

Data File : VW005921.D
Acq On : 09 Oct 2018 04:29
Operator : SY/AP
Sample : J5306-05
Misc : 6.81G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-26-V

Quant Time: Oct 09 06:17:37 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	243188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78801	33.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.76%	
35) Dibromofluoromethane	7.88	113	80857	33.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.26%	
50) Toluene-d8	10.33	98	261961	28.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.64%	
62) 4-Bromofluorobenzene	12.62	95	98994	28.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.26%	

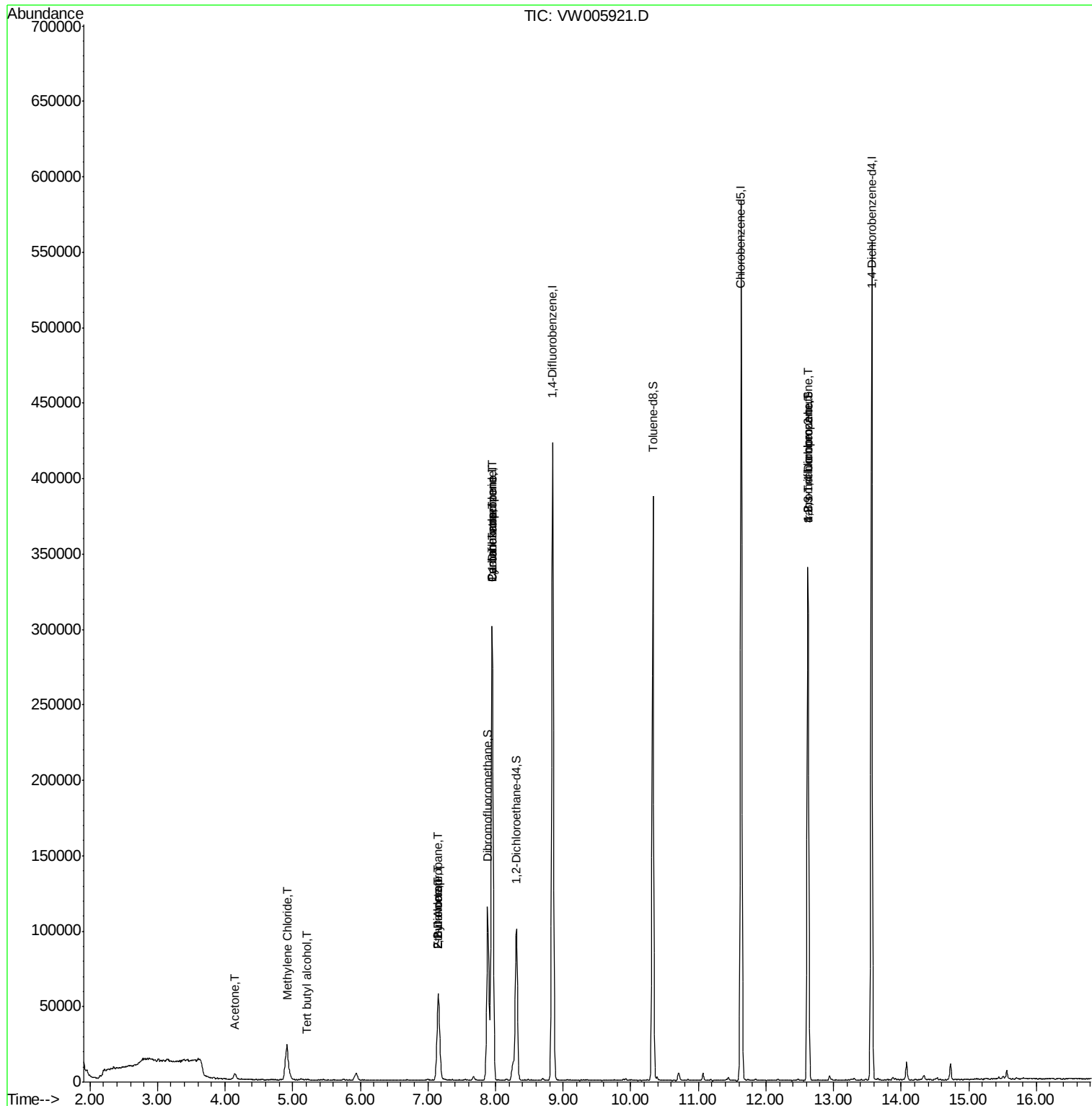
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.21	59	398	2.300	ug/l #	43
16) Acetone	4.15	43	7210	15.290	ug/l	89
20) Methylene Chloride	4.92	84	19021	8.051	ug/l	92
25) 2-Butanone	7.15	43	2896	4.318	ug/l #	83
26) 2,2-Dichloropropane	7.15	77	4304	1.464	ug/l #	52
31) Cyclohexane	7.95	56	5140	1.244	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	16677	4.622	ug/l #	50
37) Ethyl Acetate	7.15	43	2927	1.915	ug/l #	1
38) Carbon Tetrachloride	7.95	117	21944	5.660	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	50092	36.344	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50092	76.726	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: VW005921.D

Acq: 09 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

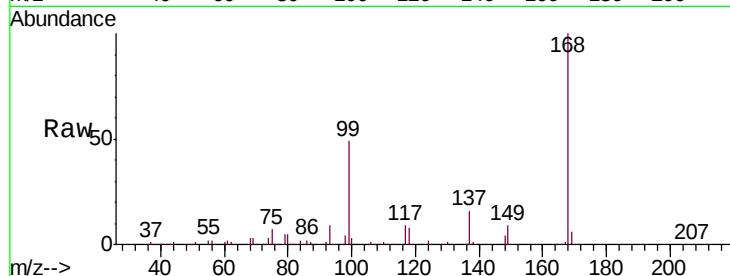
S-26-V

Tgt Ion:168 Resp: 243188

Ion Ratio Lower Upper

168 100

99 48.7 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

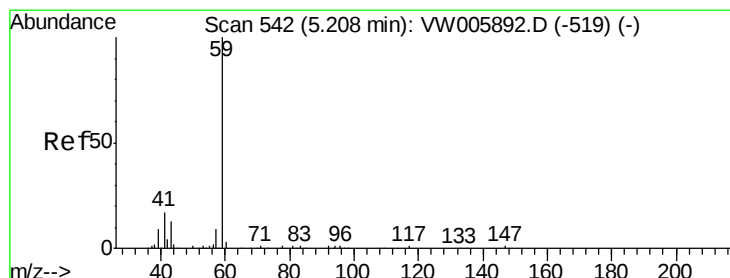
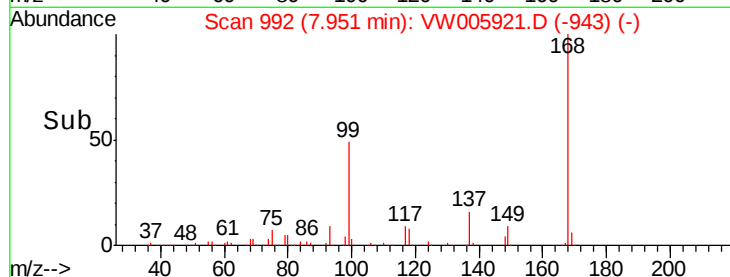
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.300 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.00 min

