

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006384.D
 Acq On : 26 Oct 2018 03:00
 Operator : SY/AP
 Sample : J5610-05RE
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(0-2)

Quant Time: Oct 26 07:24:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	361787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91570	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	116263	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
35) Dibromofluoromethane	7.88	113	109651	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	10.33	98	366021	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
62) 4-Bromofluorobenzene	12.62	95	94187	30.83	ug/l	0.00
Spiked Amount			Recovery	=	61.66%	

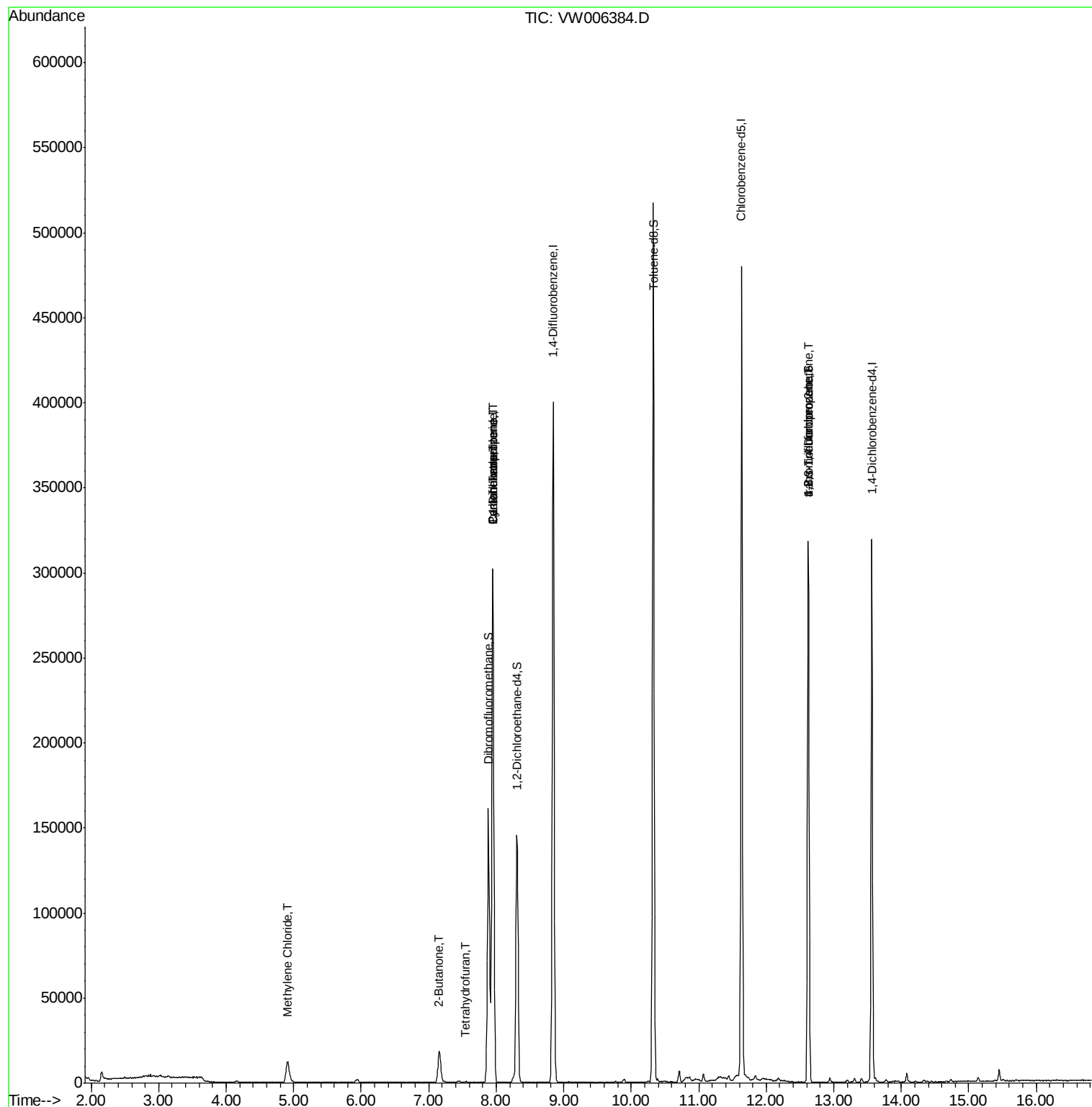
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	1399	Below Cal	#	68
20) Methylene Chloride	4.91	84	11431	3.746	ug/l	92
25) 2-Butanone	7.15	43	1125	2.025	ug/l #	46
29) Tetrahydrofuran	7.54	42	456	1.335	ug/l #	70
31) Cyclohexane	7.95	56	4154	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15823	4.745	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21787	5.960	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	47982	68.603	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47982	163.989	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006384.D

Acq: 26 Oct 2018 03:00

Instrument :

MSVOA_W

ClientSampled :

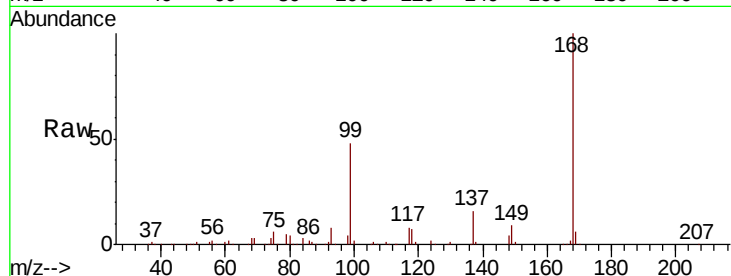
SB-3(0-2)

