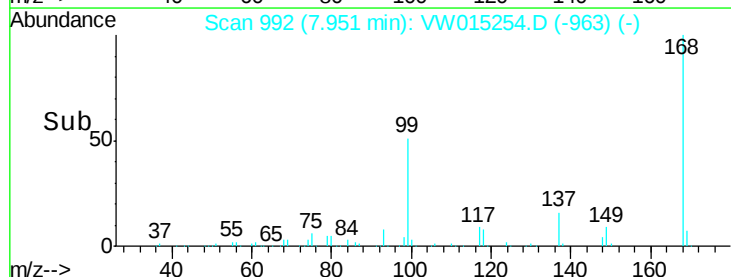
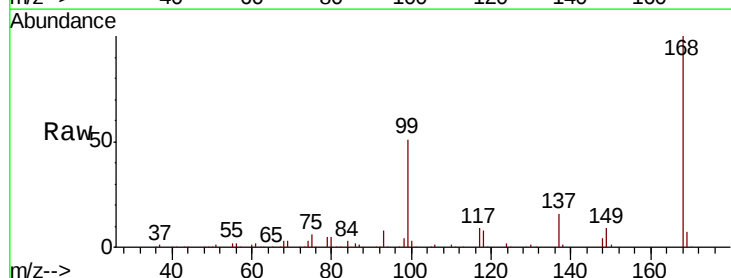
Instrument :
 MSVOA_W
 ClientSampleId :

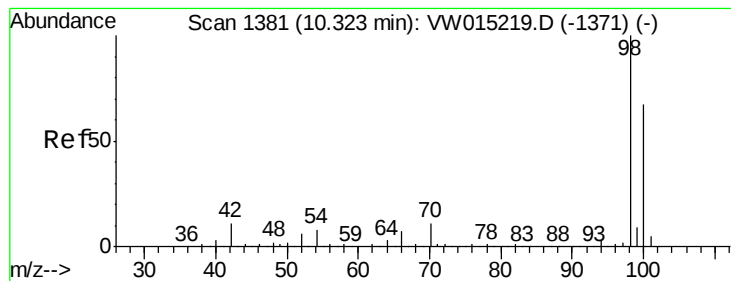
Tot Ion: 75 Resp: 14186
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.2 54.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015254.D
 Acq: 21 Apr 2020 11:44

Tgt Ion: 117 Resp: 19433
 Ion Ratio Lower Upper
 117 100
 119 4.3 72.3 108.5#
 121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 51.809 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

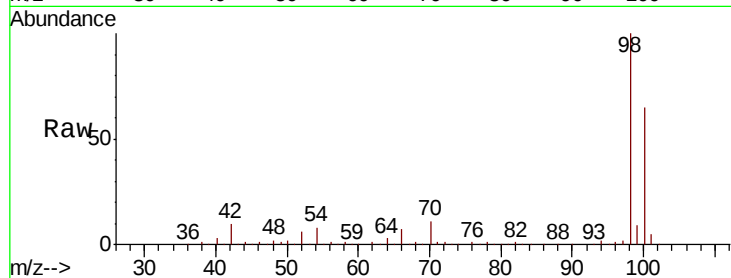
ClientSampleId :

Tot Ion: 98 Resp: 373002

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

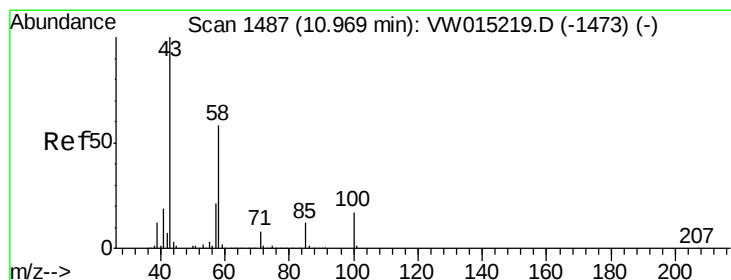
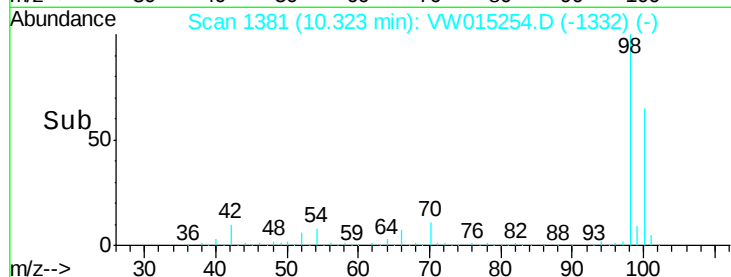
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 32.040 ug/l

