

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010898.D
 Acq On : 20 Jun 2019 18:03
 Operator : SY/VA
 Sample : K3455-09
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:48:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122227	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	151816	56.28	ug/l	0.00
Spiked Amount			Recovery	=	112.56%	
35) Dibromofluoromethane	7.88	113	108057	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.32	98	469236	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.62	95	150742	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	

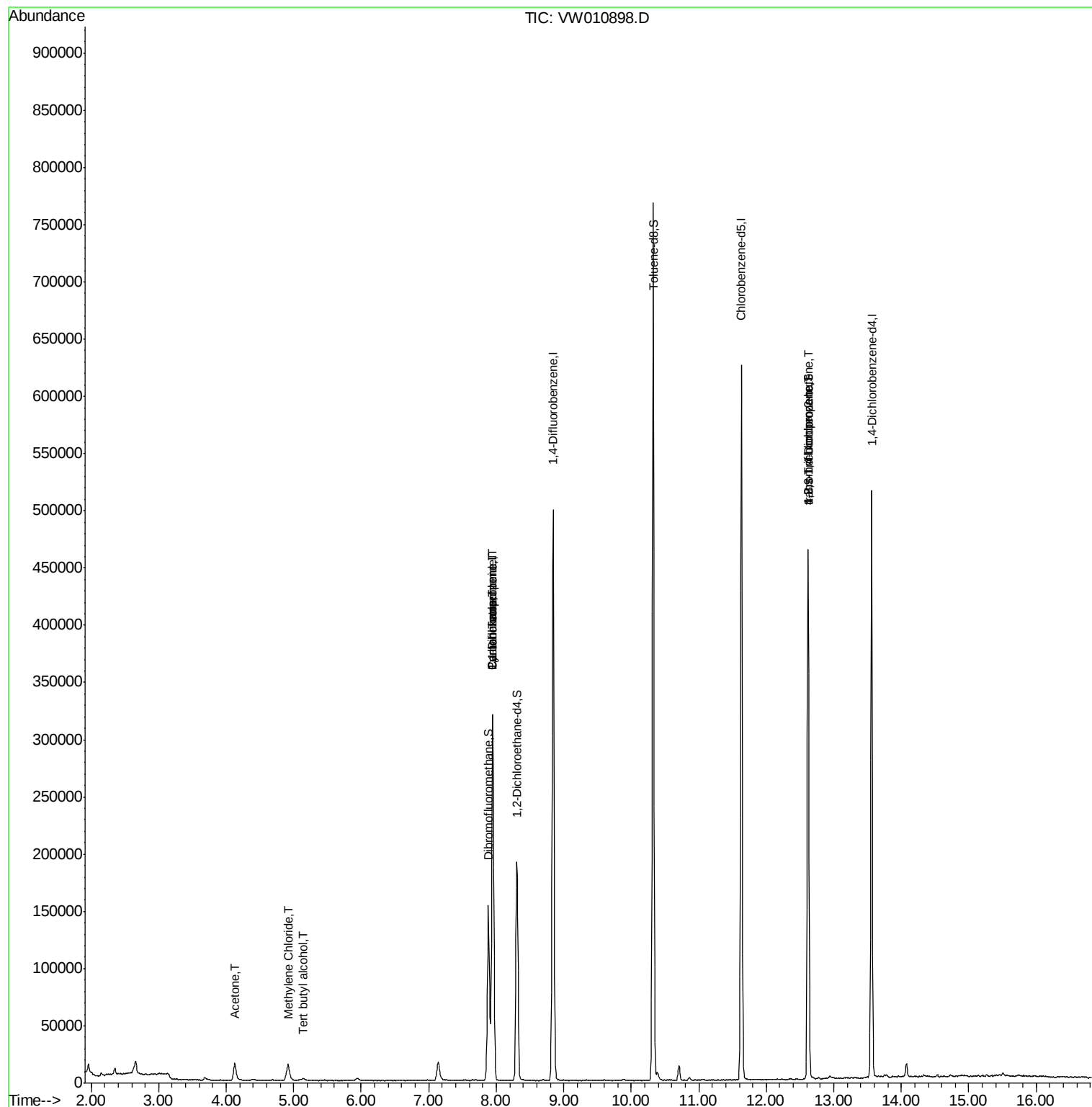
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	1887	8.586	ug/l #	78
16) Acetone	4.13	43	27850	38.528	ug/l	98
20) Methylene Chloride	4.92	84	9362	3.692	ug/l	93
31) Cyclohexane	7.95	56	6213	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21043	5.381	ug/l #	50
38) Carbon Tetrachloride	7.95	117	23678	7.014	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	82209	64.048	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82209	147.204	ug/l #	5

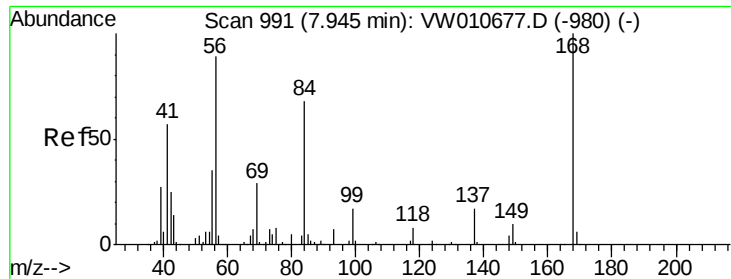
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010898.D

Acq: 20 Jun 2019 18:03

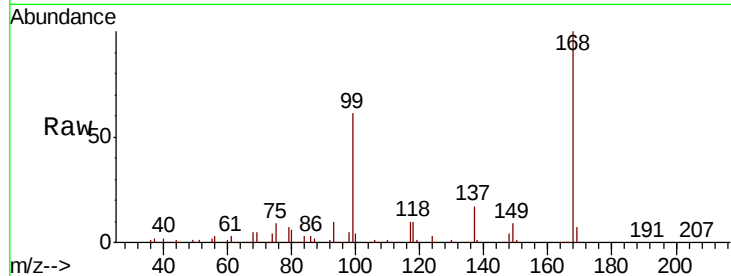
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 228876

