

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009073.D
 Acq On : 08 Mar 2019 23:31
 Operator : SY/VA
 Sample : K1785-06
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SD

Quant Time: Mar 09 01:22:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	273810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	166502	60.44	ug/l	0.00
Spiked Amount			Recovery	=	120.88%	
35) Dibromofluoromethane	7.88	113	140995	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
50) Toluene-d8	10.32	98	535936	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	180716	42.16	ug/l	0.00
Spiked Amount			Recovery	=	84.32%	

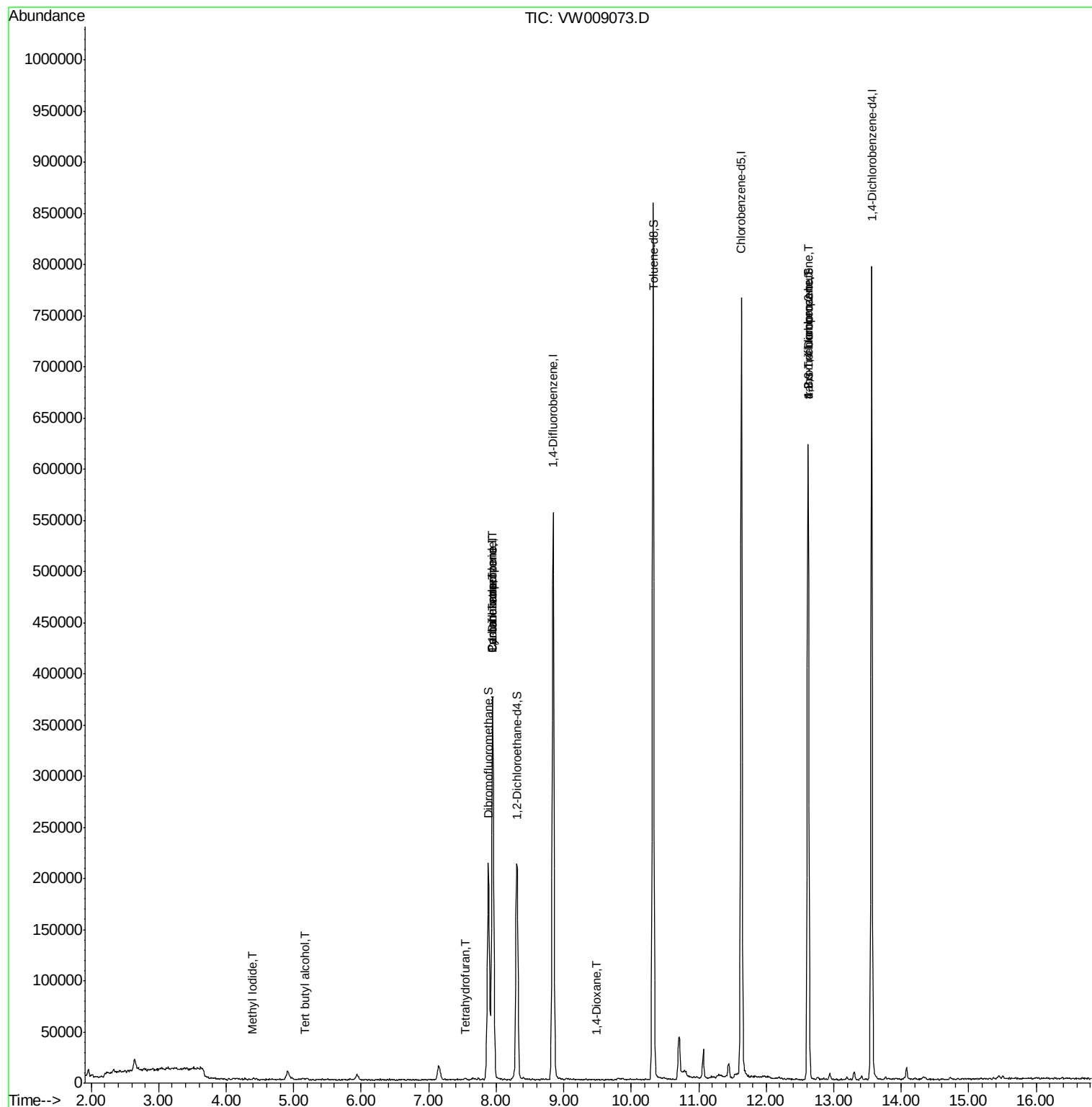
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.39	142	55	3.204	ug/l #	40
11) Tert butyl alcohol	5.17	59	732	3.468	ug/l #	81
20) Methylene Chloride	4.90	84	6229	Below Cal	#	81
29) Tetrahydrofuran	7.53	42	1330	2.457	ug/l #	66
31) Cyclohexane	7.95	56	6803	1.324	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	22107	4.802	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26987	5.676	ug/l #	20
49) 1,4-Dioxane	9.49	88	29	1.205	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	96320	64.648	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	96320	144.601	ug/l #	5

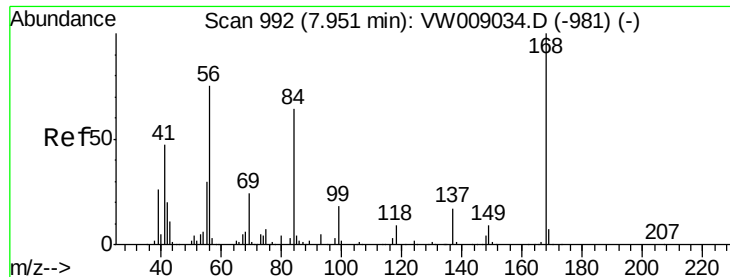
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
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Quant Time: Mar 09 01:22:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

Instrument :

MSVOA_W

ClientSampleId :

