

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006282.D
 Acq On : 23 Oct 2018 06:38
 Operator : VA/AP
 Sample : J5621-05
 Misc : 4.95G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01A

Quant Time: Oct 23 07:06:29 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	237771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95151	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	68643	34.82	ug/l	0.00
Spiked Amount			Recovery	=	69.64%	
35) Dibromofluoromethane	7.88	113	68523	35.53	ug/l	0.00
Spiked Amount			Recovery	=	71.06%	
50) Toluene-d8	10.32	98	207699	28.31	ug/l	0.00
Spiked Amount			Recovery	=	56.62%	
62) 4-Bromofluorobenzene	12.62	95	60877	22.09	ug/l	0.00
Spiked Amount			Recovery	=	44.18%	

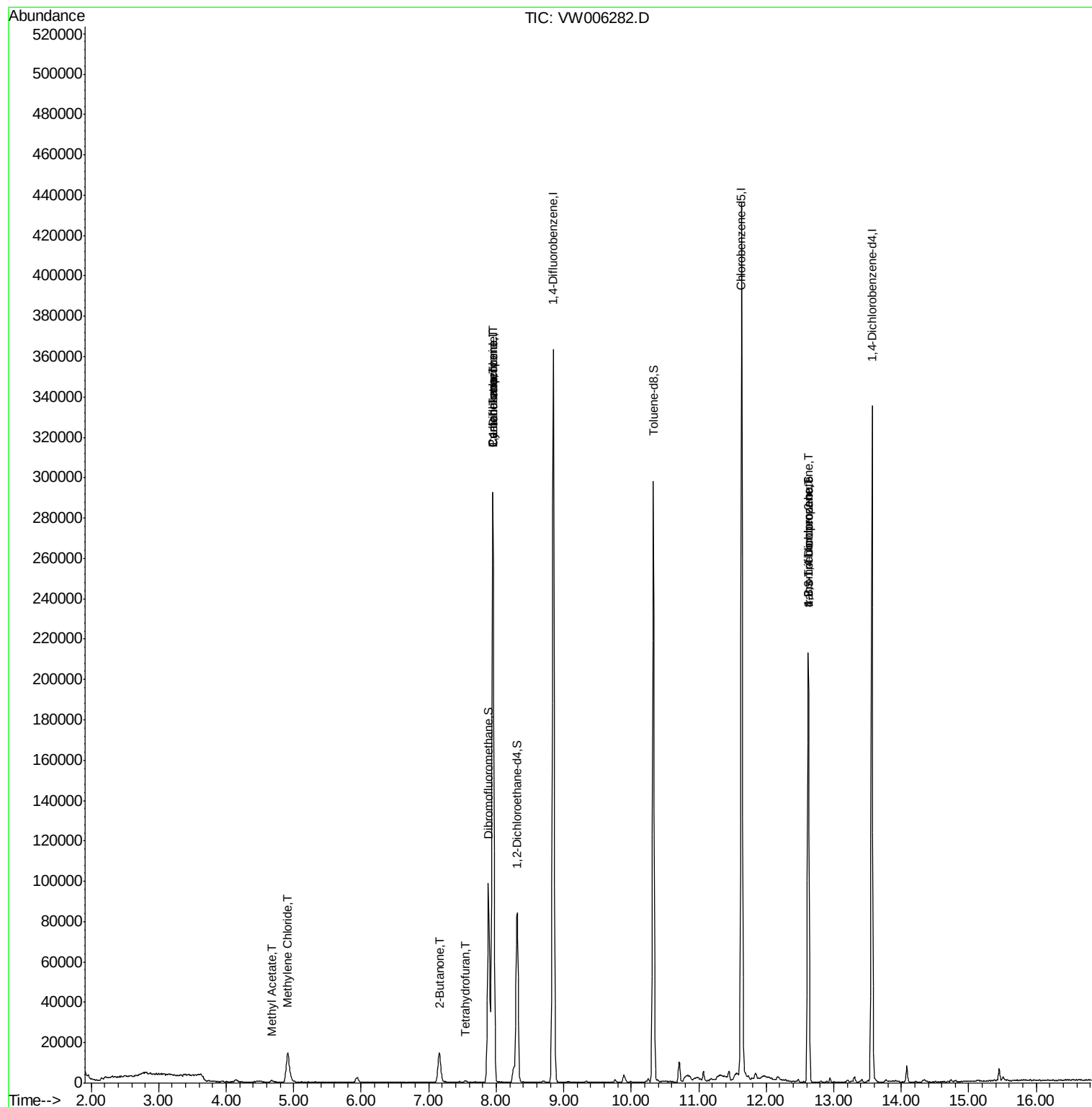
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2080	Below Cal		95
18) Methyl Acetate	4.68	43	1758	1.772	ug/l #	64
20) Methylene Chloride	4.91	84	13297	4.907	ug/l	96
25) 2-Butanone	7.16	43	793	1.489	ug/l #	46
29) Tetrahydrofuran	7.54	42	442	1.350	ug/l #	64
31) Cyclohexane	7.95	56	4320	1.198	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	15385	5.115	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21266	6.449	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	31125	42.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31125	102.373	ug/l #	10

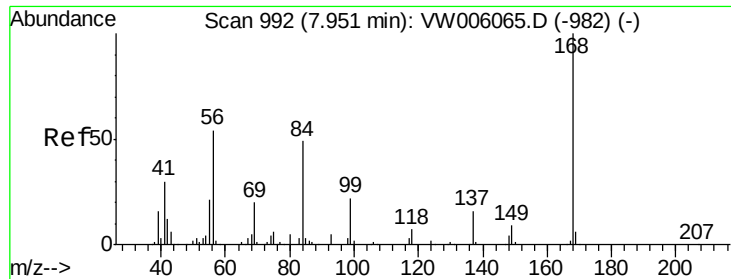
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006282.D