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

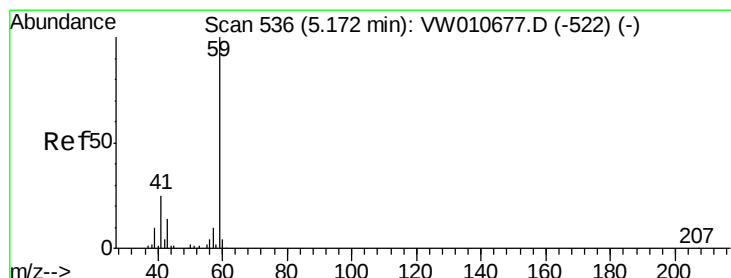
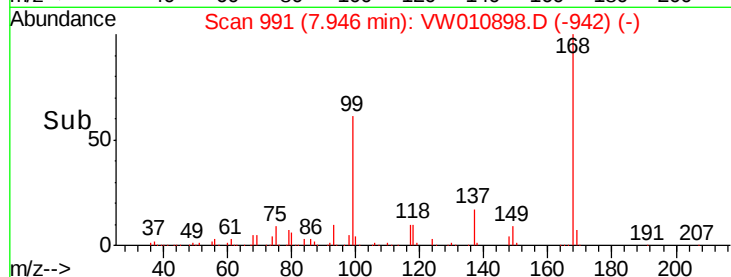
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.586 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW010898.D

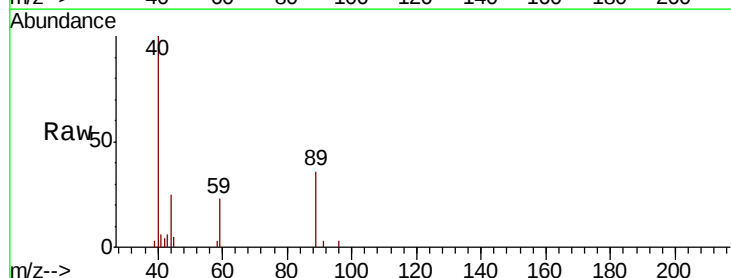
Acq: 20 Jun 2019 18:03

Tgt Ion: 59 Resp: 1887

Ion Ratio Lower Upper

59 100

57 2.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

500

400

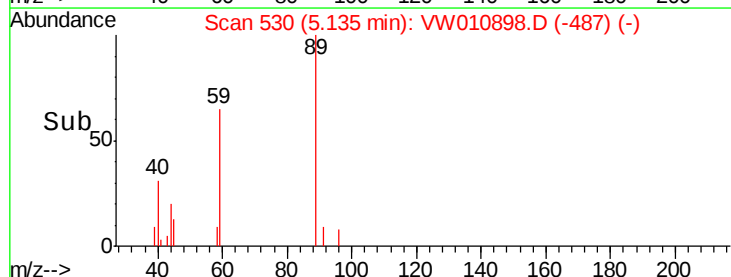
300

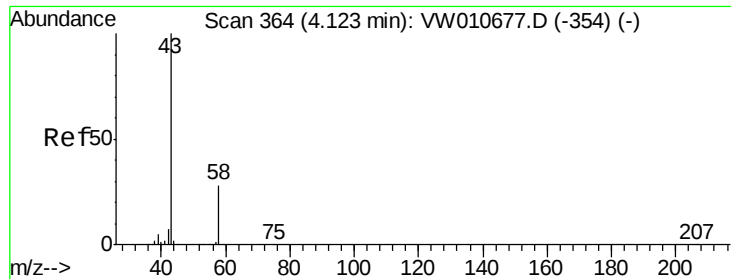
200

100

0

Time-->





#16

Acetone

Concen: 38.528 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010898.D

Acq: 20 Jun 2019 18:03

Instrument :

MSVOA_W

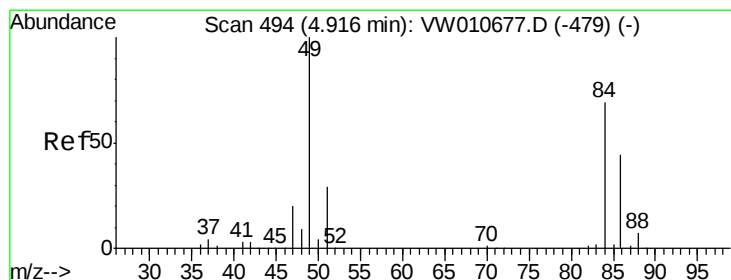
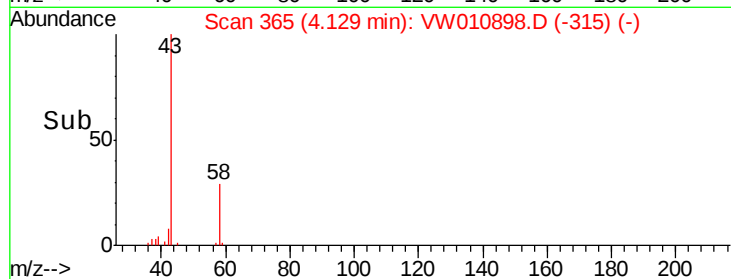
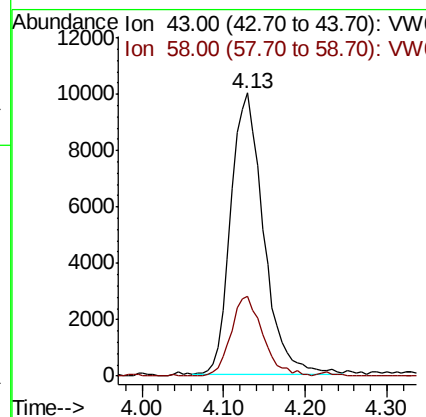
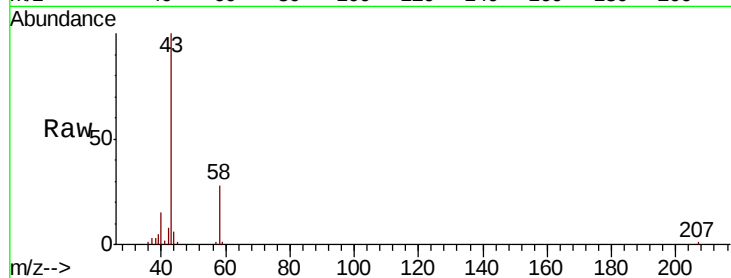
ClientSampled :

