

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100818\
 Data File : VW005934.D
 Acq On : 09 Oct 2018 10:04
 Operator : SY/AP
 Sample : i5329-05
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 11:12:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

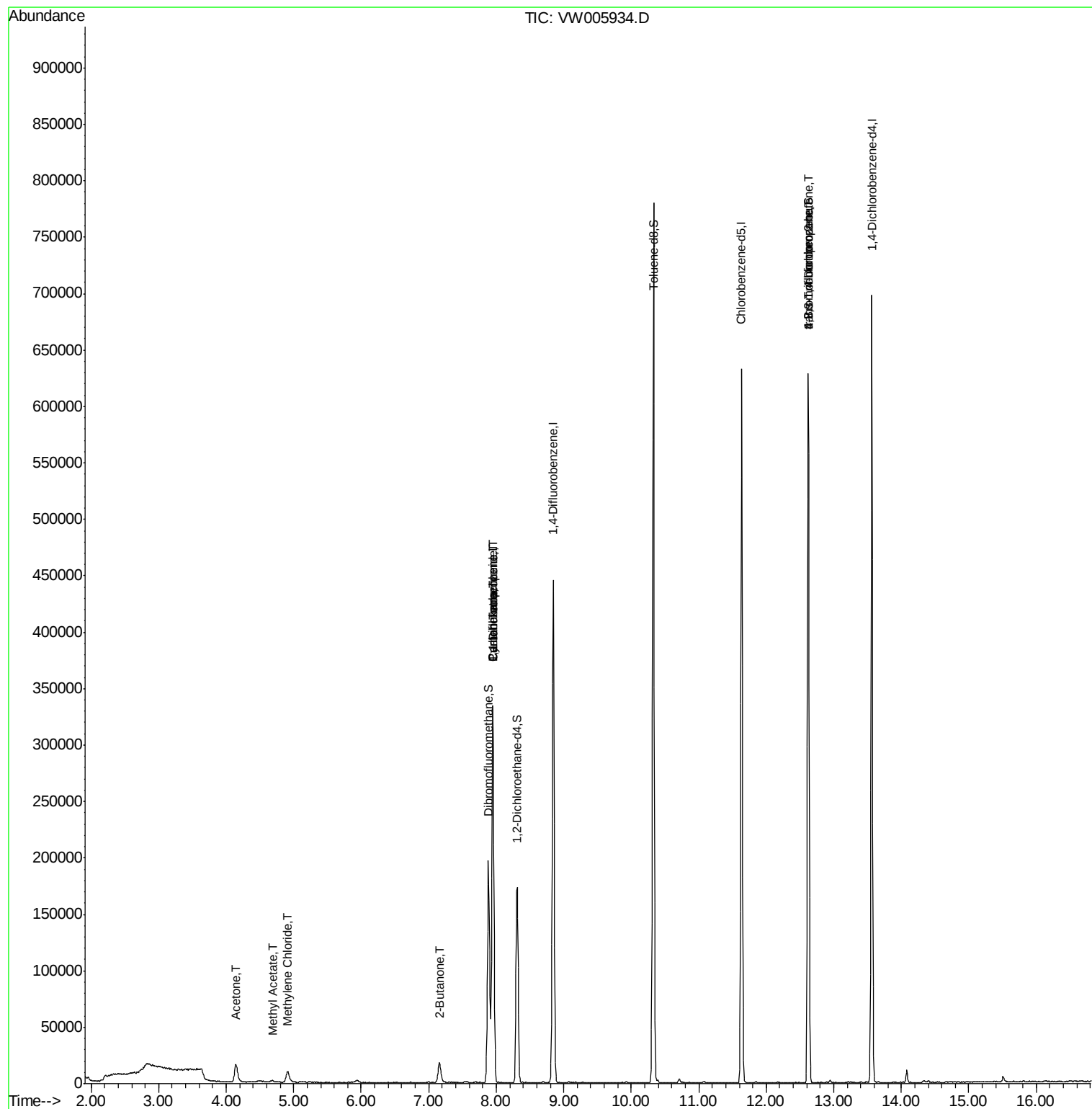
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136906	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	137880	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.33	98	532894	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.62	95	190313	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	31224	59.755	ug/l	95
18) Methyl Acetate	4.68	43	3332	2.527	ug/l	96
20) Methylene Chloride	4.90	84	8265	3.157	ug/l	91
25) 2-Butanone	7.16	43	816	1.098	ug/l #	49
31) Cyclohexane	7.95	56	5322	1.162	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	17781	4.673	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24091	5.893	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	97710	57.896	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	97710	122.225	ug/l #	11

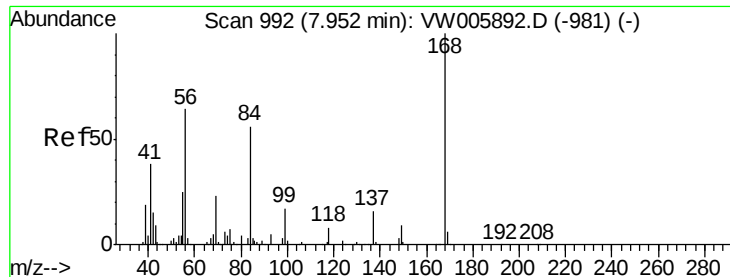
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100818\
Data File : VW005934.D
Acq On : 09 Oct 2018 10:04
Operator : SY/AP
Sample : i5329-05
Misc : 5.63G/5ML/MSVOA W/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 11:12:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
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: VW005934.D

Acq: 09 Oct 2018 10:04

Instrument :

MSVOA_W

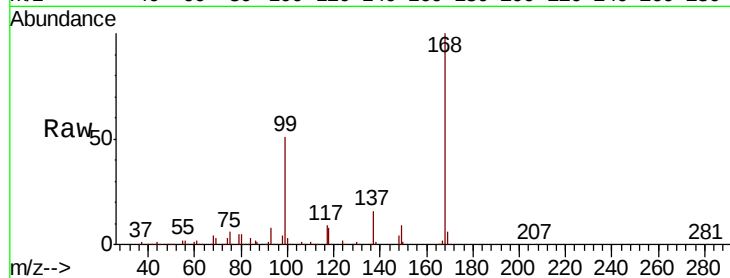
ClientSampled :