Acq: 23 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

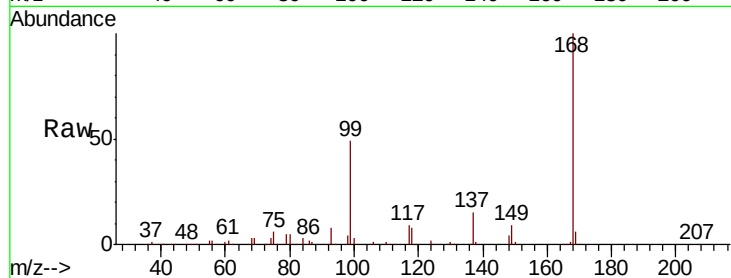
SA-SB-01A

Tot Ion:168 Resp: 237771

Ion Ratio Lower Upper

168 100

99 48.9 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

120000

100000

80000

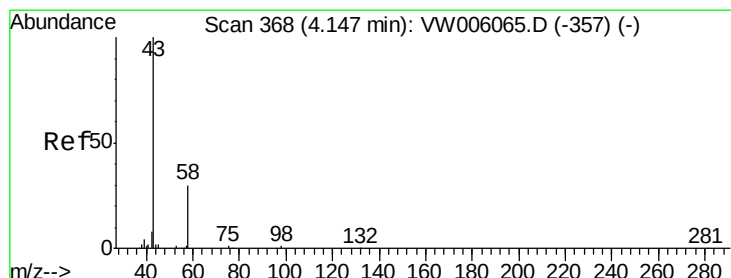
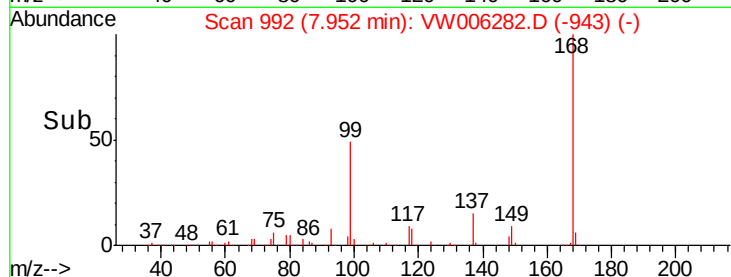
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006282.D

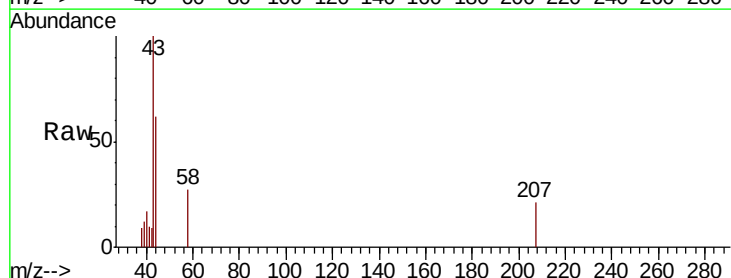
Acq: 23 Oct 2018 06:38

Tgt Ion: 43 Resp: 2080

Ion Ratio Lower Upper

43 100

58 27.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

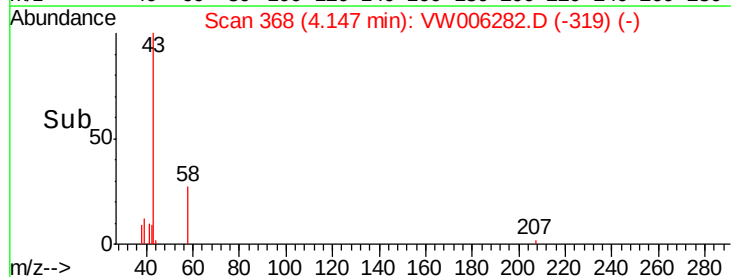
600

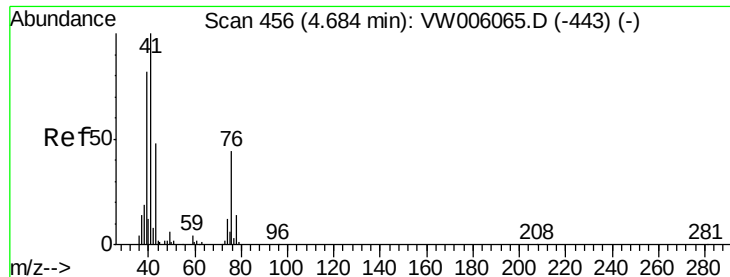
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25

