

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008850.D
 Acq On : 27 Feb 2019 13:15
 Operator : SY/VA
 Sample : K1627-01
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 07:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	374735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	575481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	472440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	198293	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
35) Dibromofluoromethane	7.88	113	165851	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.32	98	665144	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	194717	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	

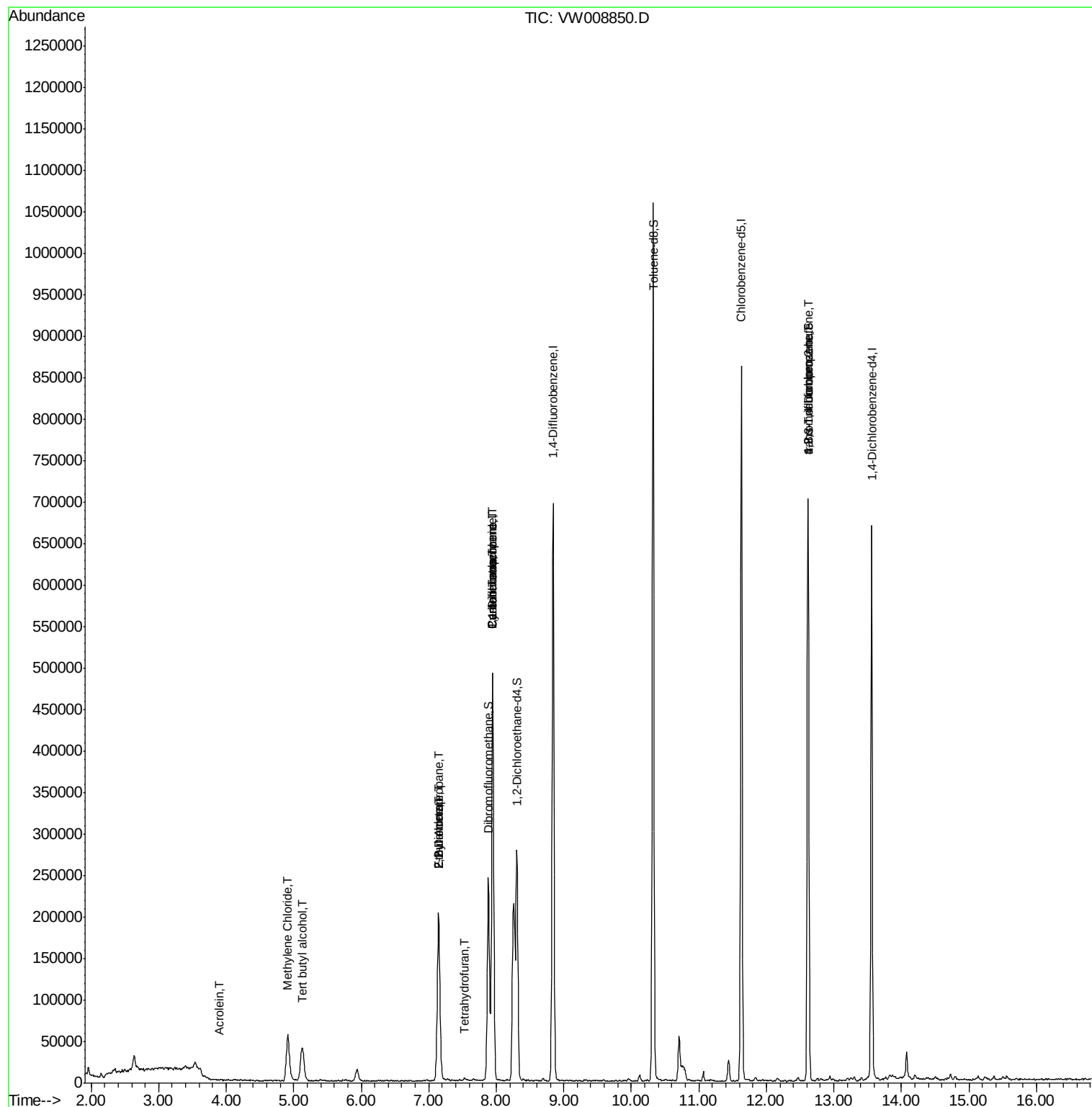
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	38424	122.800	ug/l #	71
13) Acrolein	3.89	56	268	20.528	ug/l #	1
20) Methylene Chloride	4.92	84	41162	5.733	ug/l	92
25) 2-Butanone	7.14	43	10842	9.519	ug/l #	65
26) 2,2-Dichloropropane	7.14	77	13159	2.214	ug/l #	54
29) Tetrahydrofuran	7.52	42	2652	3.654	ug/l #	65
31) Cyclohexane	7.95	56	8879	1.340	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	27190	4.854	ug/l #	52
37) Ethyl Acetate	7.14	43	10943	4.201	ug/l #	1
38) Carbon Tetrachloride	7.95	117	35480	6.006	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	104277	73.328	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	104277	178.265	ug/l #	6

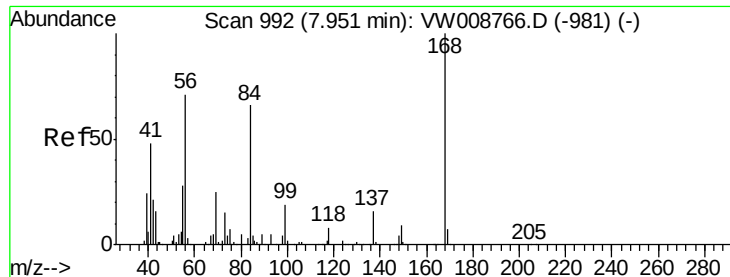
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 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: VW008850.D

Acq: 27 Feb 2019 13:15

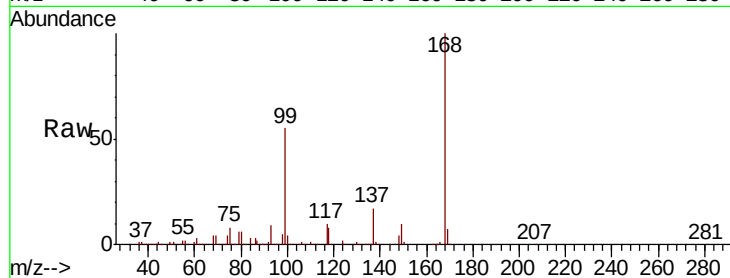
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 374735

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

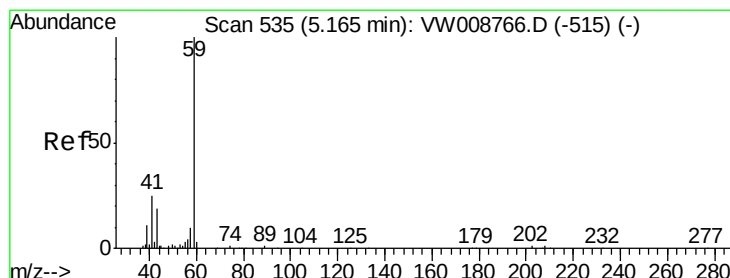
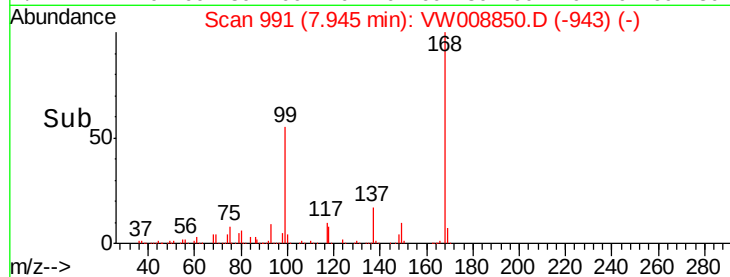
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 122.800 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW008850.D