Tot Ion: 43 Resp: 27850

Ion Ratio Lower Upper

43 100

58 28.5 22.1 33.1



#20

Methylene Chloride

Concen: 3.692 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010898.D

Acq: 20 Jun 2019 18:03

Tgt Ion: 84 Resp: 9362

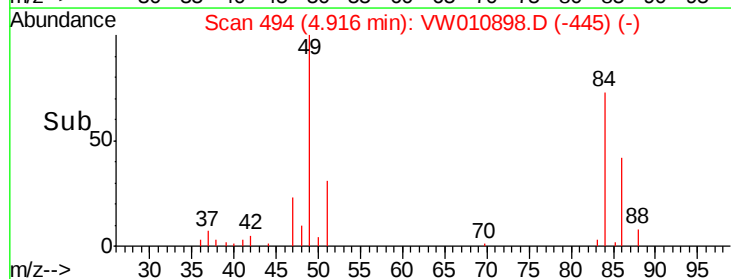
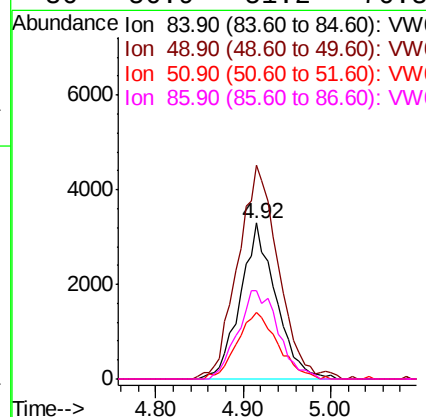
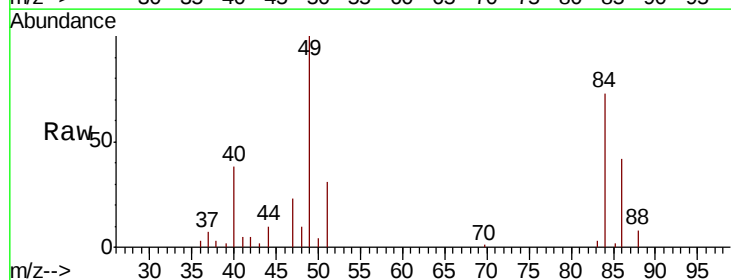
Ion Ratio Lower Upper

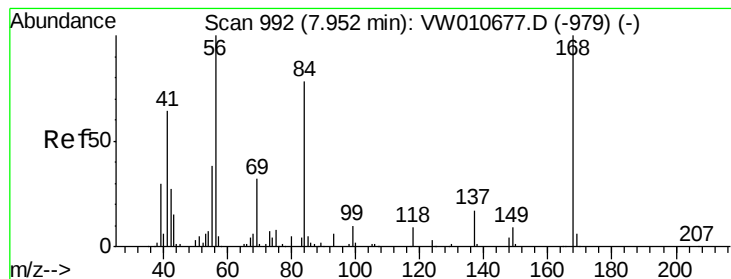
84 100

49 136.8 116.7 175.1

51 42.4 34.2 51.2

86 56.9 51.2 76.8





#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010898.D

Acq: 20 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

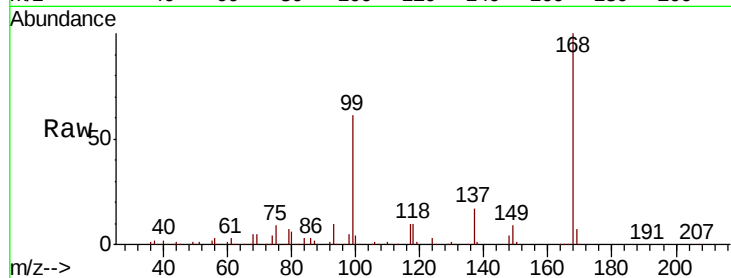
Tot Ion: 56 Resp: 6213

Ion Ratio Lower Upper

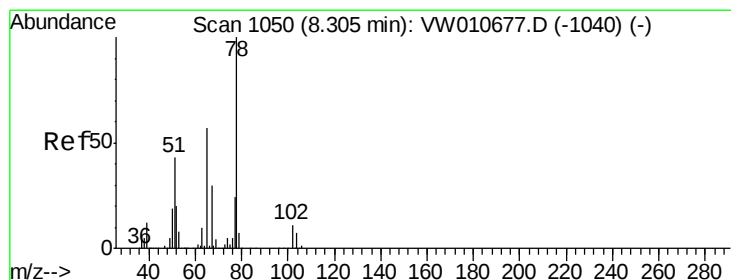
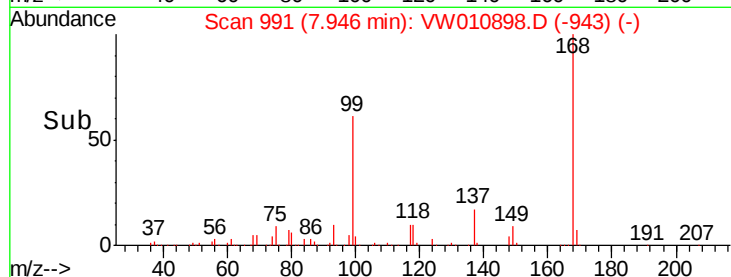
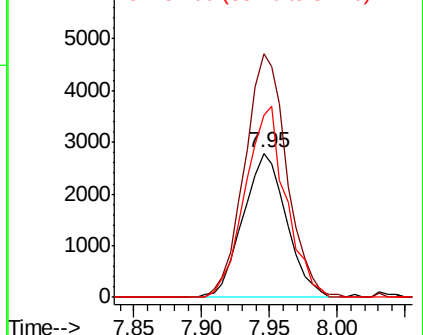
56 100

