

Data File : VW005925.D
Acq On : 09 Oct 2018 06:12
Operator : SY/AP
Sample : J5306-09
Misc : 5.18G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-30-V

Quant Time: Oct 09 08:16:21 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	247275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81446	33.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.86%	
35) Dibromofluoromethane	7.89	113	80584	33.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.64%	
50) Toluene-d8	10.33	98	263040	28.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.54%	
62) 4-Bromofluorobenzene	12.62	95	96197	27.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.36%	

Target Compounds

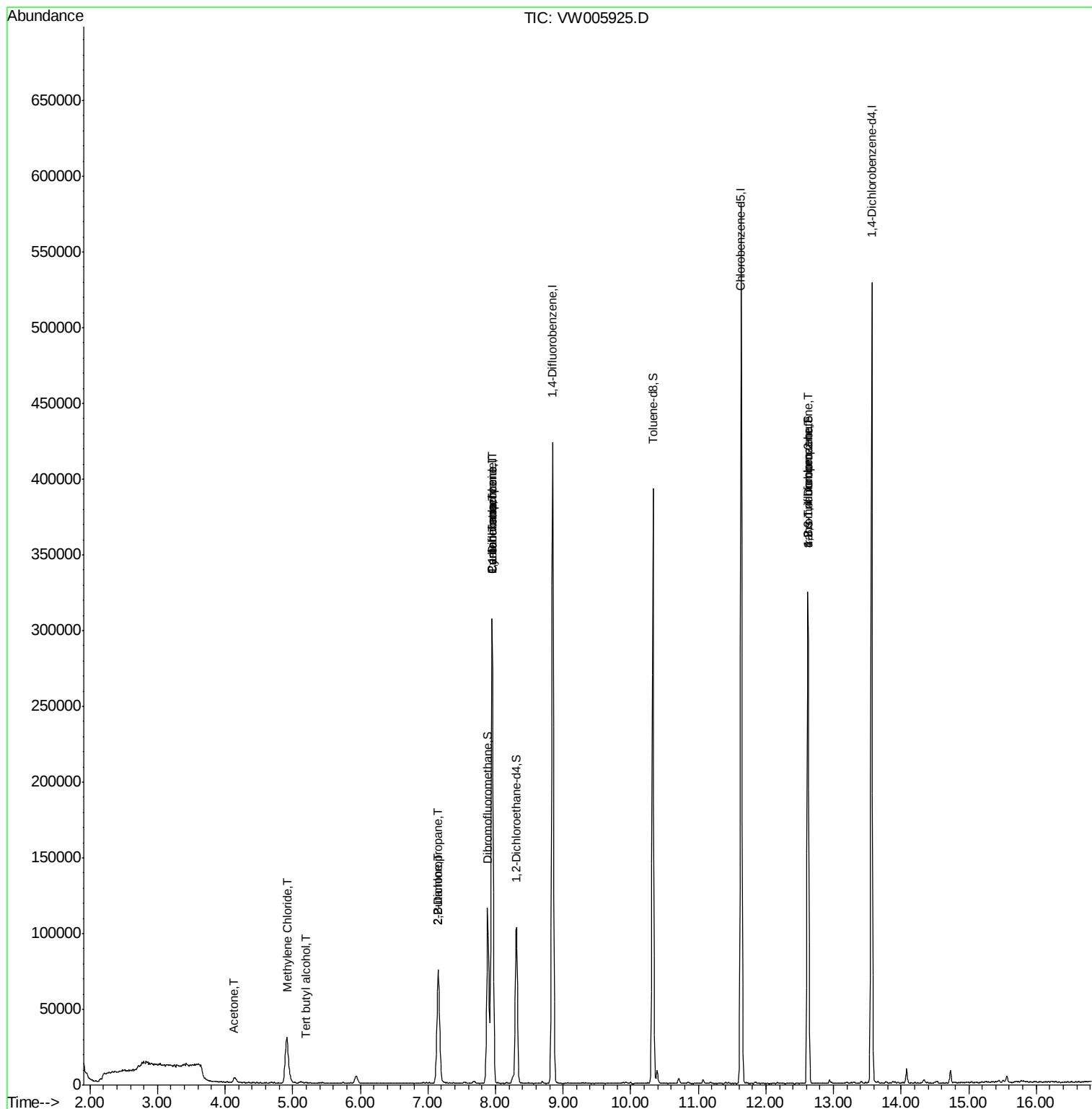
						Qvalue
11) Tert butyl alcohol	5.20	59	445	2.529	ug/l #	34
16) Acetone	4.14	43	6768	14.115	ug/l	98
20) Methylene Chloride	4.92	84	26056	10.846	ug/l	94
25) 2-Butanone	7.15	43	3936	5.771	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	5256	1.759	ug/l #	52
31) Cyclohexane	7.95	56	4823	1.148	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	16500	4.547	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21907	5.618	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	48895	37.167	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48895	78.464	ug/l #	11

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

Data File : VW005925.D
Acq On : 09 Oct 2018 06:12
Operator : SY/AP
Sample : J5306-09
Misc : 5.18G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-30-V

Quant Time: Oct 09 08:16:21 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

