

Data File : VW005924.D
Acq On : 09 Oct 2018 05:46
Operator : SY/AP
Sample : J5306-08
Misc : 6.77G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-20-V

Quant Time: Oct 09 08:16:08 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	245330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	77232	32.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.86%	
35) Dibromofluoromethane	7.88	113	78531	32.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.46%	
50) Toluene-d8	10.33	98	259255	28.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.16%	
62) 4-Bromofluorobenzene	12.62	95	95569	27.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.42%	

Target Compounds

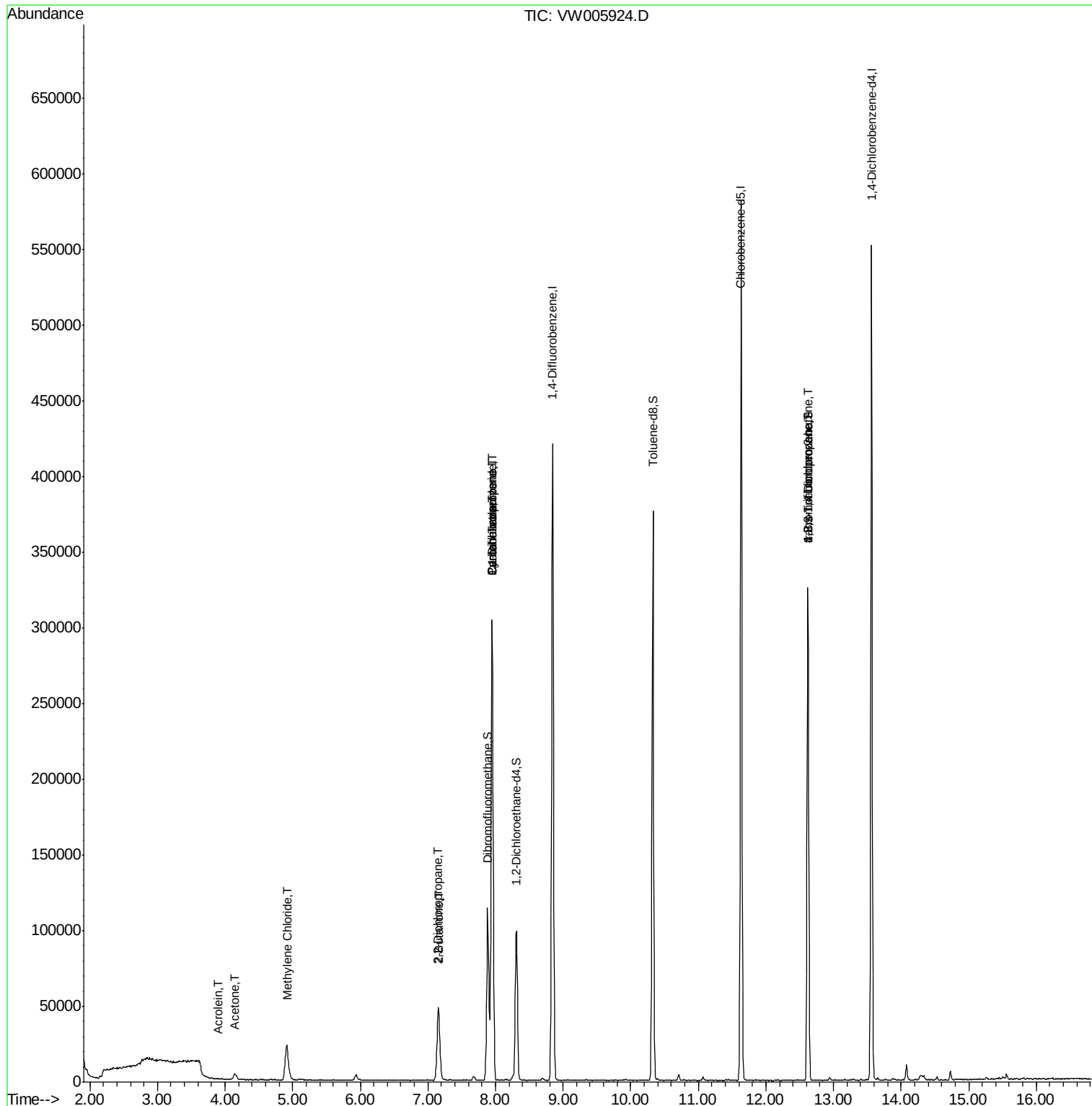
						Qvalue
13) Acrolein	3.90	56	254	1.633	ug/l #	54
16) Acetone	4.15	43	8007	16.832	ug/l	100
20) Methylene Chloride	4.91	84	19523	8.191	ug/l	95
25) 2-Butanone	7.15	43	2408	3.559	ug/l #	75
26) 2,2-Dichloropropane	7.15	77	3631	1.225	ug/l #	52
31) Cyclohexane	7.95	56	4952	1.188	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	16548	4.595	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22211	5.741	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	49300	36.198	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49300	76.417	ug/l #	11

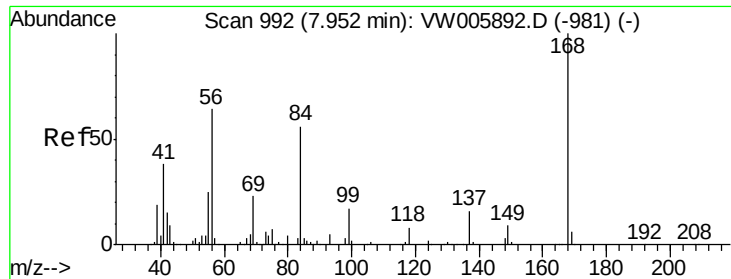
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