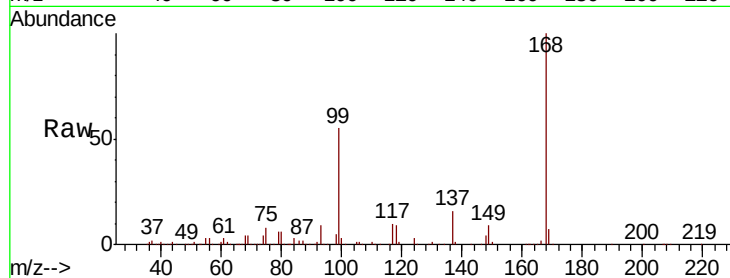
2019-03-05-DUP2-SD

Tot Ion:168 Resp: 273810

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

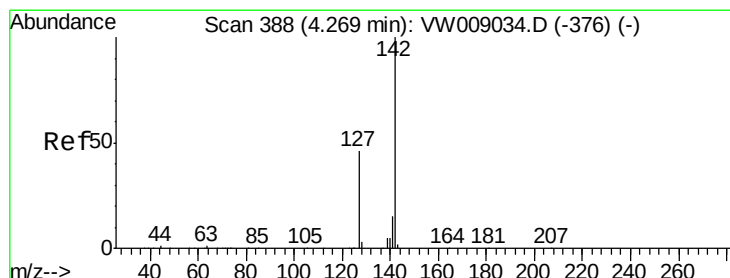
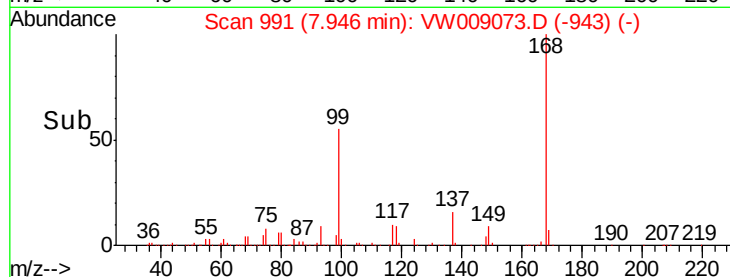
7.95

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.204 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.12 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

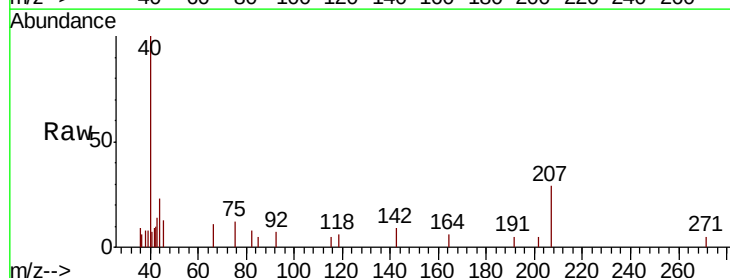
Tgt Ion:142 Resp: 55

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.39

120

100

80

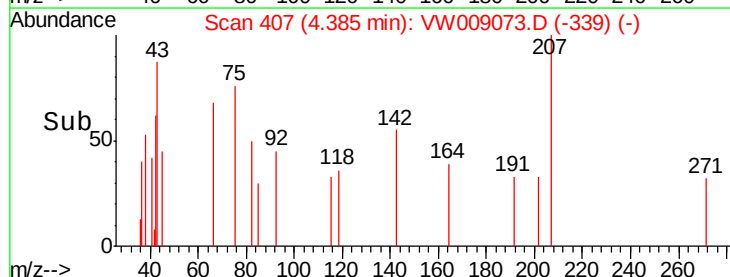
60

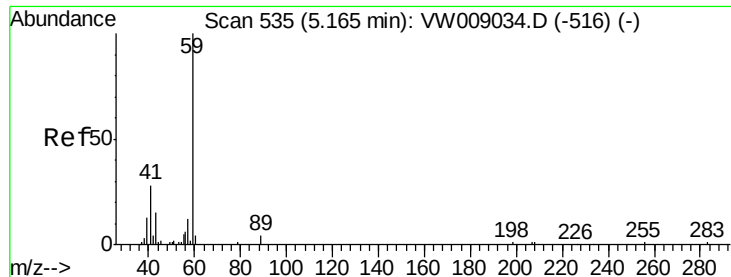
40

20

0

Time-->

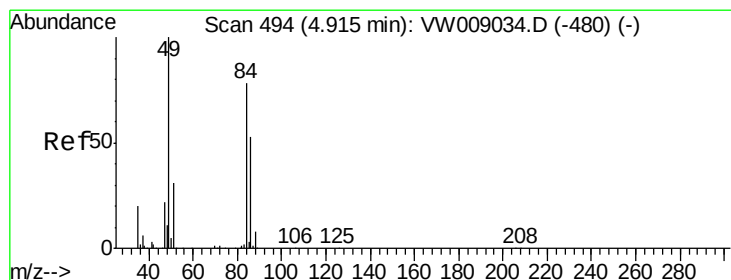
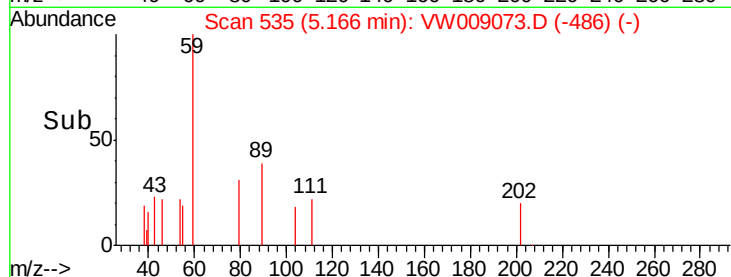
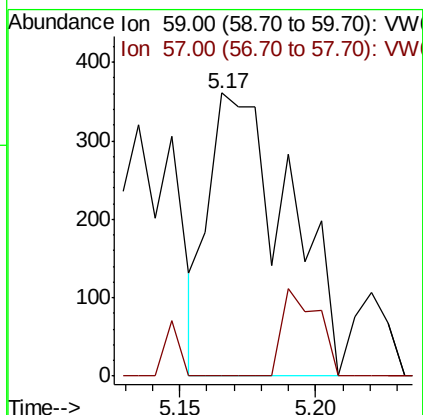
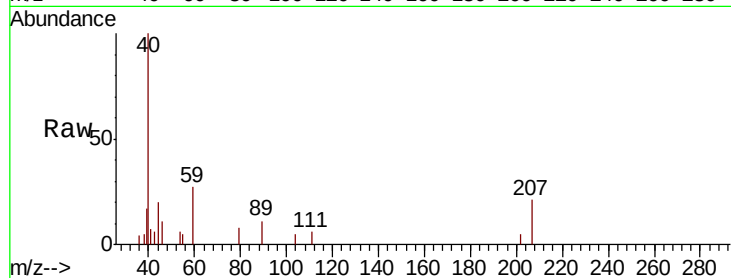




#11
Tert butyl alcohol
Concen: 3.468 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