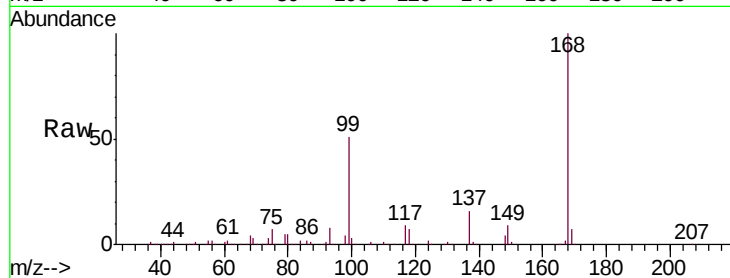
S-30-V

Tgt Ion:168 Resp: 247275

Ion Ratio Lower Upper

168 100

99 51.1 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

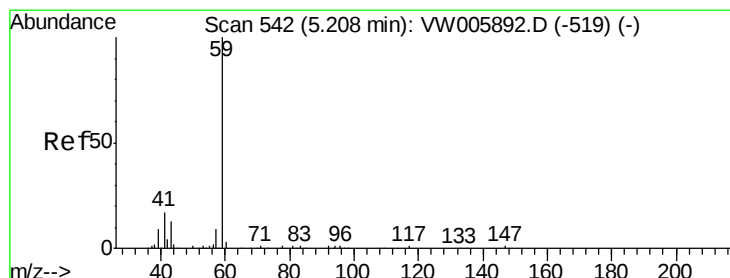
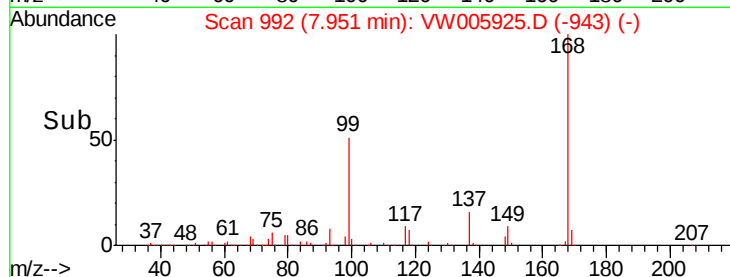
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.529 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW005925.D

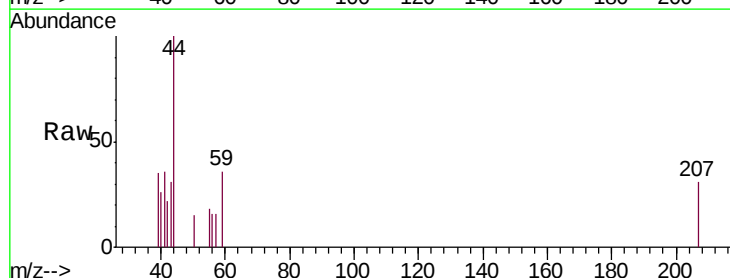
Acq: 09 Oct 2018 06:12

Tgt Ion: 59 Resp: 445

Ion Ratio Lower Upper

59 100

57 33.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

300

250

200

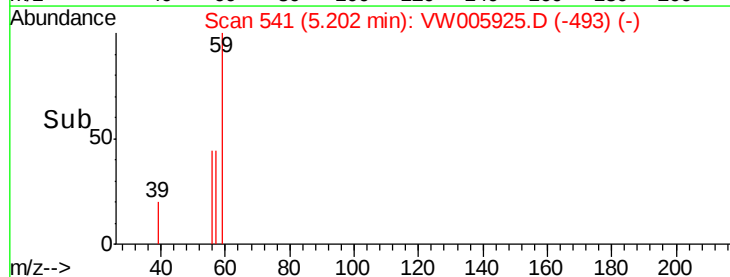
150

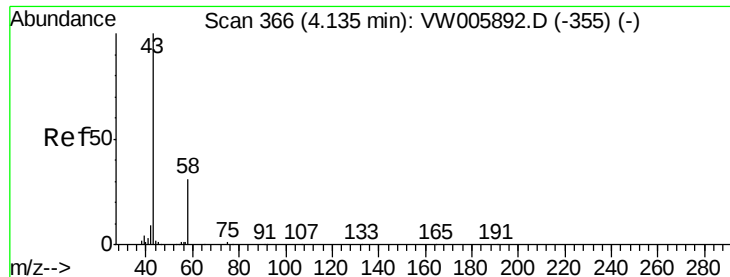
100

50

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 14.115 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

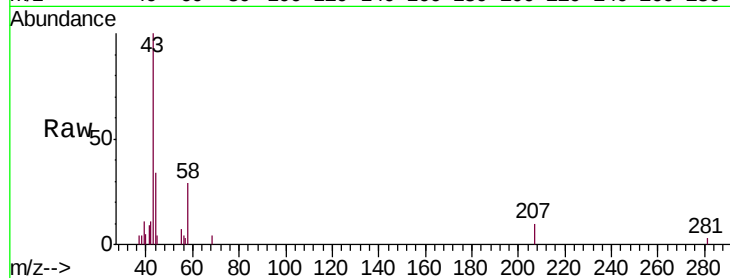
S-30-V

Tgt Ion: 43 Resp: 6768

Ion Ratio Lower Upper

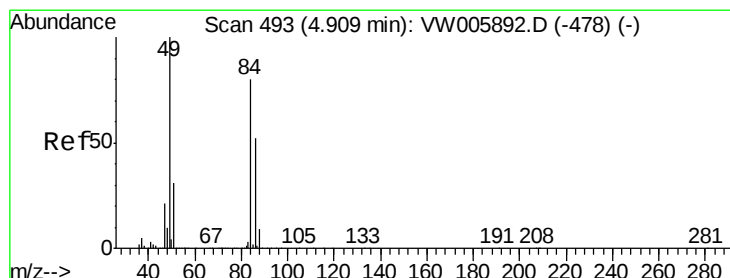
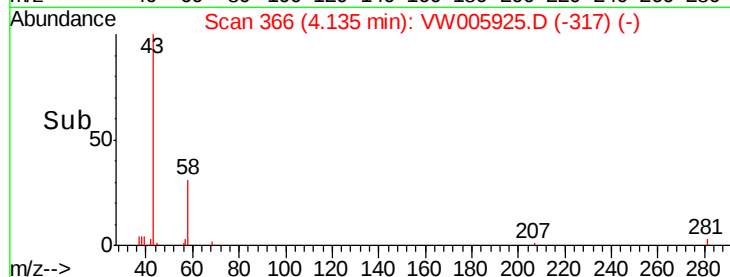
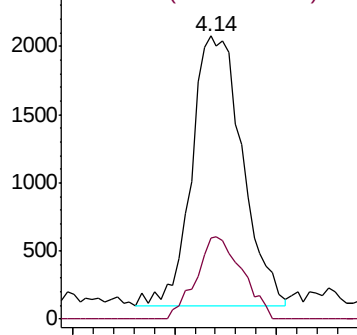
43 100

58 30.0 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: 10.846 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Tgt Ion: 84 Resp: 26056