Tot Ion:168 Resp: 248112

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

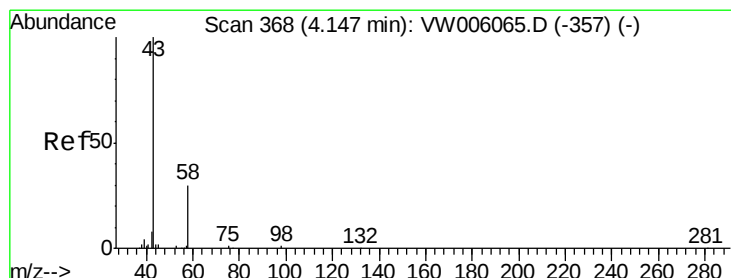
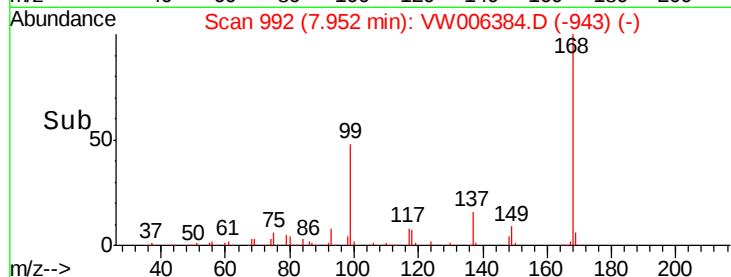
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.17 min Scan# 371

Delta R.T. 0.02 min

Lab File: VW006384.D

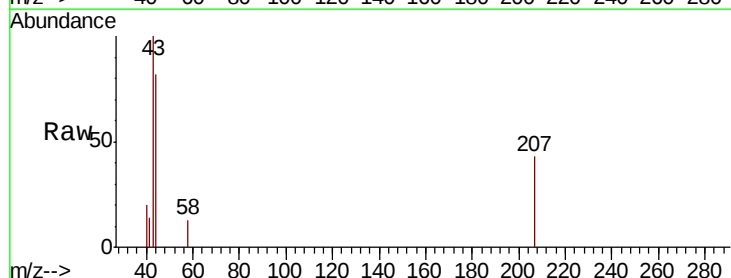
Acq: 26 Oct 2018 03:00

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

58 12.8 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.17

500

400

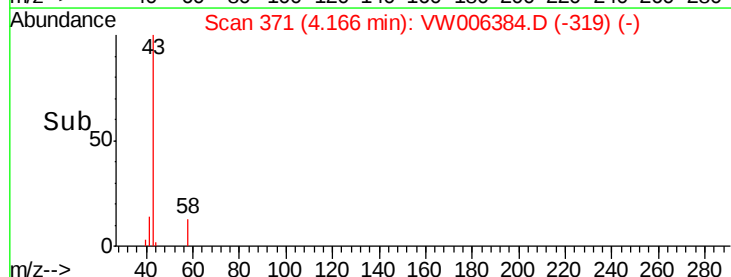
300

200

100

0

Time--> 4.05 4.10 4.15 4.20 4.25





#20

Methylene Chloride

Concen: 3.746 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006384.D

Acq: 26 Oct 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

SB-3(0-2)

Tot Ion: 84 Resp: 11431

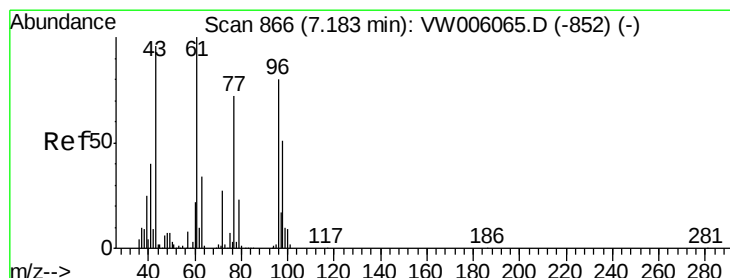
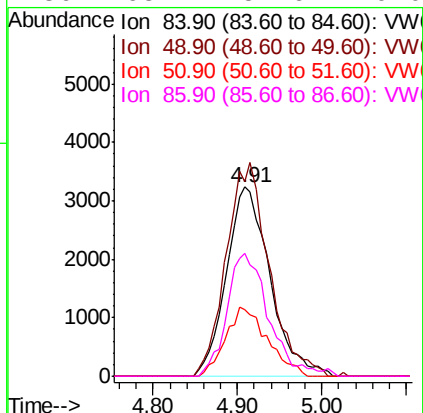
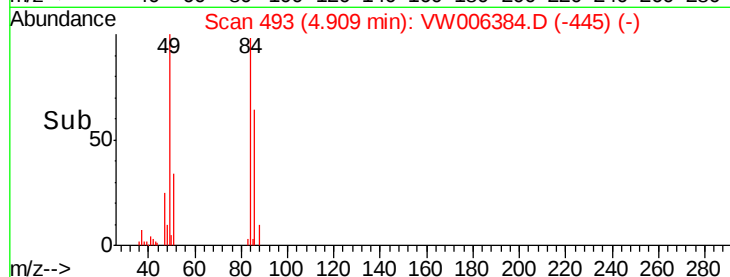
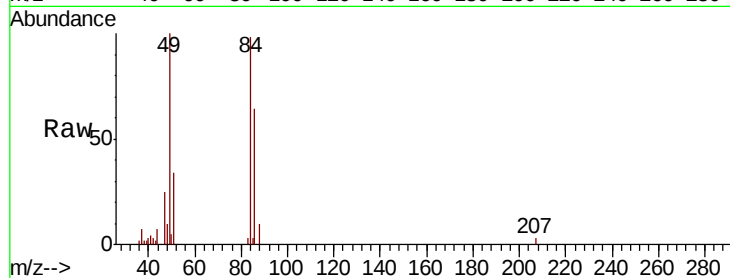
Ion Ratio Lower Upper