Lab File: VW005921.D

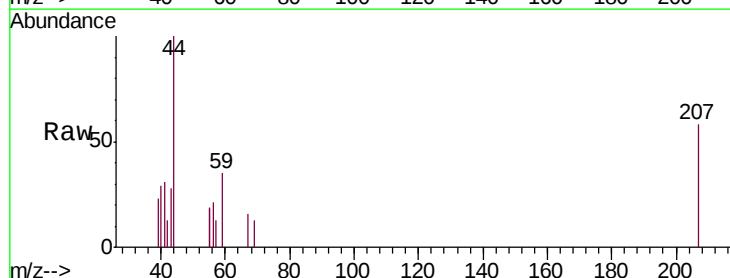
Acq: 09 Oct 2018 04:29

Tgt Ion: 59 Resp: 398

Ion Ratio Lower Upper

59 100

57 30.4 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

200

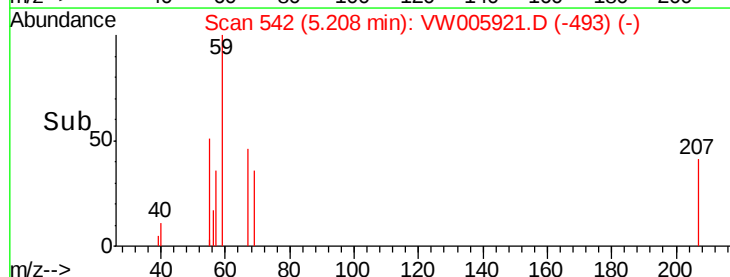
150

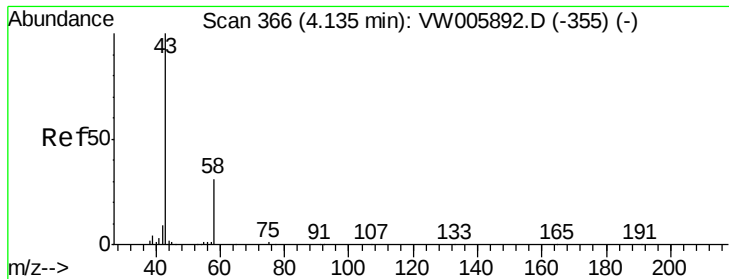
100

50

0

Time--> 5.20 5.25

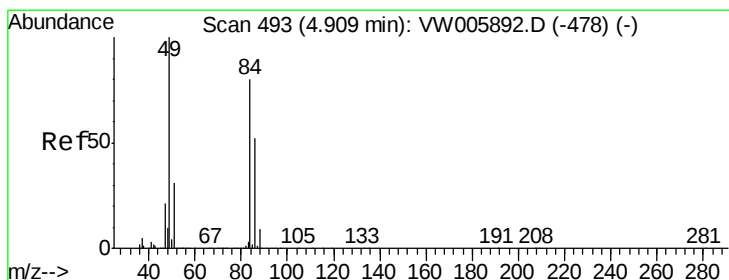
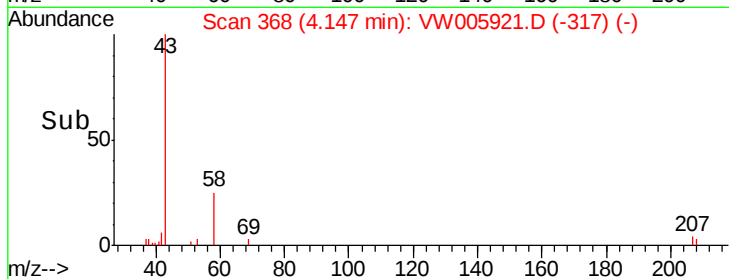
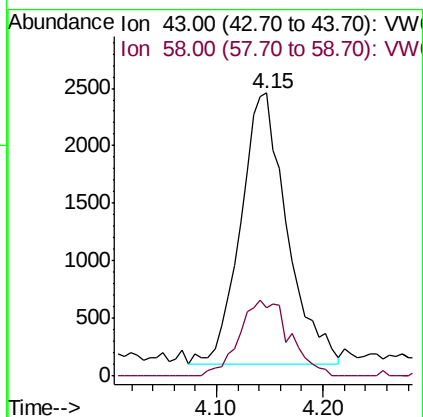
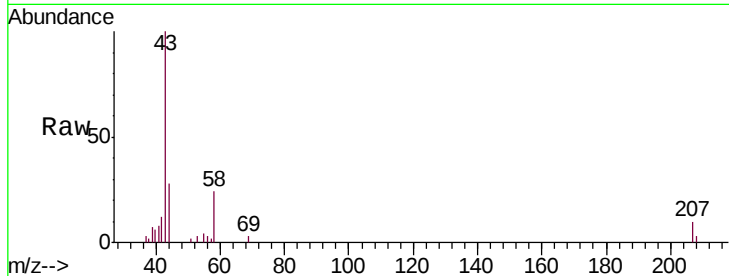




#16
Acetone
Concen: 15.290 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

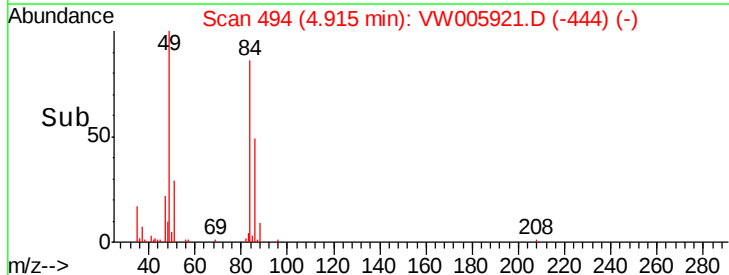
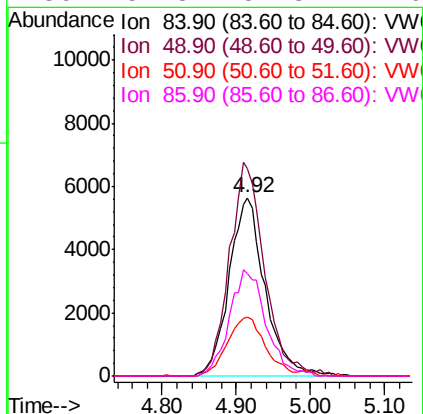
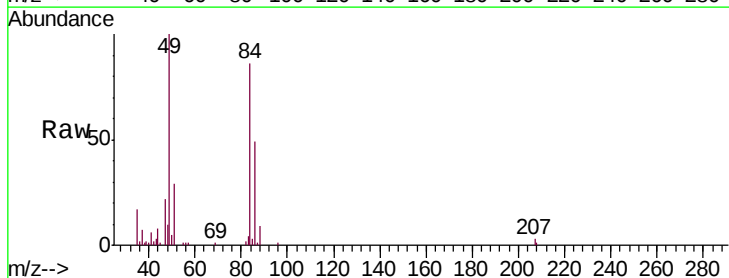
Instrument :
MSVOA_W
ClientSampled :
S-26-V