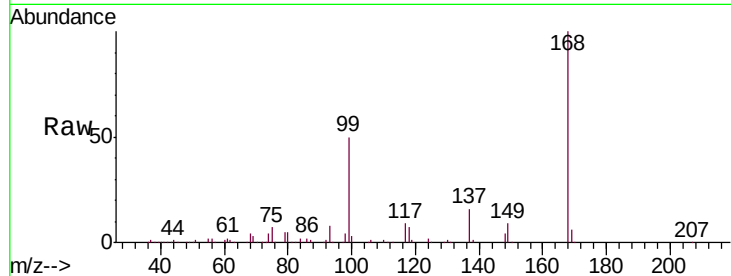
S-20-V

Tgt Ion:168 Resp: 245330

Ion Ratio Lower Upper

168 100

99 50.3 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

120000

100000

80000

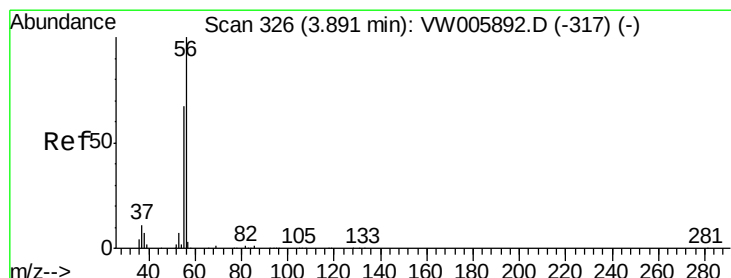
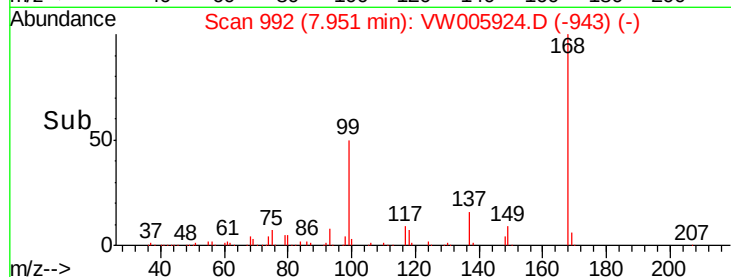
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 1.633 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005924.D

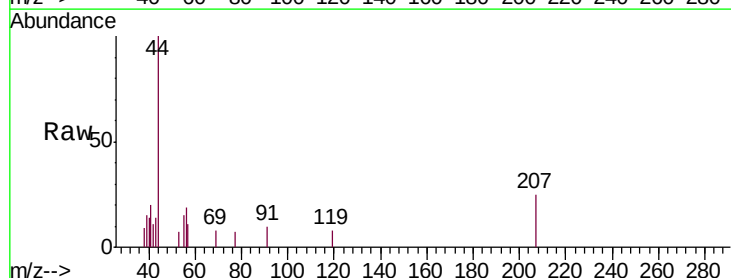
Acq: 09 Oct 2018 05:46

Tgt Ion: 56 Resp: 254

Ion Ratio Lower Upper

56 100

55 30.7 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

200

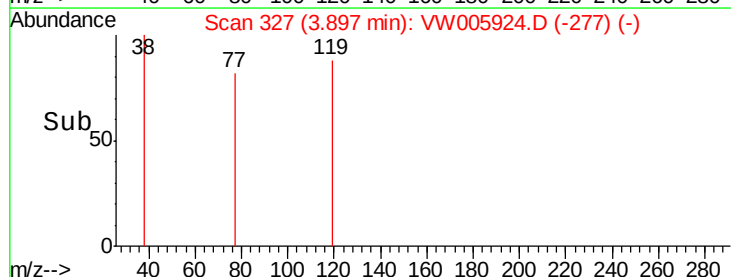
150

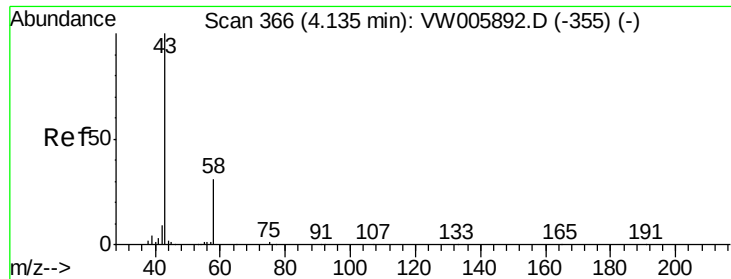
100

50

0

Time-->





#16

Acetone

Concen: 16.832 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

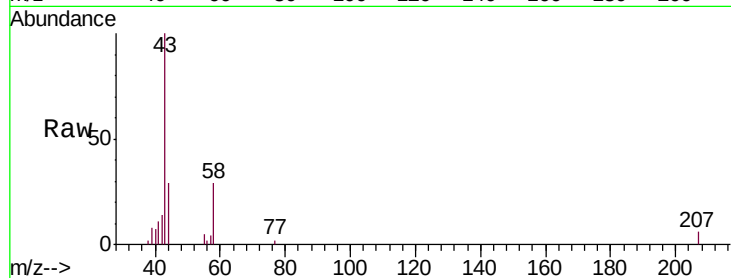
S-20-V

Tgt Ion: 43 Resp: 8007

Ion Ratio Lower Upper

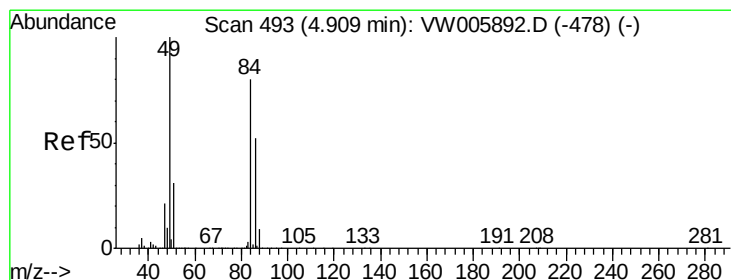
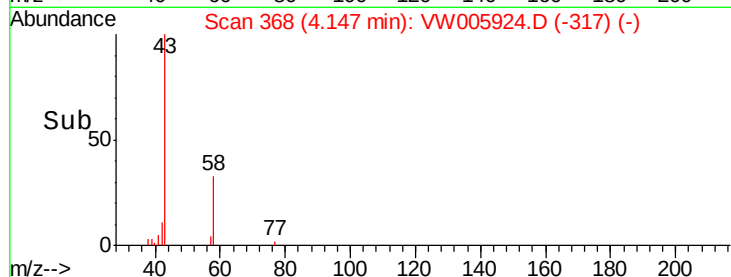
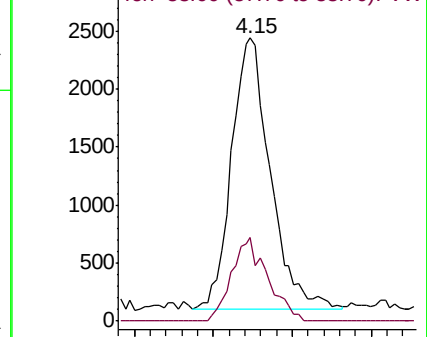
43 100

58 30.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 8.191 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Tgt Ion: 84 Resp: 19523