84 100

49 102.4 93.6 140.4

51 34.9 29.0 43.4

86 65.2 52.6 79.0



#25

2-Butanone

Concen: 2.025 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006384.D

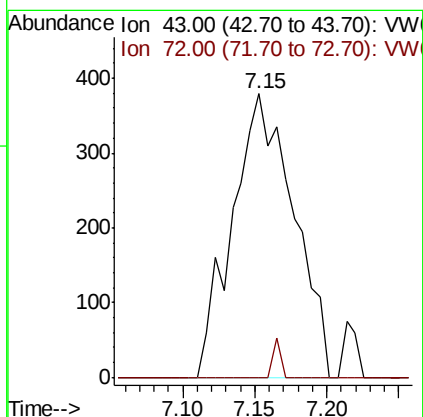
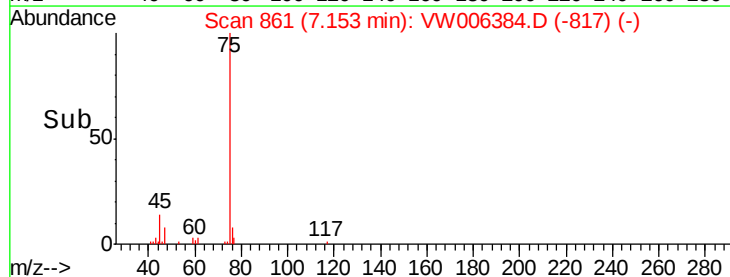
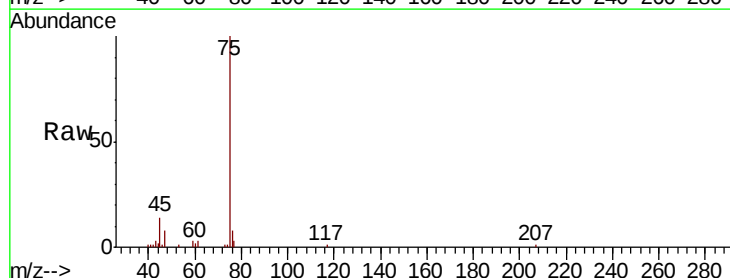
Acq: 26 Oct 2018 03:00

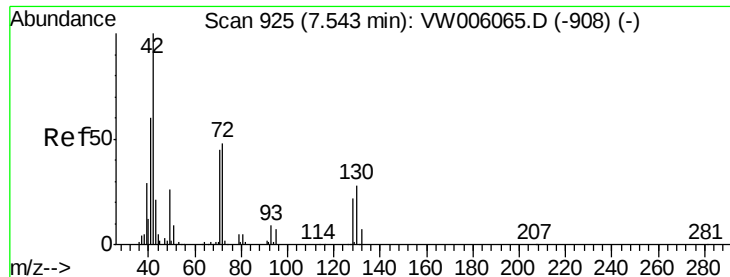
Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#

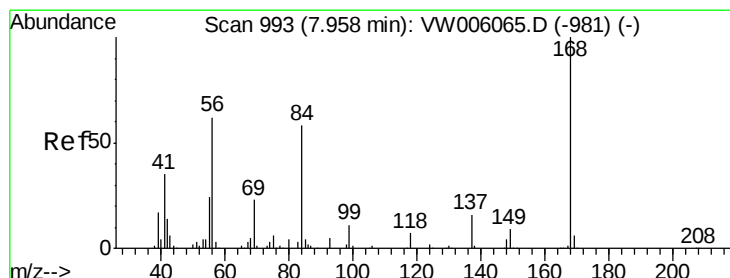
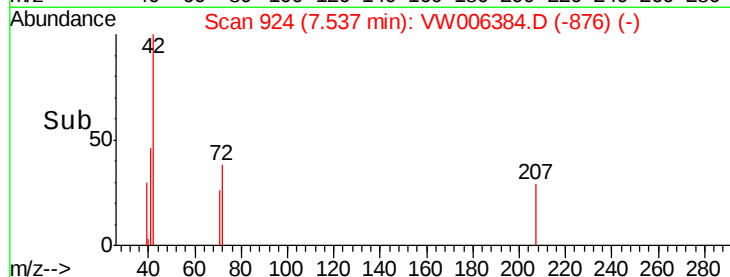
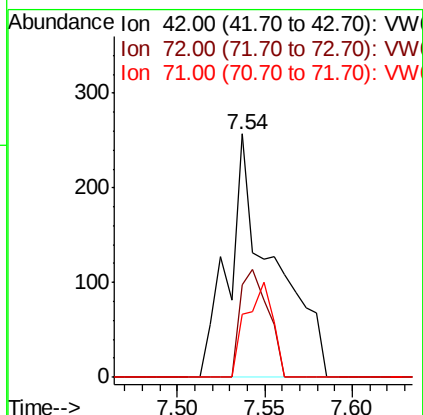
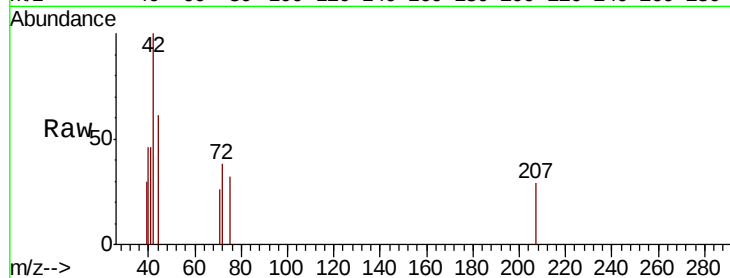




#29
Tetrahydrofuran
Concen: 1.335 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