Tgt Ion: 43 Resp: 7210
Ion Ratio Lower Upper
43 100
58 25.0 24.7 37.1



#20
Methylene Chloride
Concen: 8.051 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

Tgt Ion: 84 Resp: 19021
Ion Ratio Lower Upper
84 100
49 116.4 99.9 149.9
51 33.3 31.1 46.7
86 57.3 51.8 77.6





#25

2-Butanone

Concen: 4.318 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005921.D

Acq: 09 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampled :

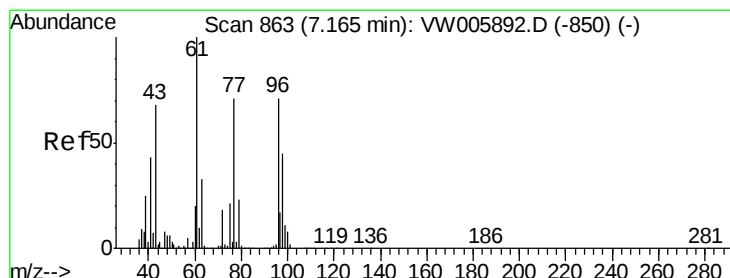
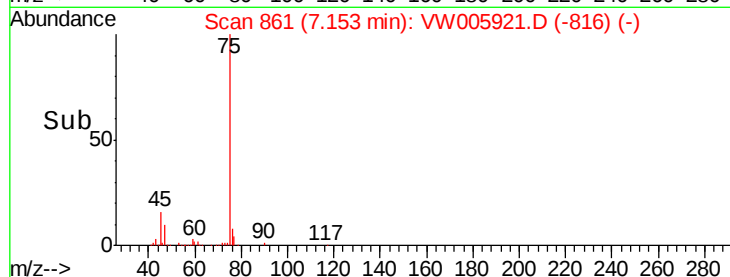
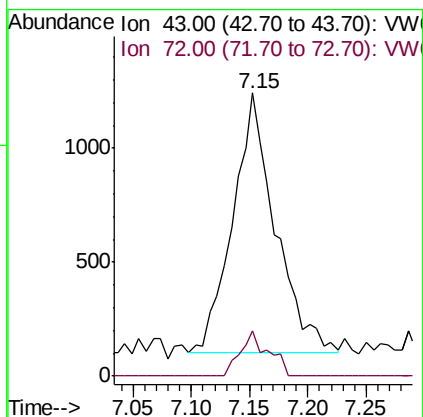
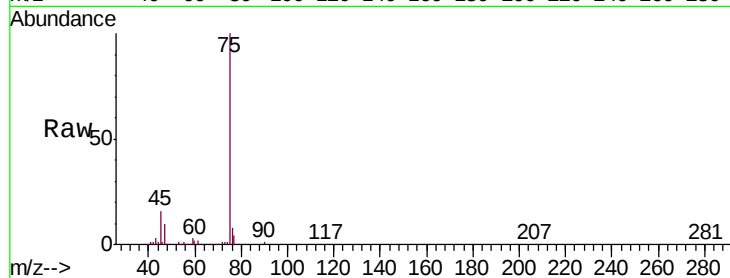
S-26-V

Tgt Ion: 43 Resp: 2896

Ion Ratio Lower Upper

43 100

72 17.6 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.464 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW005921.D

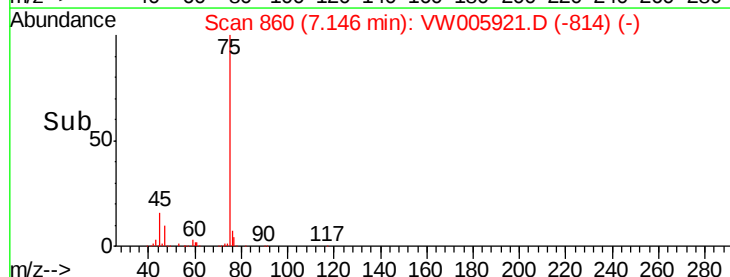
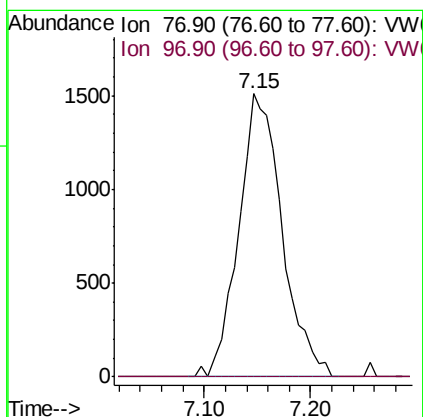
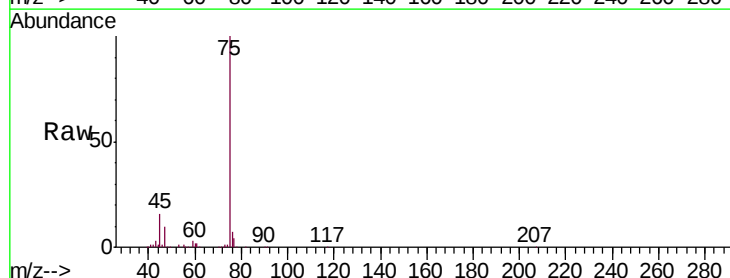
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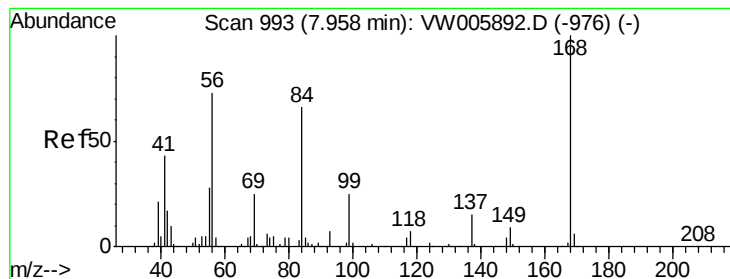
Tgt Ion: 77 Resp: 4304