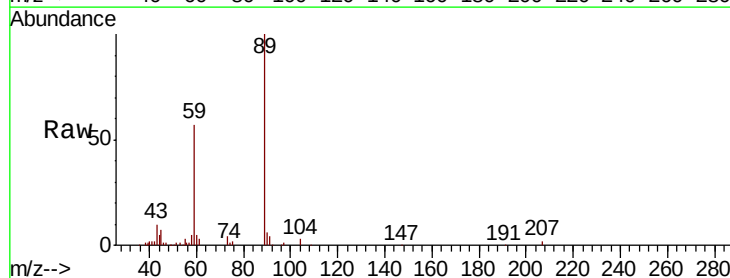
Acq: 27 Feb 2019 13:15

Tgt Ion: 59 Resp: 38424

Ion Ratio Lower Upper

59 100

57 0.5 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

12000

10000

8000

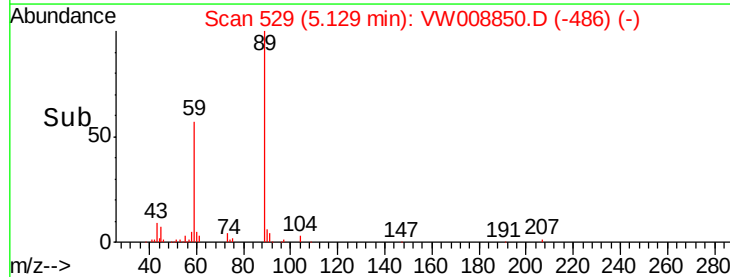
6000

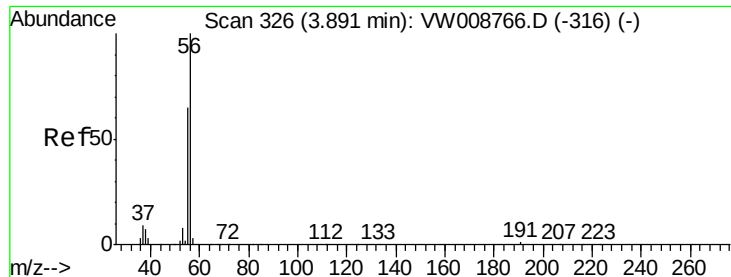
4000

2000

0

Time-->





#13

Acrolein

Concen: 20.528 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

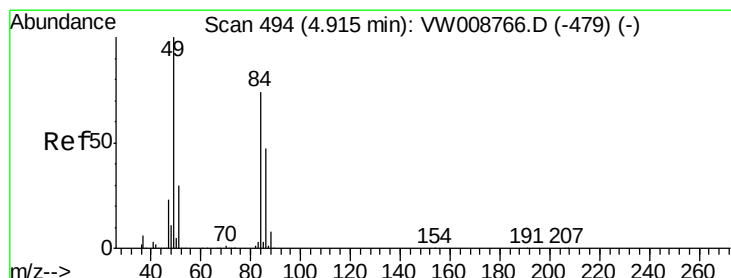
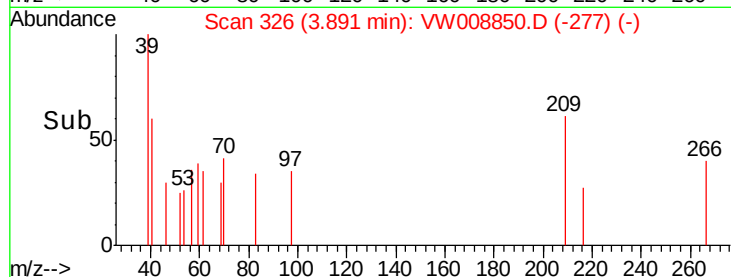
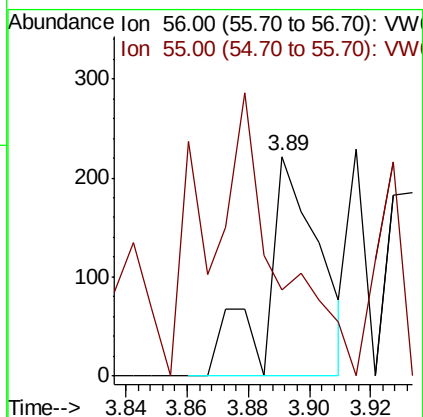
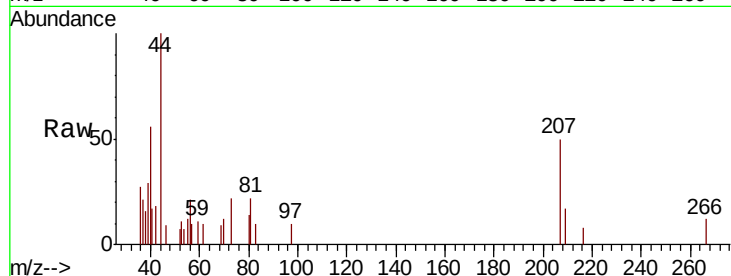
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 268

Ion Ratio Lower Upper

56 100

55 166.4 56.9 85.3#



#20

Methylene Chloride

Concen: 5.733 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Tgt Ion: 84 Resp: 41162

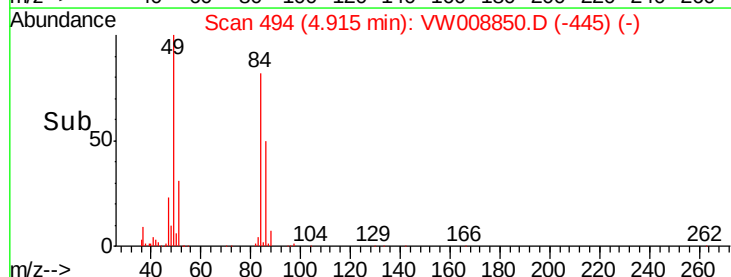
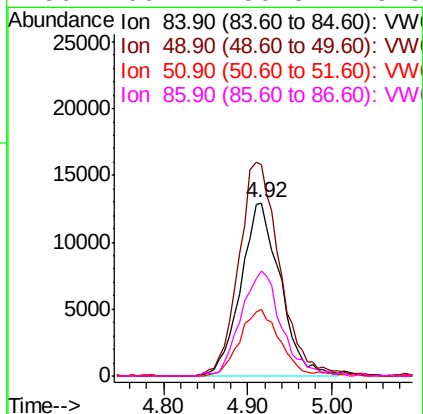
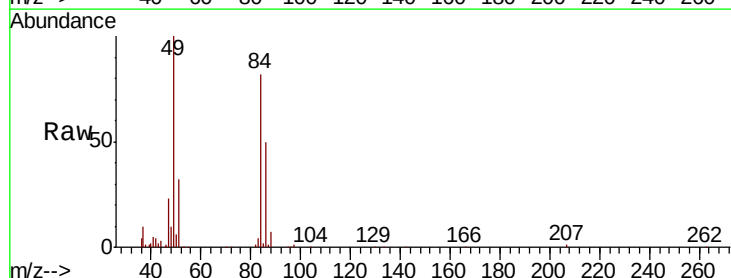
Ion Ratio Lower Upper