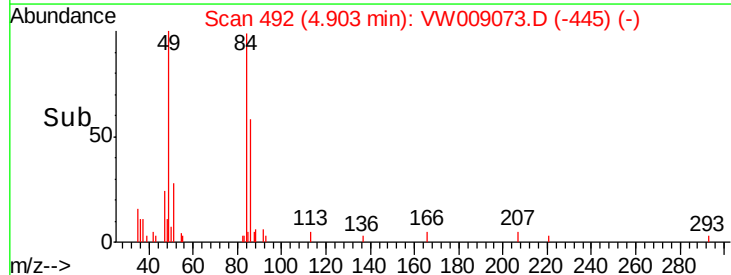
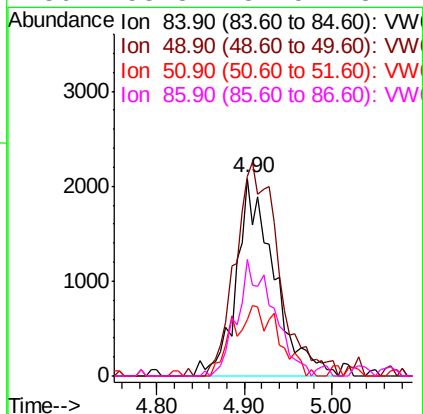
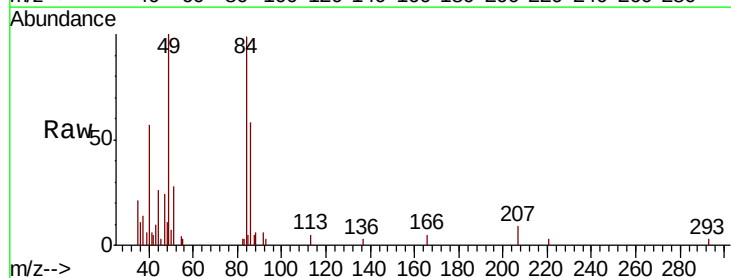
Instrument :
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2019-03-05-DUP2-SD

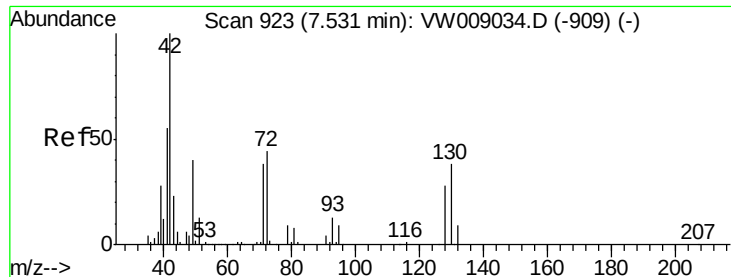
Tot Ion: 59 Resp: 732
Ion Ratio Lower Upper
59 100
57 3.6 8.6 12.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

Tgt Ion: 84 Resp: 6229
Ion Ratio Lower Upper
84 100
49 100.9 102.4 153.6#
51 28.5 31.6 47.4#
86 58.8 54.5 81.7

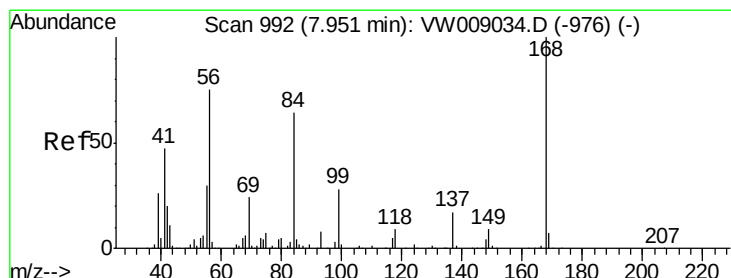
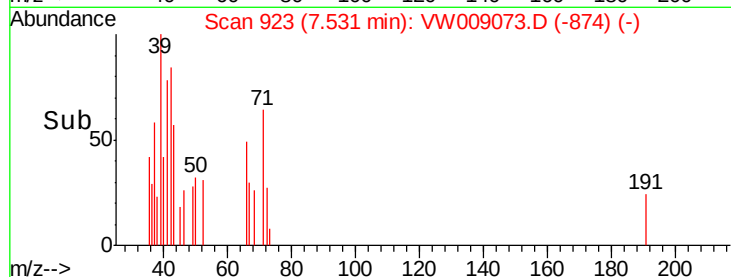
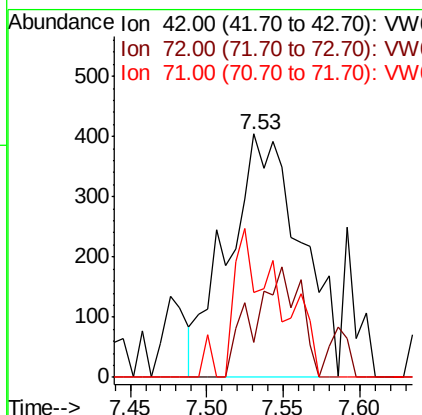
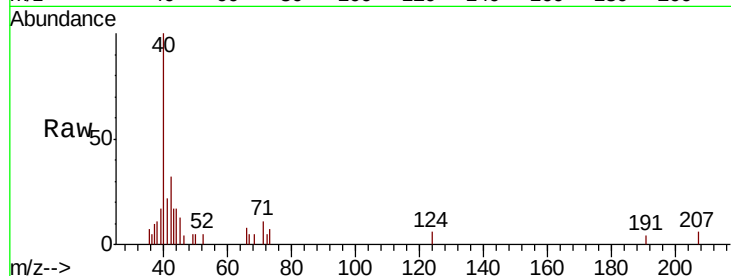




#29
Tetrahydrofuran
Concen: 2.457 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

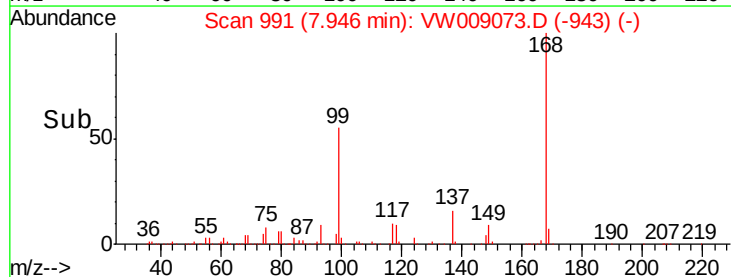
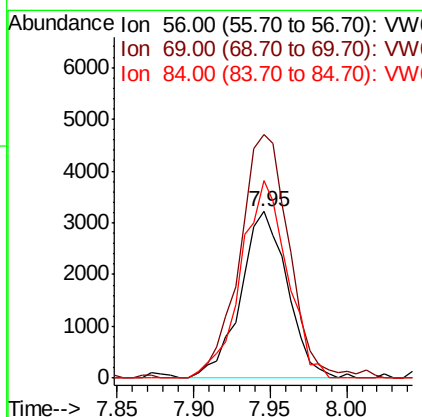
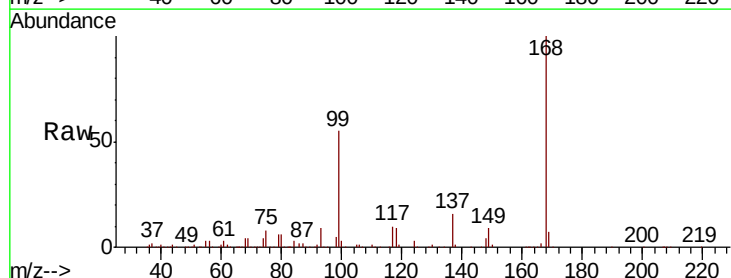
Instrument :
MSVOA_W
ClientSampleId :
2019-03-05-DUP2-SD