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005921.D

Acq: 09 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

S-26-V

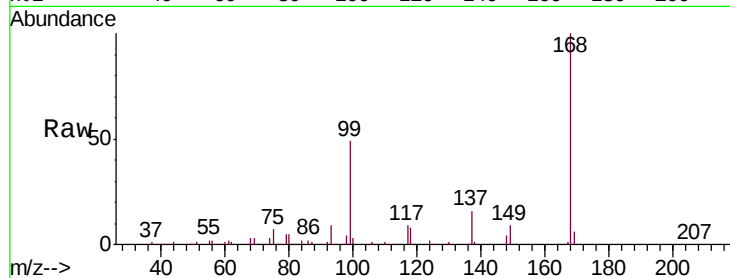
Tgt Ion: 56 Resp: 5140

Ion Ratio Lower Upper

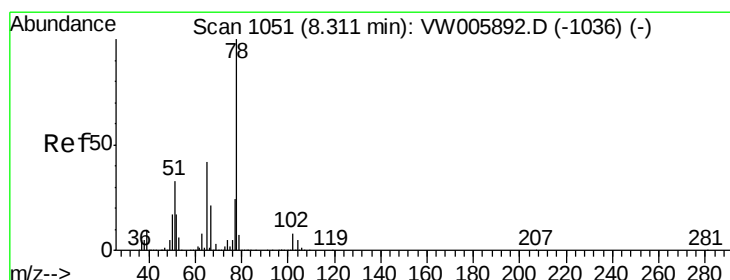
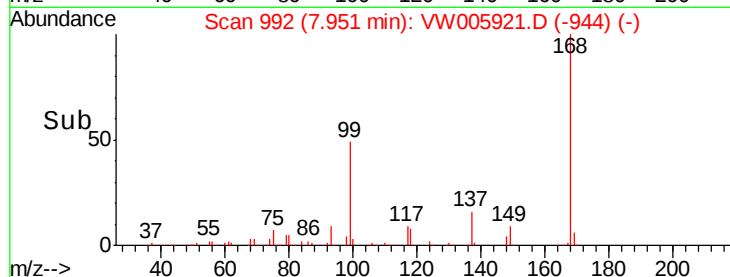
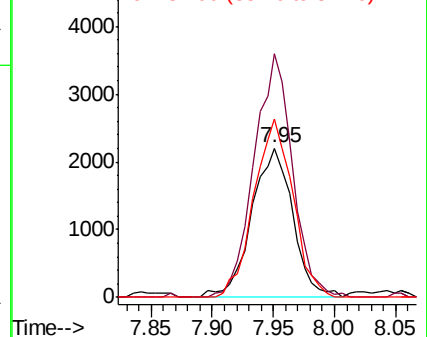
56 100

69 163.0 27.9 41.9#

84 119.0 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: 33.379 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005921.D

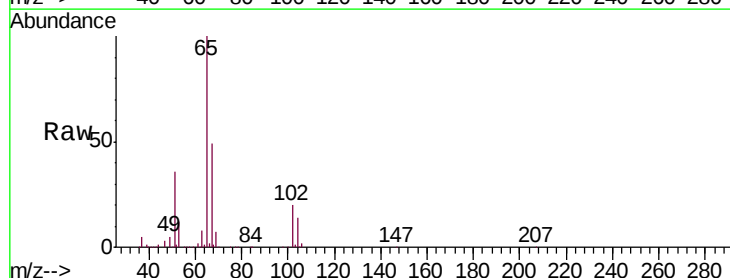
Acq: 09 Oct 2018 04:29

Tgt Ion: 65 Resp: 78801

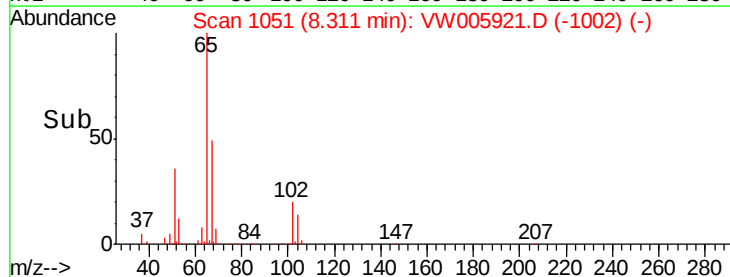
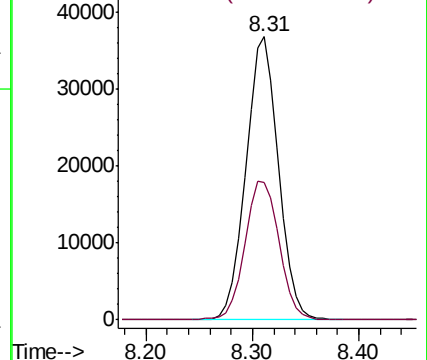
Ion Ratio Lower Upper

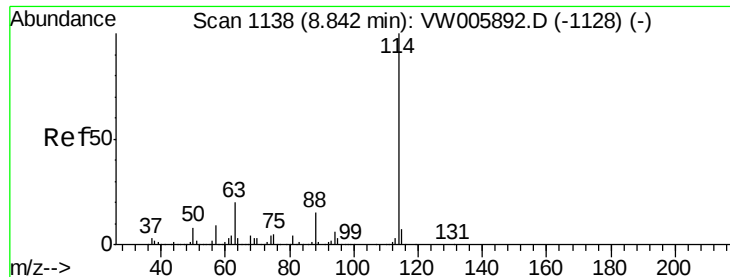
65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