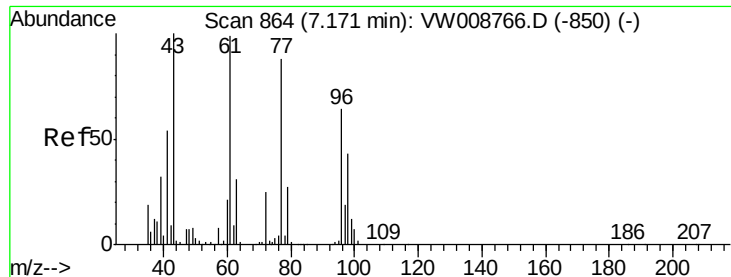
84 100

49 121.5 108.2 162.2

51 38.4 32.7 49.1

86 60.4 50.3 75.5





#25

2-Butanone

Concen: 9.519 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Instrument :

MSVOA_W

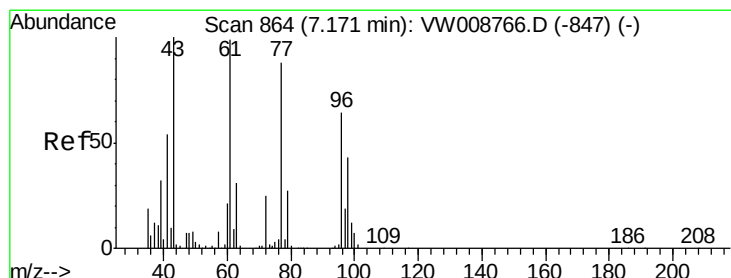
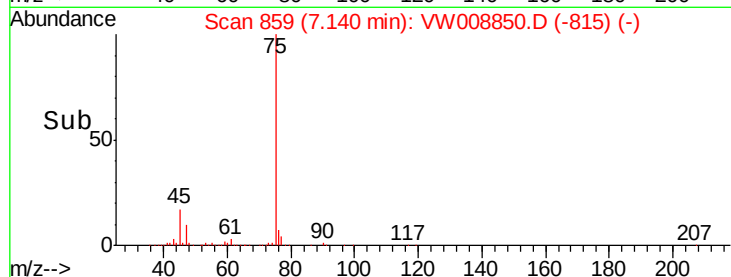
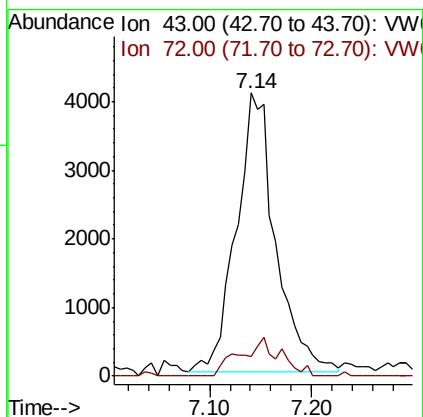
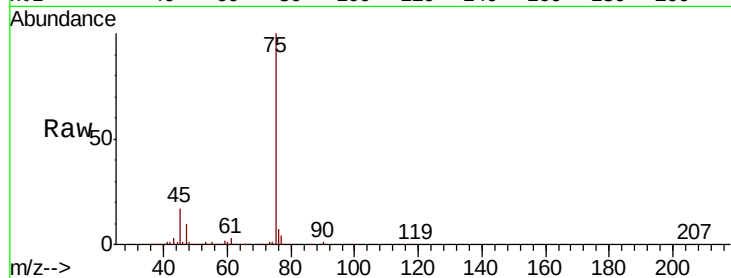
ClientSampleId :

Tot Ion: 43 Resp: 10842

Ion Ratio Lower Upper

43 100

72 7.2 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 2.214 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008850.D

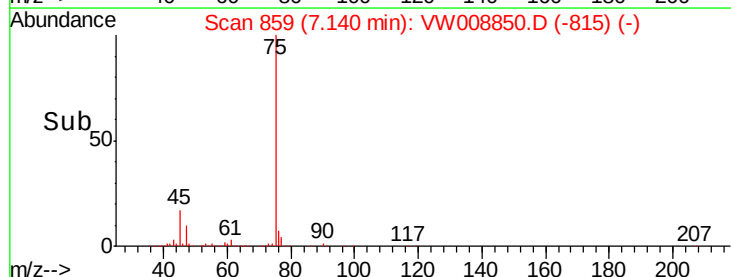
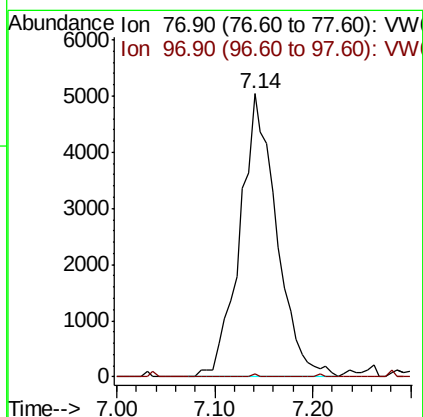
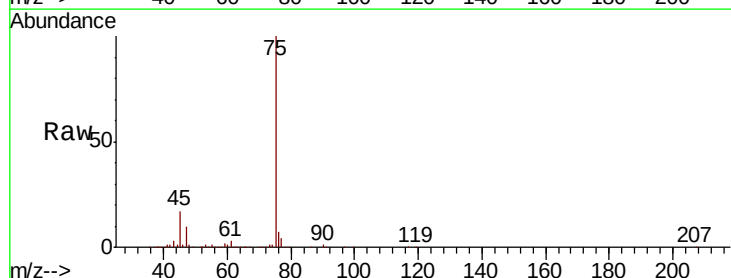
Acq: 27 Feb 2019 13:15