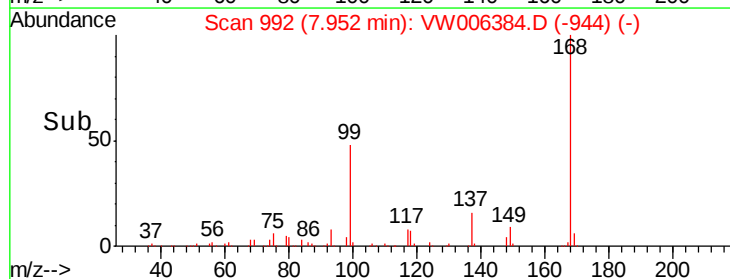
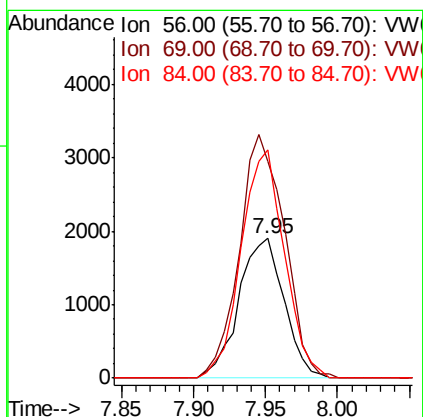
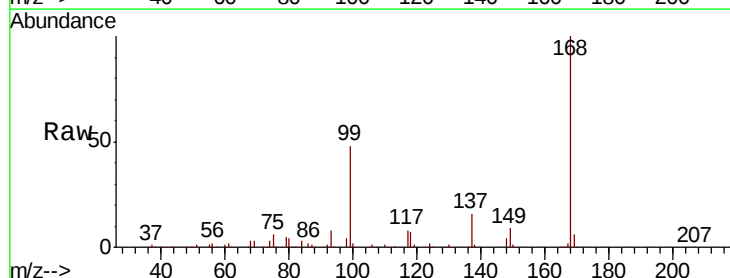
Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

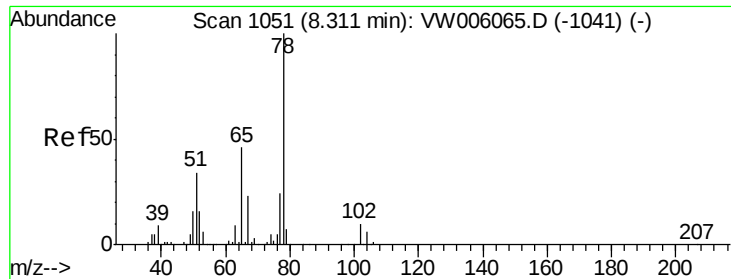
Tot Ion: 42 Resp: 456
Ion Ratio Lower Upper
42 100
72 27.9 38.0 57.0#
71 23.7 35.3 52.9#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

Tgt Ion: 56 Resp: 4154
Ion Ratio Lower Upper
56 100
69 155.8 29.4 44.0#
84 163.9 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 56.521 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006384.D

Acq: 26 Oct 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

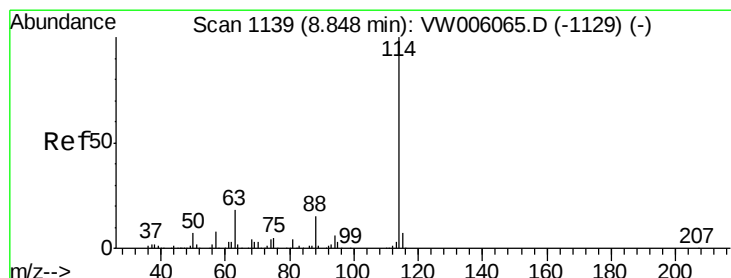
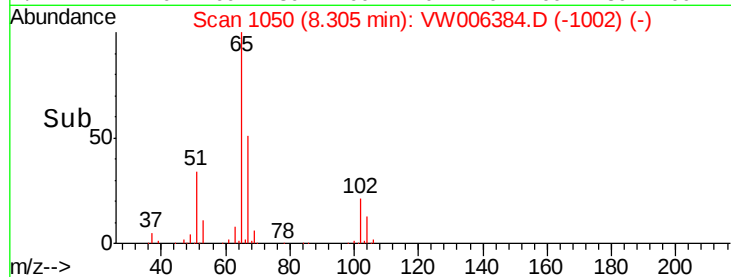
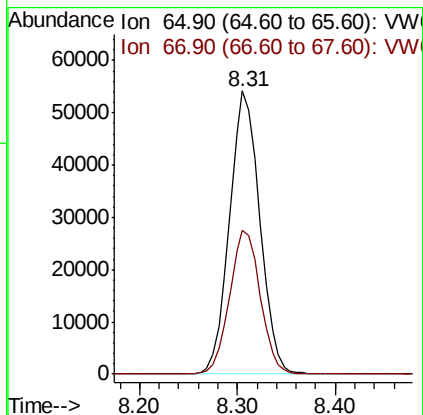
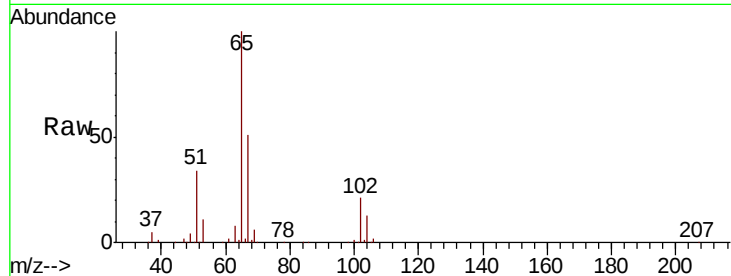
SB-3(0-2)

Tot Ion: 65 Resp: 116263

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006384.D

Acq: 26 Oct 2018 03:00

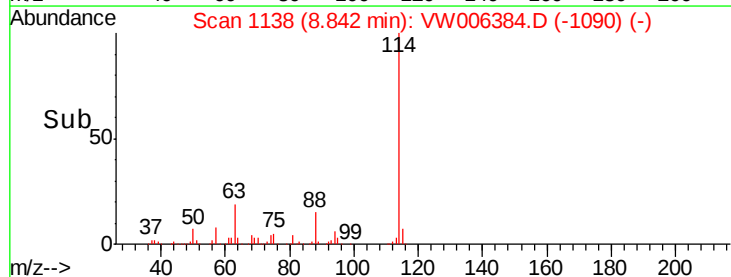
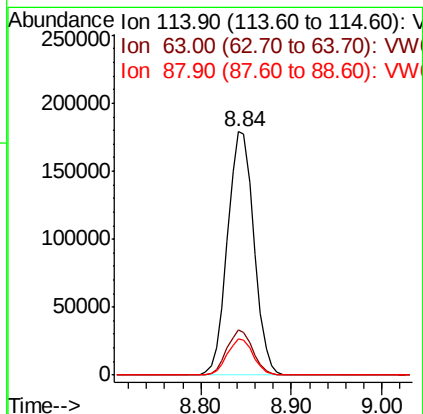
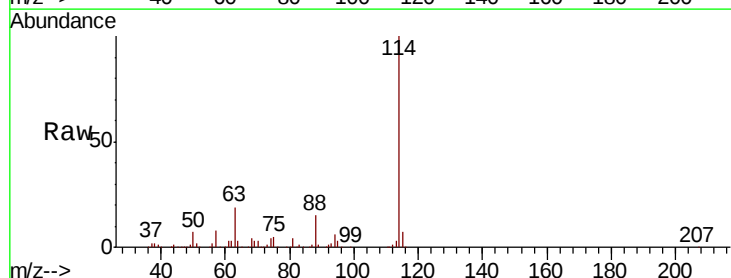
Tgt Ion: 114 Resp: 361787