RT: 10.82 min Scan# 1463

Delta R.T. -0.15 min

Lab File: VW015254.D

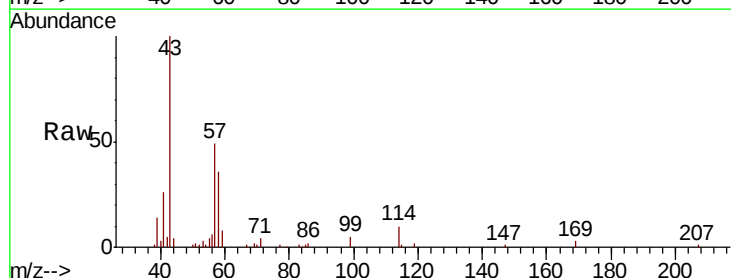
Acq: 21 Apr 2020 11:44

Tgt Ion: 43 Resp: 20380

Ion Ratio Lower Upper

43 100

58 38.2 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.82

12000

10000

8000

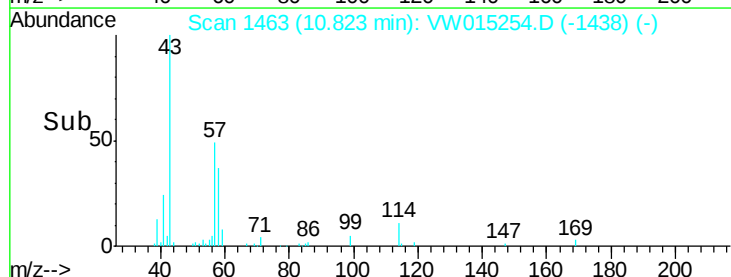
6000

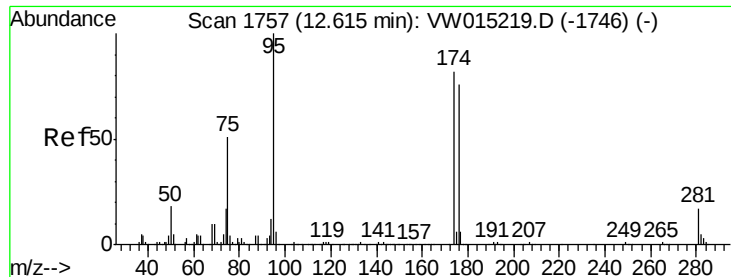
4000

2000

0

Time-->

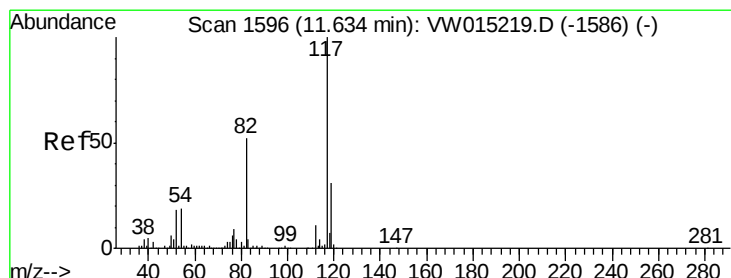
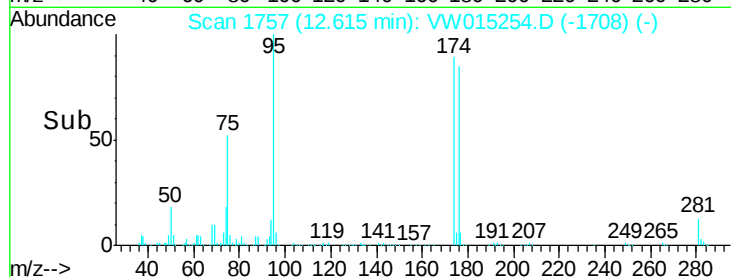
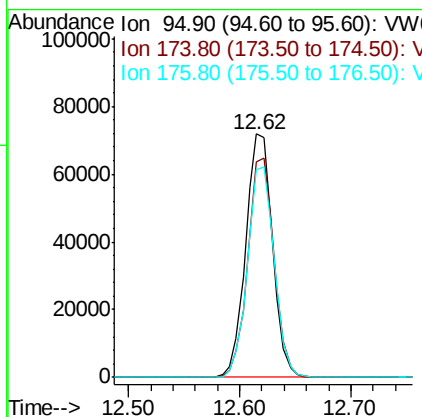
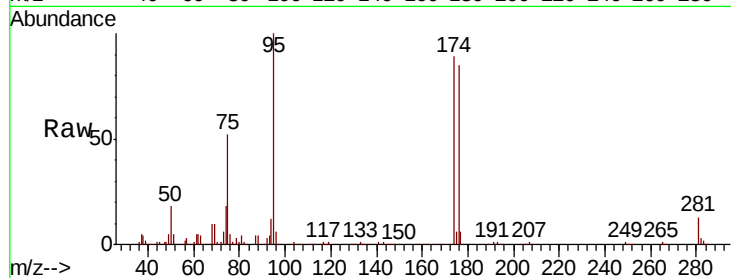