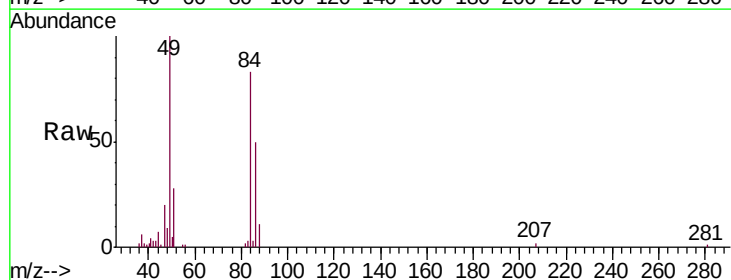
Ion Ratio Lower Upper

84 100

49 120.6 99.9 149.9

51 34.2 31.1 46.7

86 60.8 51.8 77.6

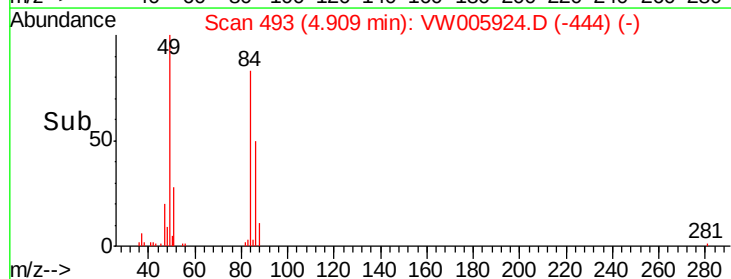
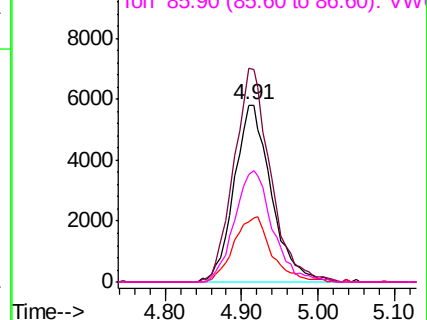


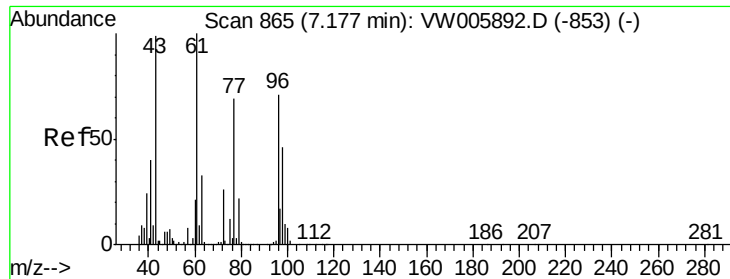
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 3.559 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

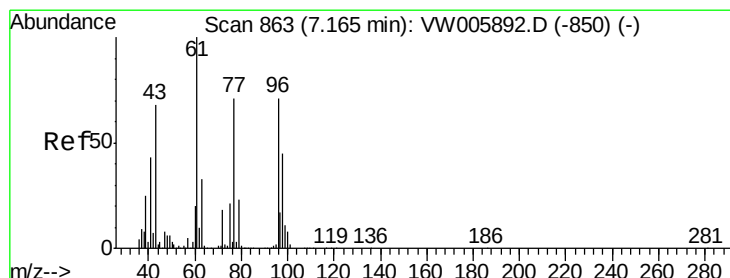
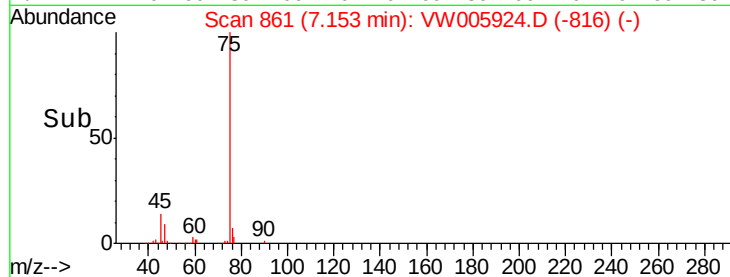
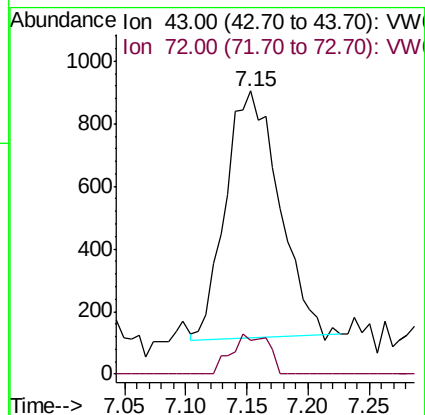
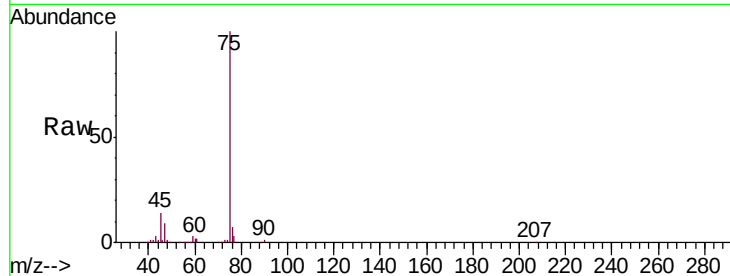
S-20-V

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

43 100

72 13.6 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.225 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW005924.D

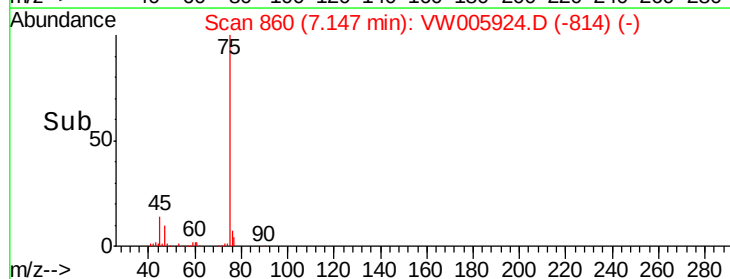
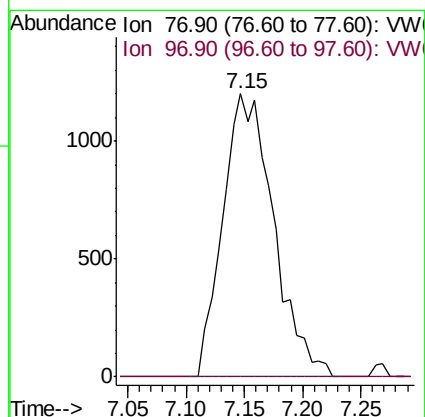
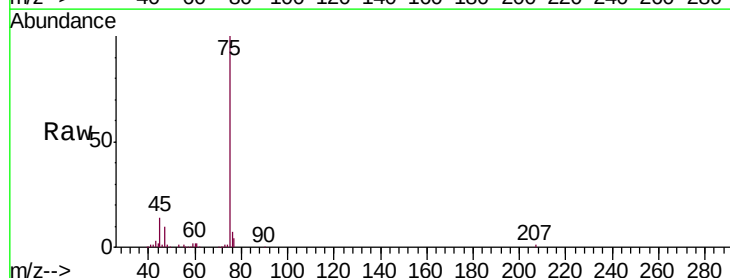
Acq: 09 Oct 2018 05:46