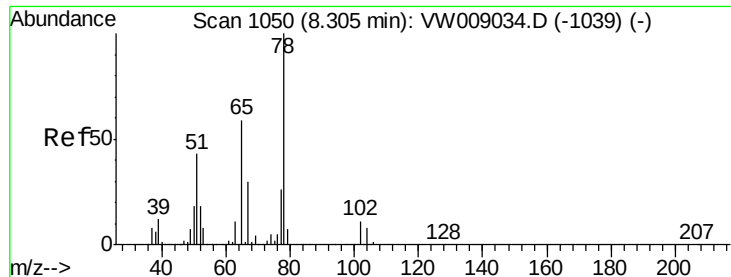
Tot Ion: 42 Resp: 1330
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 39.0 30.7 46.1



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

Tgt Ion: 56 Resp: 6803
Ion Ratio Lower Upper
56 100
69 146.4 25.5 38.3#
84 119.1 68.6 103.0#

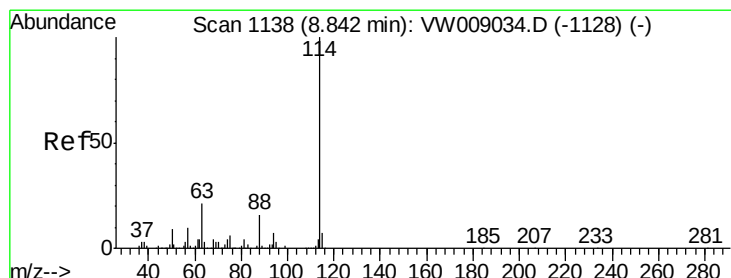
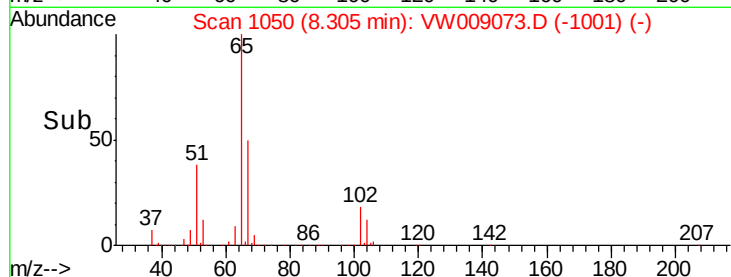
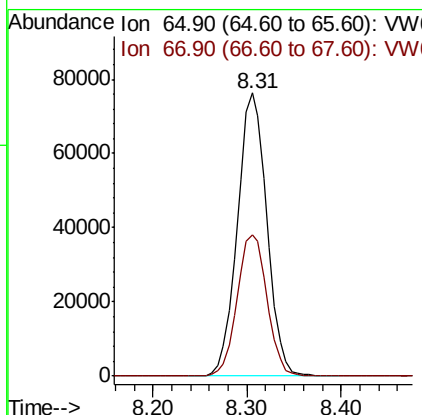
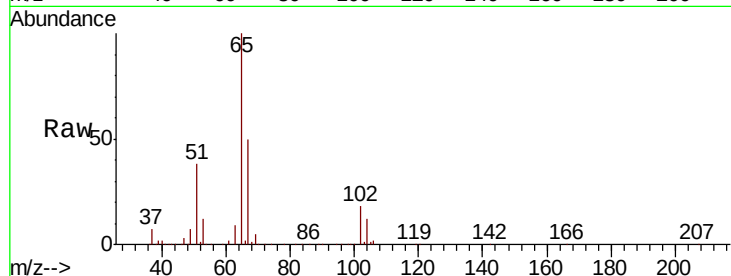




#33
 1,2-Dichloroethane-d4
 Concen: 60.441 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009073.D
 Acq: 08 Mar 2019 23:31

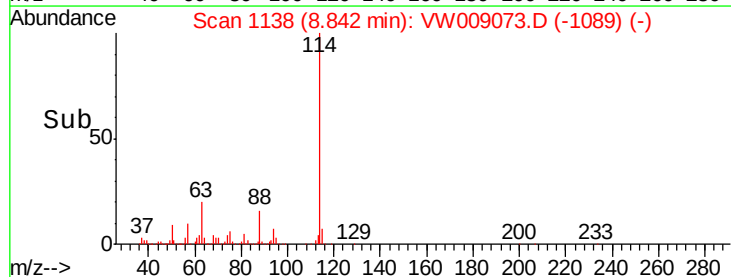
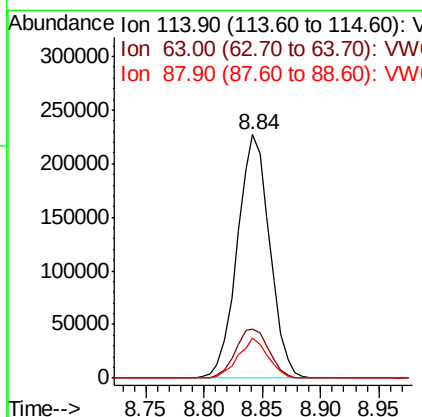
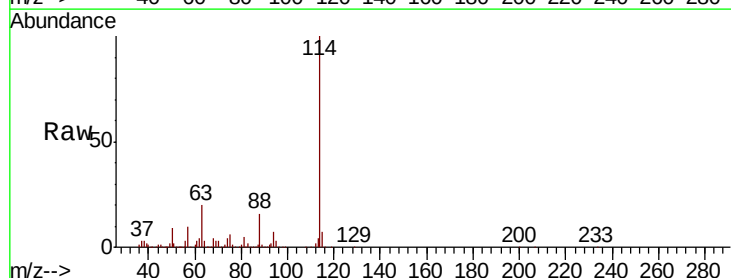
Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SD