Tot Ion:168 Resp: 269480

Ion Ratio Lower Upper

168 100

99 50.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

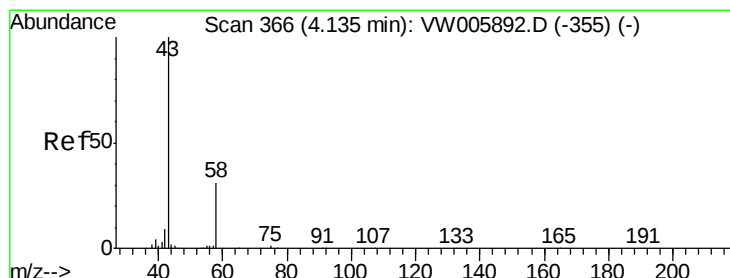
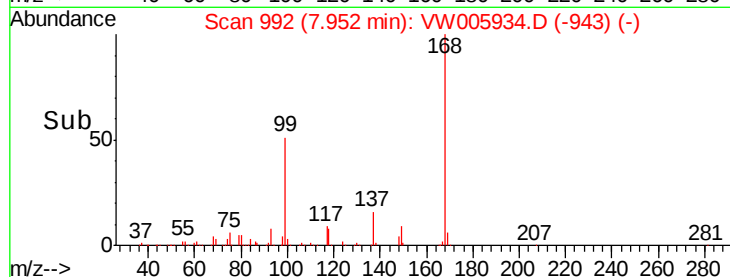
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 59.755 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005934.D

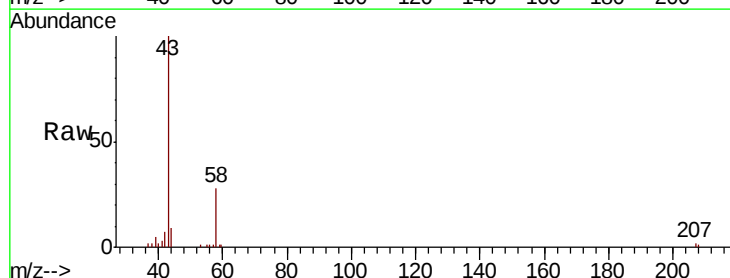
Acq: 09 Oct 2018 10:04

Tgt Ion: 43 Resp: 31224

Ion Ratio Lower Upper

43 100

58 28.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

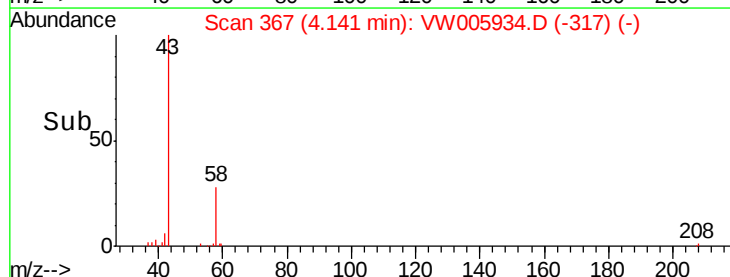
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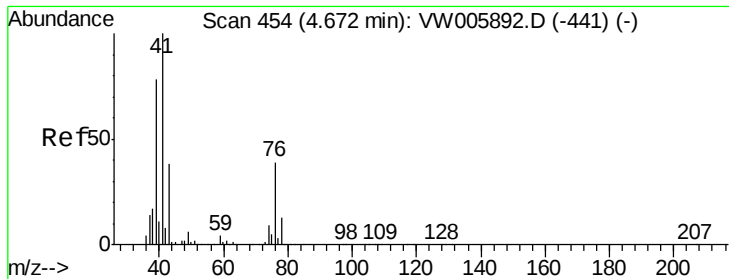
4000

2000

0

Time-->

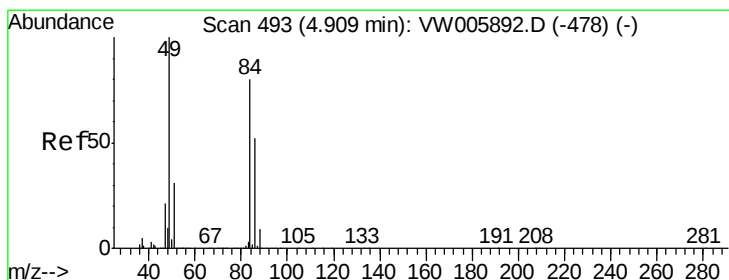
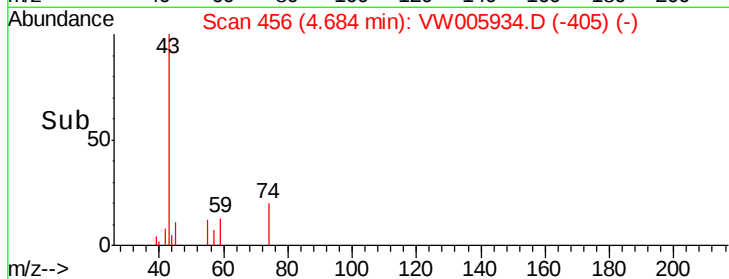
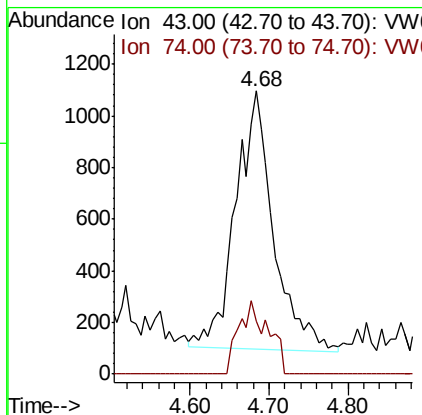
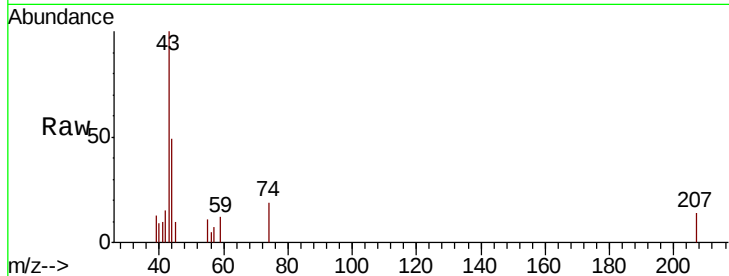