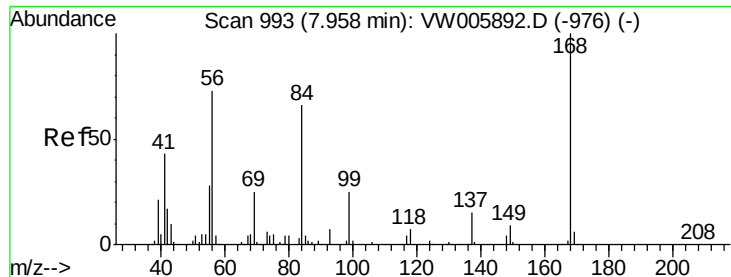
Tgt Ion: 77 Resp: 3631

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

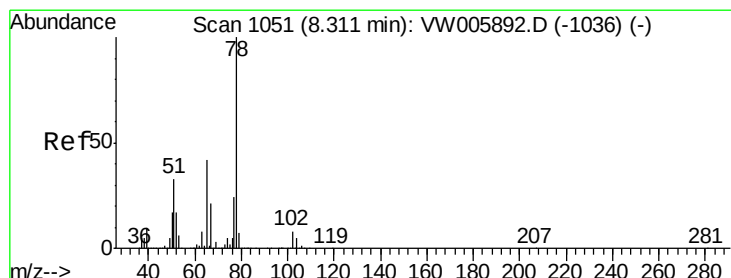
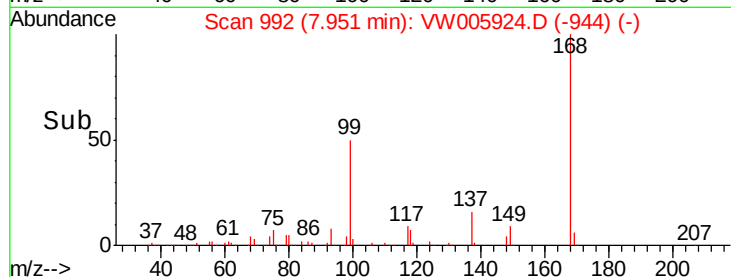
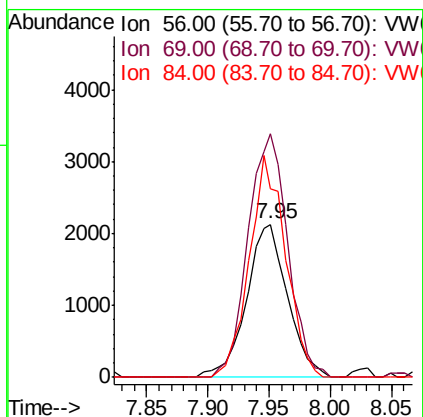
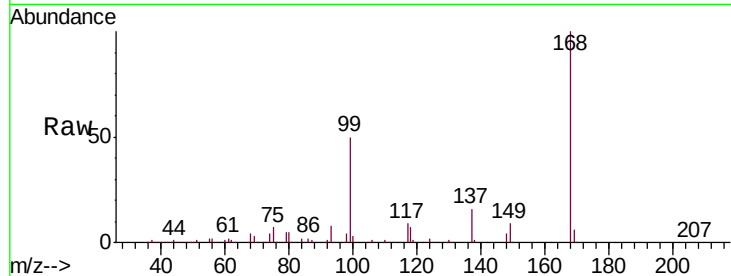




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005924.D
Acq: 09 Oct 2018 05:46

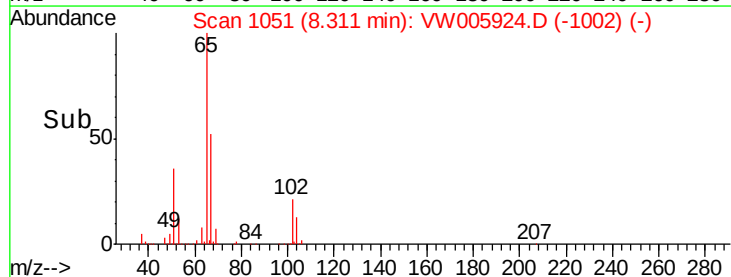
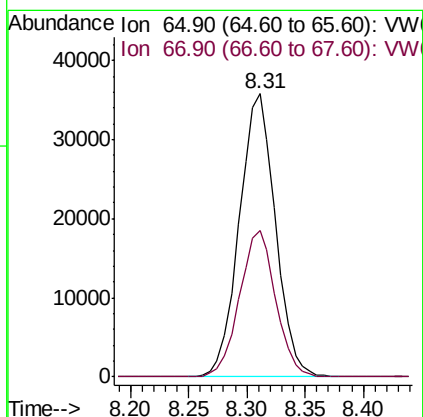
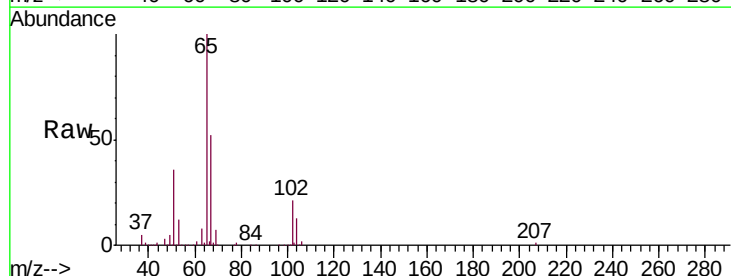
Instrument :
MSVOA_W
ClientSampled :
S-20-V