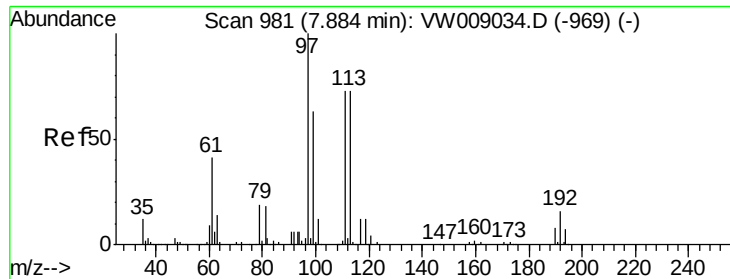
Tot Ion: 65 Resp: 166502
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009073.D
 Acq: 08 Mar 2019 23:31

Tgt Ion: 114 Resp: 440282
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.188 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

Instrument :

MSVOA_W

ClientSampleId :

2019-03-05-DUP2-SD

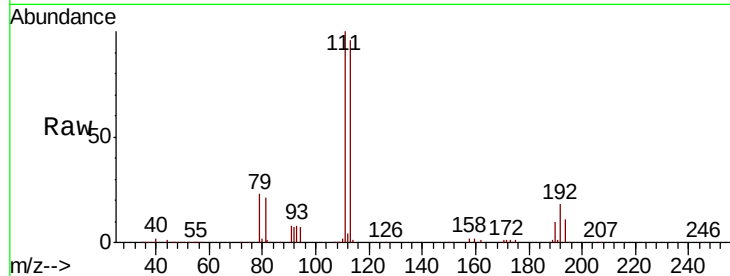
Tot Ion:113 Resp: 140995

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.4

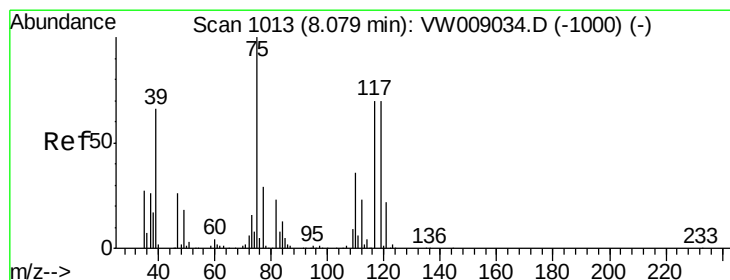
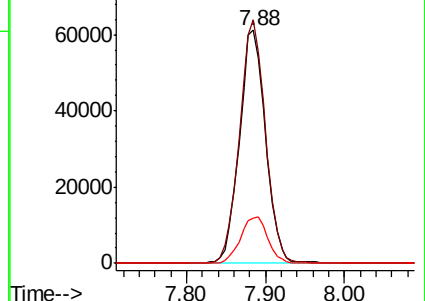
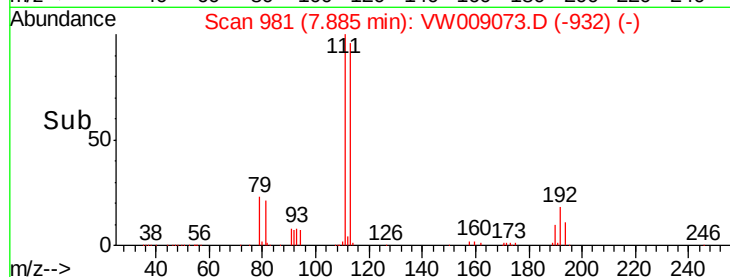
192 21.0 17.1 25.7



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: 4.802 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

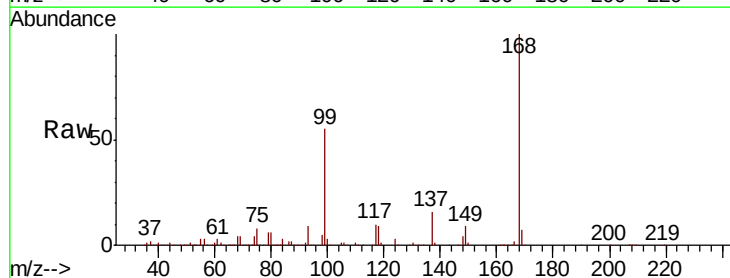
Tgt Ion: 75 Resp: 22107

Ion Ratio Lower Upper

75 100

110 9.1 17.6 52.9#

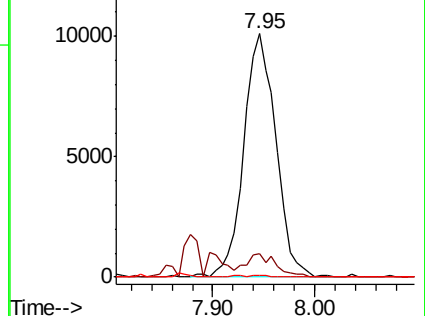
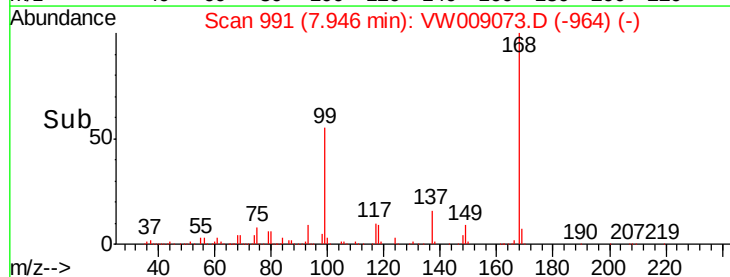
77 0.3 25.1 37.7#

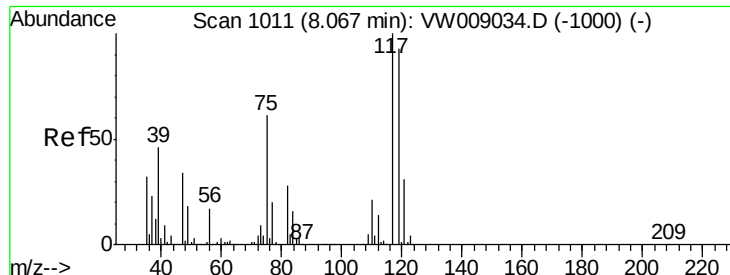


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.676 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

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ClientSampleId :