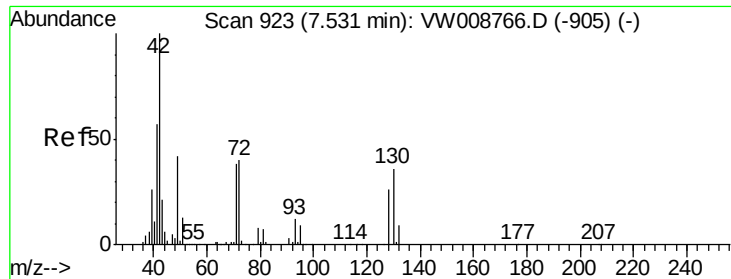
Tgt Ion: 77 Resp: 13159

Ion Ratio Lower Upper

77 100

97 0.1 11.0 33.0#

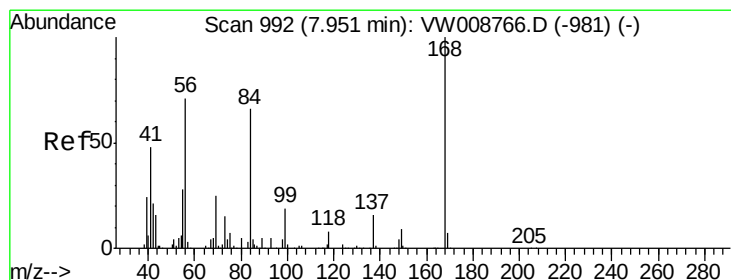
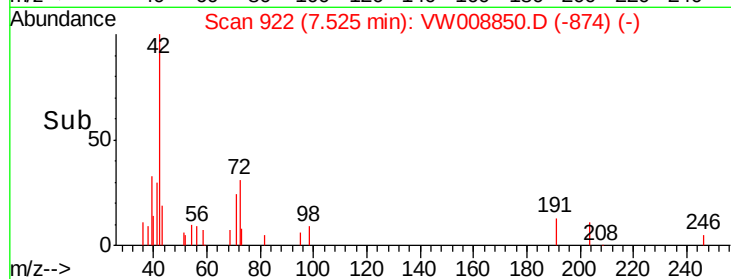
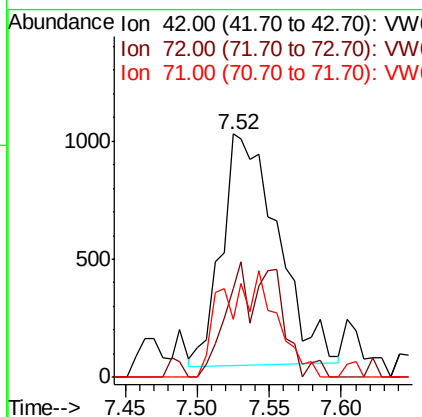
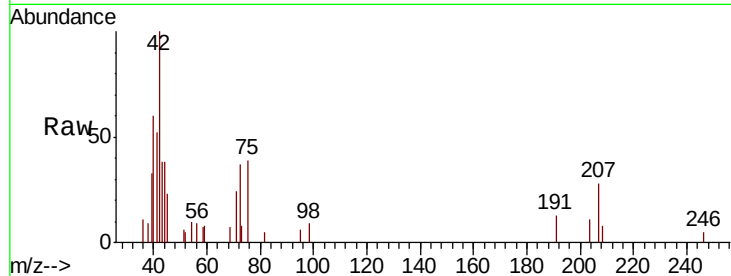




#29
Tetrahydrofuran
Concen: 3.654 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008850.D
Acq: 27 Feb 2019 13:15

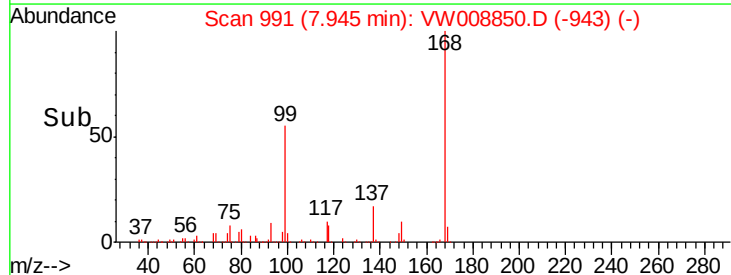
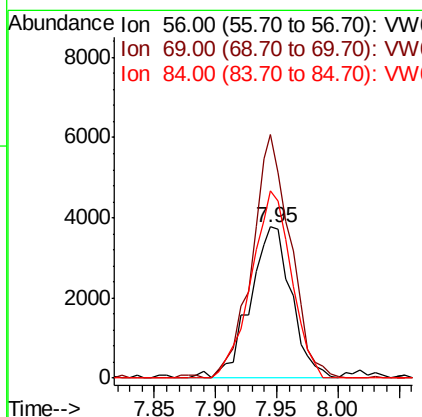
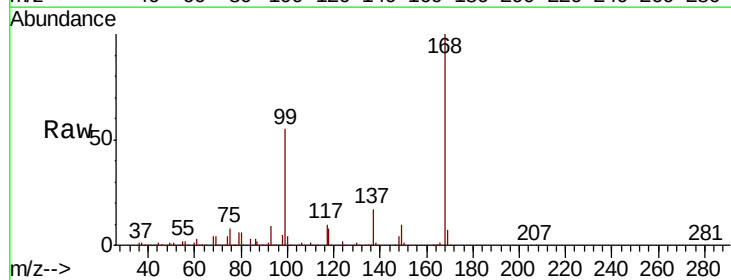
Instrument :
MSVOA_W
ClientSampled :

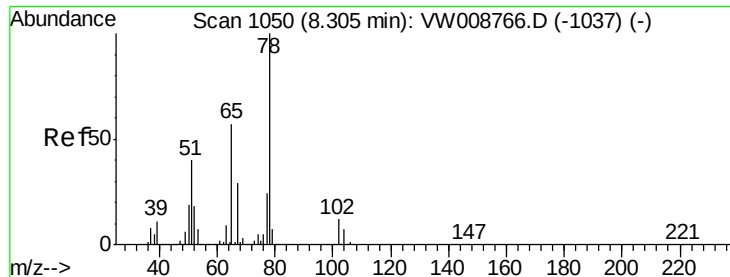
Tot Ion: 42 Resp: 2652
Ion Ratio Lower Upper
42 100
72 21.3 32.7 49.1#
71 14.9 31.3 46.9#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008850.D
Acq: 27 Feb 2019 13:15

Tgt Ion: 56 Resp: 8879
Ion Ratio Lower Upper
56 100
69 159.7 28.2 42.4#
84 123.6 74.1 111.1#

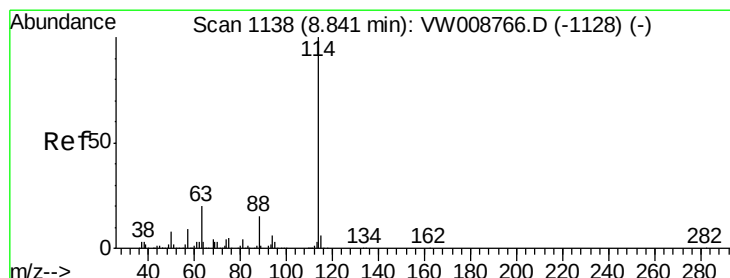
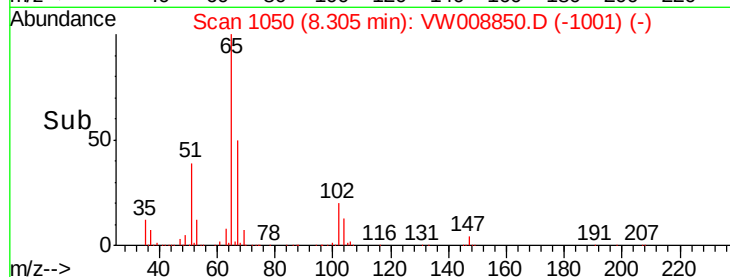
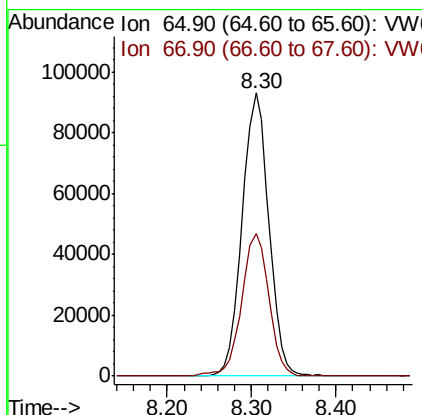
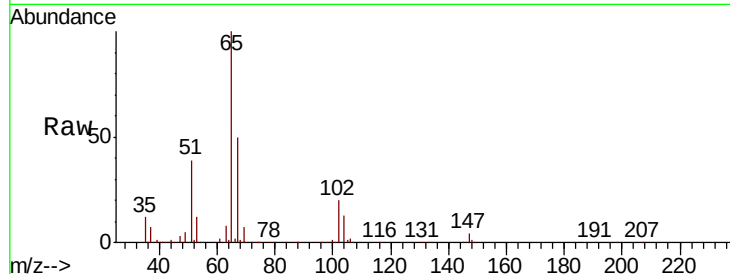