69 168.8 25.2 37.8#

84 126.3 62.2 93.2#



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: 56.276 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010898.D

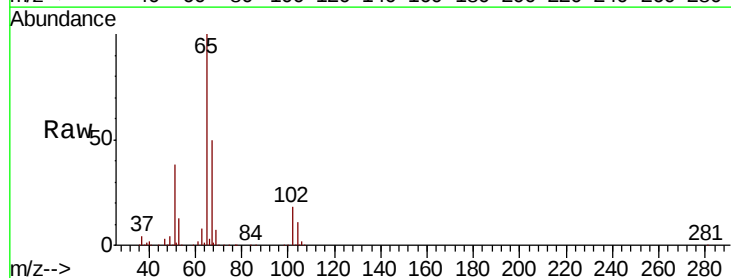
Acq: 20 Jun 2019 18:03

Tgt Ion: 65 Resp: 151816

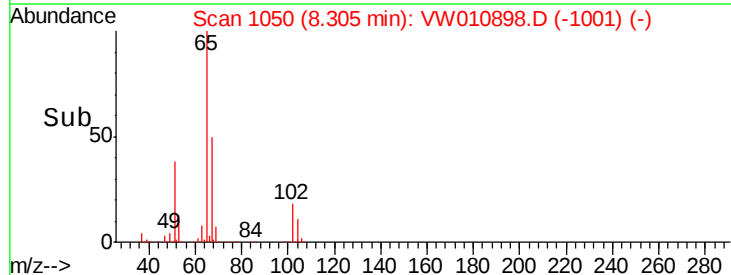
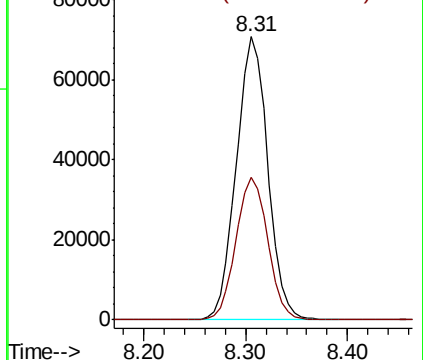
Ion Ratio Lower Upper

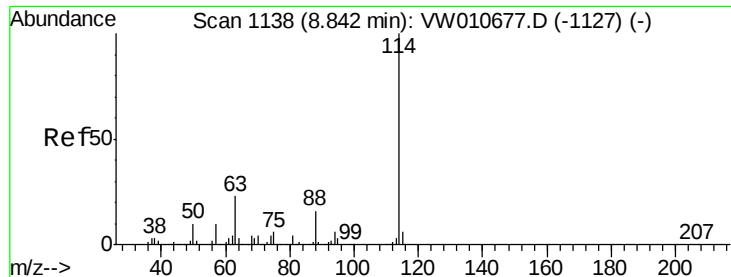
65 100

67 50.9 0.0 102.6



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: VW010898.D

Acq: 20 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

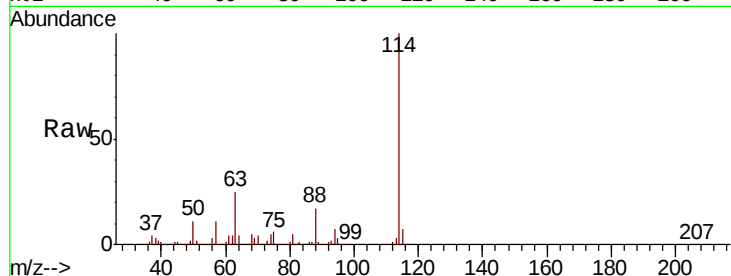
Tot Ion:114 Resp: 382029

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

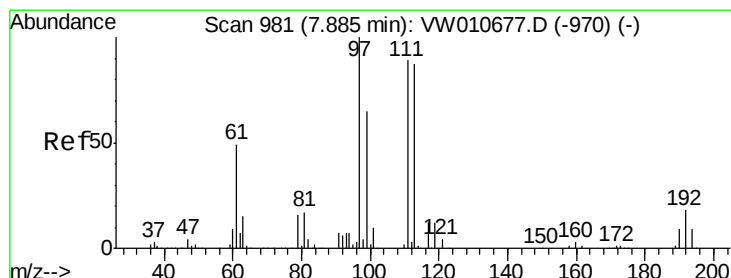
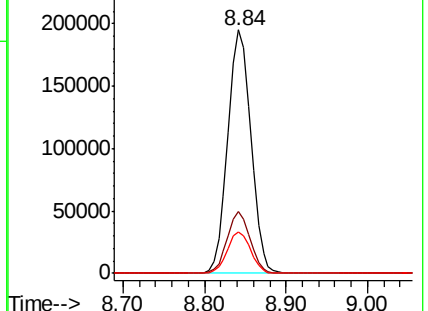
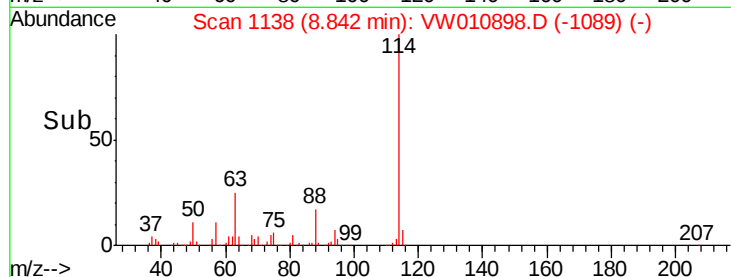
88 16.8 0.0 32.2