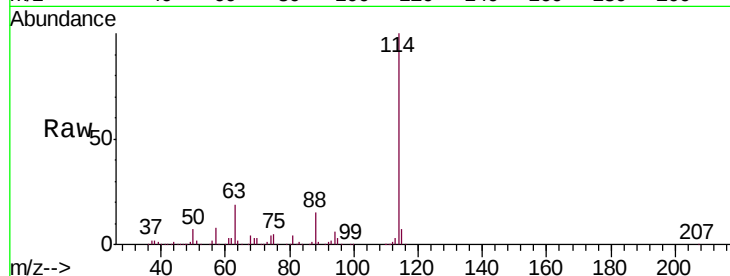




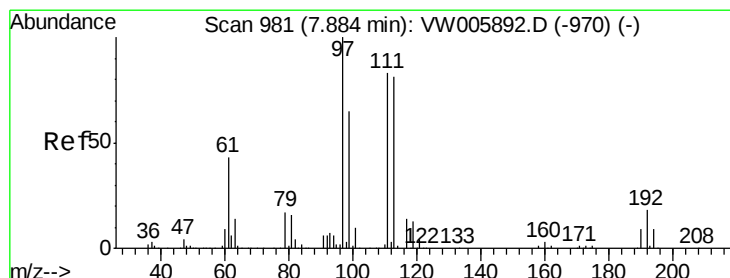
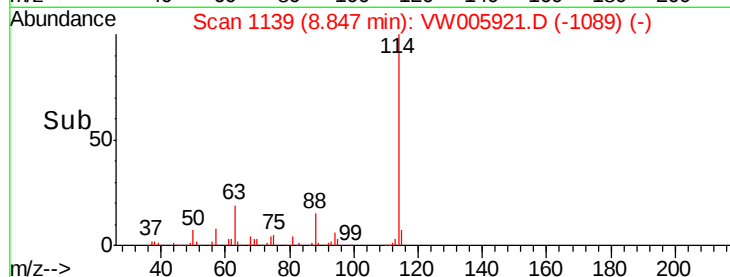
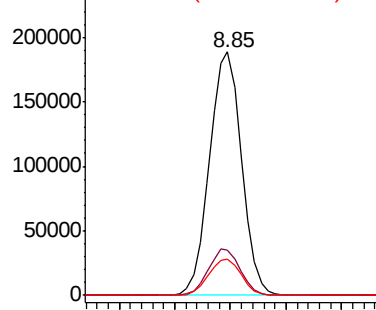
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005921.D
 Acq: 09 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 S-26-V

Tgt Ion:114 Resp: 376589
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 30.8

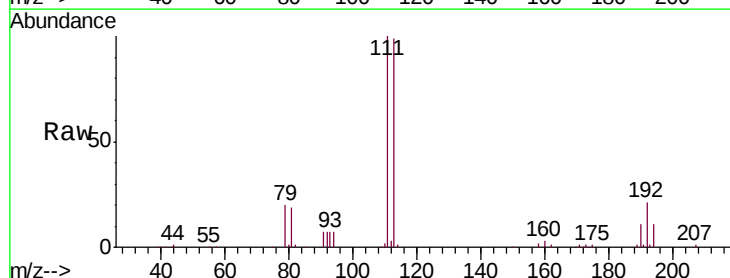


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

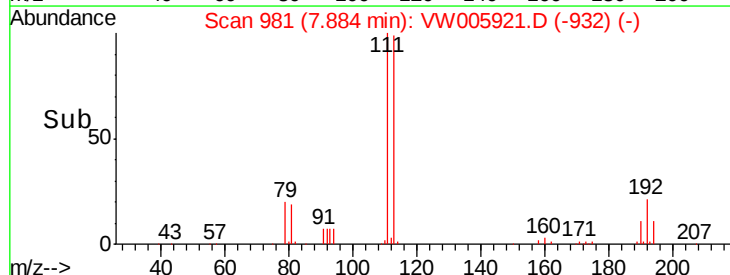
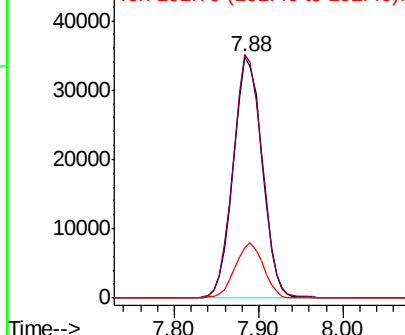


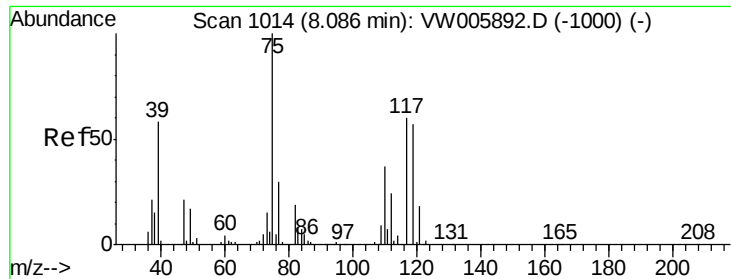
#35
 Dibromofluoromethane
 Concen: 33.629 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005921.D
 Acq: 09 Oct 2018 04:29

Tgt Ion:113 Resp: 80857
 Ion Ratio Lower Upper
 113 100
 111 101.5 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

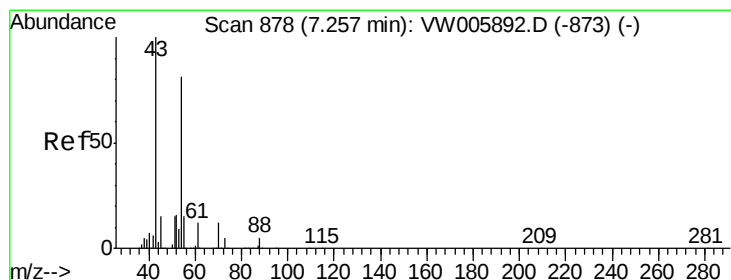
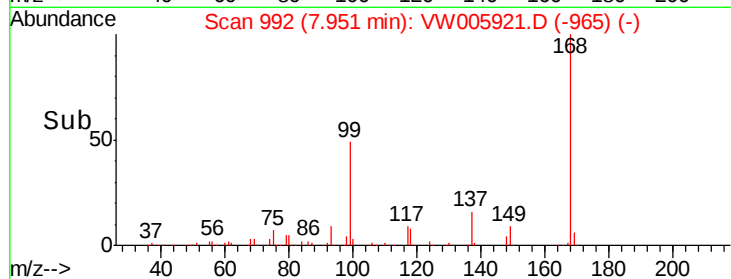
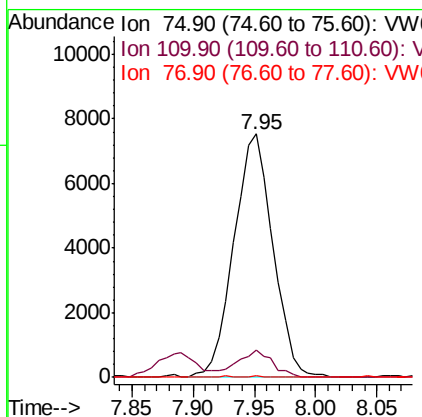
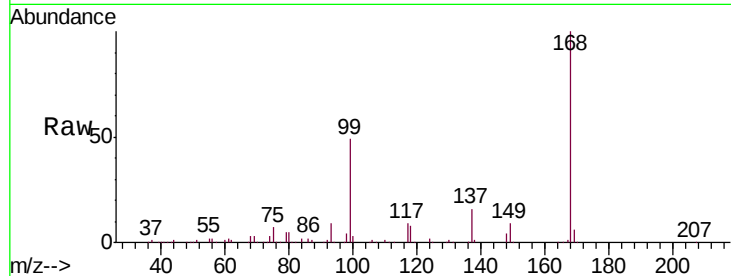




#36
 1,1-Dichloropropene
 Concen: 4.622 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005921.D
 Acq: 09 Oct 2018 04:29