2019-03-05-DUP2-SD

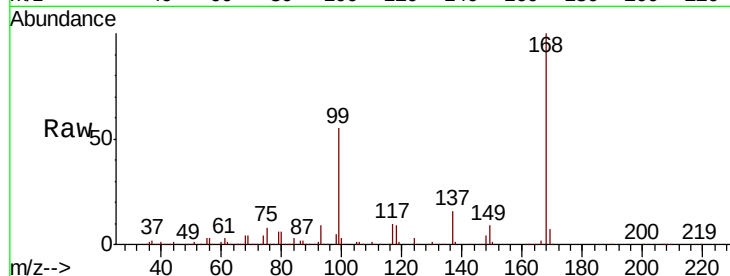
Tot Ion:117 Resp: 26987

Ion Ratio Lower Upper

117 100

119 8.5 74.6 112.0#

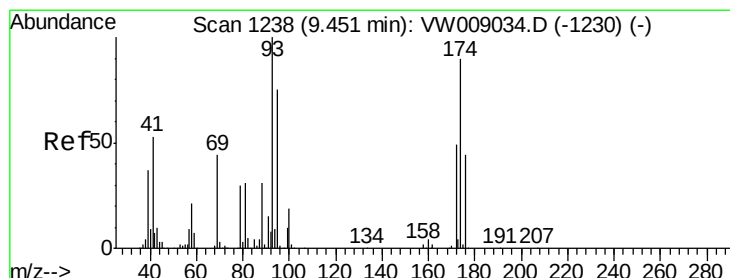
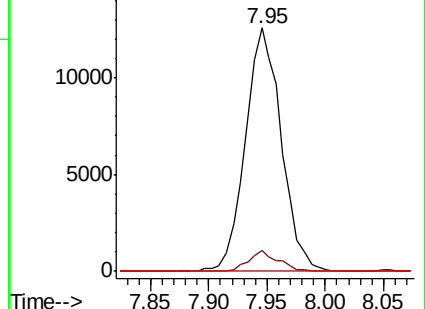
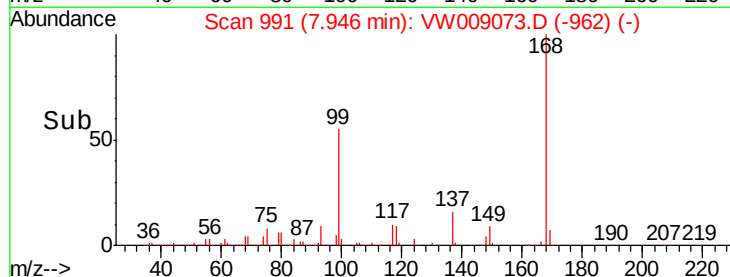
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 1.205 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.04 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

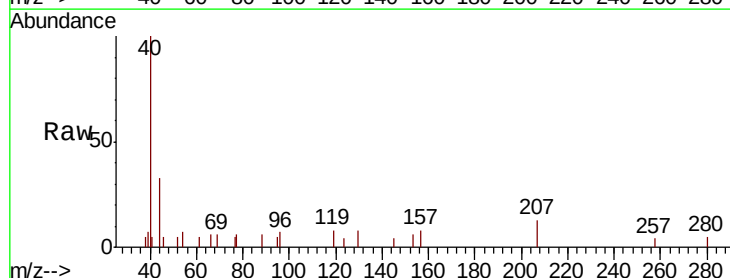
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

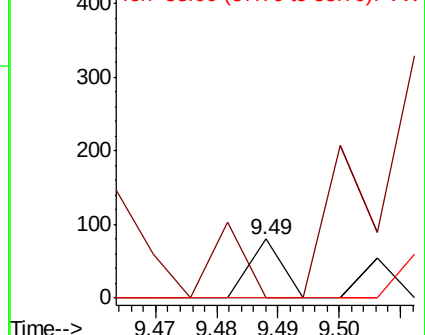
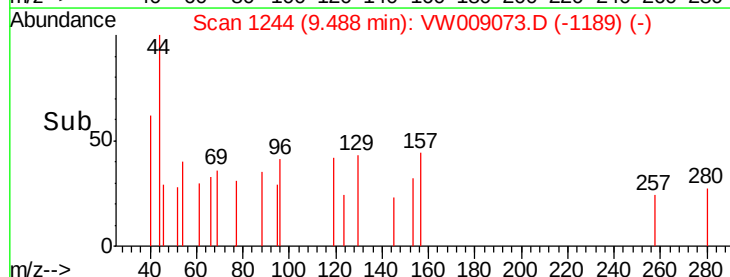
58 0.0 59.2 88.8#

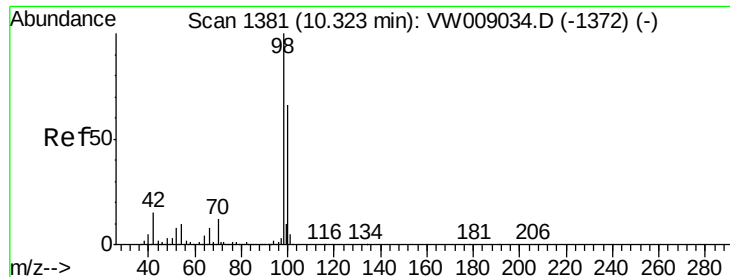


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.224 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

Instrument :

MSVOA_W

ClientSampleId :