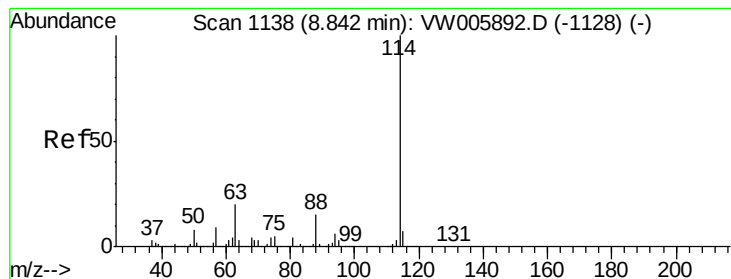
Tgt Ion: 56 Resp: 4952
Ion Ratio Lower Upper
56 100
69 159.3 27.9 41.9#
84 123.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 32.429 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005924.D
Acq: 09 Oct 2018 05:46

Tgt Ion: 65 Resp: 77232
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

S-20-V

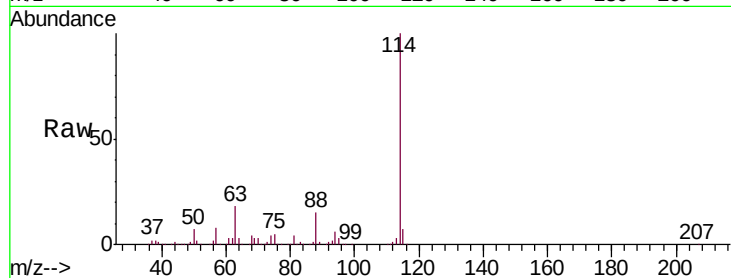
Tgt Ion:114 Resp: 375830

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

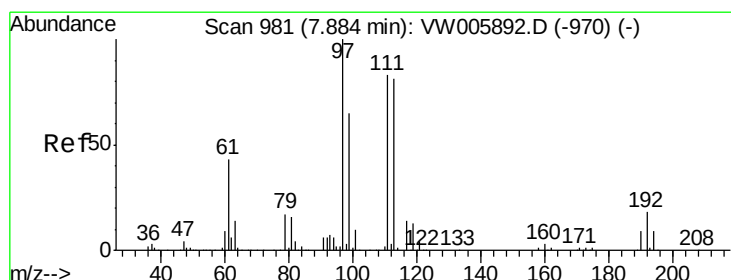
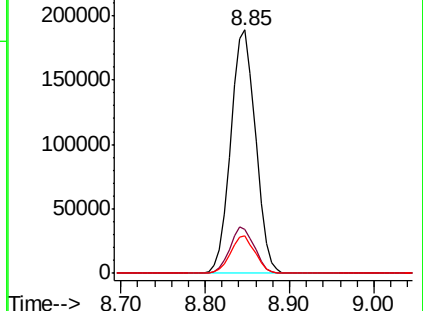
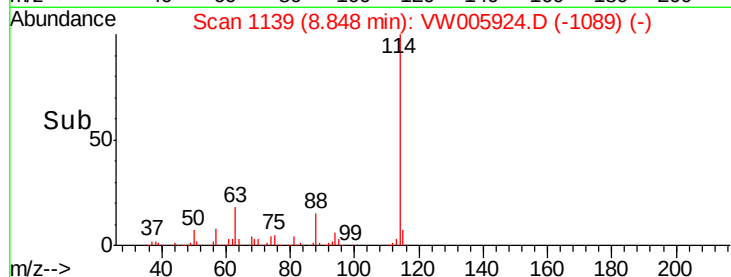
88 15.2 0.0 30.8



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: 32.728 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

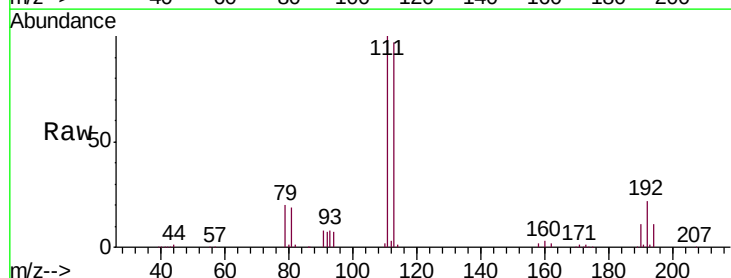
Tgt Ion:113 Resp: 78531

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

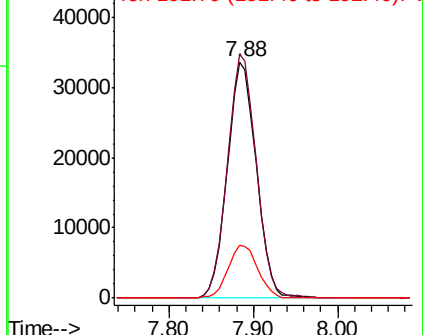
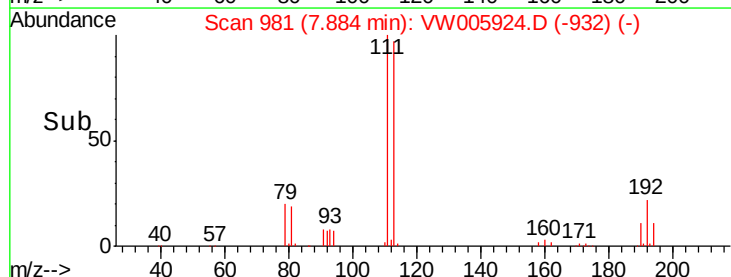
192 22.8 18.3 27.5