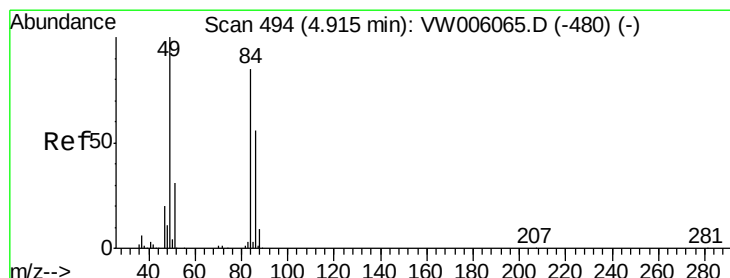
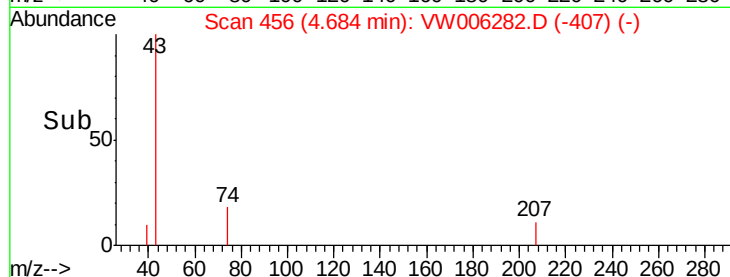
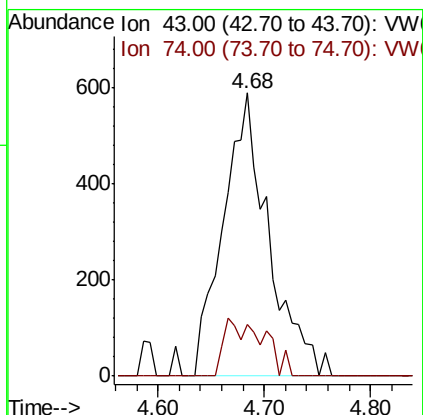
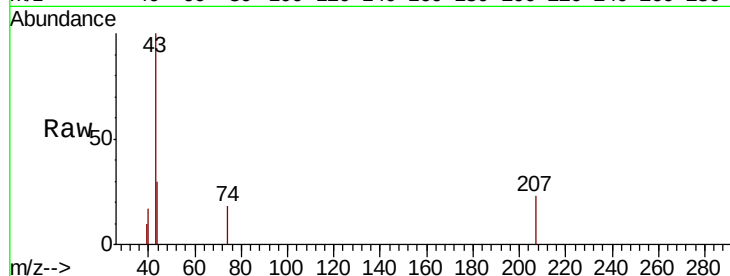




#18
Methvl Acetate
Concen: 1.772 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

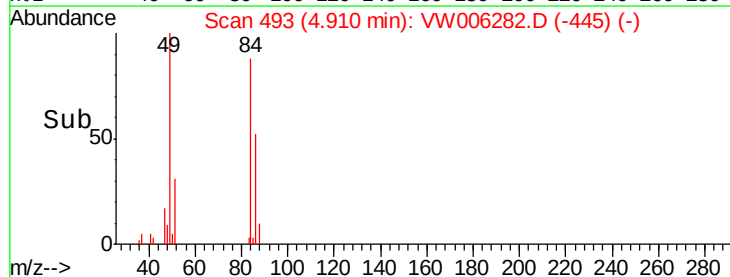
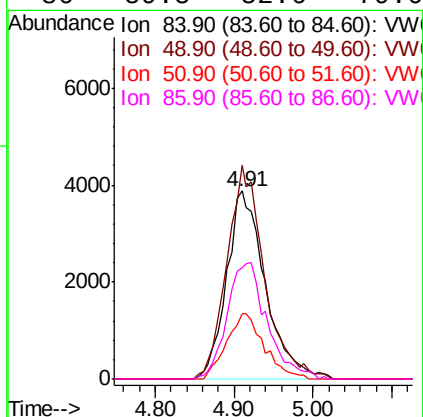
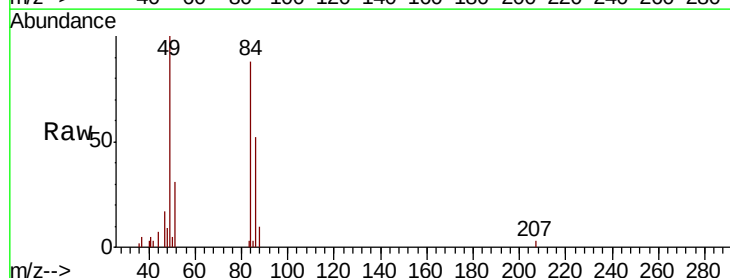
Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01A

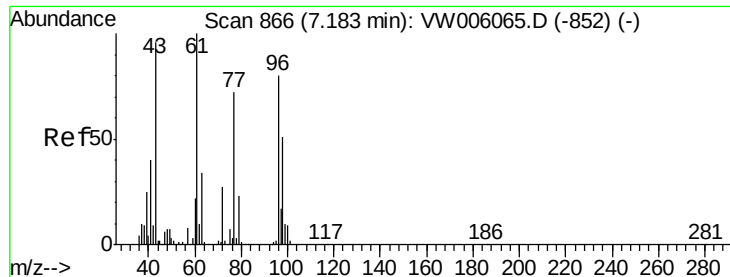
Tot Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
74 7.5 20.5 30.7#



#20
Methylene Chloride
Concen: 4.907 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

Tgt Ion: 84 Resp: 13297
Ion Ratio Lower Upper
84 100
49 113.8 93.6 140.4
51 34.9 29.0 43.4
86 59.5 52.6 79.0