#33
 1,2-Dichloroethane-d4
 Concen: 56.419 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008850.D
 Acq: 27 Feb 2019 13:15

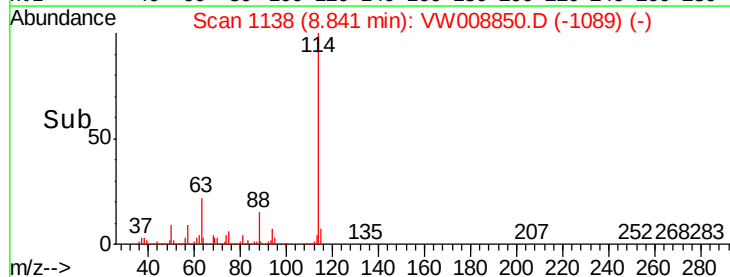
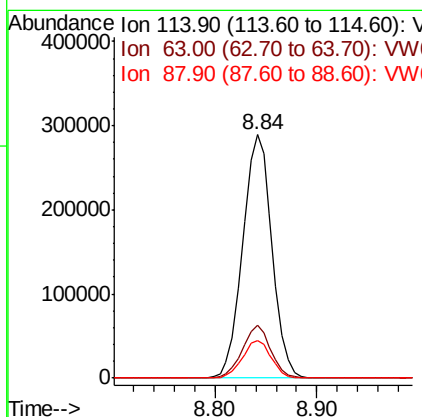
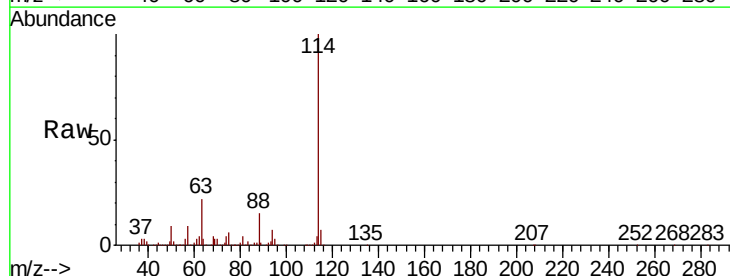
Instrument :
 MSVOA_W
 ClientSampled :

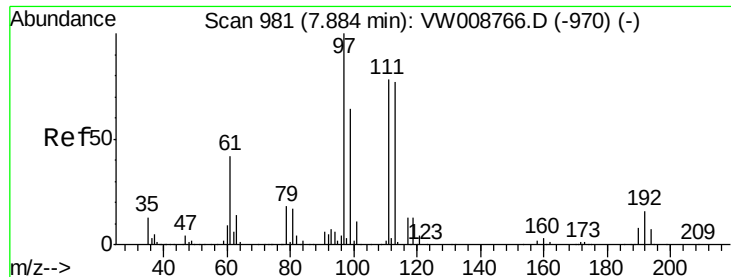
Tot Ion: 65 Resp: 198293
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008850.D
 Acq: 27 Feb 2019 13:15

Tgt Ion: 114 Resp: 575481
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.8
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.000 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

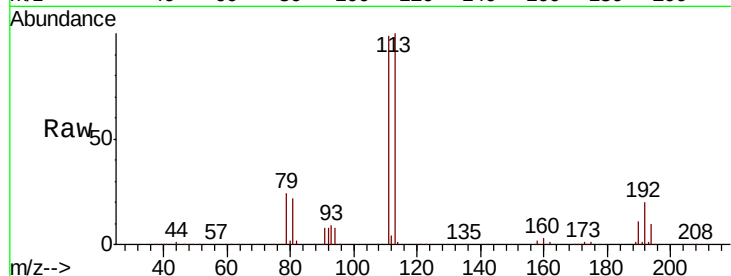
Tot Ion:113 Resp: 165851

Ion Ratio Lower Upper

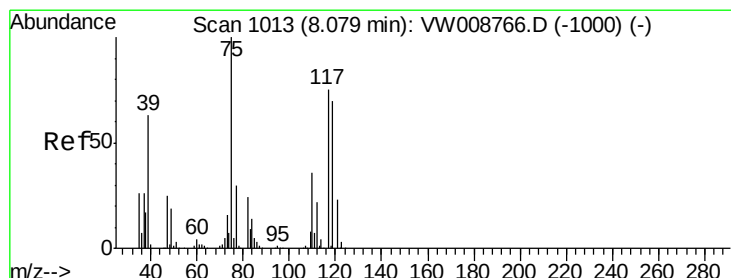
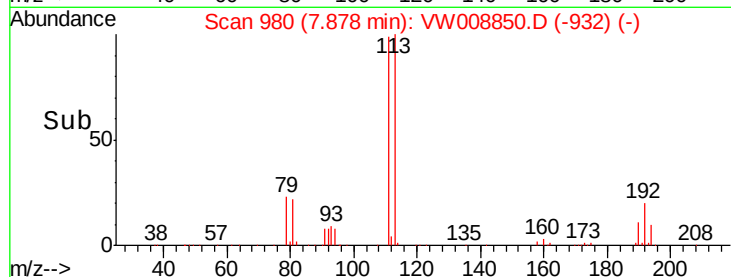
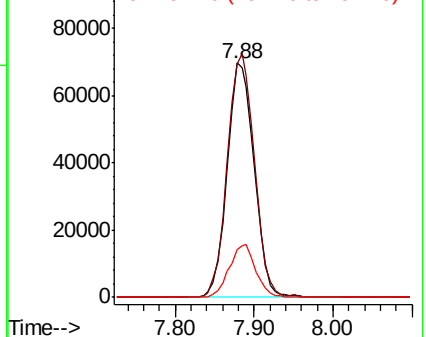
113 100

111 104.2 81.9 122.9

192 21.9 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: 4.854 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