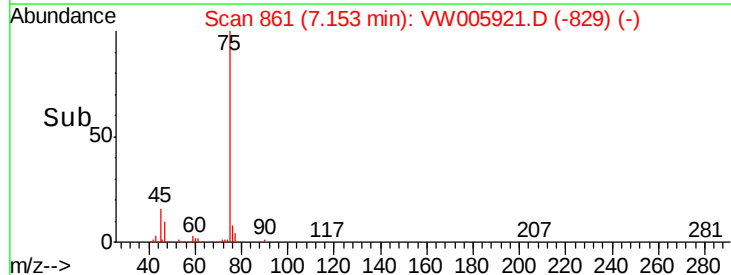
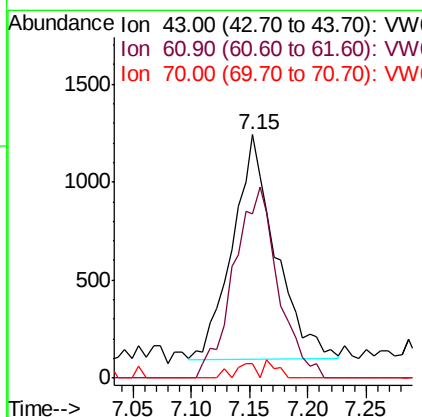
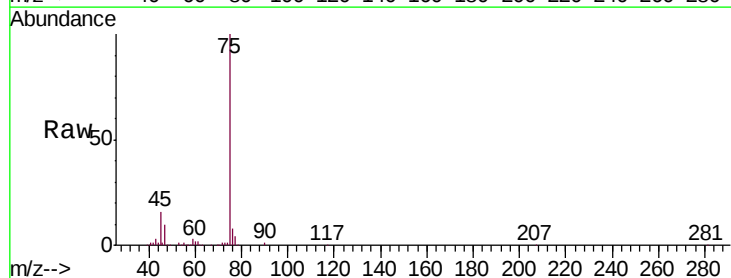
Instrument :
 MSVOA_W
 ClientSampleID :
 S-26-V

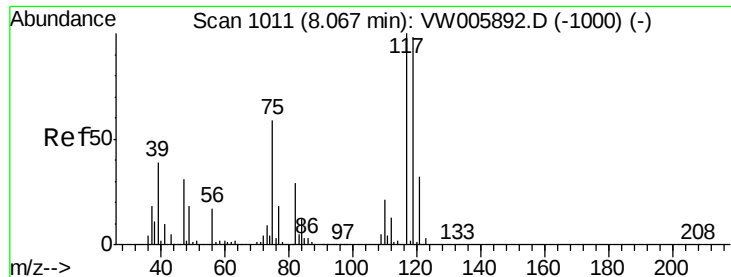
Tgt Ion: 75 Resp: 16677
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.6 56.0#
 77 0.1 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.915 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.10 min
 Lab File: VW005921.D
 Acq: 09 Oct 2018 04:29

Tgt Ion: 43 Resp: 2927
 Ion Ratio Lower Upper
 43 100
 61 88.0 10.6 16.0#
 70 3.2 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005921.D

Acq: 09 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampled :

S-26-V

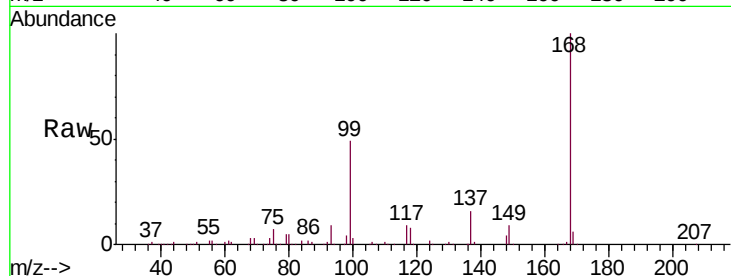
Tgt Ion:117 Resp: 21944

Ion Ratio Lower Upper

117 100

119 4.9 78.6 117.8#

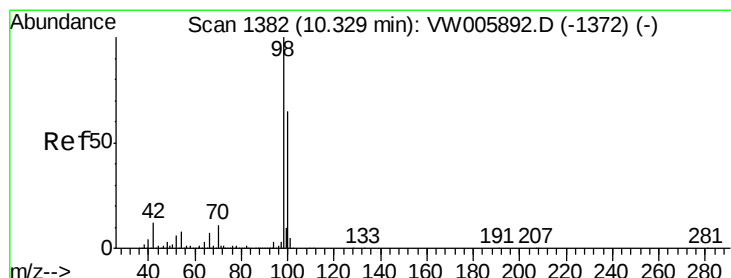
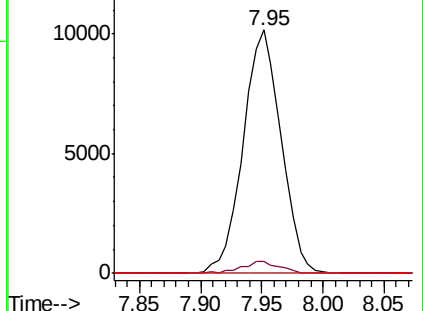
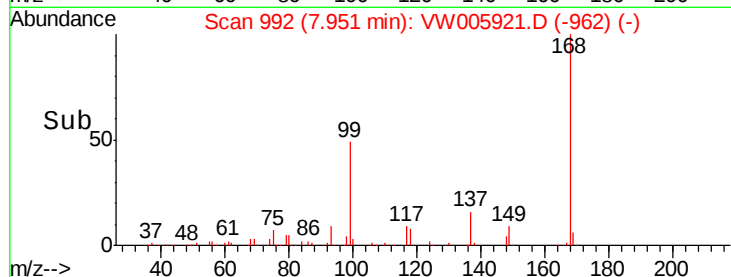
121 0.0 25.3 37.9#



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: 28.318 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005921.D