#25

2-Butanone

Concen: 1.489 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

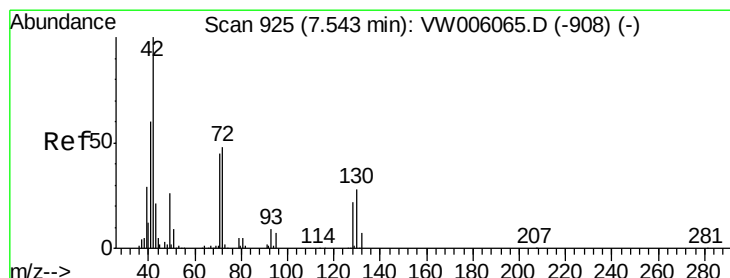
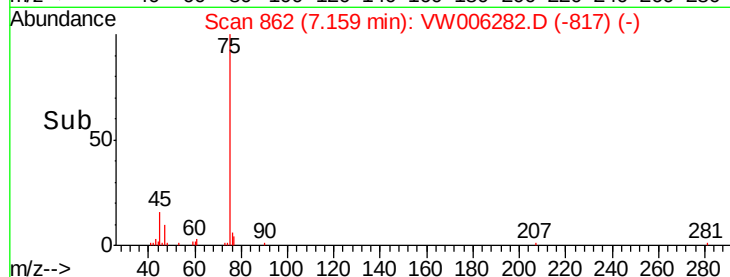
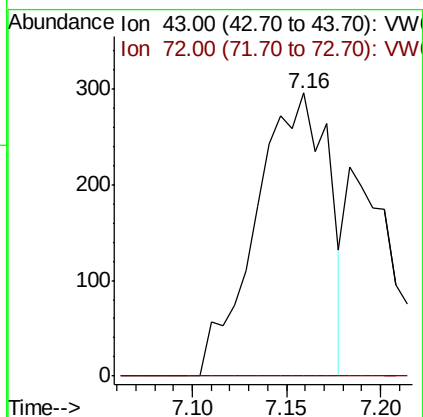
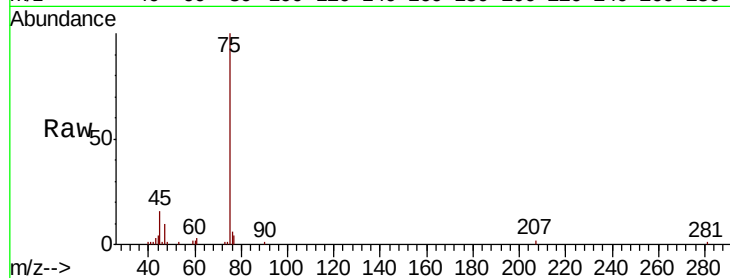
SA-SB-01A

Tot Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.350 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

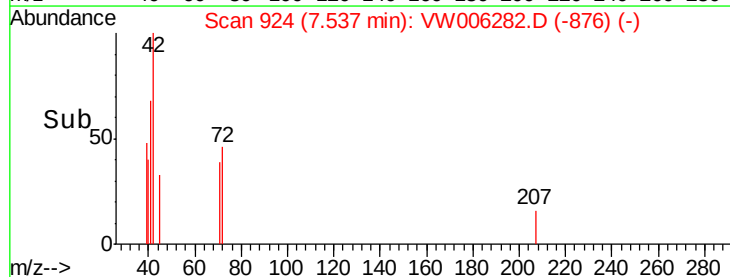
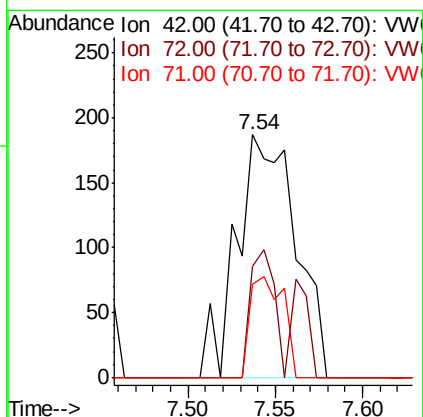
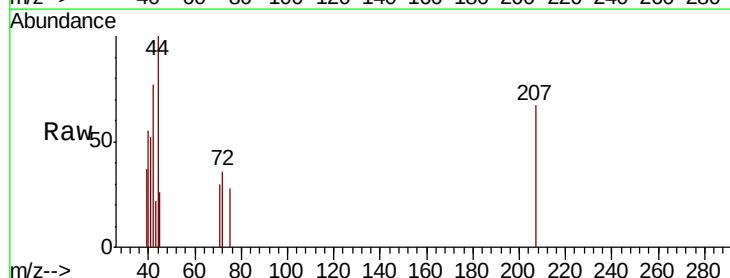
Tgt Ion: 42 Resp: 442