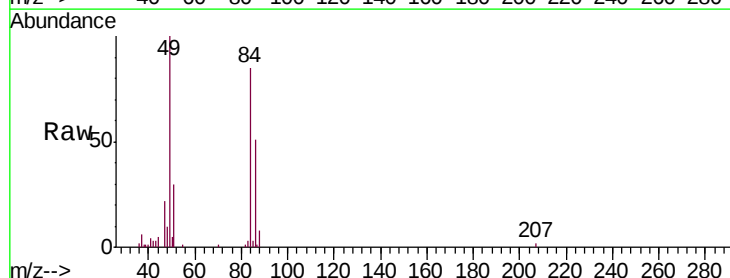
Ion Ratio Lower Upper

84 100

49 118.0 99.9 149.9

51 35.9 31.1 46.7

86 60.3 51.8 77.6

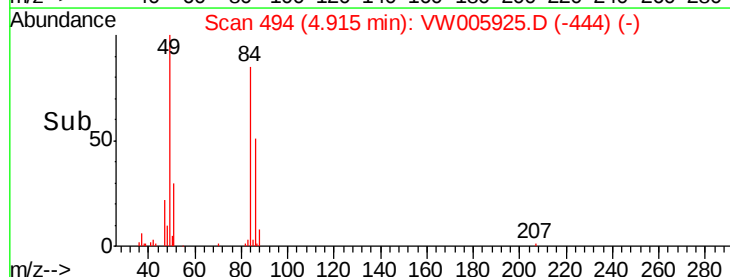
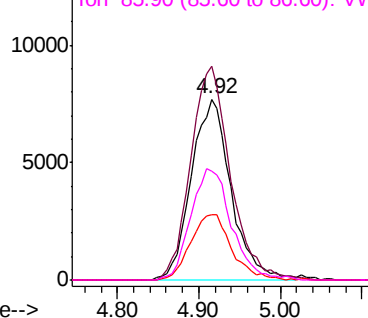


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 5.771 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

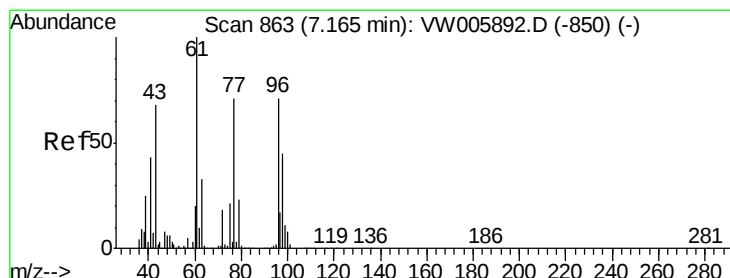
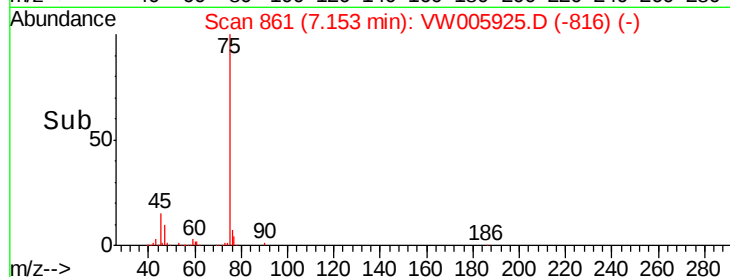
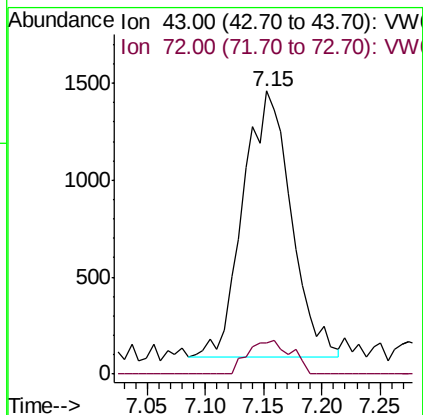
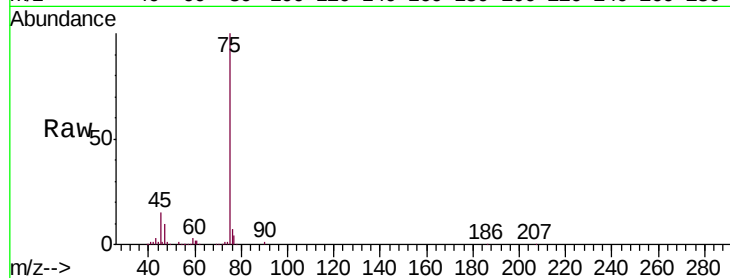
S-30-V

Tgt Ion: 43 Resp: 3936

Ion Ratio Lower Upper

43 100

72 11.9 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.759 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW005925.D

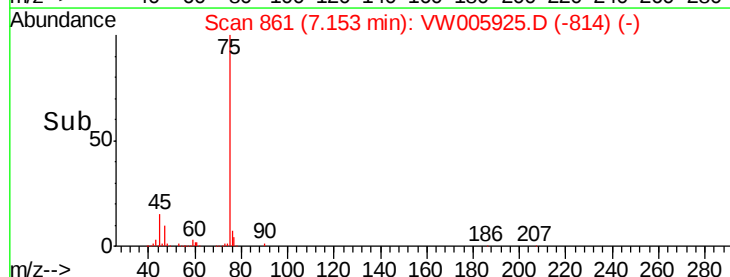
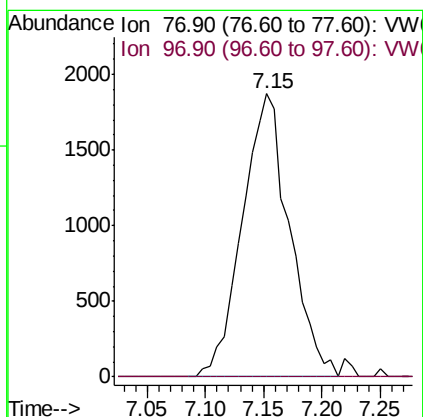
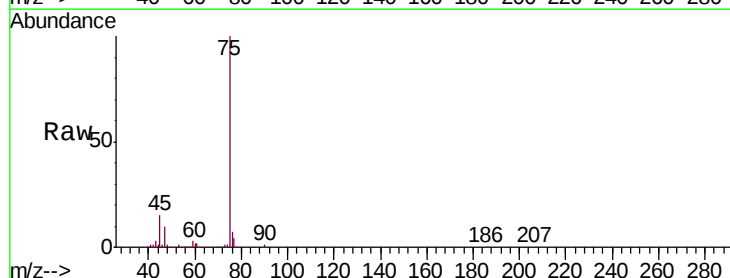
Acq: 09 Oct 2018 06:12