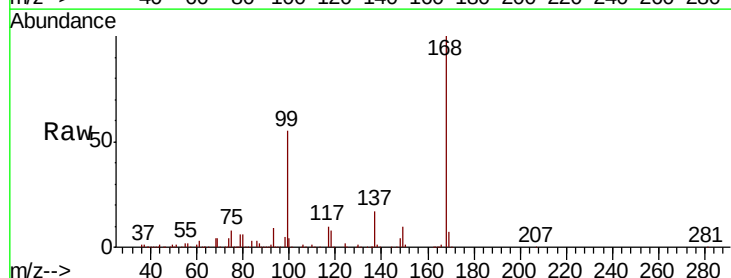
Tgt Ion: 75 Resp: 27190

Ion Ratio Lower Upper

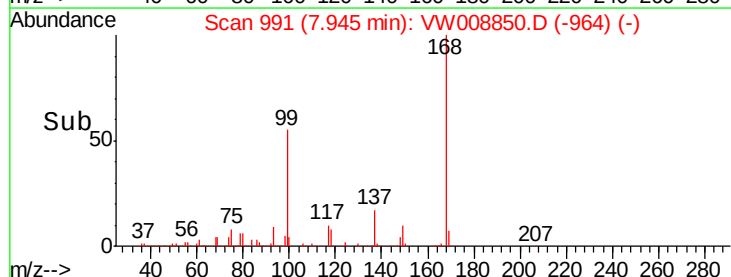
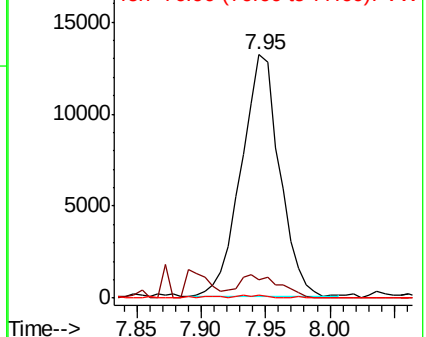
75 100

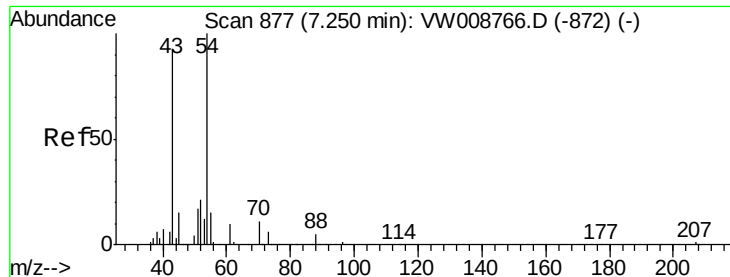
110 10.4 17.5 52.6#

77 0.7 24.5 36.7#



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





#37

Ethyl Acetate

Concen: 4.201 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.11 min

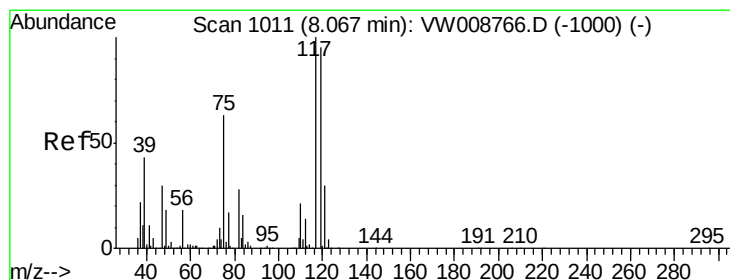
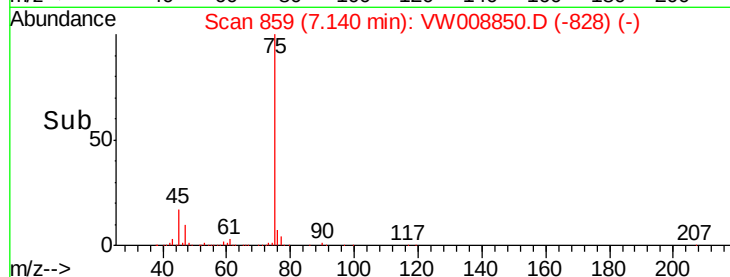
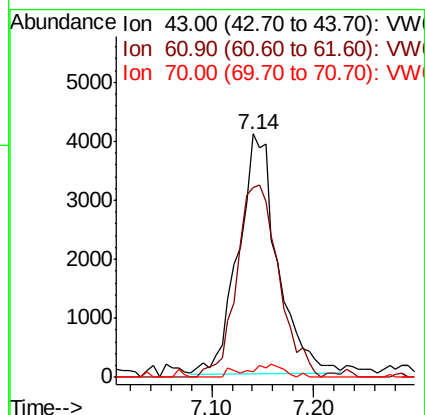
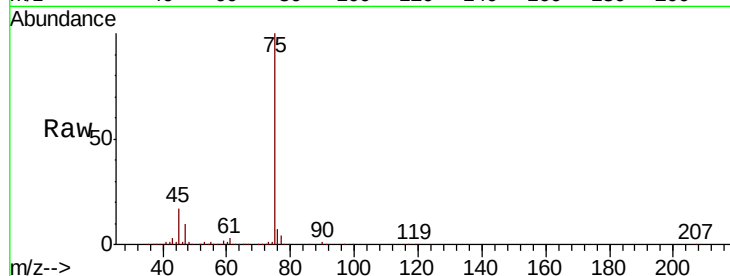
Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 10943

Ion	Ratio	Lower	Upper
43	100		
61	85.3	9.8	14.8#
70	3.9	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 7.95 min Scan# 991

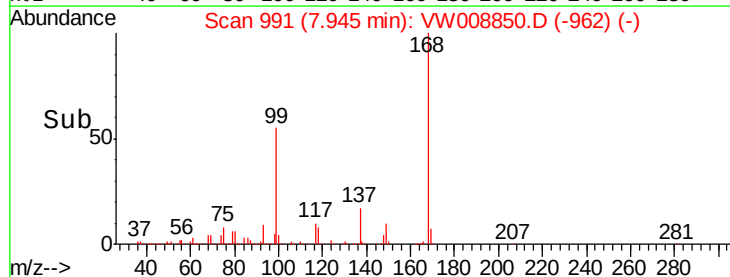
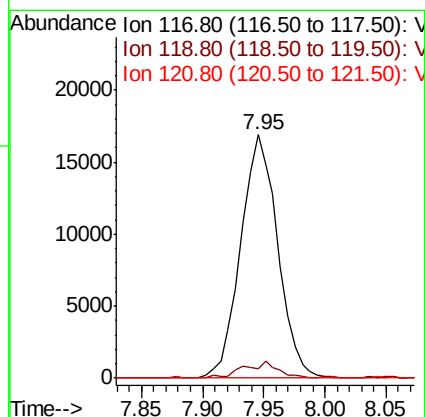
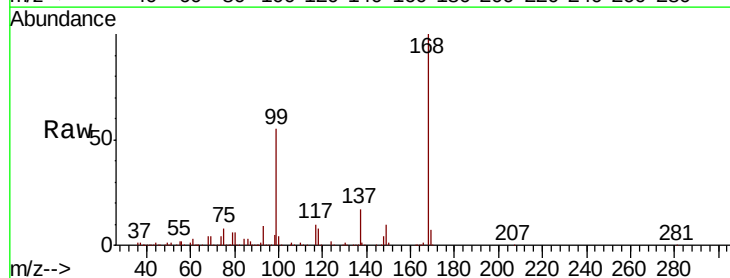
Delta R.T. -0.12 min