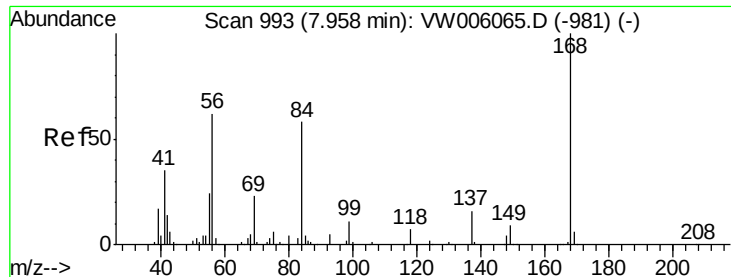
Ion Ratio Lower Upper

42 100

72 21.3 38.0 57.0#

71 23.1 35.3 52.9#

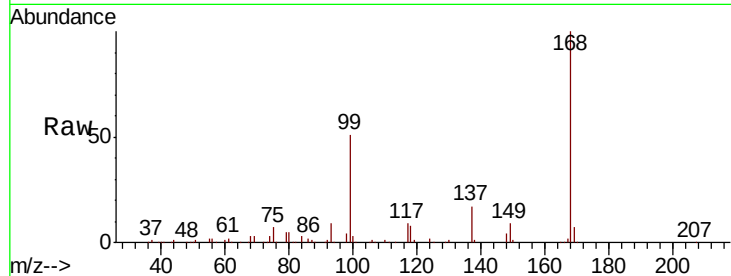




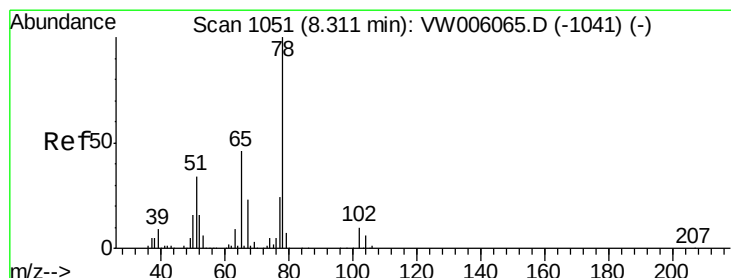
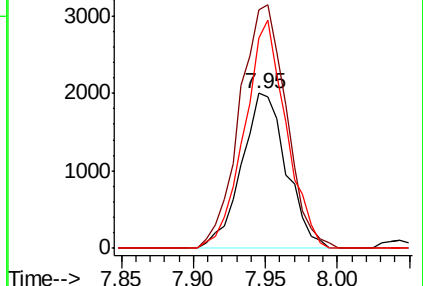
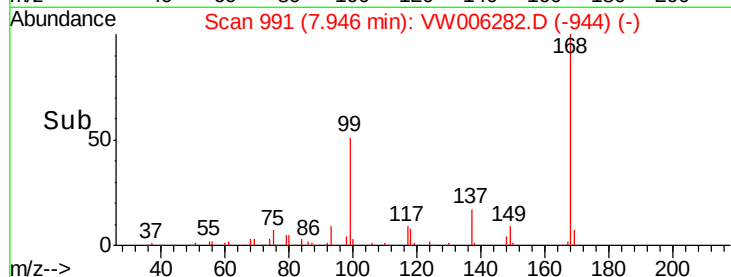
#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

Instrument :
MSVOA_W
ClientSampled :
SA-SB-01A

Tot Ion: 56 Resp: 4320
Ion Ratio Lower Upper
56 100
69 154.0 29.4 44.0#
84 136.1 74.0 111.0#

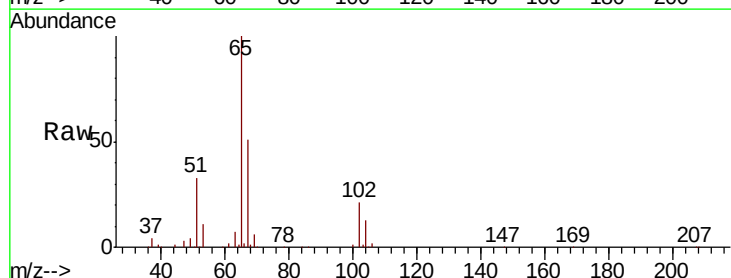


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

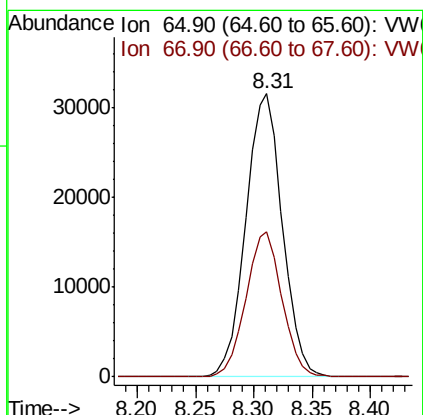
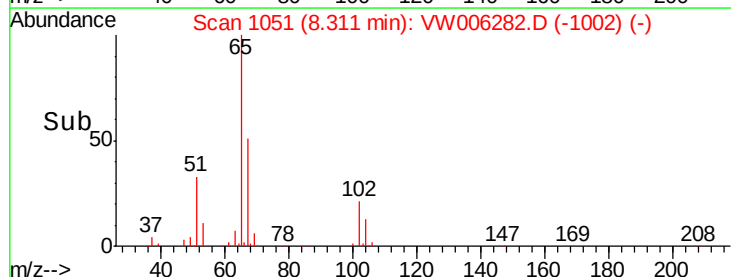


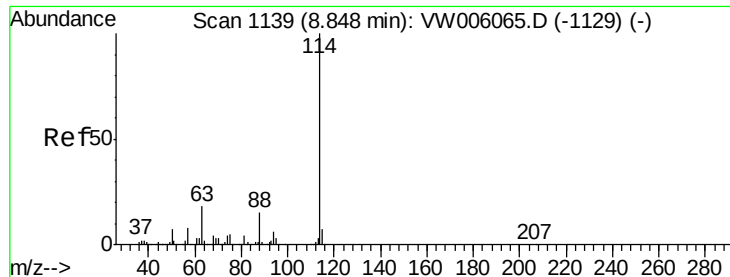
#33
1,2-Dichloroethane-d4
Concen: 34.822 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