#18
Methyl Acetate
Concen: 2.527 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

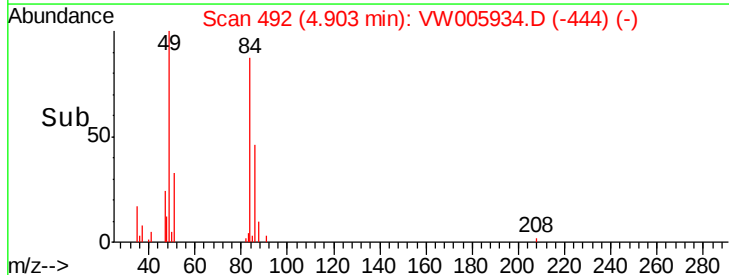
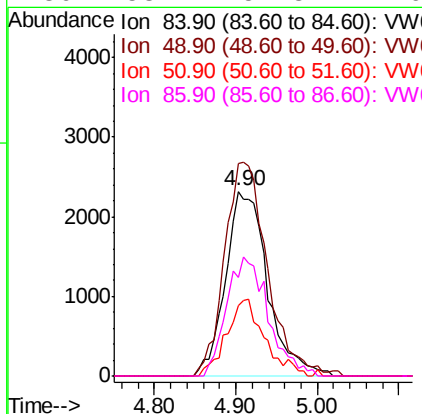
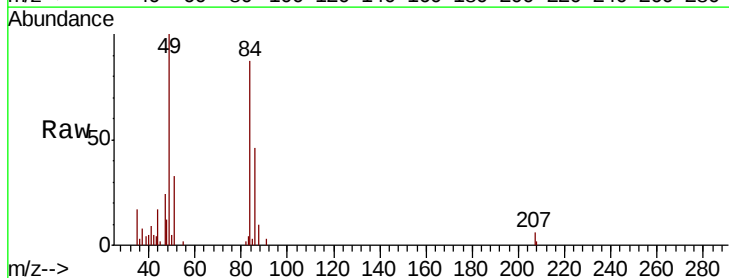
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
74 21.8 19.2 28.8



#20
Methylene Chloride
Concen: 3.157 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

Tgt Ion: 84 Resp: 8265
Ion Ratio Lower Upper
84 100
49 115.2 99.9 149.9
51 38.4 31.1 46.7
86 53.1 51.8 77.6





#25

2-Butanone

Concen: 1.098 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005934.D

Acq: 09 Oct 2018 10:04

Instrument :

MSVOA_W

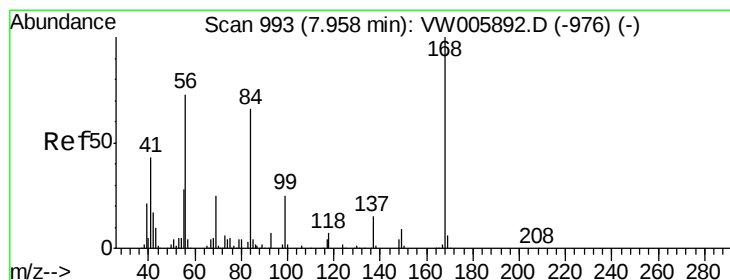
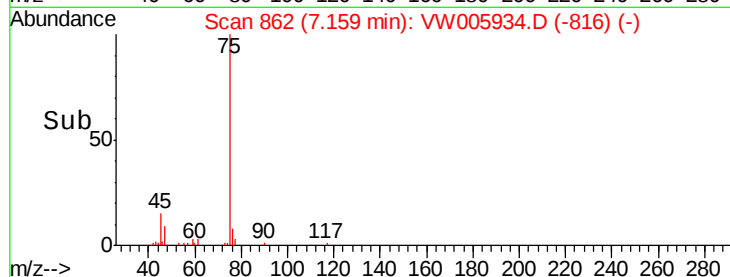
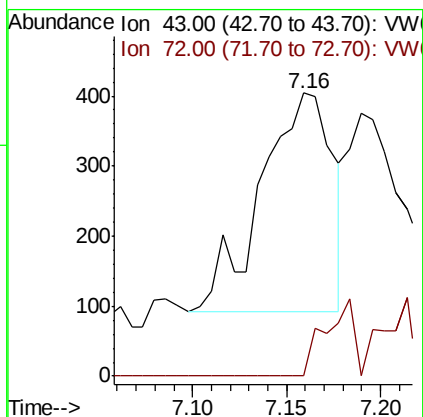
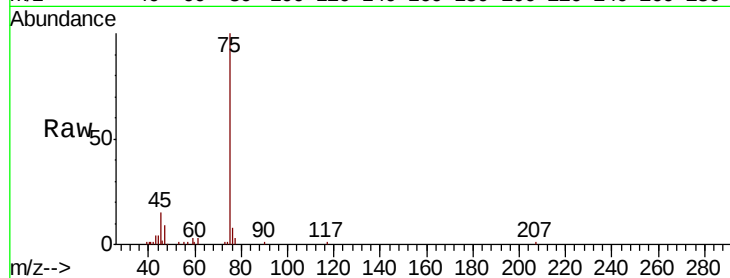
ClientSampled :