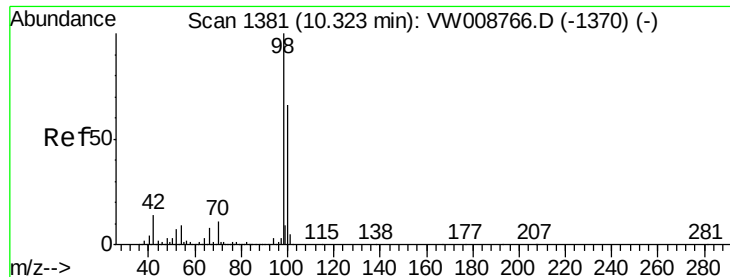
Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Tgt Ion: 117 Resp: 35480

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 49.867 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

Instrument :

MSVOA_W

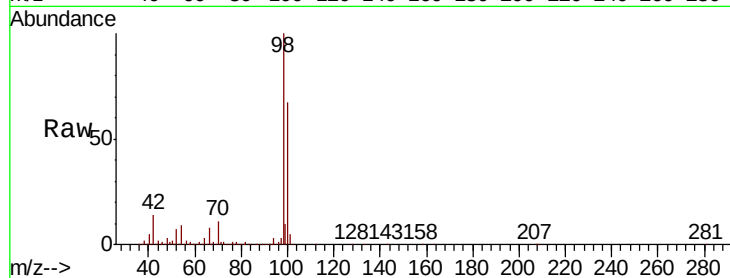
ClientSampleId :

Tot Ion: 98 Resp: 665144

Ion Ratio Lower Upper

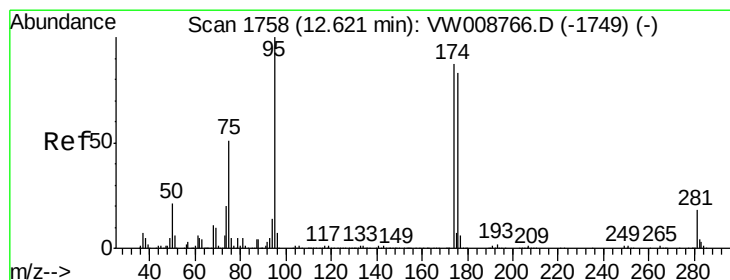
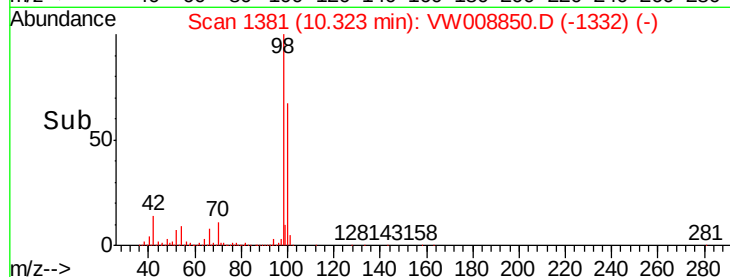
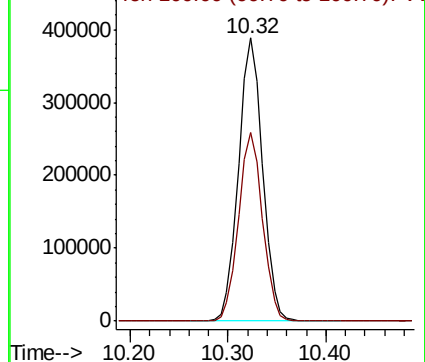
98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.284 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008850.D

Acq: 27 Feb 2019 13:15

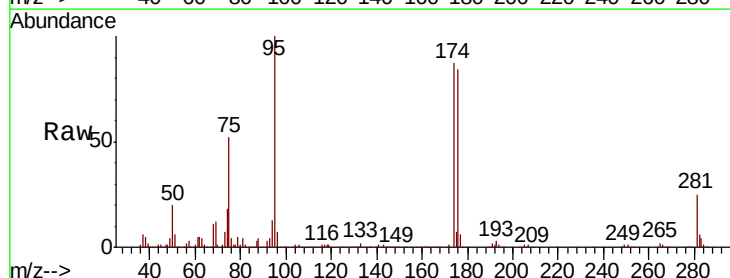
Tgt Ion: 95 Resp: 194717

Ion Ratio Lower Upper

95 100

174 86.6 0.0 169.2

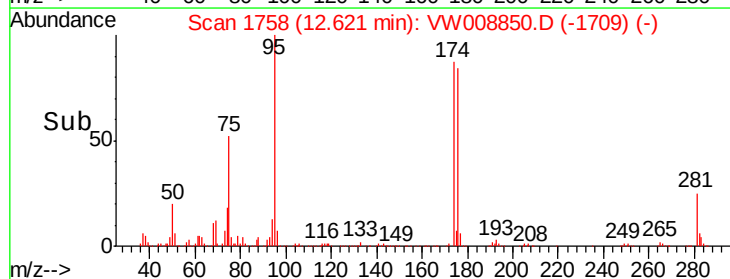
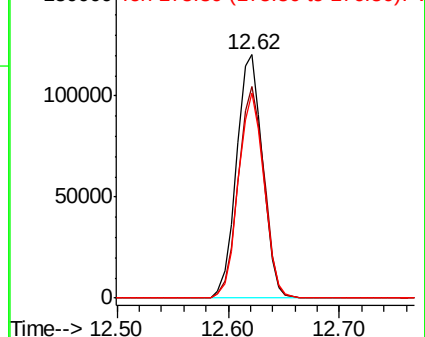
176 83.2 0.0 163.6