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 14.8 0.0 29.0

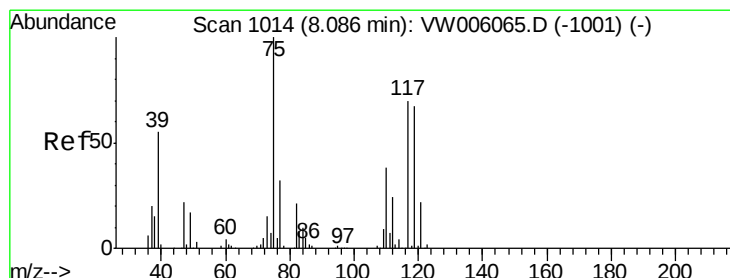
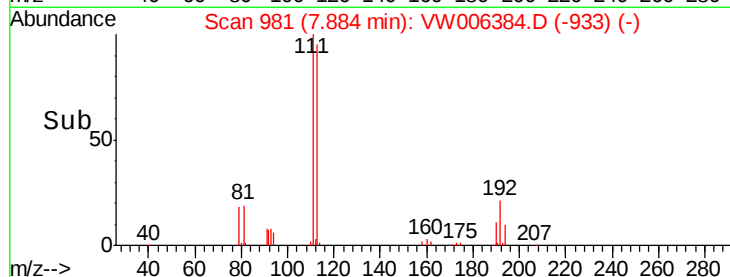
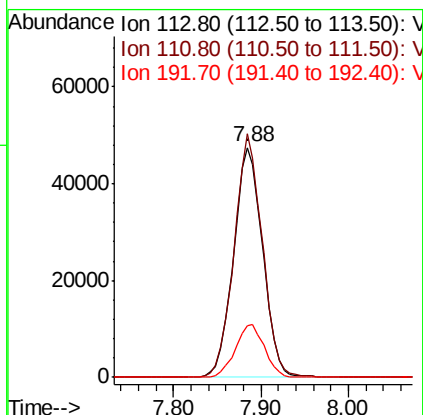
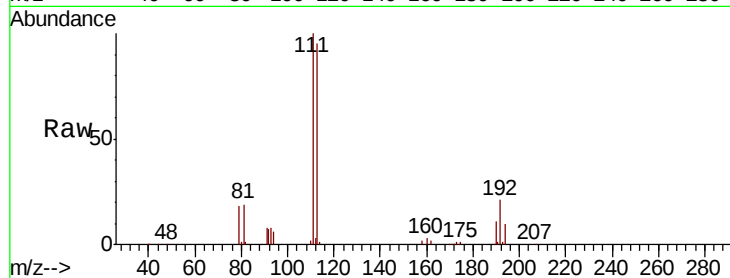




#35
 Dibromofluoromethane
 Concen: 51.292 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006384.D
 Acq: 26 Oct 2018 03:00

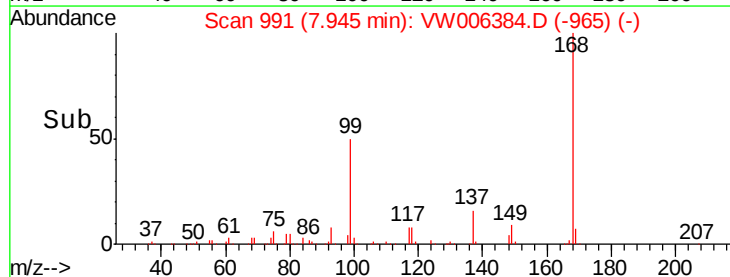
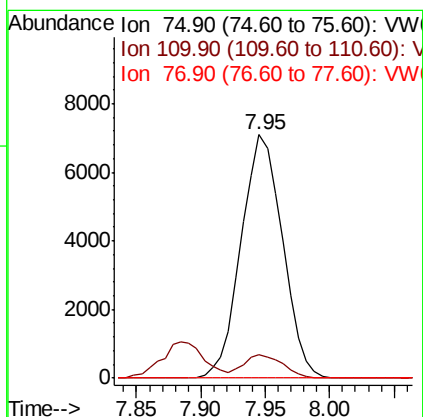
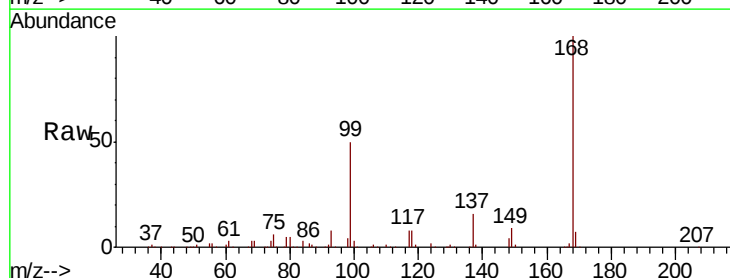
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(0-2)