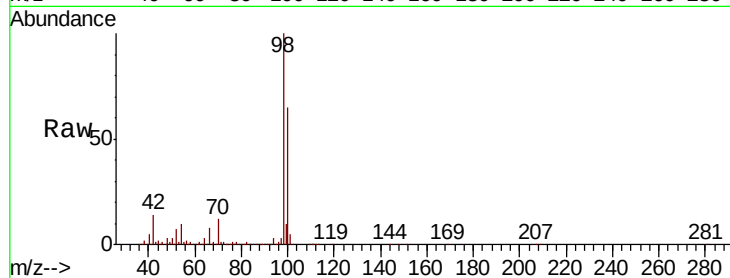
2019-03-05-DUP2-SD

Tot Ion: 98 Resp: 535936

Ion Ratio Lower Upper

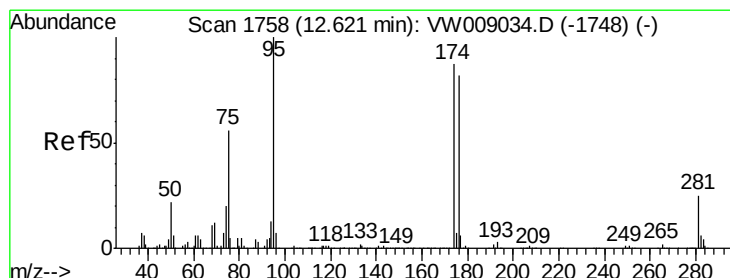
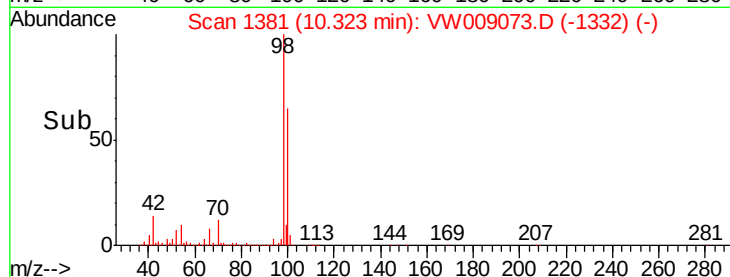
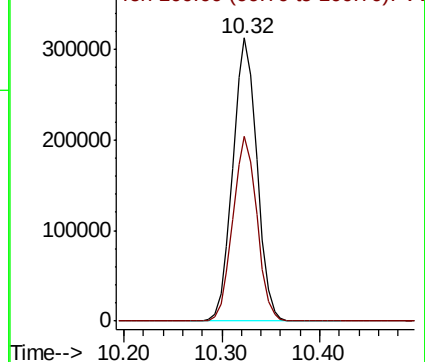
98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.164 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009073.D

Acq: 08 Mar 2019 23:31

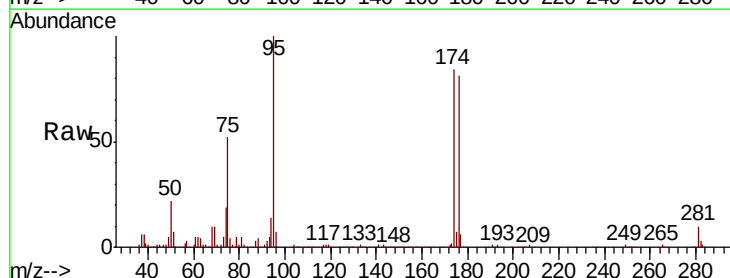
Tgt Ion: 95 Resp: 180716

Ion Ratio Lower Upper

95 100

174 85.5 0.0 167.0

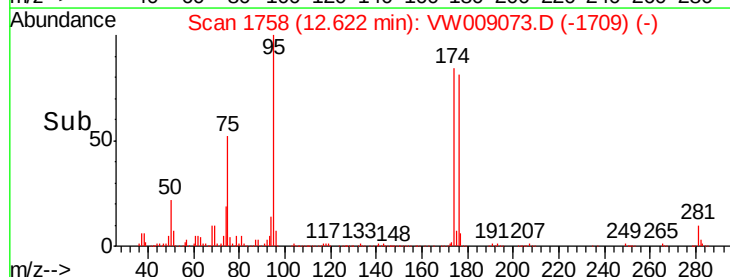
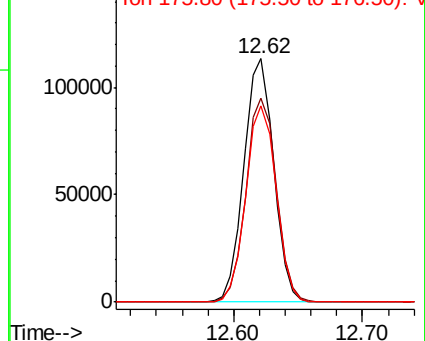
176 82.1 0.0 159.4

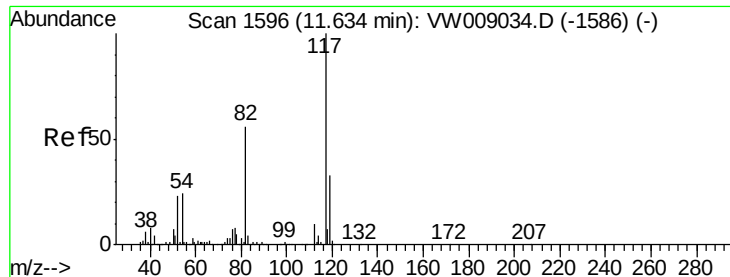


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

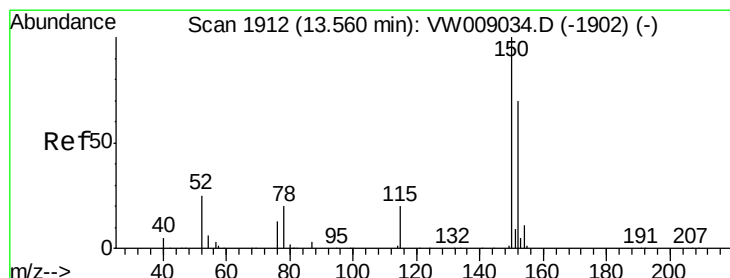
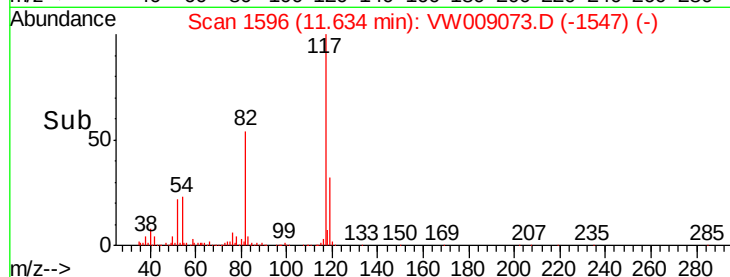
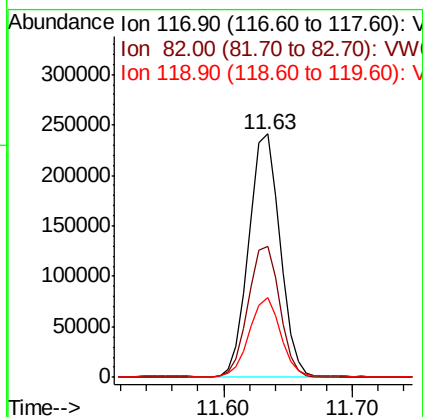
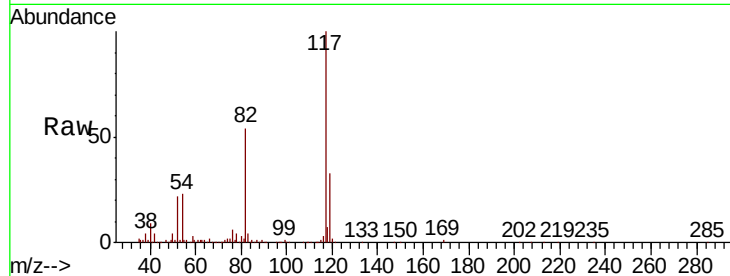