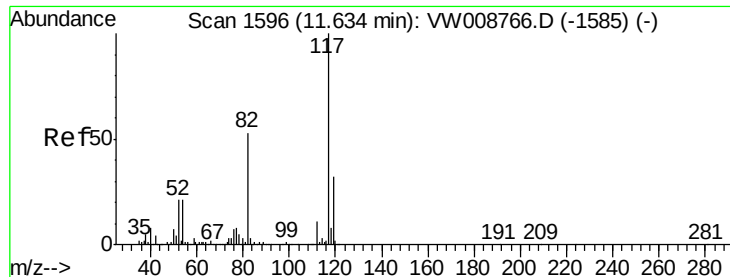


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

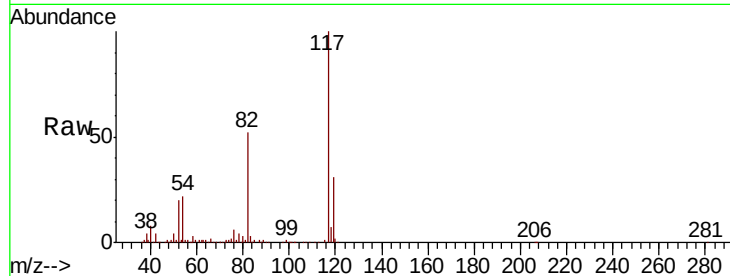




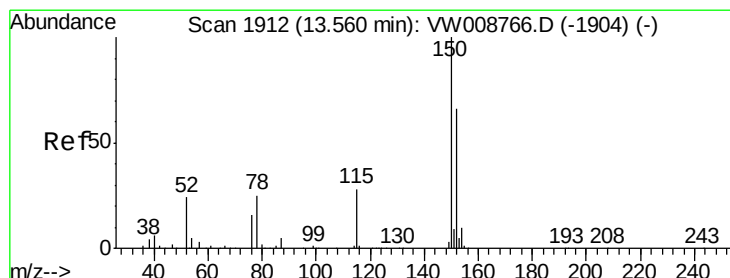
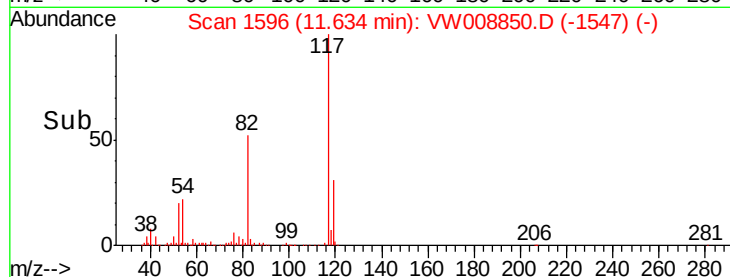
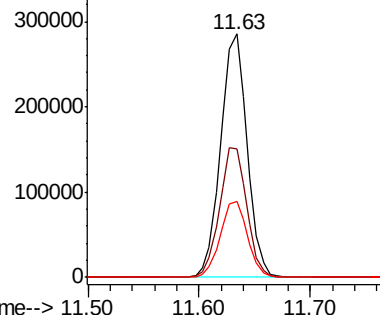
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008850.D
Acq: 27 Feb 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 472440
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.1 25.9 38.9

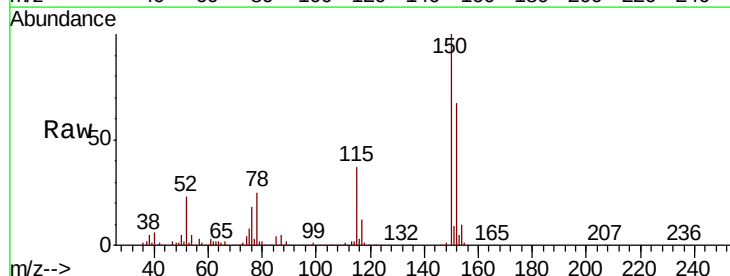


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

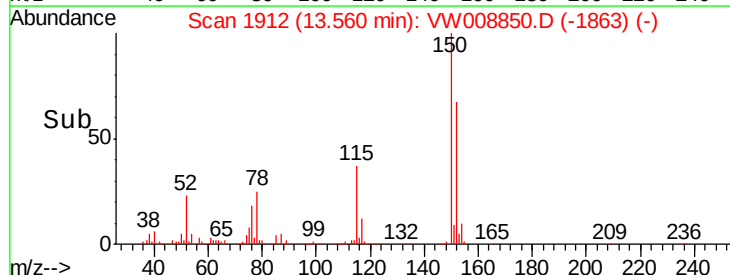
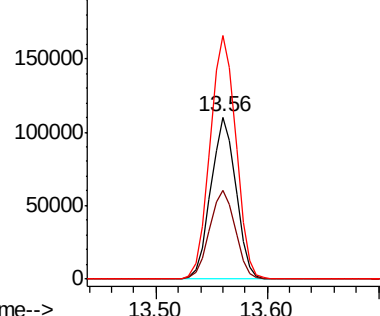


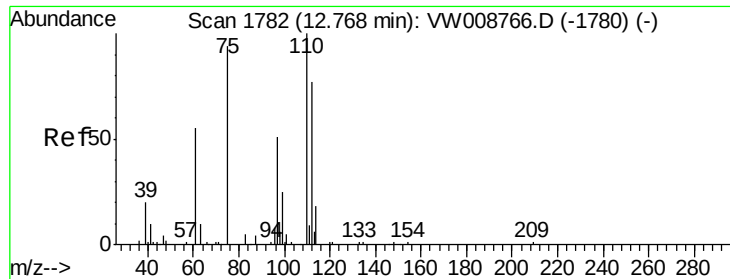
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008850.D
Acq: 27 Feb 2019 13:15

Tgt Ion:152 Resp: 172240
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.8
150 154.6 0.0 348.0



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



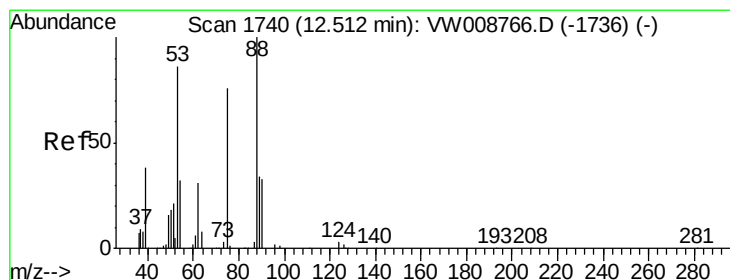
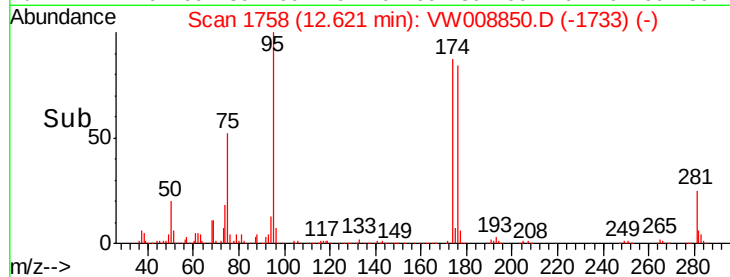
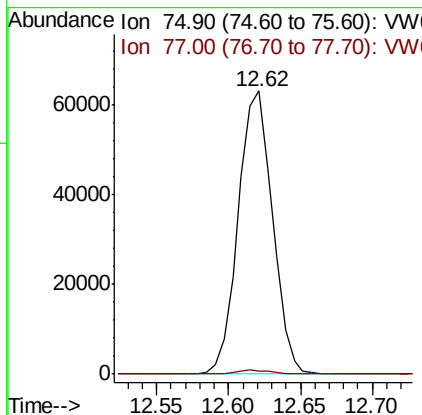
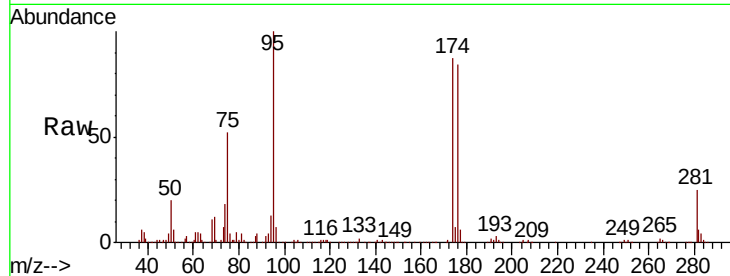


#76

1,2,3-Trichloropropane
 Concen: 73.328 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008850.D
 Acq: 27 Feb 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 104277
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
 Concen: 178.265 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008850.D
 Acq: 27 Feb 2019 13:15

Tgt Ion: 75 Resp: 104277
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.2 132.2#
 89 0.1 39.5 59.3#