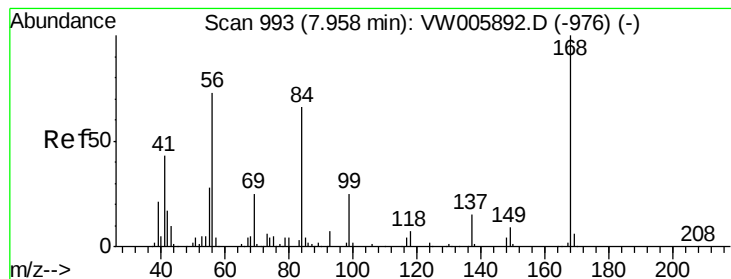
Tgt Ion: 77 Resp: 5256

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

S-30-V

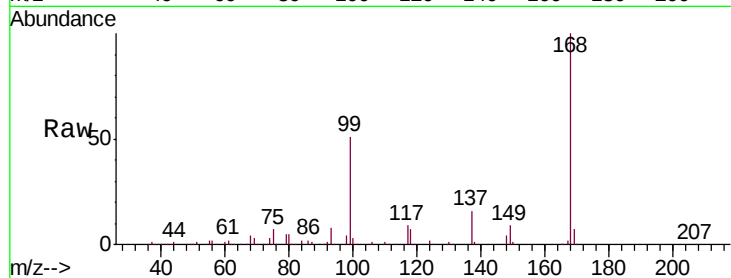
Tgt Ion: 56 Resp: 4823

Ion Ratio Lower Upper

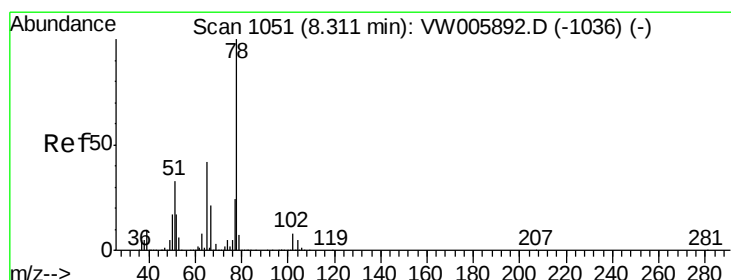
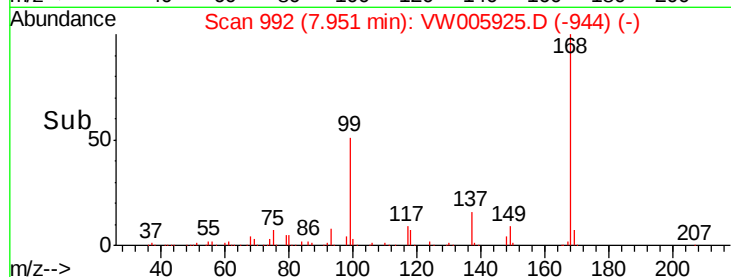
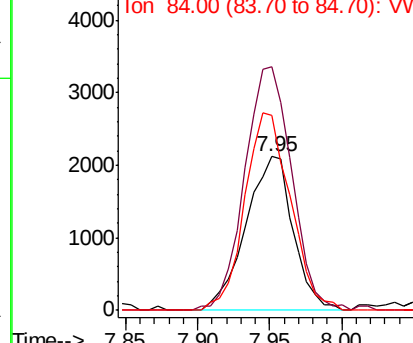
56 100

69 158.2 27.9 41.9#

84 126.9 72.3 108.5#



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: 33.929 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005925.D

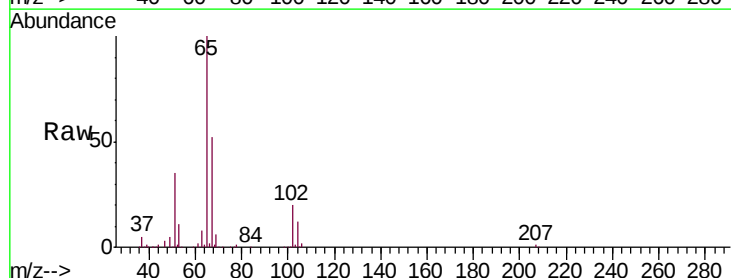
Acq: 09 Oct 2018 06:12

Tgt Ion: 65 Resp: 81446

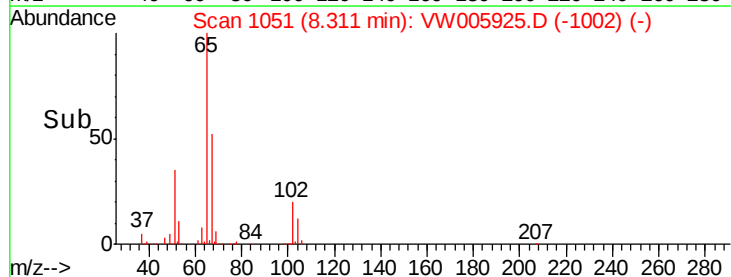
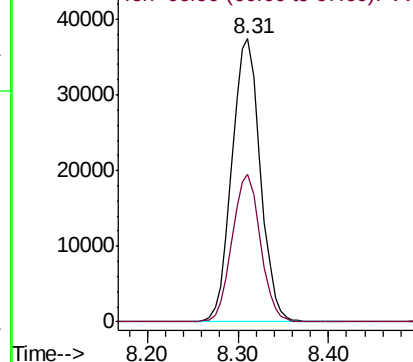
Ion Ratio Lower Upper