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

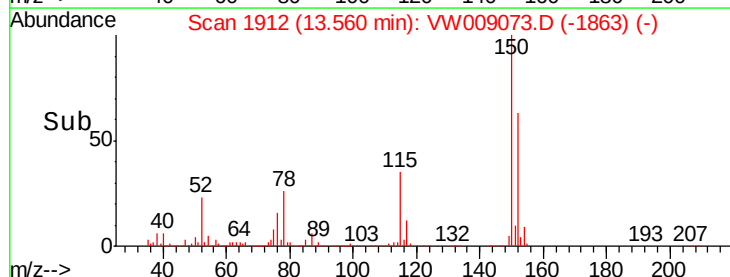
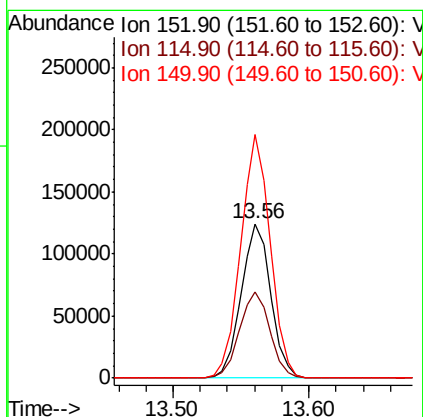
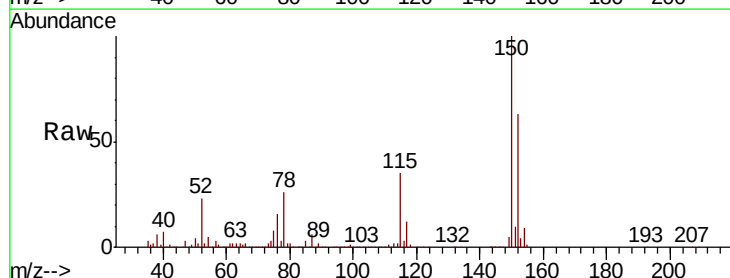
Instrument :
MSVOA_W
ClientSampleId :
2019-03-05-DUP2-SD

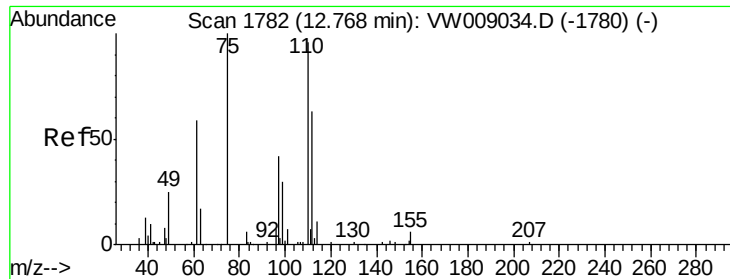
Tot Ion:117 Resp: 404001
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009073.D
Acq: 08 Mar 2019 23:31

Tgt Ion:152 Resp: 188577
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 157.3 0.0 349.2

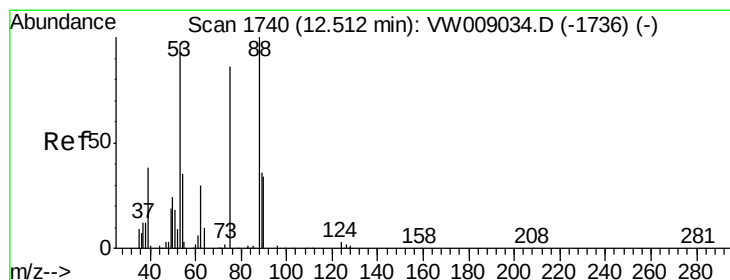
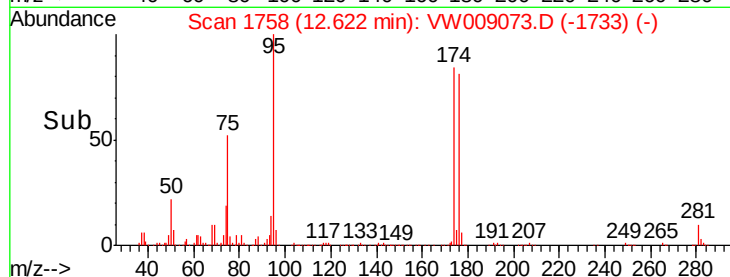
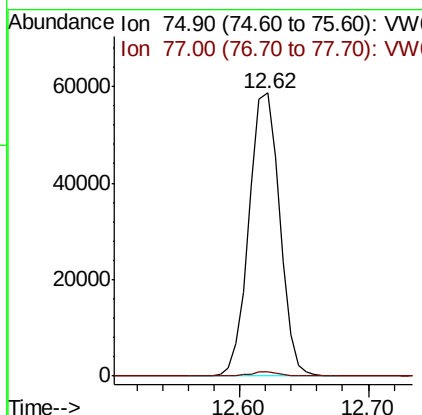
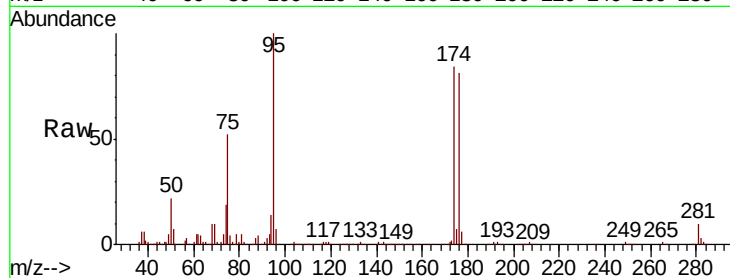




#76
 1,2,3-Trichloropropane
 Concen: 64.648 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW009073.D
 Acq: 08 Mar 2019 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SD

Tot Ion: 75 Resp: 96320
 Ion Ratio Lower Upper
 75 100
 77 1.5 186.7 560.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.601 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW009073.D
 Acq: 08 Mar 2019 23:31

Tgt Ion: 75 Resp: 96320
 Ion Ratio Lower Upper
 75 100
 53 0.3 90.5 135.7#
 89 0.0 37.5 56.3#