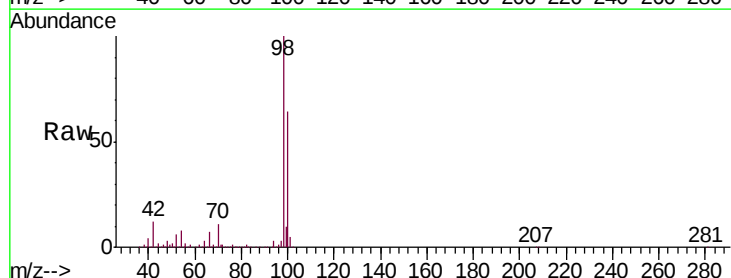
Acq: 09 Oct 2018 04:29

Tgt Ion: 98 Resp: 261961

Ion Ratio Lower Upper

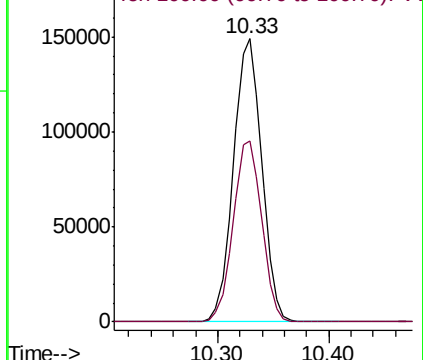
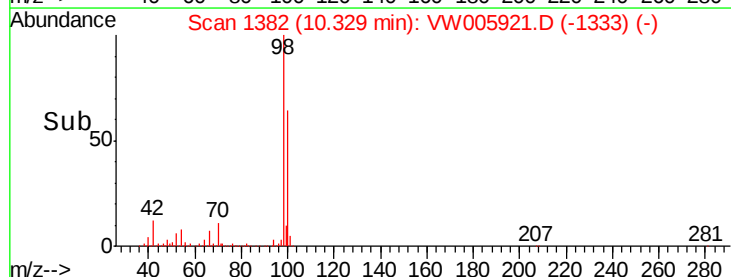
98 100

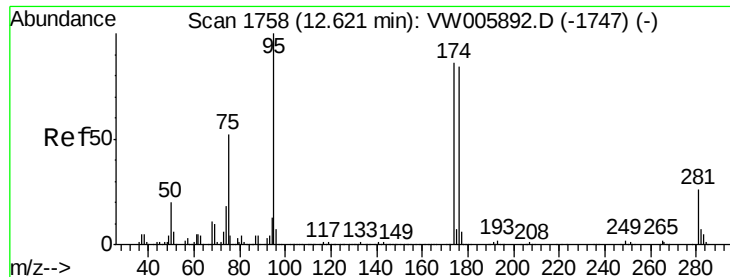
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

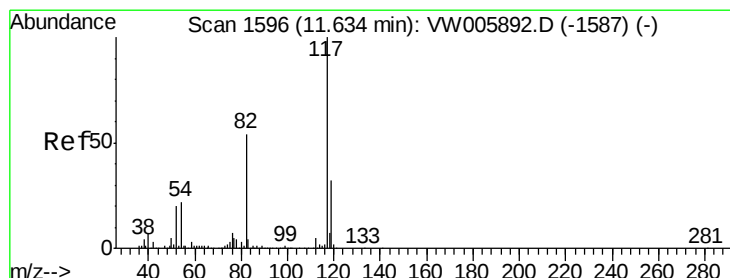
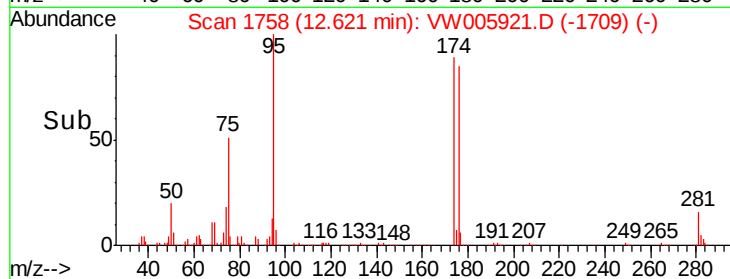
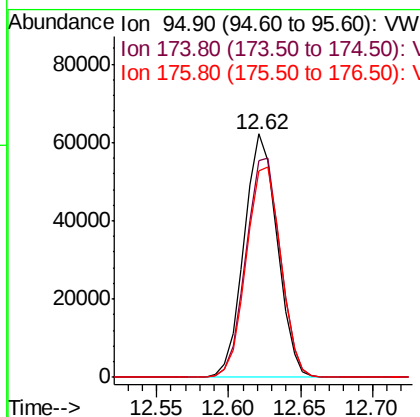
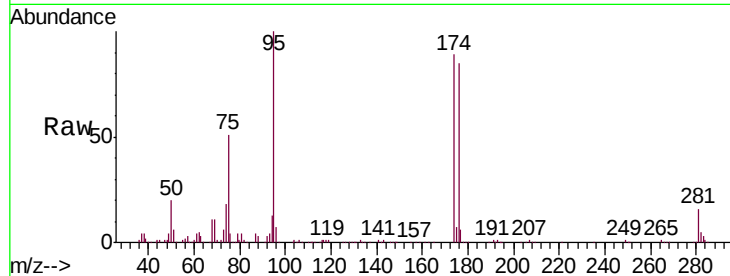




#62
4-Bromofluorobenzene
Concen: 28.127 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

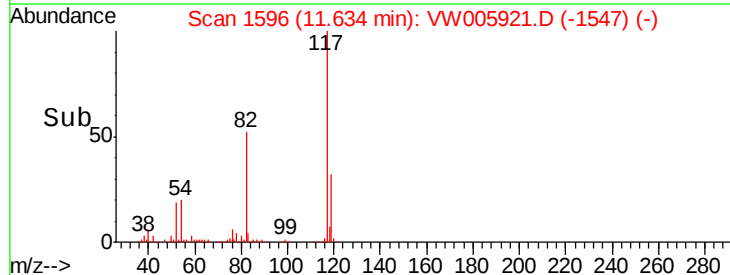
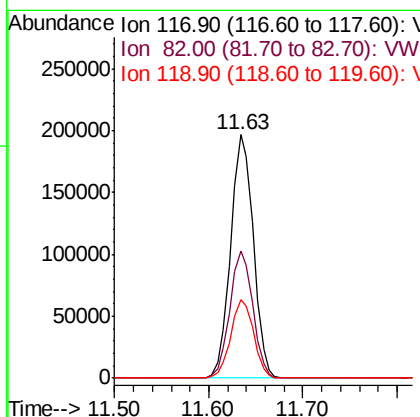
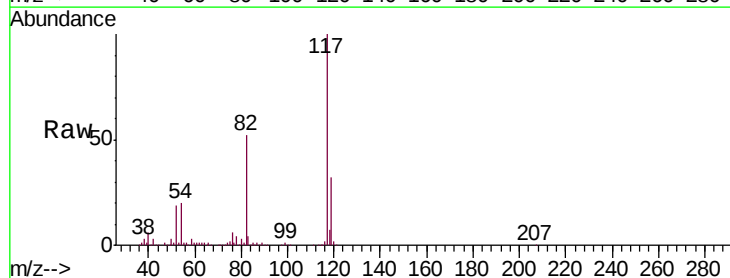
Instrument :
MSVOA_W
ClientSampled :
S-26-V