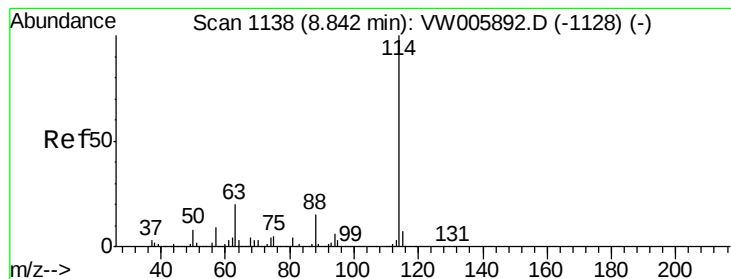
65 100

67 52.1 0.0 104.6



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

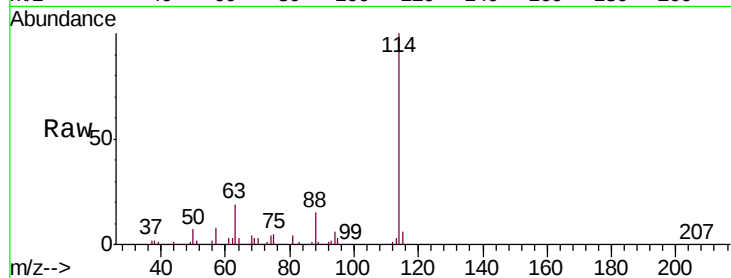
Tgt Ion:114 Resp: 378751

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

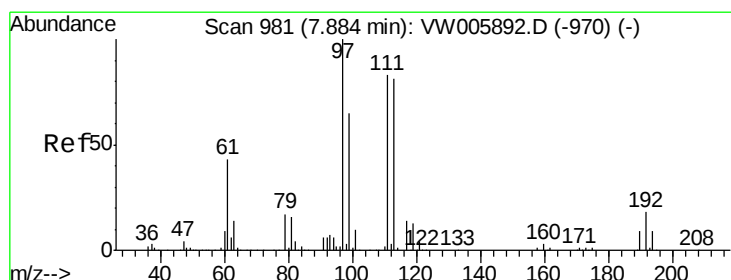
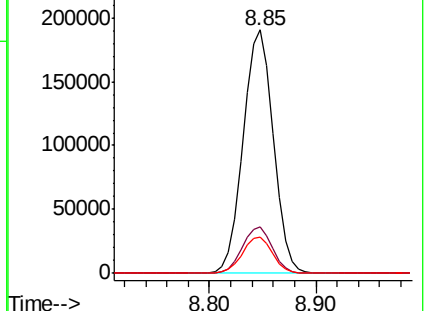
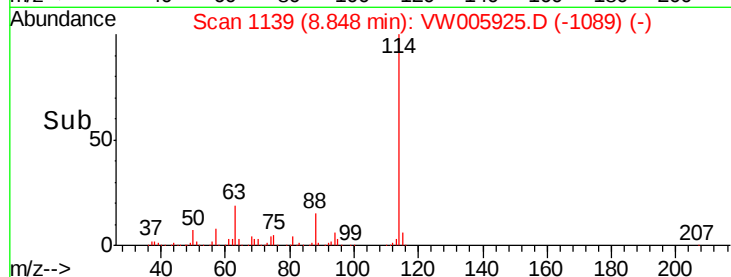
88 15.0 0.0 30.8



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: 33.324 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

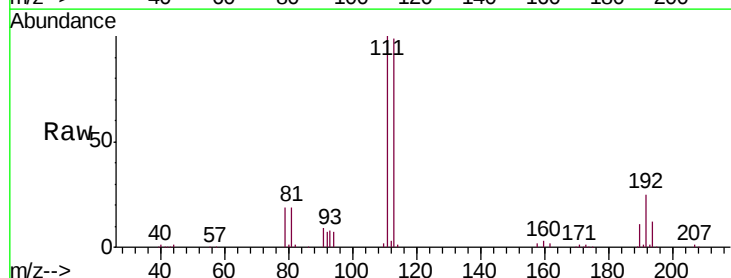
Tgt Ion:113 Resp: 80584

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

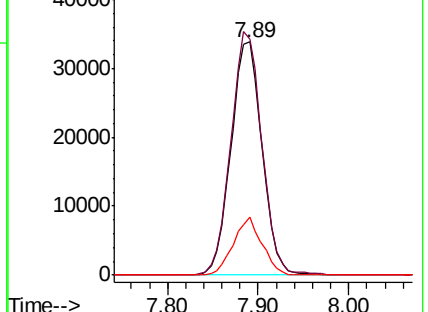
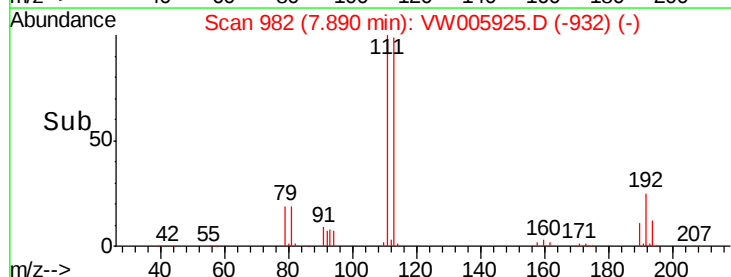
192 22.9 18.3 27.5