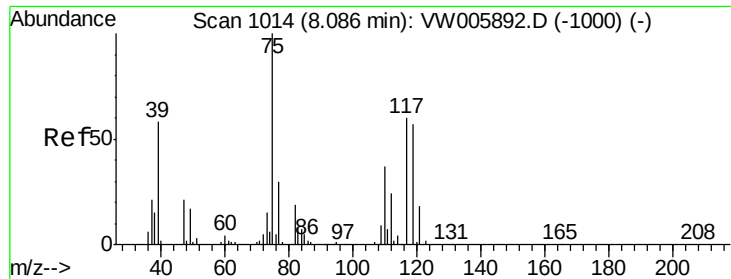


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

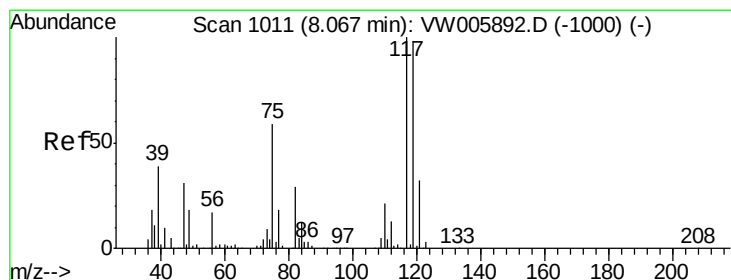
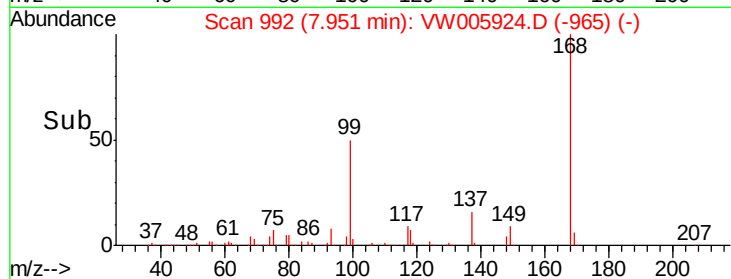
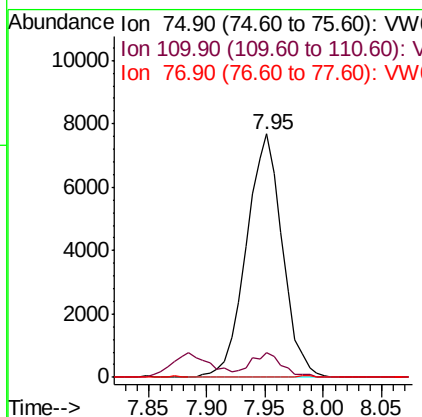
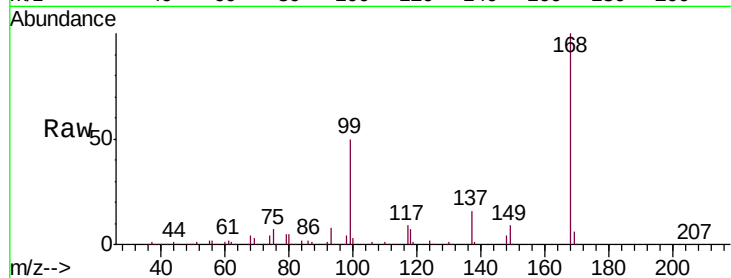




#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005924.D
 Acq: 09 Oct 2018 05:46

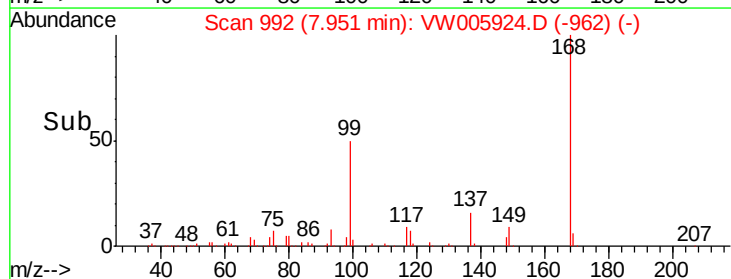
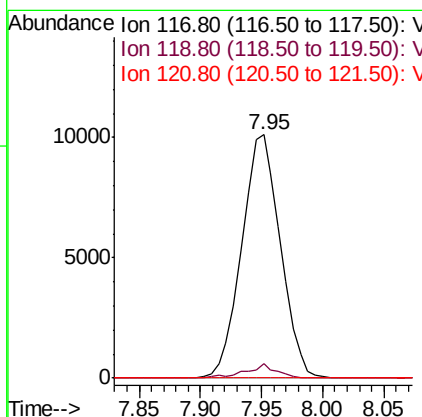
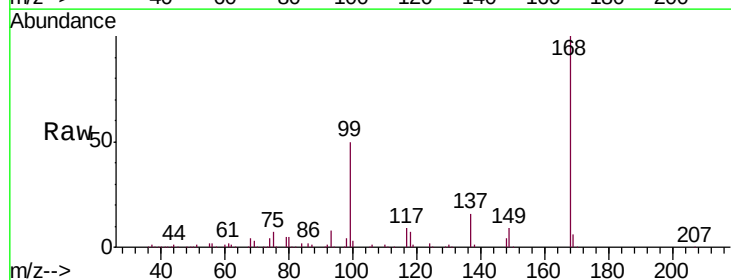
Instrument :
 MSVOA_W
 ClientSampleId :
 S-20-V

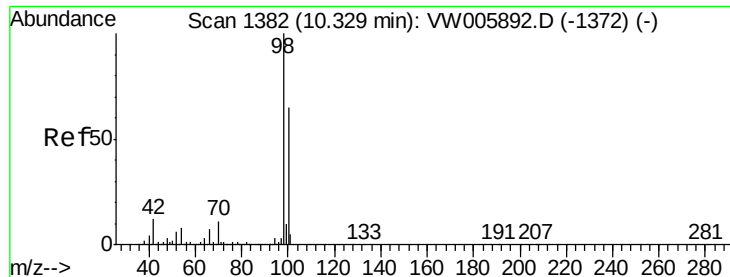
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.741 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005924.D
 Acq: 09 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 28.082 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