Tot Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005934.D

Acq: 09 Oct 2018 10:04

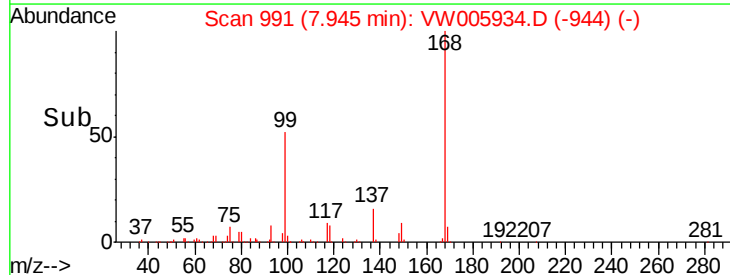
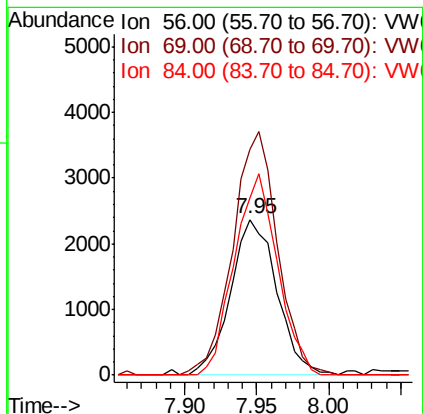
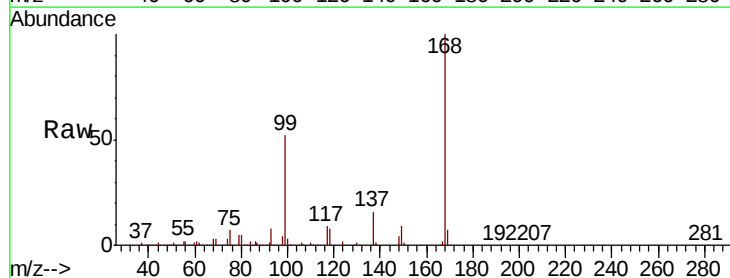
Tgt Ion: 56 Resp: 5322

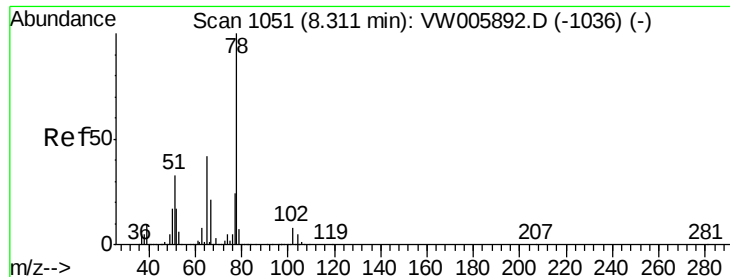
Ion Ratio Lower Upper

56 100

69 145.0 27.9 41.9#

84 113.8 72.3 108.5#

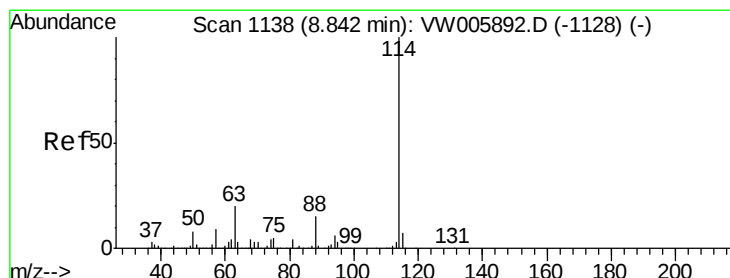
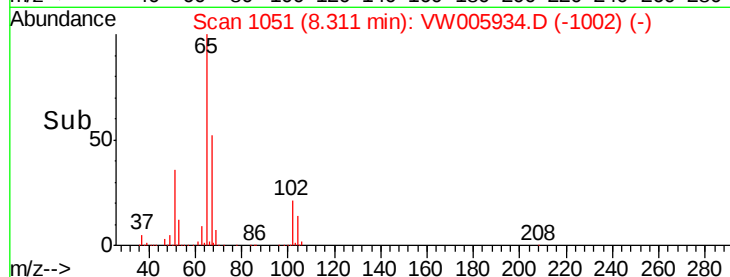
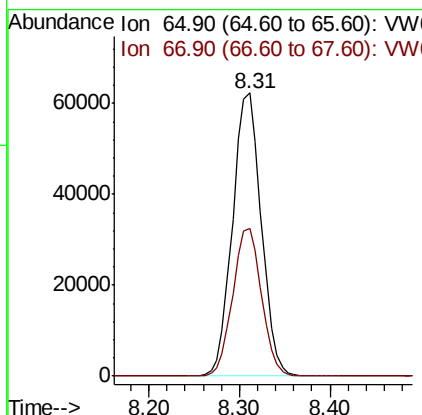
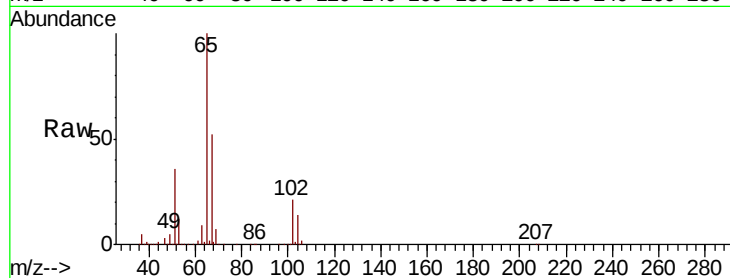




#33
 1,2-Dichloroethane-d4
 Concen: 52.333 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005934.D
 Acq: 09 Oct 2018 10:04