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: 52.111 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010898.D

Acq: 20 Jun 2019 18:03

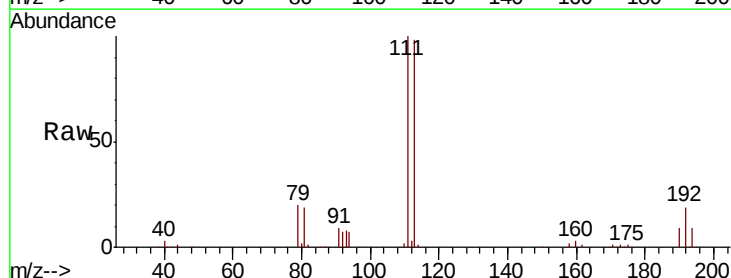
Tgt Ion:113 Resp: 108057

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

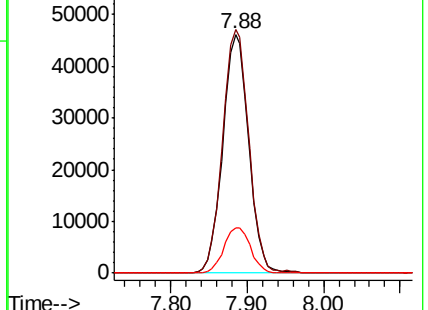
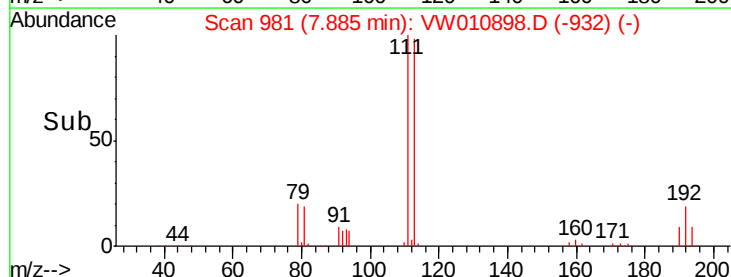
192 19.7 16.4 24.6

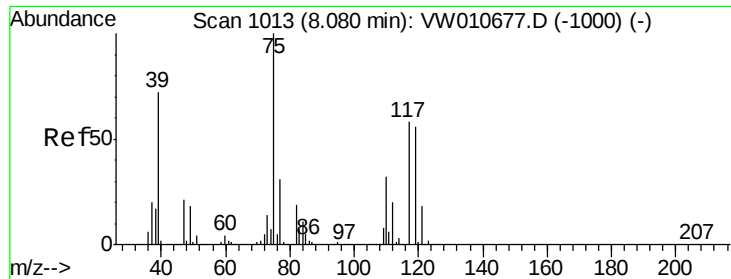


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

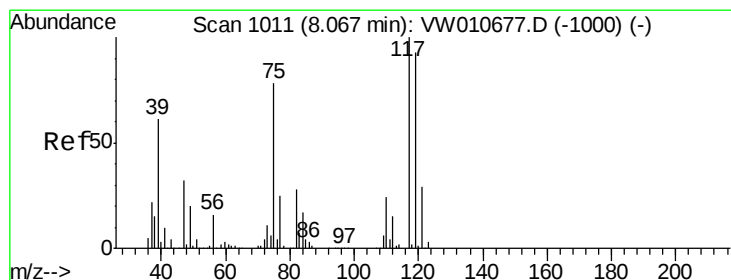
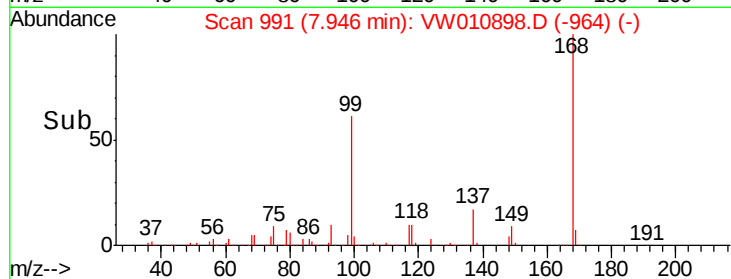
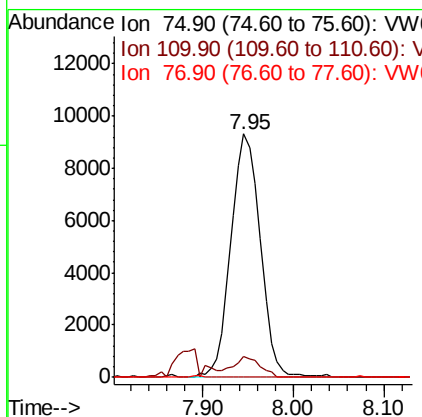
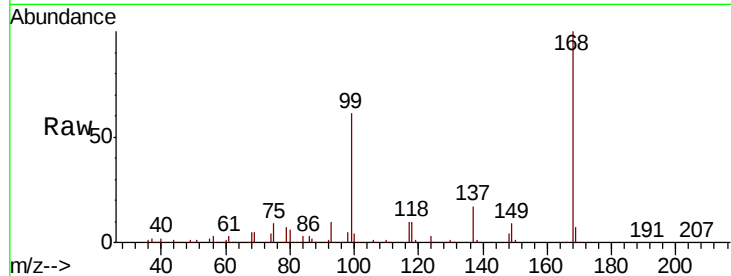