#62
4-Bromofluorobenzene
Concen: 43.693 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

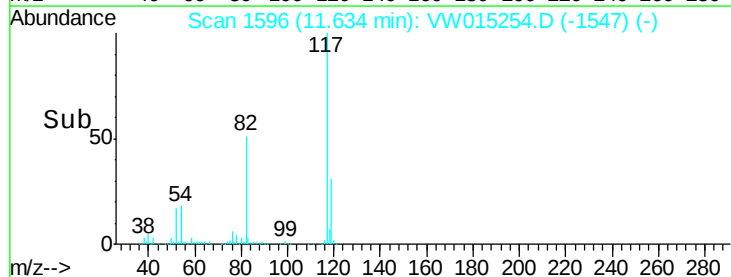
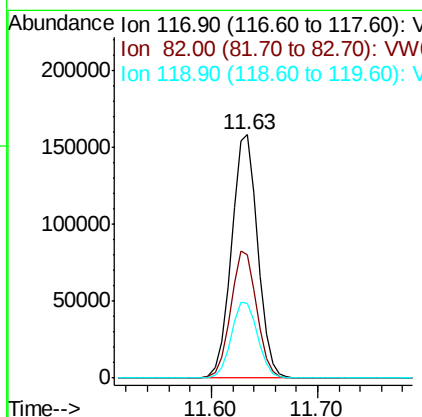
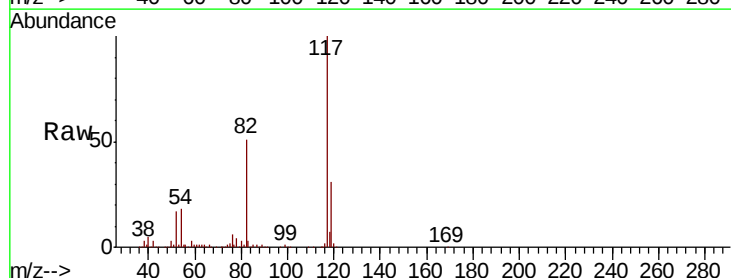
Instrument :
MSVOA_W
ClientSampleId :

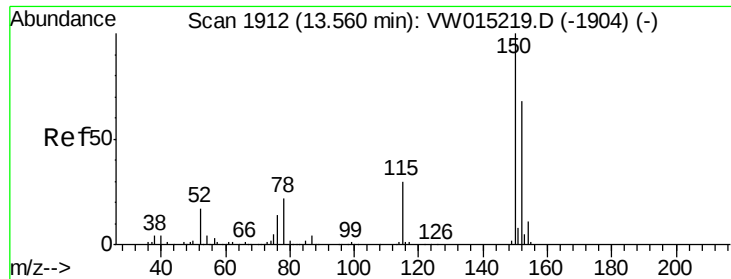
Tot Ion	95	Resp	120024
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	144.4
176	86.4	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Tgt Ion	117	Resp	272528
Ion Ratio	Lower	Upper	
117	100		
82	50.6	44.1	66.1
119	30.6	24.9	37.3