Tgt Ion: 65 Resp: 68643
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.0



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

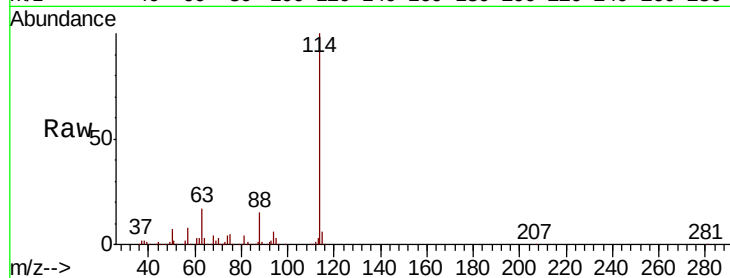




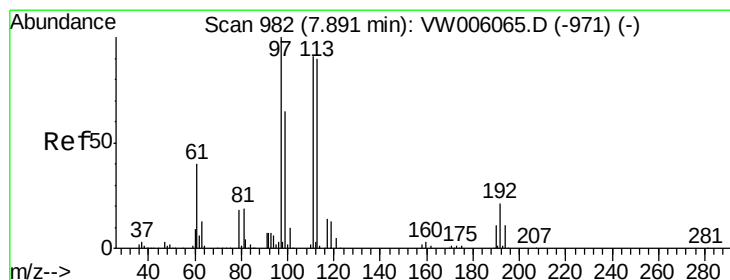
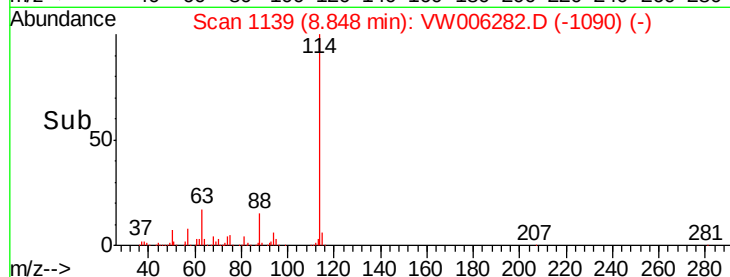
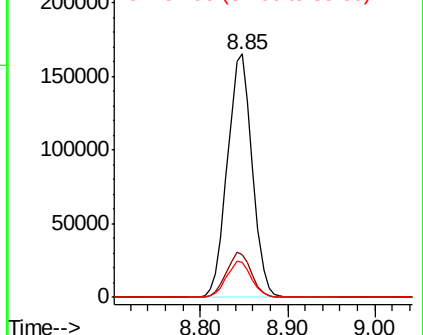
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006282.D
 Acq: 23 Oct 2018 06:38

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.6	0.0	29.0

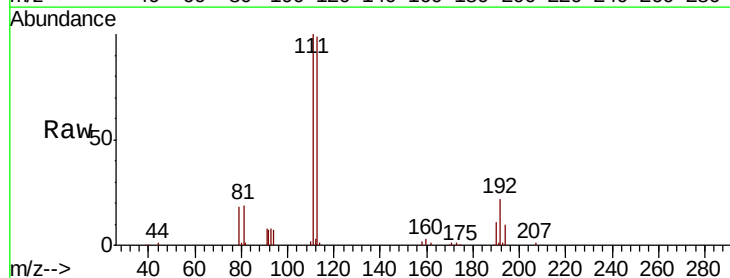


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

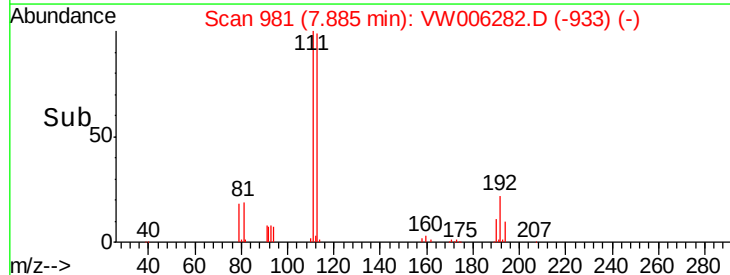
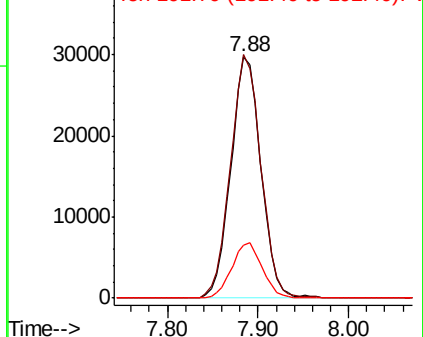


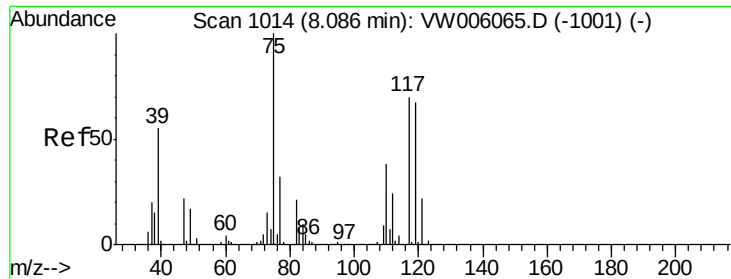
#35
 Dibromofluoromethane
 Concen: 35.534 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006282.D
 Acq: 23 Oct 2018 06:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	23.1	18.7	28.1