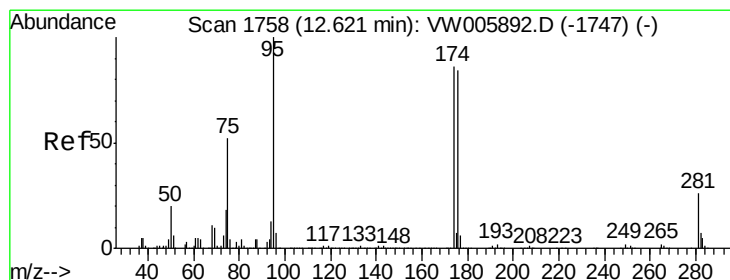
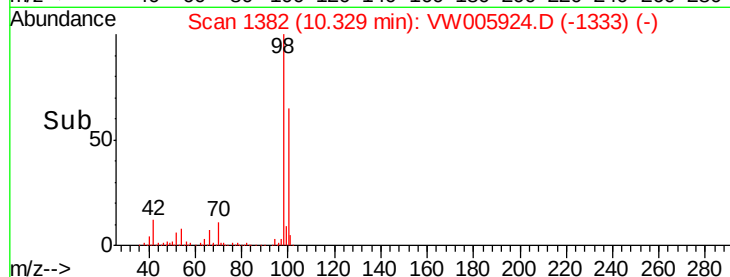
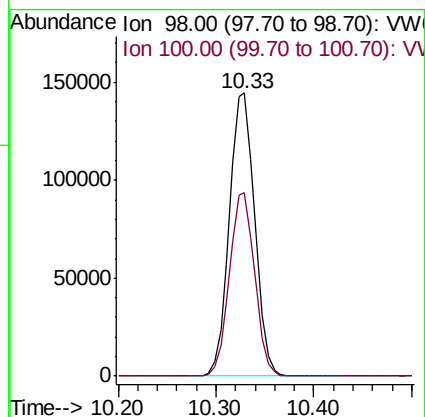
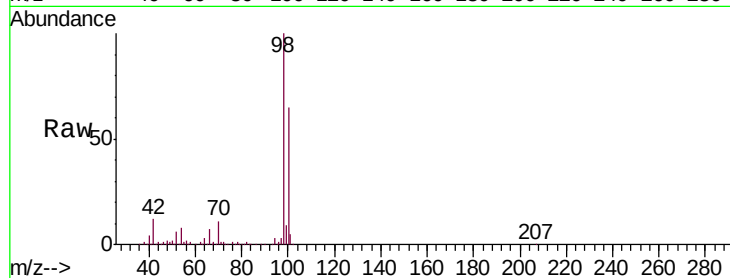
S-20-V

Tgt Ion: 98 Resp: 259255

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.209 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005924.D

Acq: 09 Oct 2018 05:46

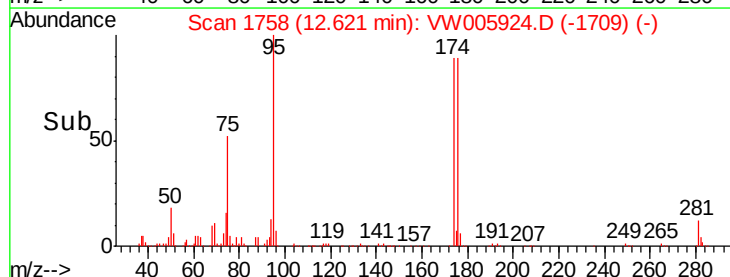
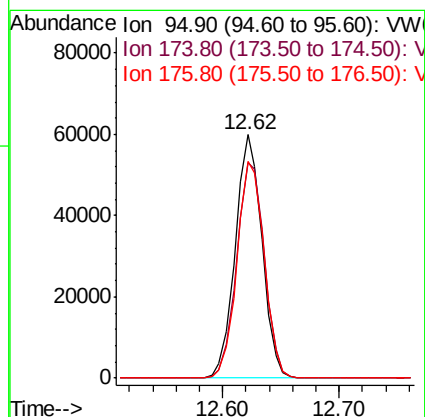
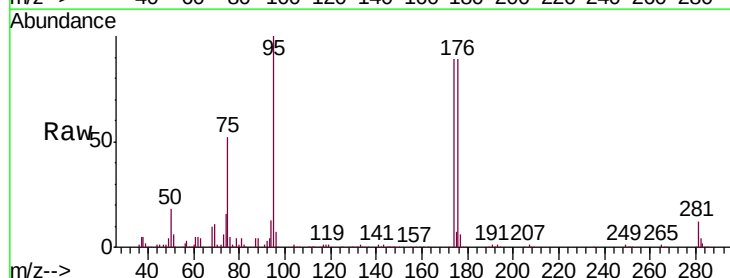
Tgt Ion: 95 Resp: 95569

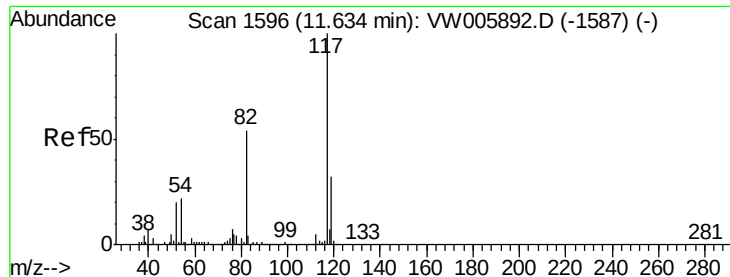
Ion Ratio Lower Upper

95 100

174 92.3 0.0 176.4

176 90.9 0.0 173.0

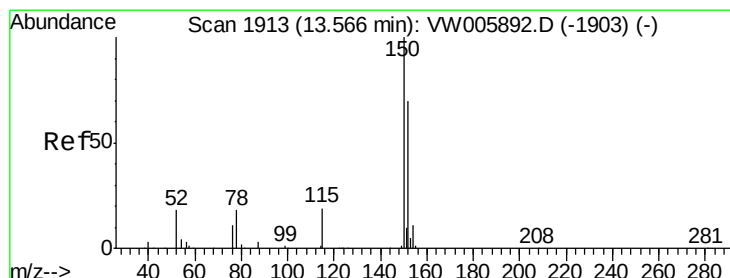
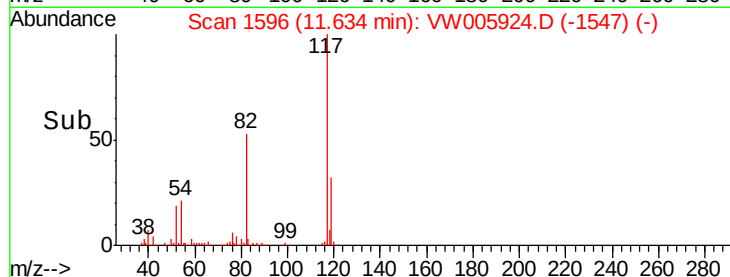
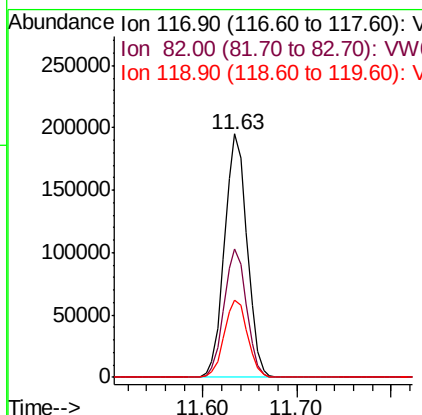
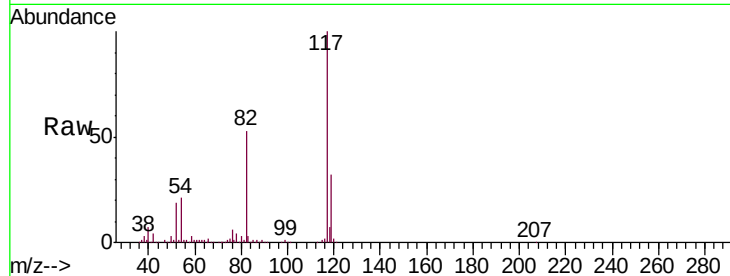