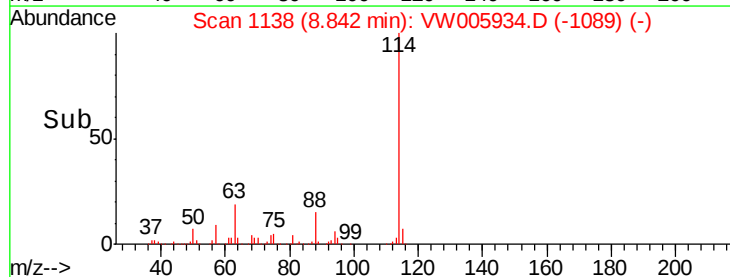
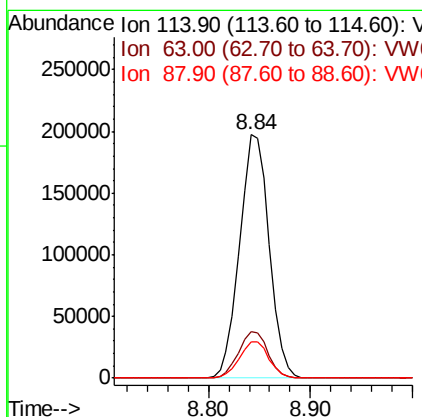
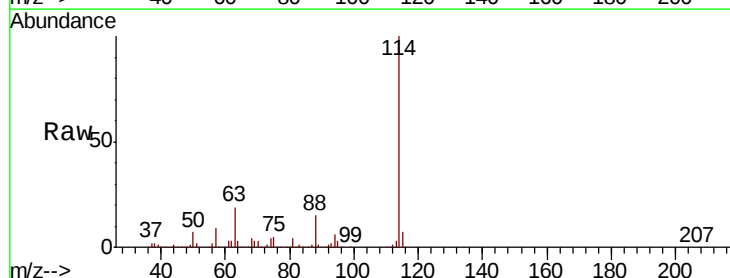
Instrument :
 MSVOA_W
 ClientSampleId :

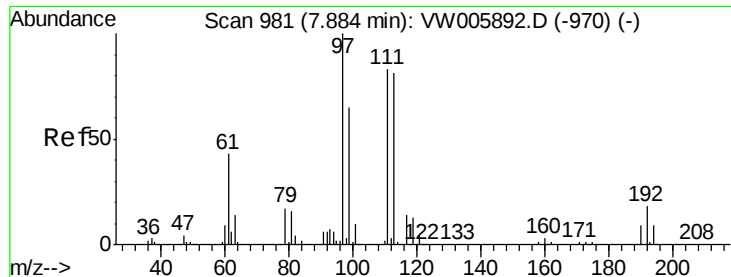
Tot Ion: 65 Resp: 136906
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005934.D
 Acq: 09 Oct 2018 10:04

Tgt Ion: 114 Resp: 397075
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.8 0.0 30.8

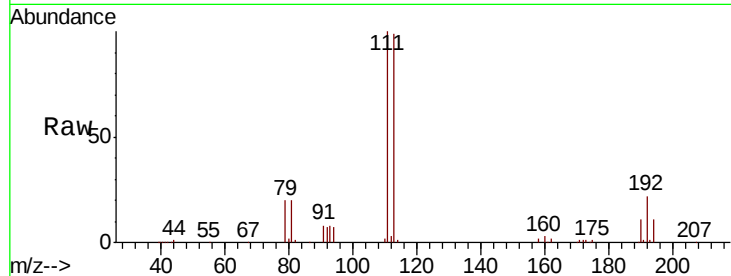




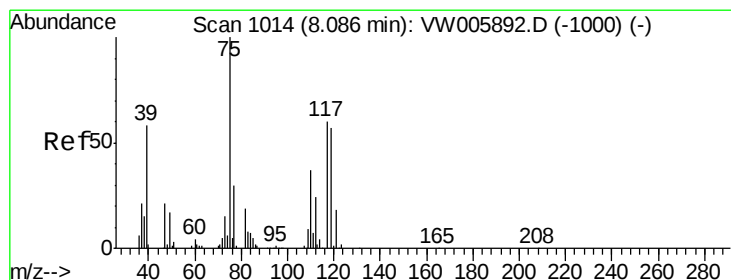
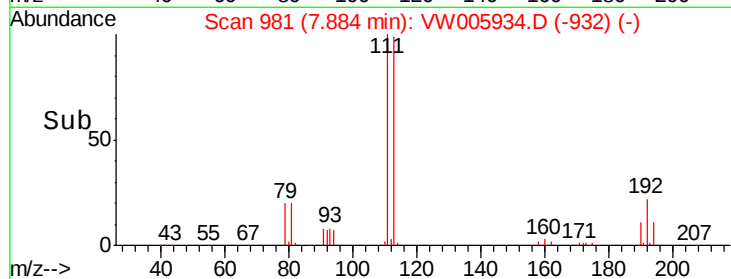
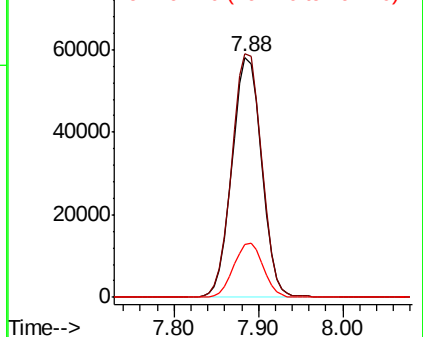
#35
 Dibromofluoromethane
 Concen: 54.387 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005934.D
 Acq: 09 Oct 2018 10:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.4	18.3	27.5

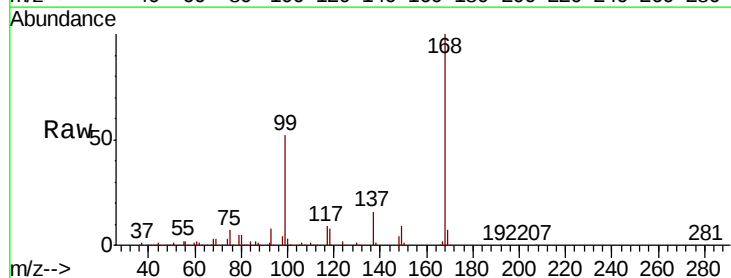


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

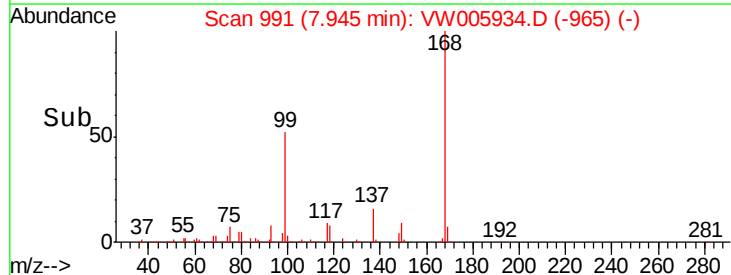
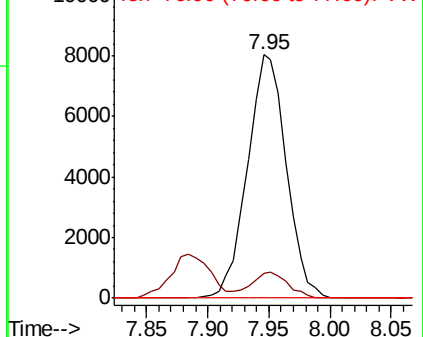