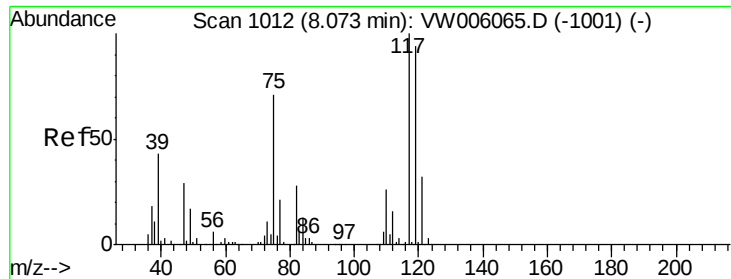
Tot Ion:113 Resp: 109651
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 22.8 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006384.D
 Acq: 26 Oct 2018 03:00

Tgt Ion: 75 Resp: 15823
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.0 25.0 37.4#

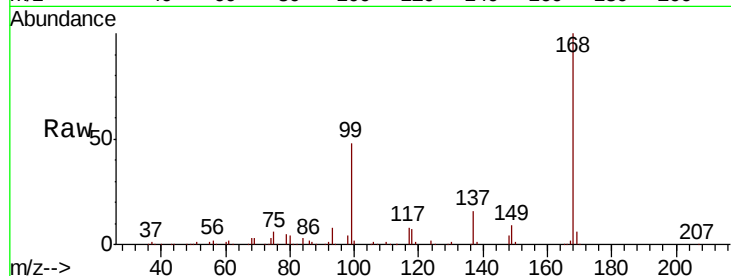




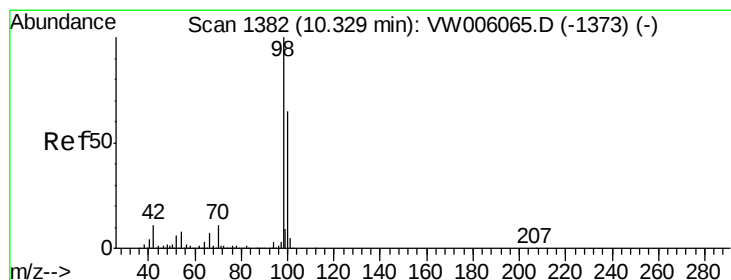
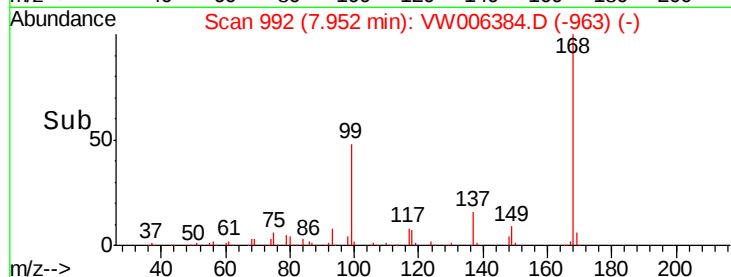
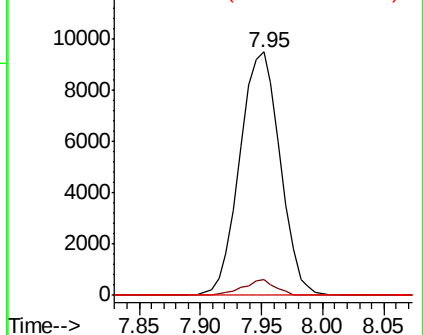
#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

Tot Ion:117 Resp: 21787
Ion Ratio Lower Upper
117 100
119 6.6 75.2 112.8#
121 0.0 25.3 37.9#

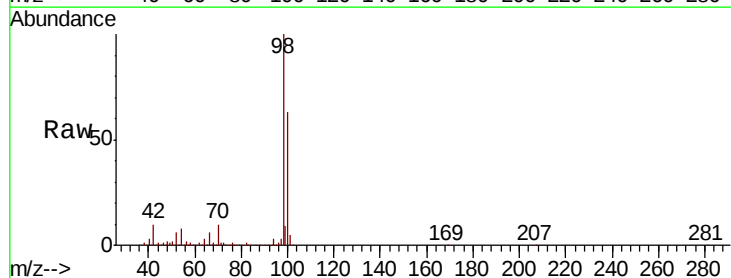


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

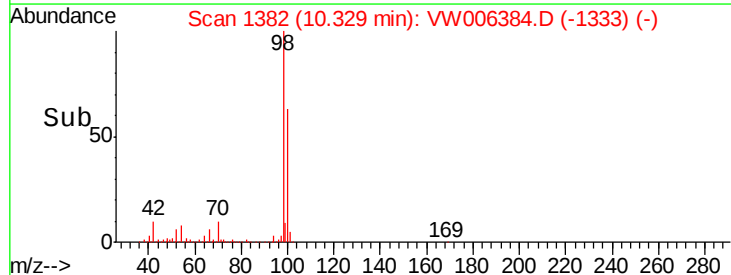
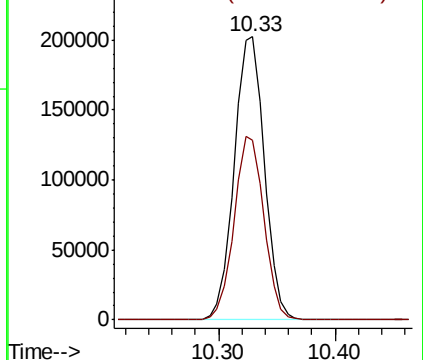


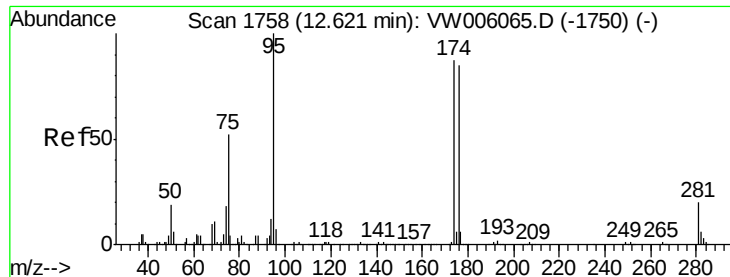
#50
Toluene-d8
Concen: 45.003 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