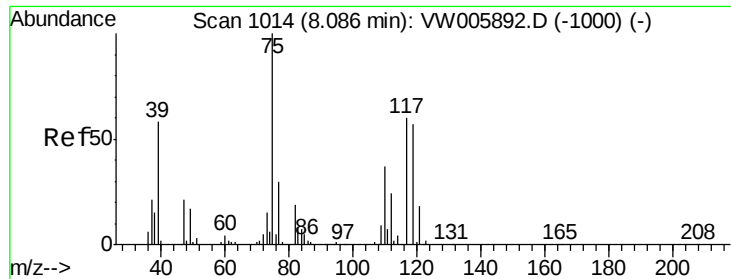


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

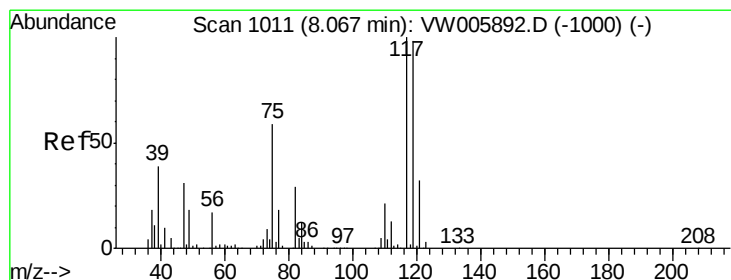
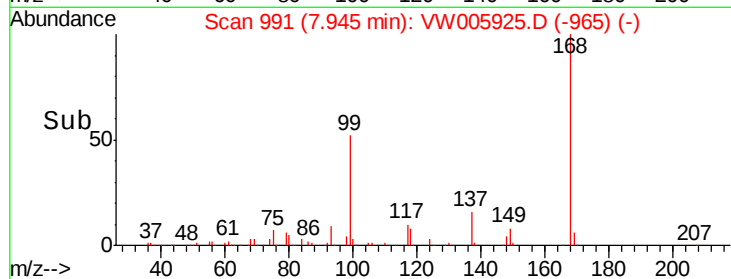
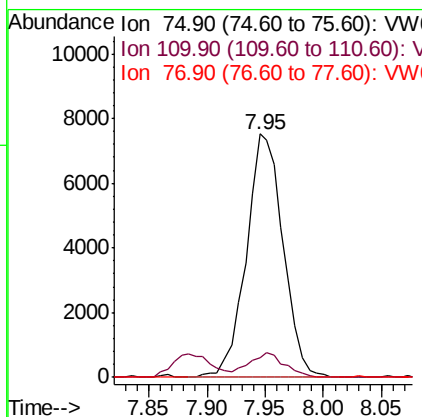
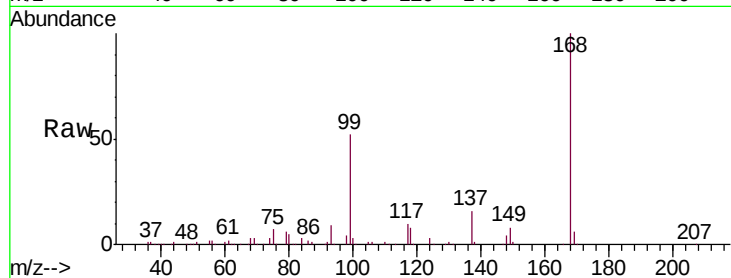




#36
 1,1-Dichloropropene
 Concen: 4.547 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

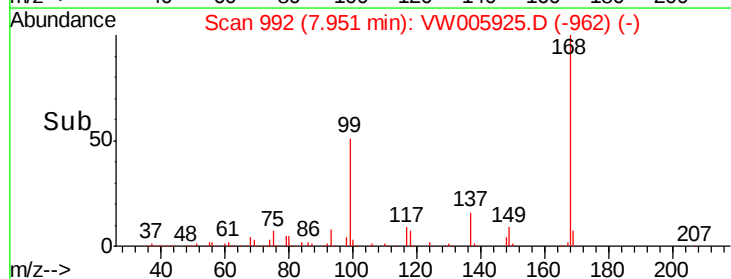
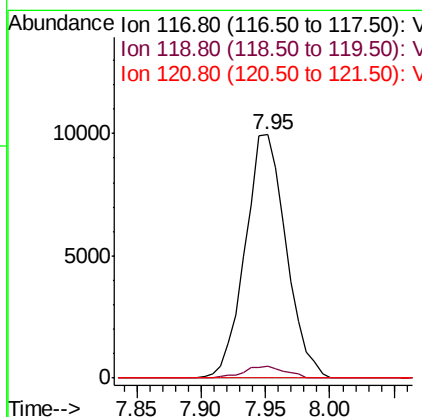
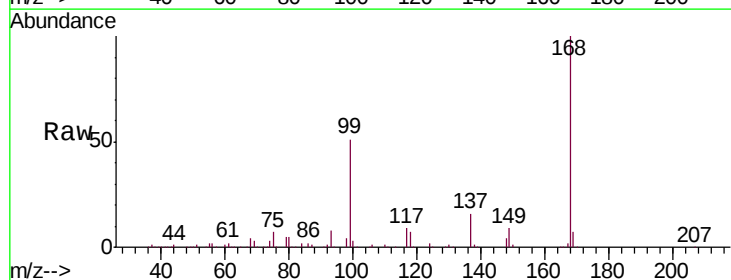
Instrument :
 MSVOA_W
 ClientSampleId :
 S-30-V

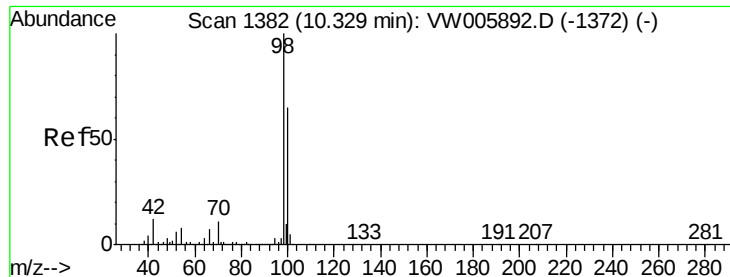
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.618 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 28.273 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

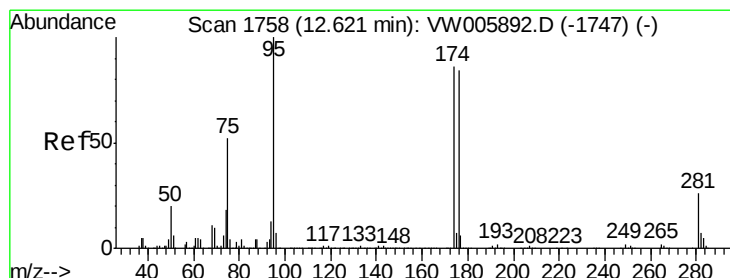
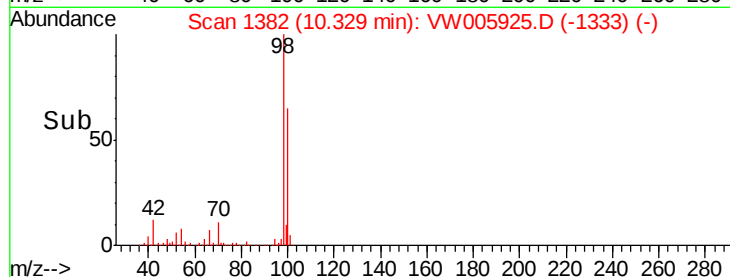
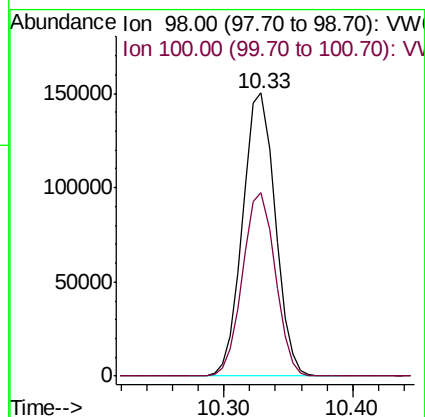
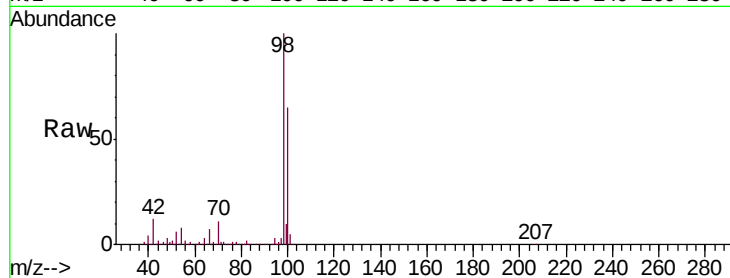
S-30-V