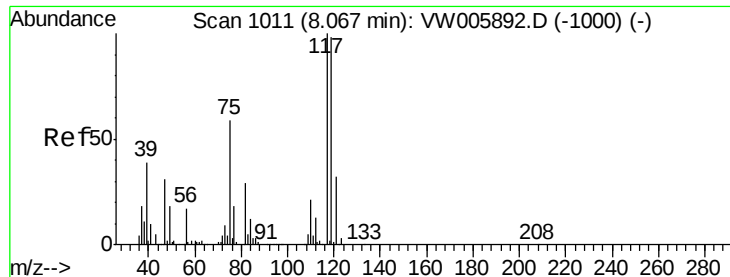
#36
 1,1-Dichloropropene
 Concen: 4.673 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005934.D
 Acq: 09 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.6	56.0#
77	0.0	24.7	37.1#



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: 5.893 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005934.D

Acq: 09 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

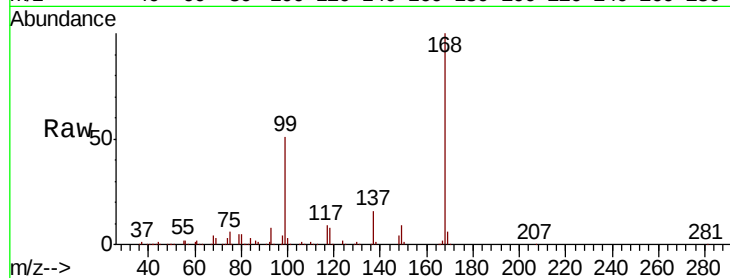
Tot Ion:117 Resp: 24091

Ion Ratio Lower Upper

117 100

119 4.6 78.6 117.8#

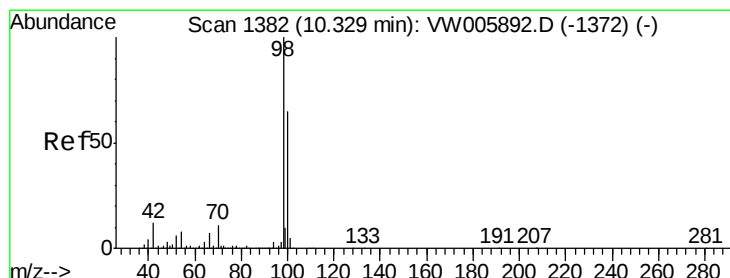
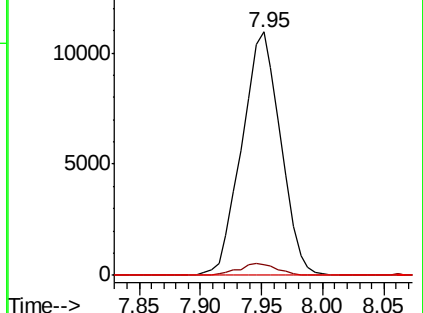
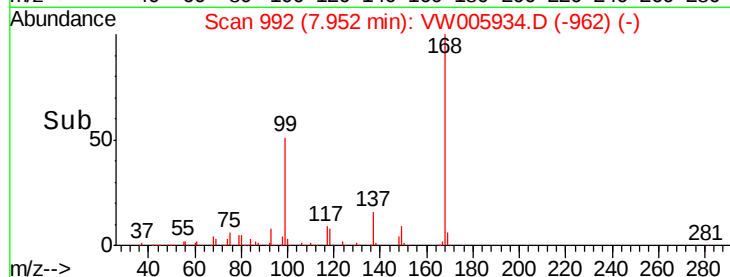
121 0.0 25.3 37.9#



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



#50

Toluene-d8

Concen: 54.634 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005934.D

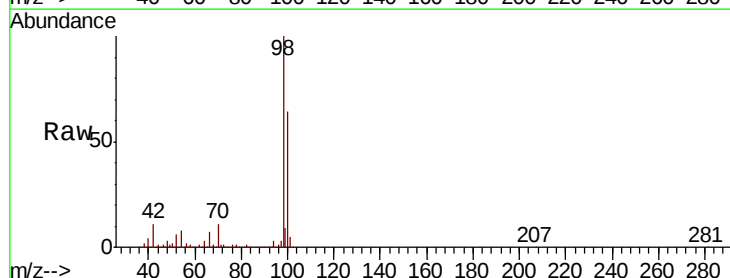
Acq: 09 Oct 2018 10:04

Tgt Ion: 98 Resp: 532894

Ion Ratio Lower Upper

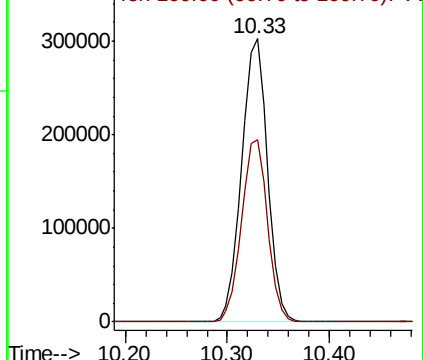
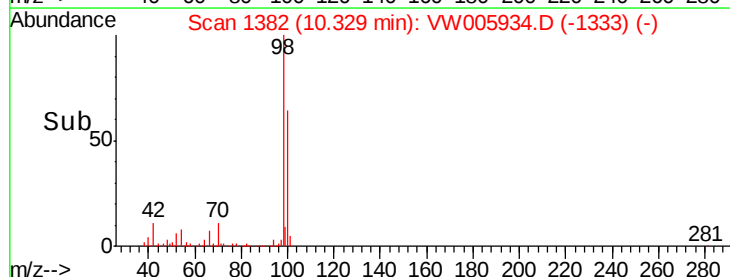
98 100