Tgt Ion: 98 Resp: 366021
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

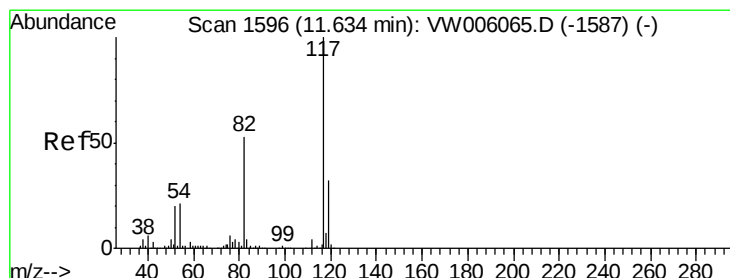
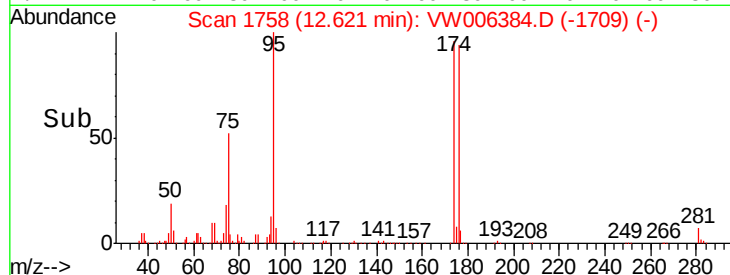
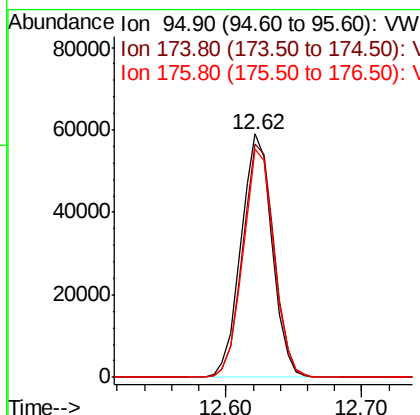
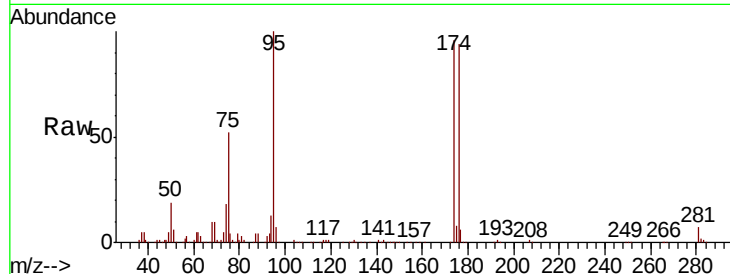




#62
4-Bromofluorobenzene
Concen: 30.833 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

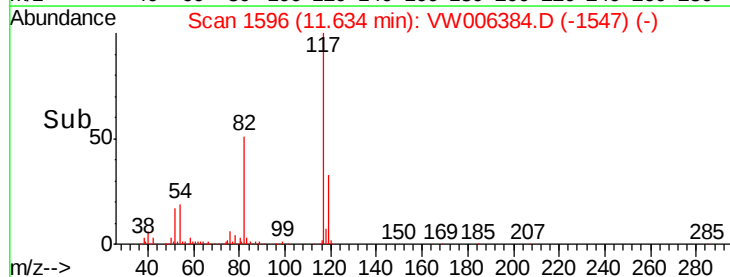
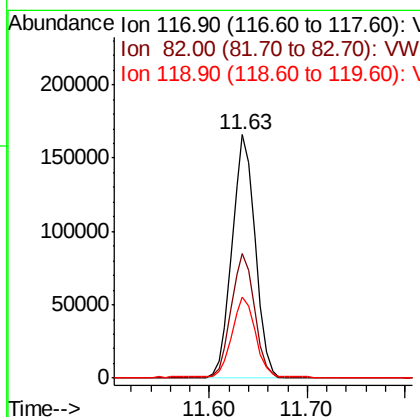
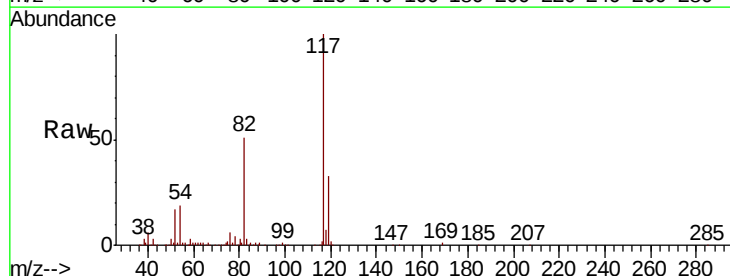
Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

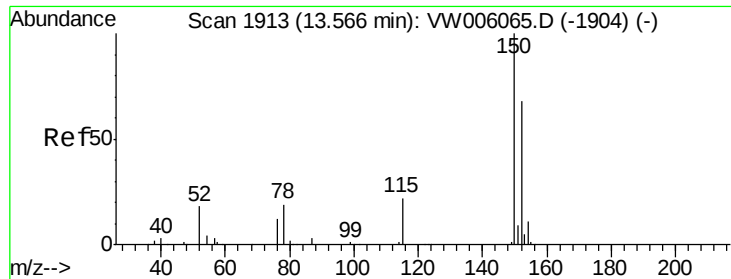
Tot Ion	95	Resp	94187
Ion Ratio	Lower	Upper	
95	100		
174	97.4	0.0	186.0
176	93.7	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006384.D
Acq: 26 Oct 2018 03:00

Tgt Ion	117	Resp	272627
Ion Ratio	Lower	Upper	
117	100		
82	50.9	42.1	63.1
119	32.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006384.D

Acq: 26 Oct 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

SB-3(0-2)