#36
 1,1-Dichloropropene
 Concen: 5.381 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010898.D
 Acq: 20 Jun 2019 18:03

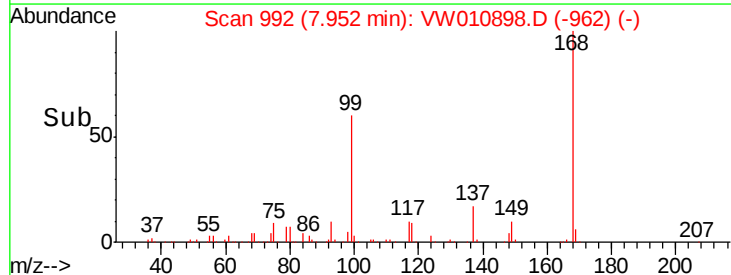
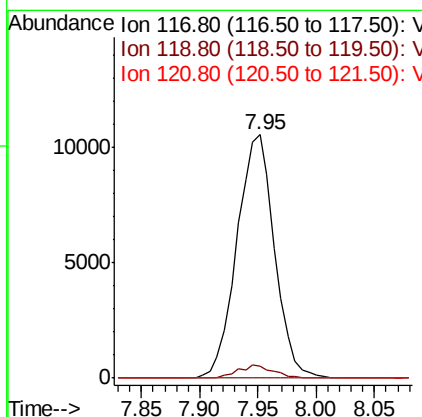
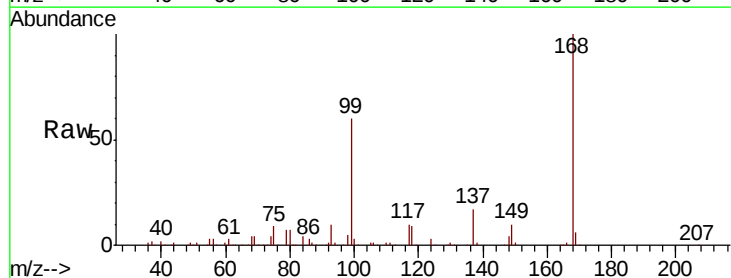
Instrument :
 MSVOA_W
 ClientSampled :

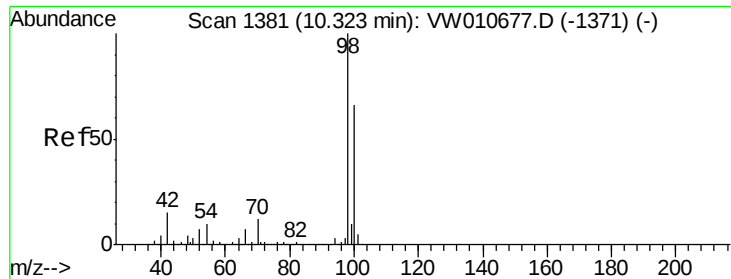
Tot Ion	75	Resp	21043
Ion Ratio	100	Lower	Upper
110	7.4	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.014 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010898.D
 Acq: 20 Jun 2019 18:03

Tgt Ion	117	Resp	23678
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	4.7	74.2	111.4#
121	0.0	22.9	34.3#

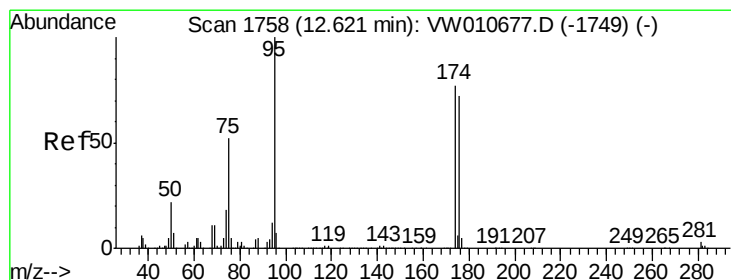
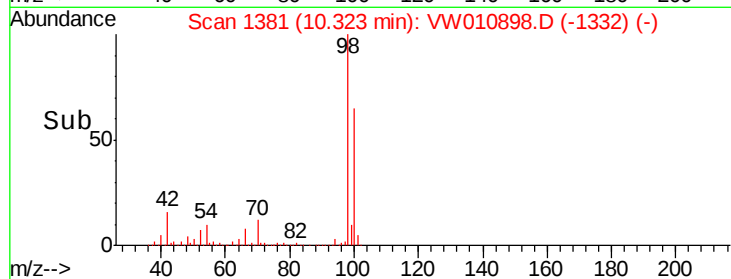
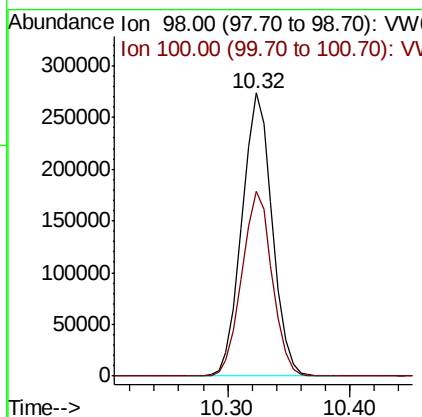
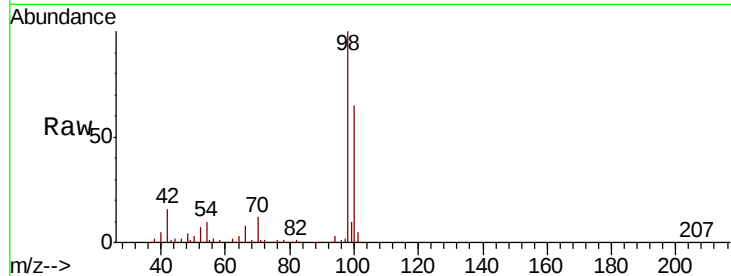