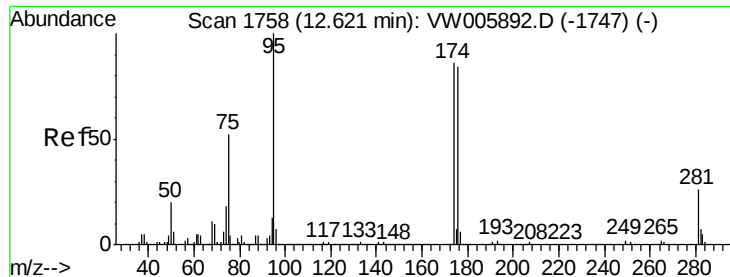
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

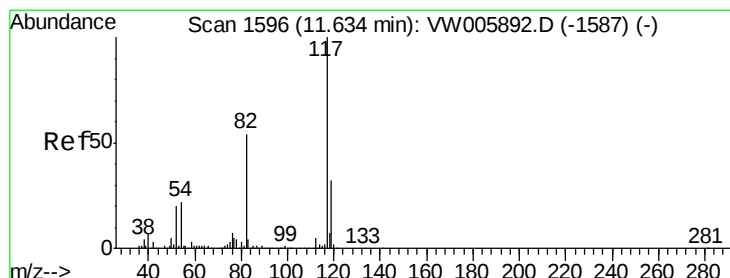
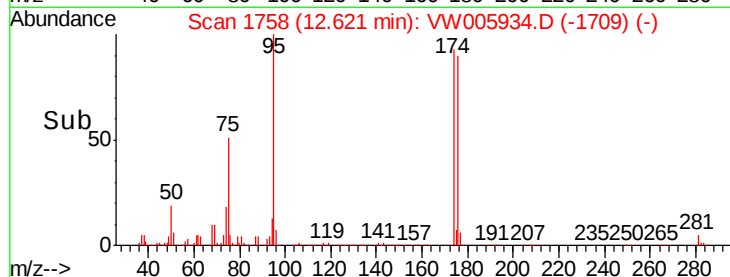
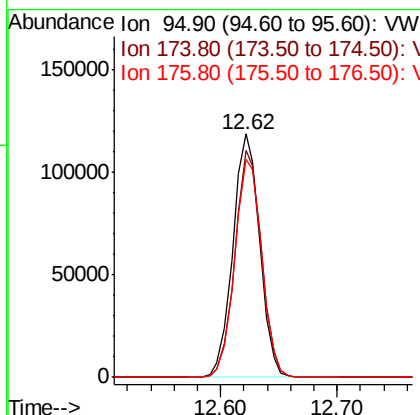
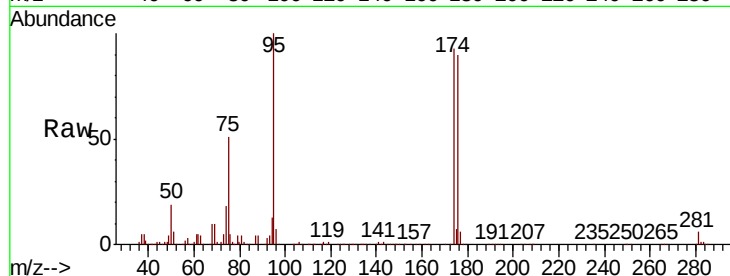




#62
4-Bromofluorobenzene
Concen: 51.284 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

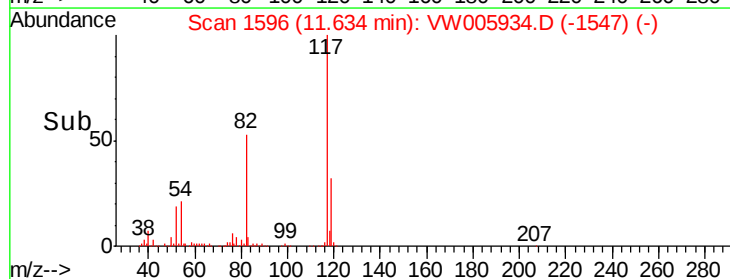
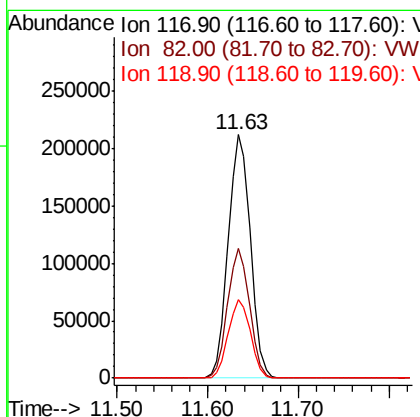
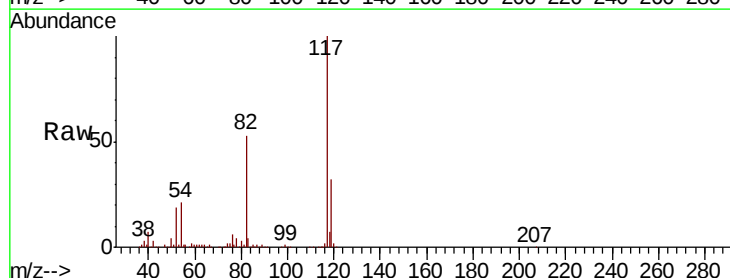
Instrument :
MSVOA_W
ClientSampleId :

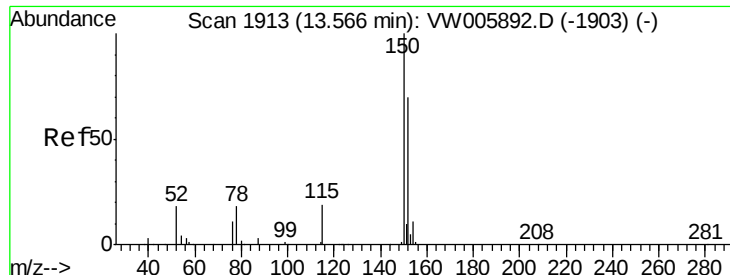
Tot Ion: 95 Resp: 190313
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.4
176 90.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