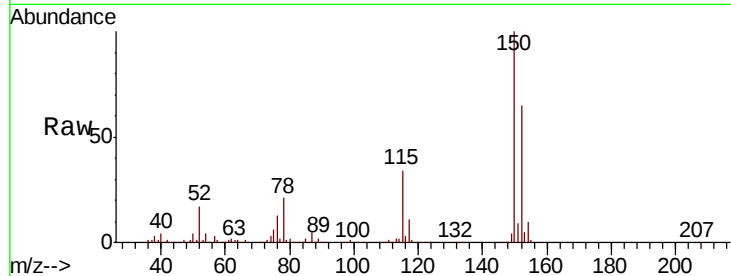
Tot Ion:152 Resp: 91570

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.3

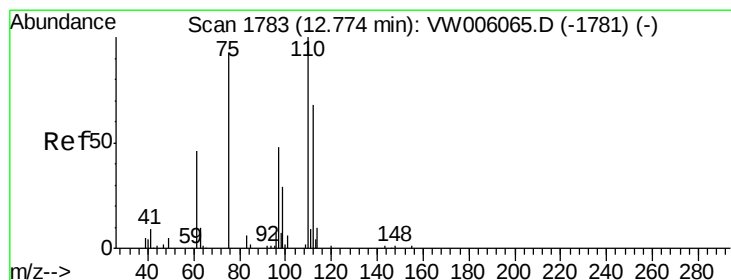
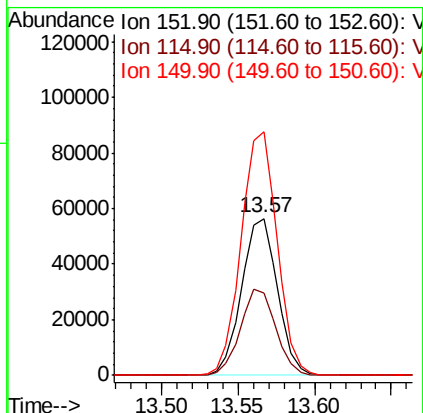
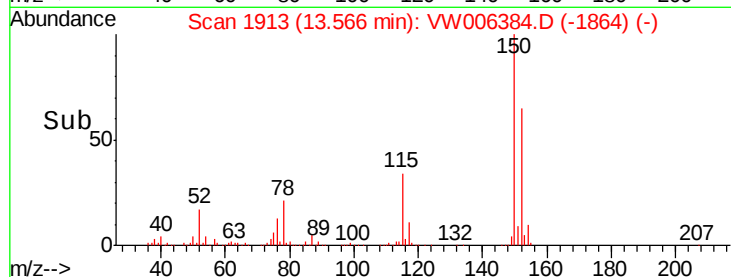
150 156.1 0.0 349.2



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: 68.603 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006384.D

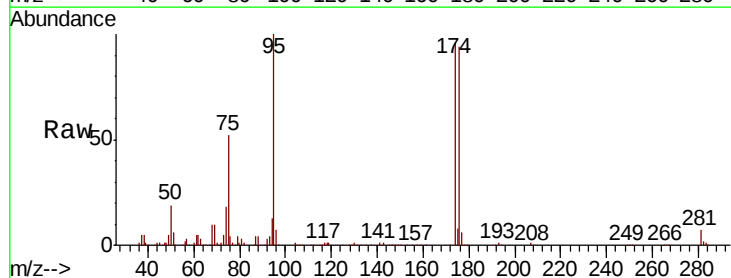
Acq: 26 Oct 2018 03:00

Tgt Ion: 75 Resp: 47982

Ion Ratio Lower Upper

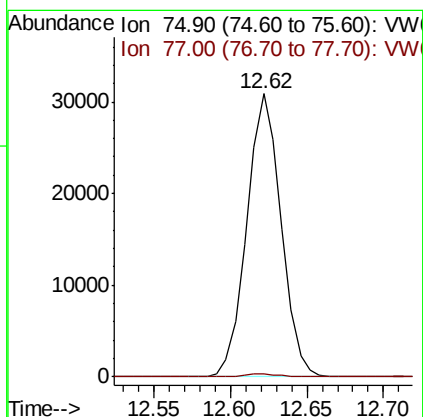
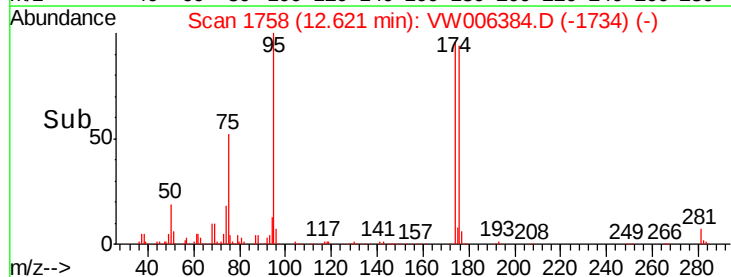
75 100

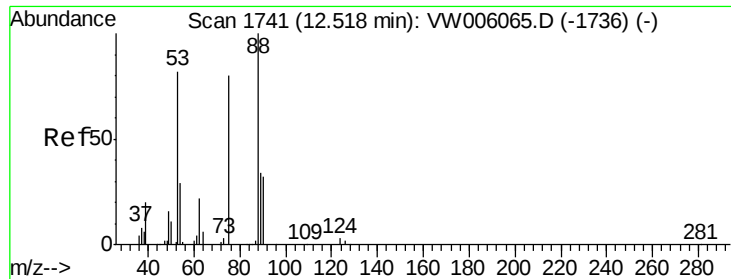
77 1.0 0.0 0.0#



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: 163.989 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006384.D

Acq: 26 Oct 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

SB-3(0-2)

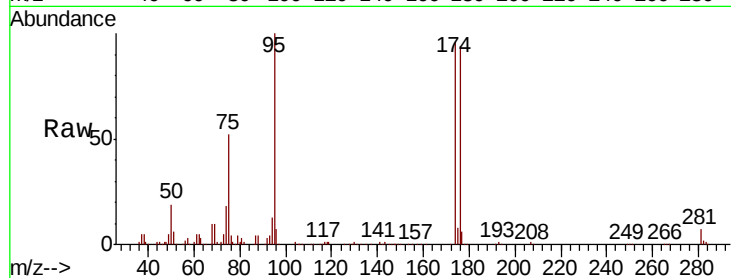
Tot Ion: 75 Resp: 47982

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