#50
Toluene-d8
Concen: 51.605 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010898.D
Acq: 20 Jun 2019 18:03

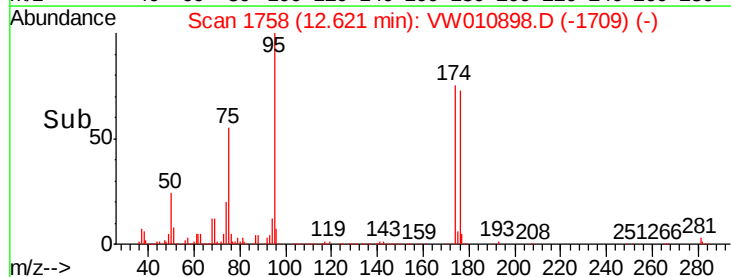
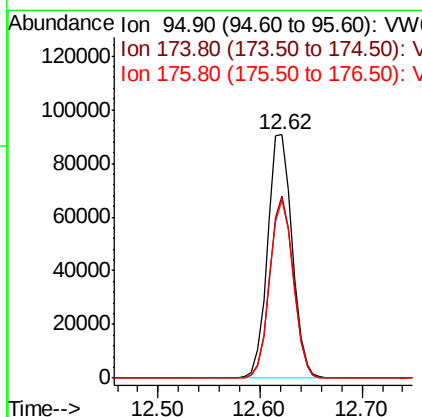
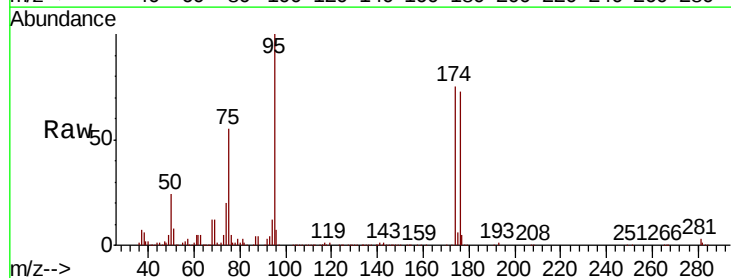
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MSVOA_W
ClientSampleId :

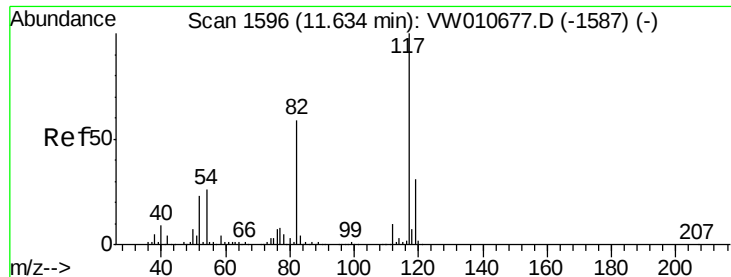
Tot Ion: 98 Resp: 469236
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.558 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010898.D
Acq: 20 Jun 2019 18:03

Tgt Ion: 95 Resp: 150742
Ion Ratio Lower Upper
95 100
174 71.7 0.0 150.4
176 70.6 0.0 144.8

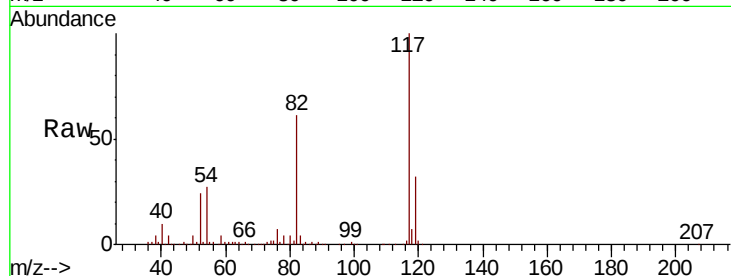




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010898.D
Acq: 20 Jun 2019 18:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.0	70.4
119	32.3	25.1	37.7

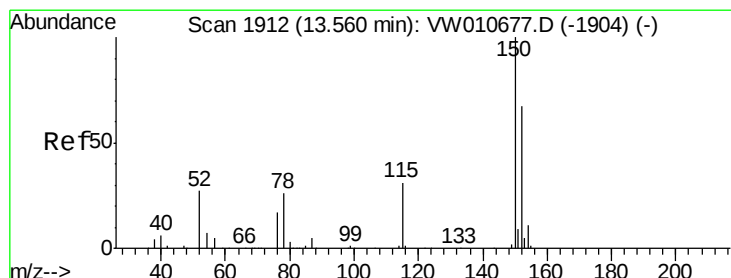
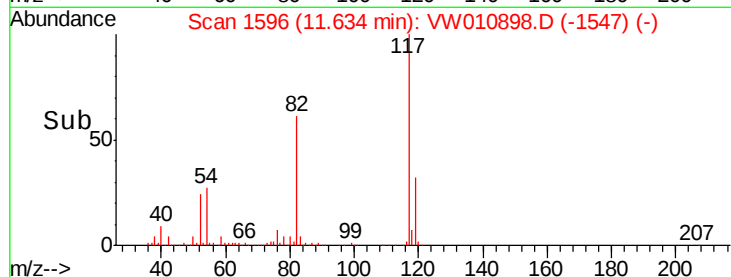
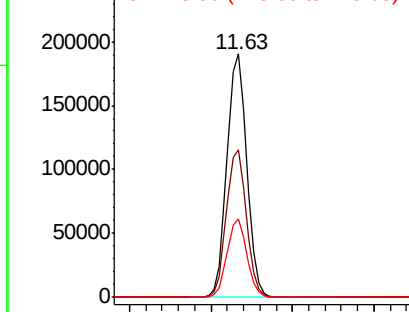