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005924.D
Acq: 09 Oct 2018 05:46

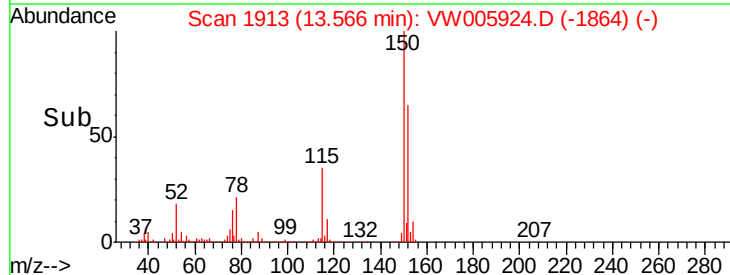
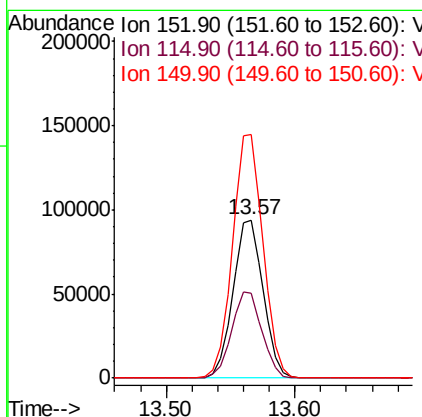
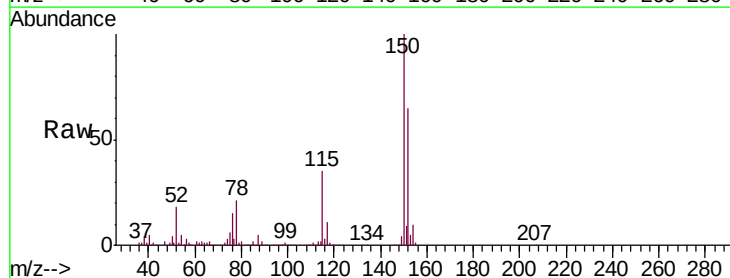
Instrument :
MSVOA_W
ClientSampled :
S-20-V

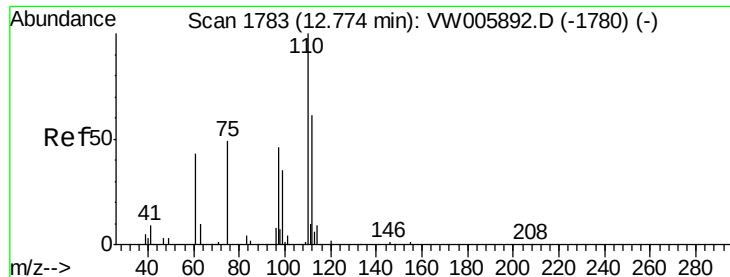
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.5	65.3
119	31.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005924.D
Acq: 09 Oct 2018 05:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.3	85.0
150	155.7	0.0	349.2

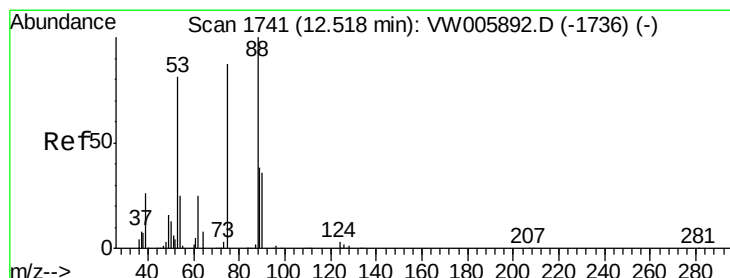
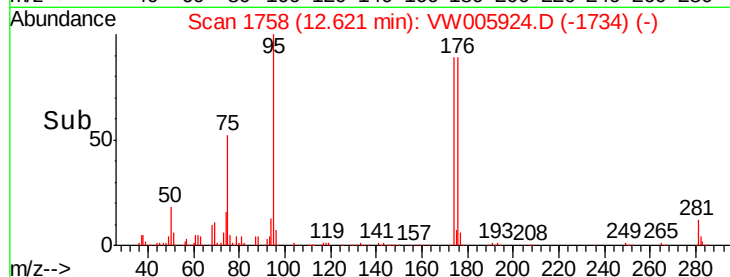
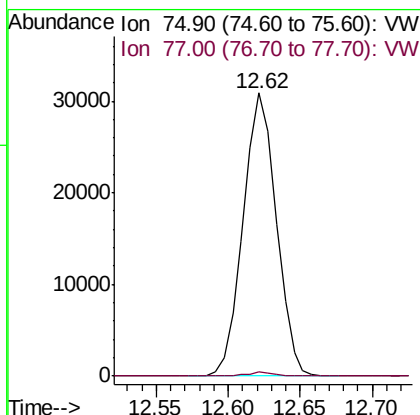
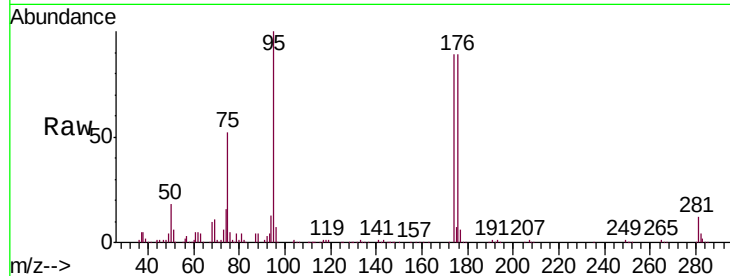




#76
 1,2,3-Trichloropropane
 Concen: 36.198 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005924.D
 Acq: 09 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampled :
 S-20-V

Tgt Ion: 75 Resp: 49300
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.417 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005924.D
 Acq: 09 Oct 2018 05:46

Tgt Ion: 75 Resp: 49300
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.1 37.6 56.4#