Tgt Ion: 117 Resp: 359846
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.4 25.4 38.2



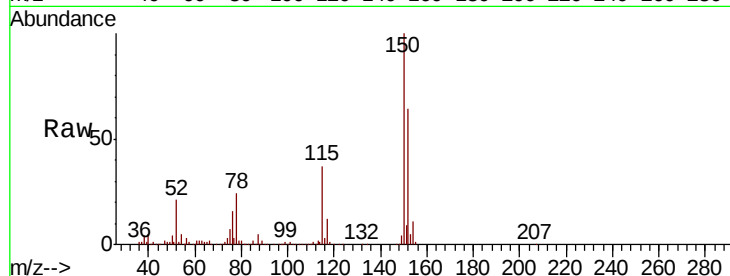


#72

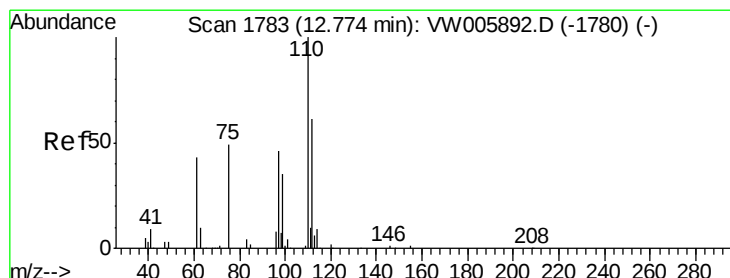
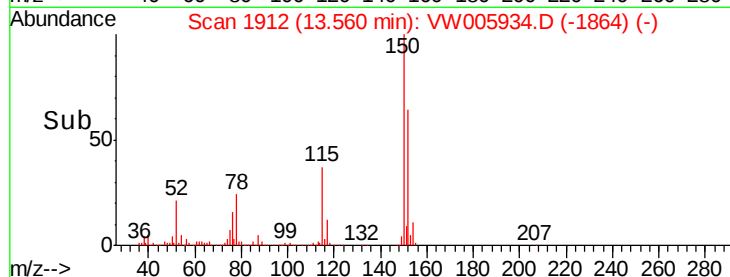
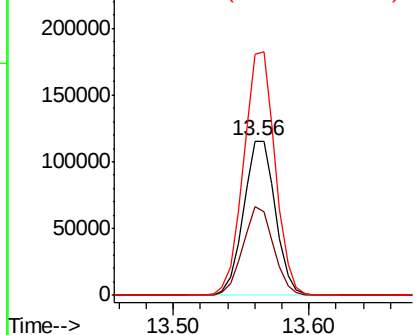
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.3	85.0
150	156.3	0.0	349.2



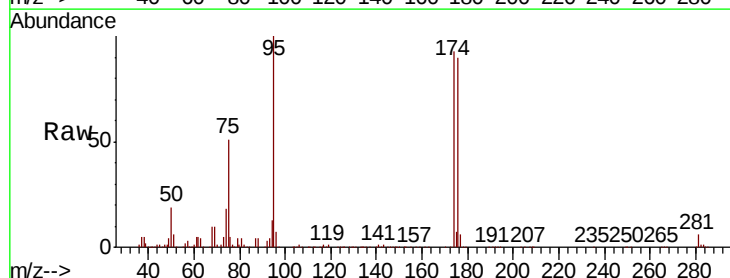
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



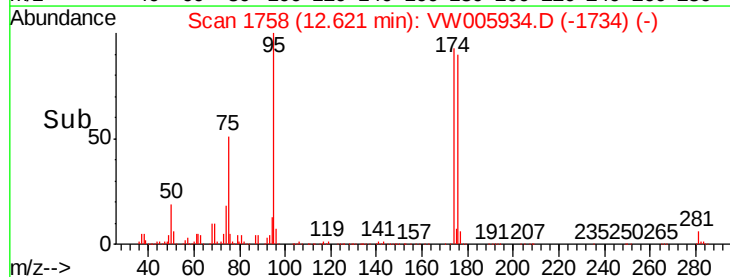
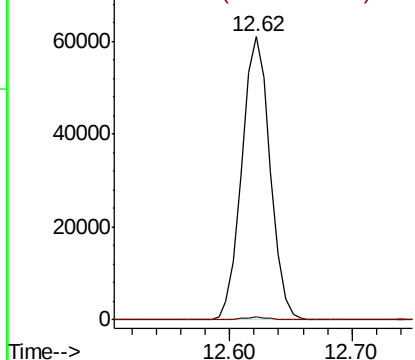
#76

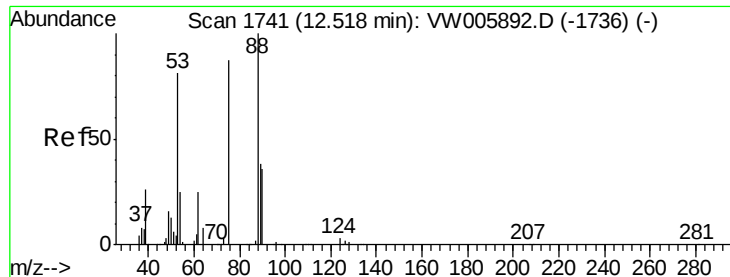
1,2,3-Trichloropropane
Concen: 57.896 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005934.D
Acq: 09 Oct 2018 10:04

Tgt 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: 122.225 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005934.D

Acq: 09 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

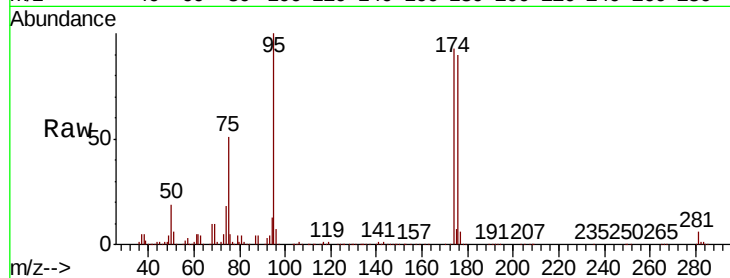
Tot Ion: 75 Resp: 97710

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



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