Abundance

Ion 116.90 (116.60 to 117.60): V

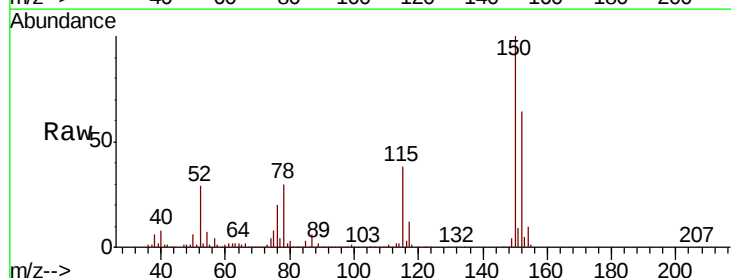
Ion 82.00 (81.70 to 82.70): V

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: VW010898.D
Acq: 20 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.8	89.3
150	155.9	0.0	345.0

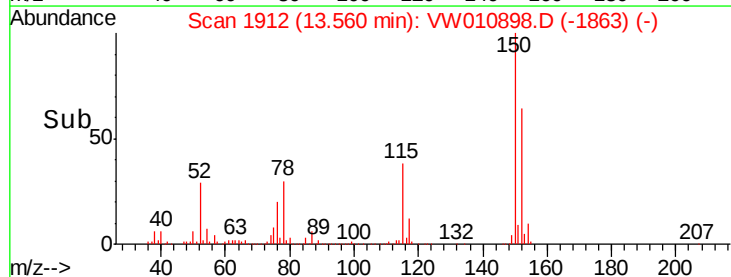
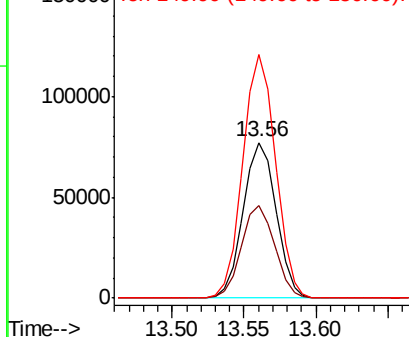


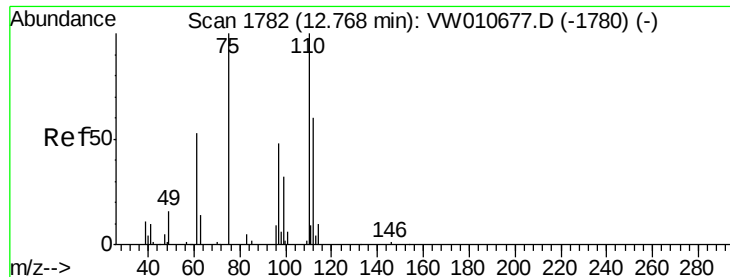
Abundance

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

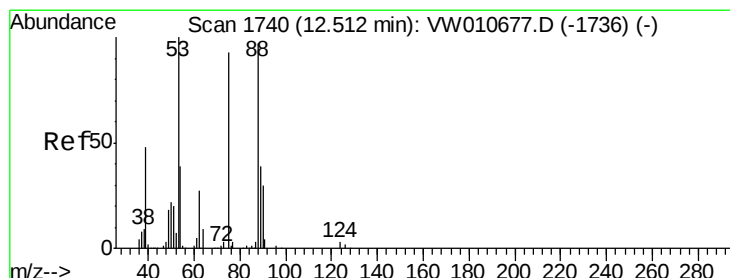
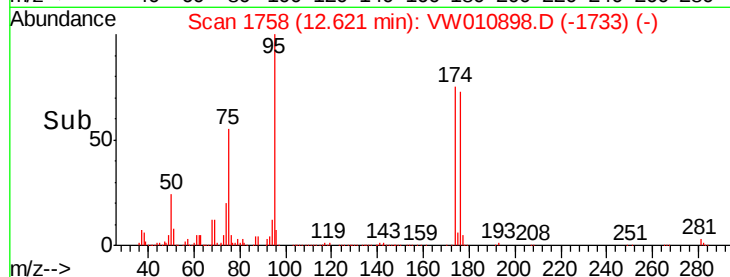
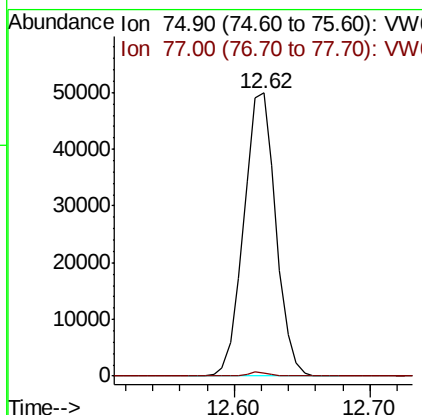
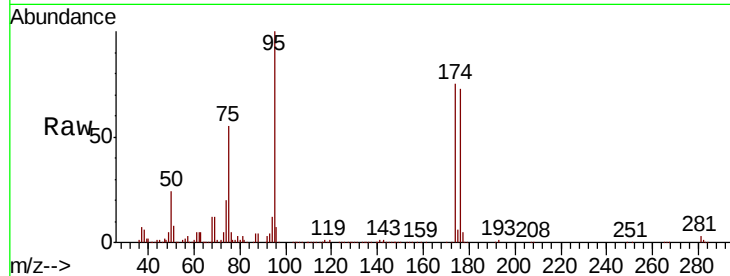




#76
 1,2,3-Trichloropropane
 Concen: 64.048 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010898.D
 Acq: 20 Jun 2019 18:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 82209
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.204 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010898.D
 Acq: 20 Jun 2019 18:03

Tgt Ion: 75 Resp: 82209
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 34.6 52.0#