Tgt Ion: 98 Resp: 263040

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005925.D

Acq: 09 Oct 2018 06:12

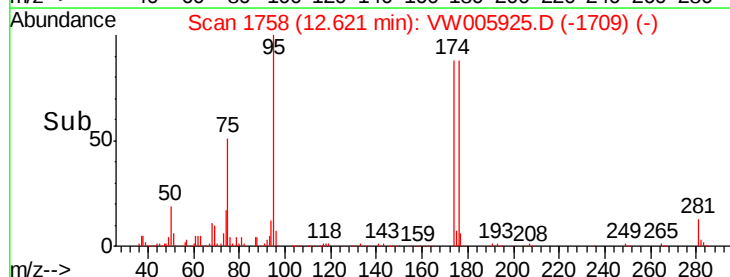
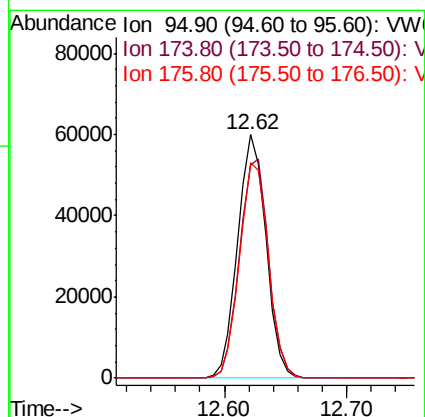
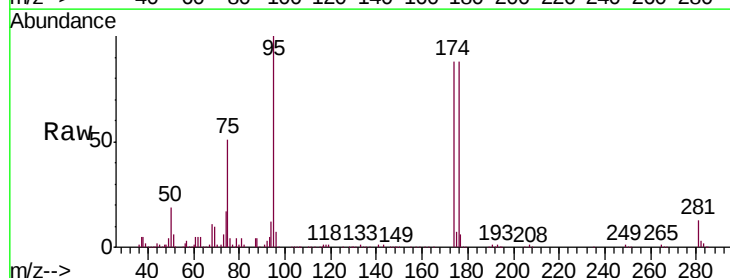
Tgt Ion: 95 Resp: 96197

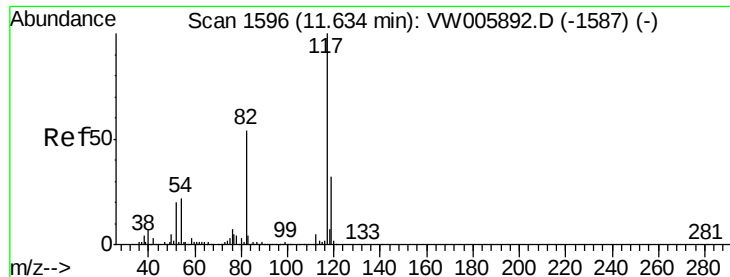
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 90.1 0.0 173.0

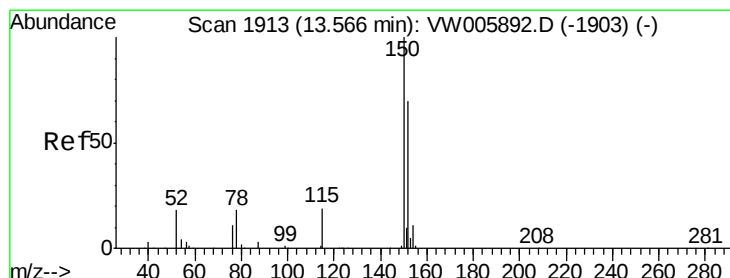
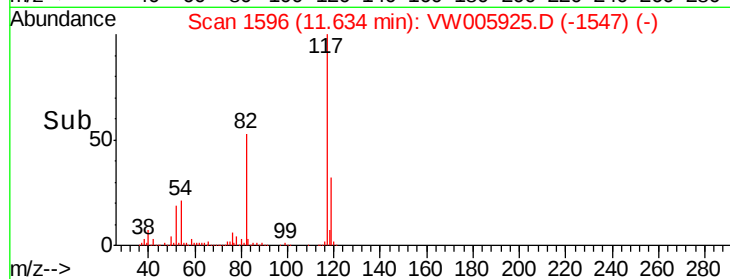
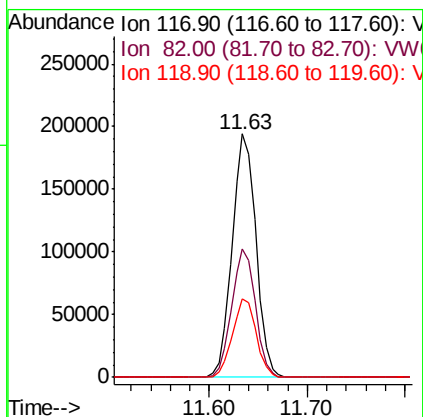
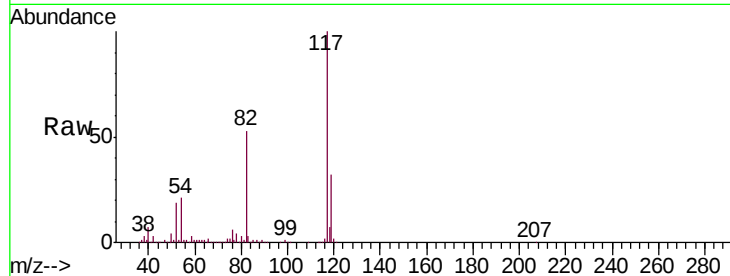