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

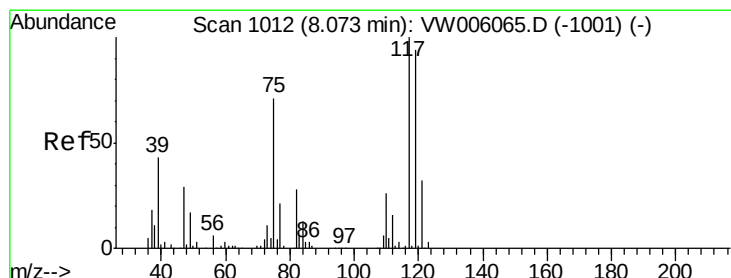
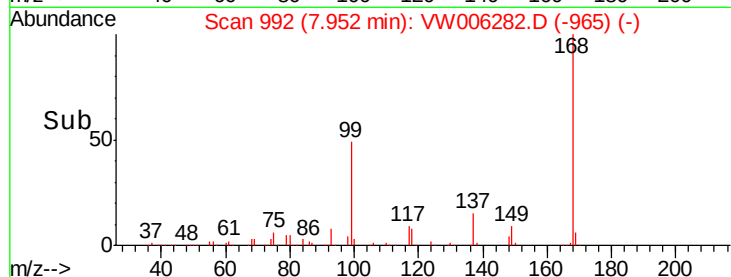
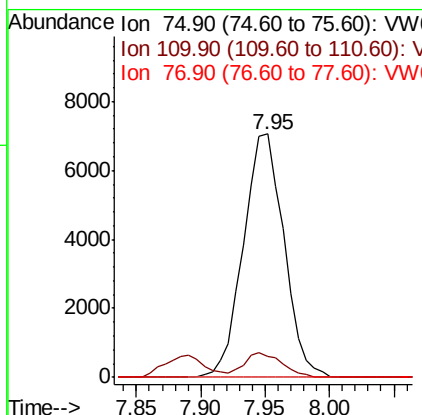
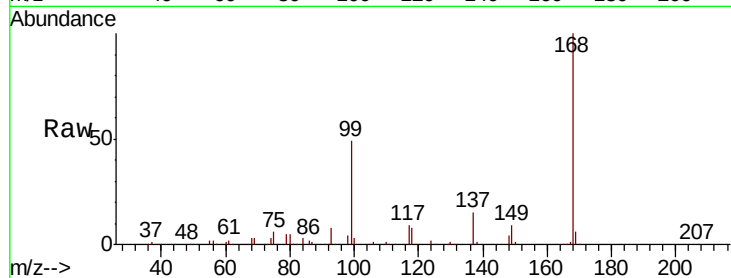




#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006282.D
 Acq: 23 Oct 2018 06:38

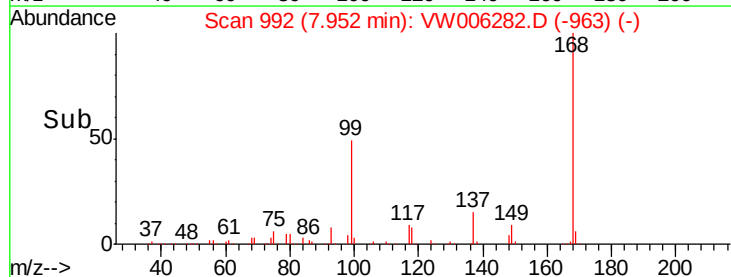
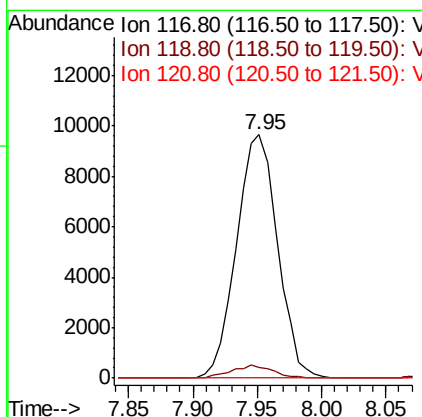
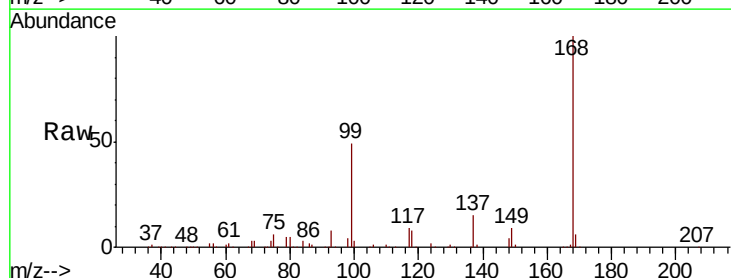
Instrument :
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 ClientSampled :
 SA-SB-01A

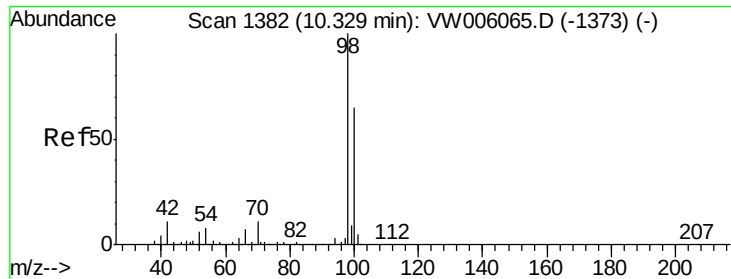
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.449 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006282.D
 Acq: 23 Oct 2018 06:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 28.310 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