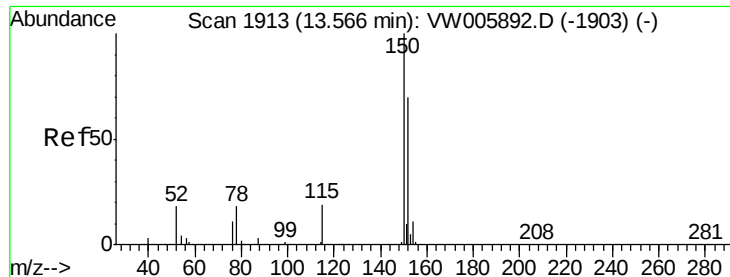
Tgt Ion: 95 Resp: 98994
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.4
176 89.8 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

Tgt Ion: 117 Resp: 328376
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.0 25.4 38.2



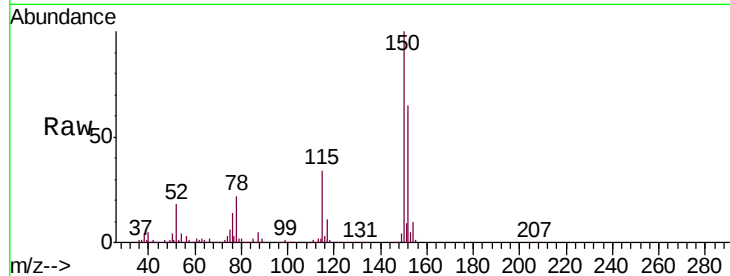


#72

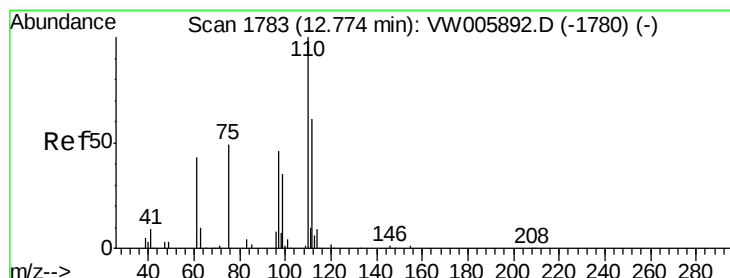
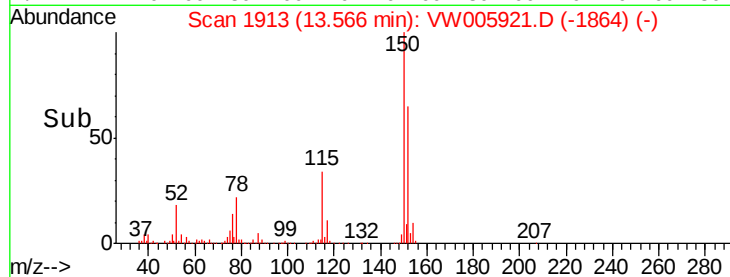
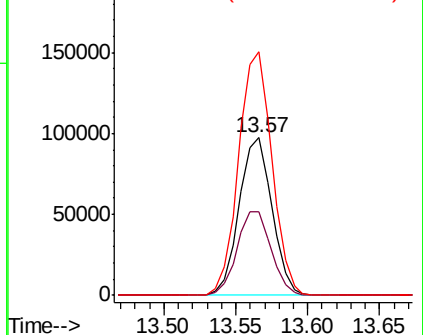
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

Instrument :
MSVOA_W
ClientSampleId :
S-26-V

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	85.0
150	156.8	0.0	349.2



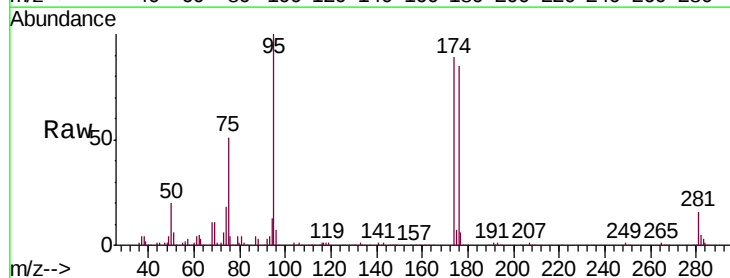
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



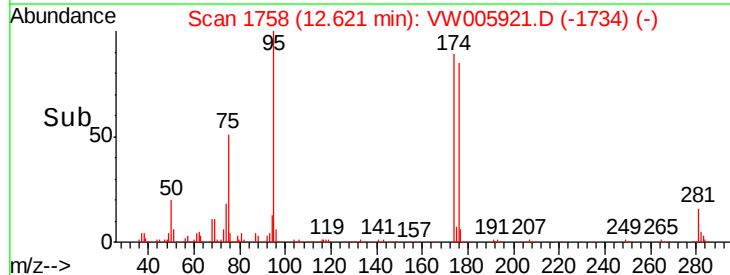
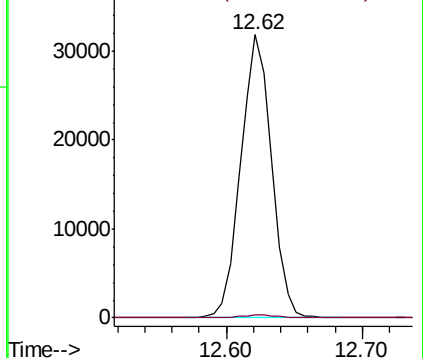
#76

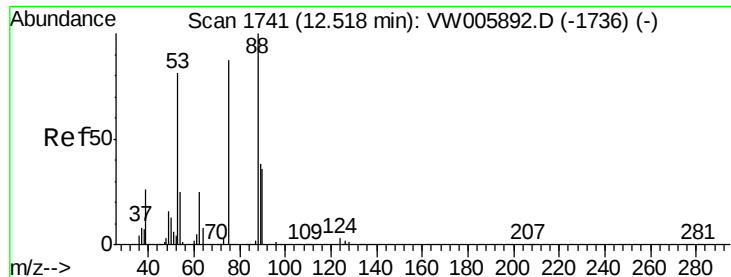
1,2,3-Trichloropropane
Concen: 36.344 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005921.D
Acq: 09 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 76.726 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005921.D

Acq: 09 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

S-26-V

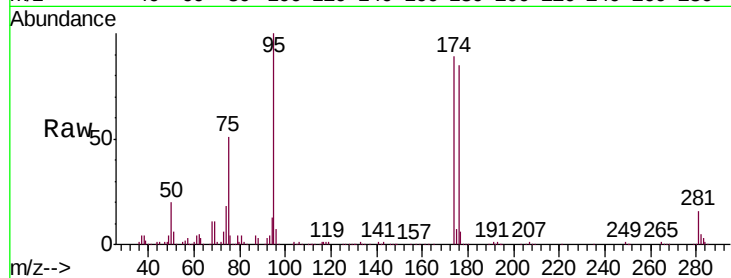
Tgt Ion: 75 Resp: 50092

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 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