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005925.D
Acq: 09 Oct 2018 06:12

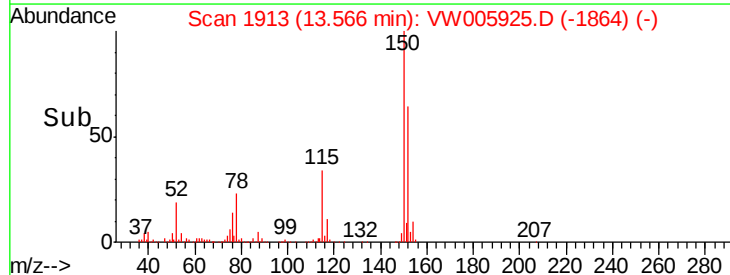
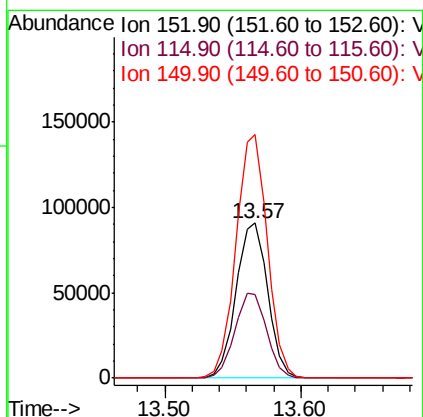
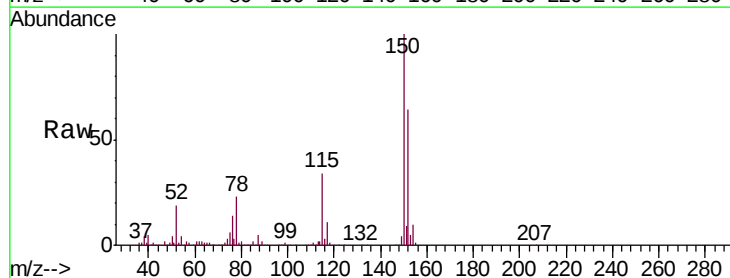
Instrument :
MSVOA_W
ClientSampled :
S-30-V

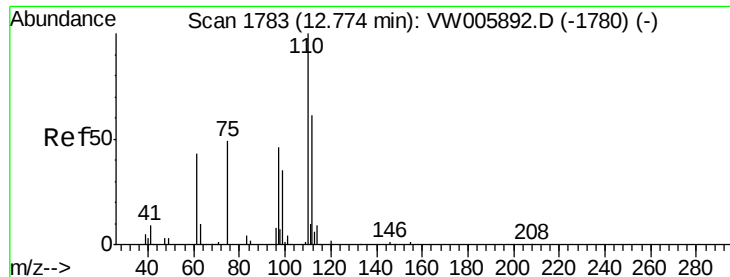
Tgt Ion:117 Resp: 327847
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005925.D
Acq: 09 Oct 2018 06:12

Tgt Ion:152 Resp: 147271
Ion Ratio Lower Upper
152 100
115 54.8 28.3 85.0
150 155.5 0.0 349.2

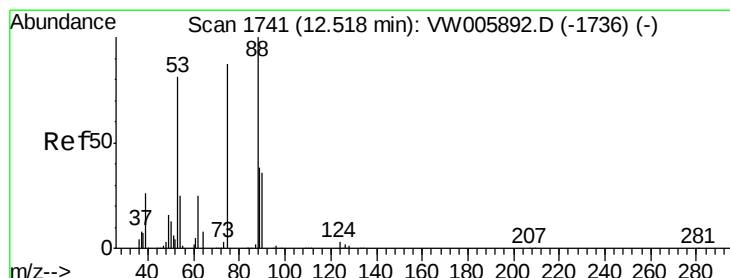
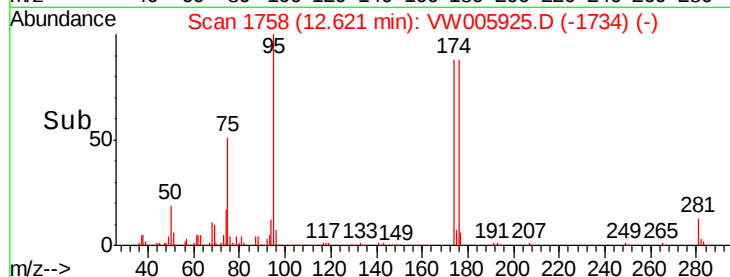
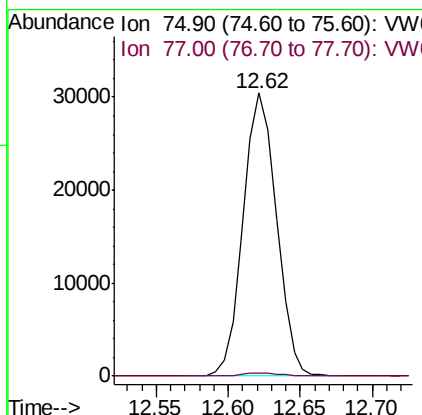
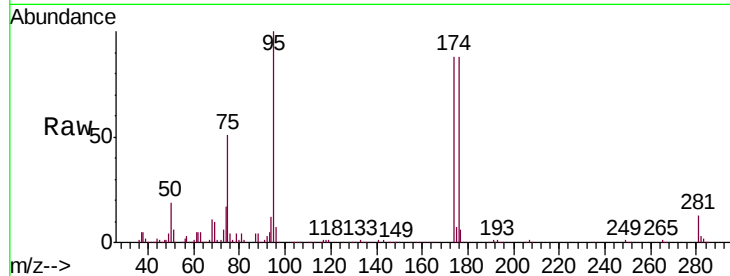




#76
 1,2,3-Trichloropropane
 Concen: 37.167 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-30-V

Tgt Ion: 75 Resp: 48895
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.464 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005925.D
 Acq: 09 Oct 2018 06:12

Tgt Ion: 75 Resp: 48895
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.1 37.6 56.4#