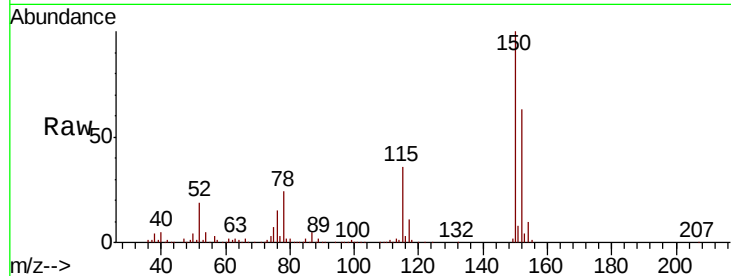


#72

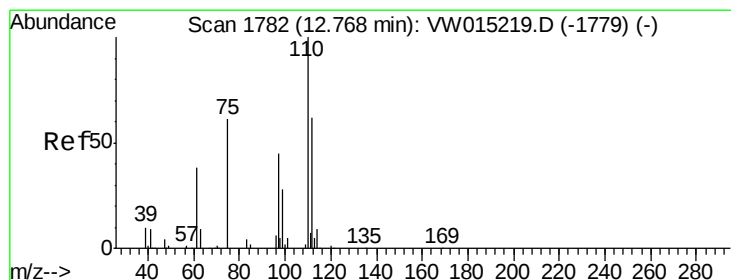
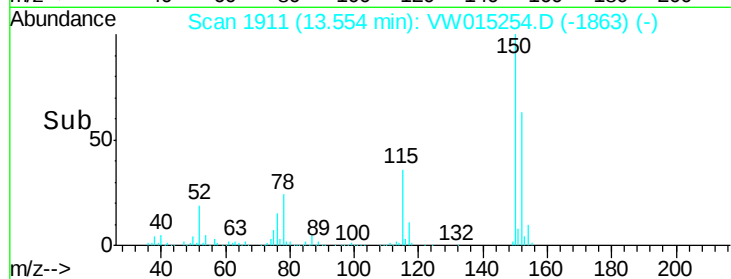
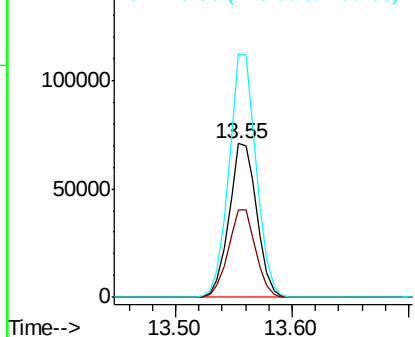
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 116742
Ion Ratio Lower Upper
152 100
115 56.5 31.3 93.9
150 156.1 0.0 343.4



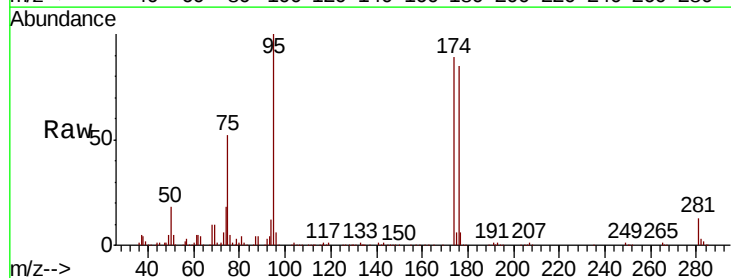
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



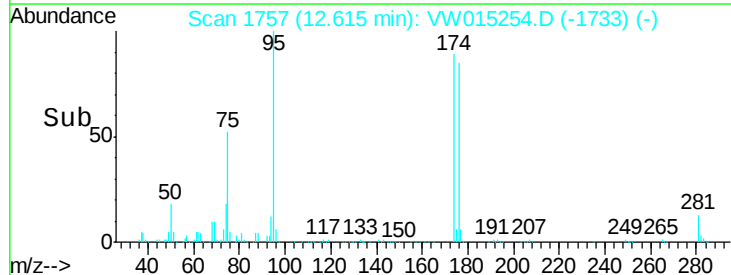
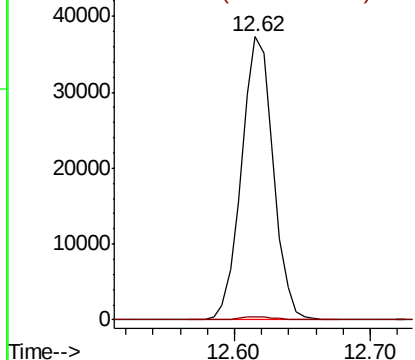
#76

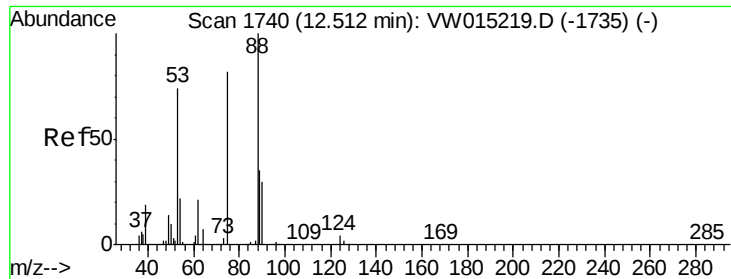
1,2,3-Trichloropropane
Concen: 67.272 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 75 Resp: 60755
Ion Ratio Lower Upper
75 100
77 1.1 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: 147.057 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

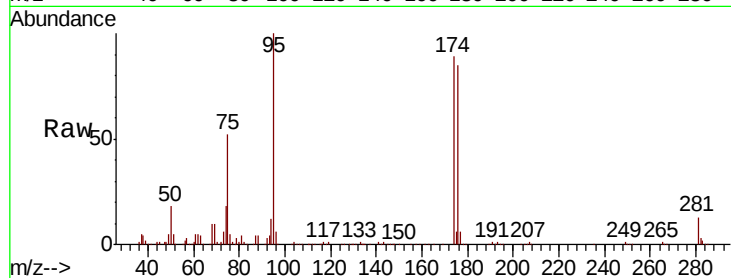
Tot Ion: 75 Resp: 60755

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.1 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