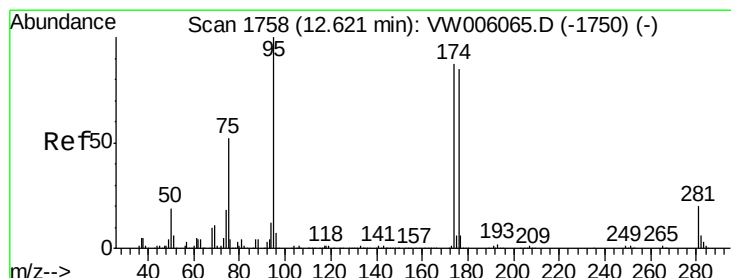
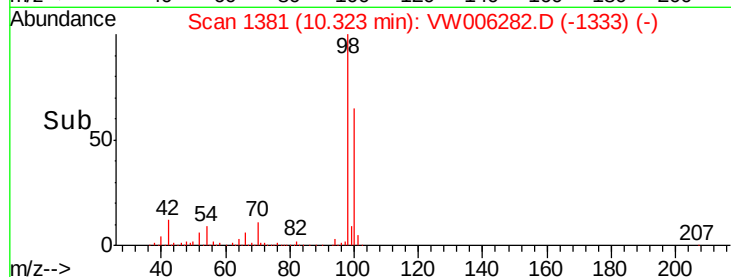
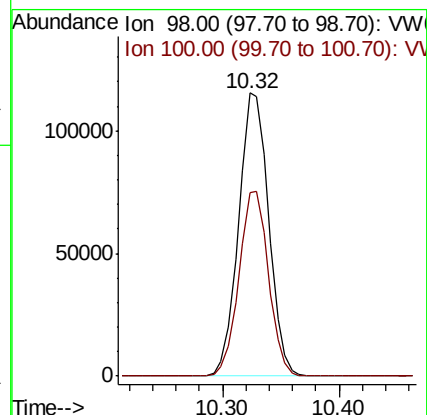
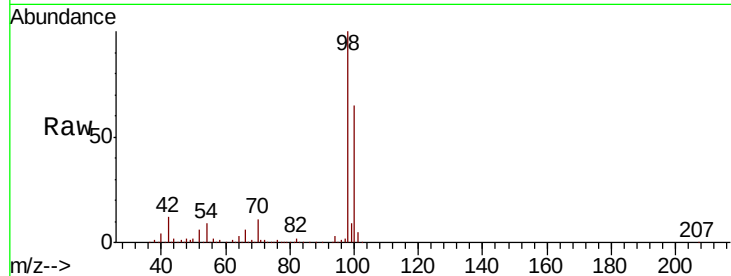
SA-SB-01A

Tot Ion: 98 Resp: 207699

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 22.093 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

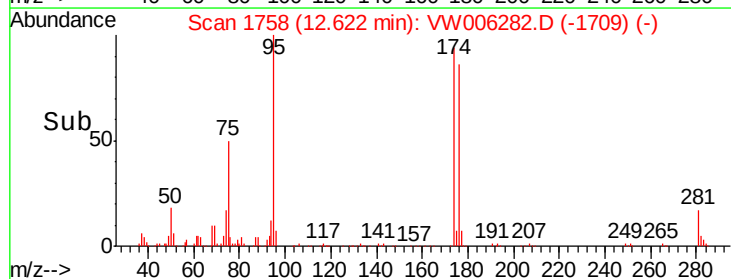
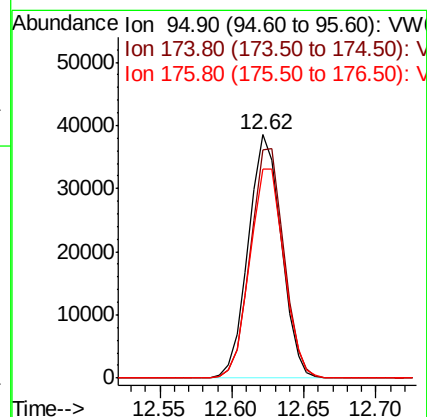
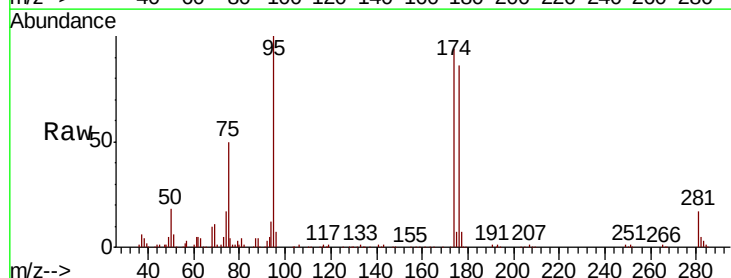
Tgt Ion: 95 Resp: 60877

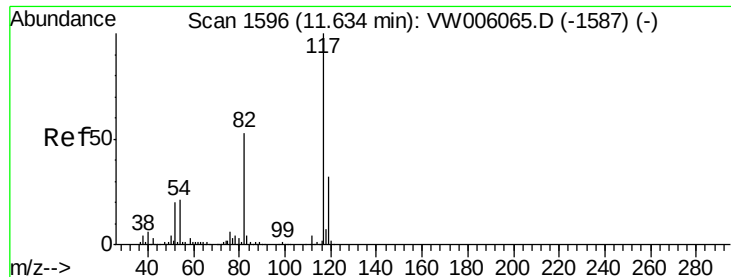
Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

176 89.6 0.0 181.6

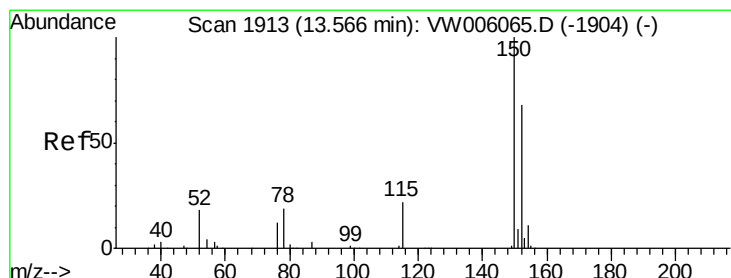
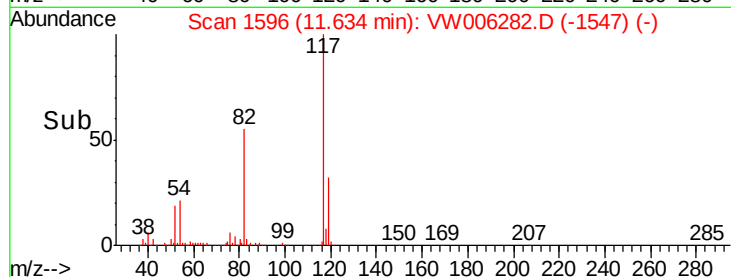
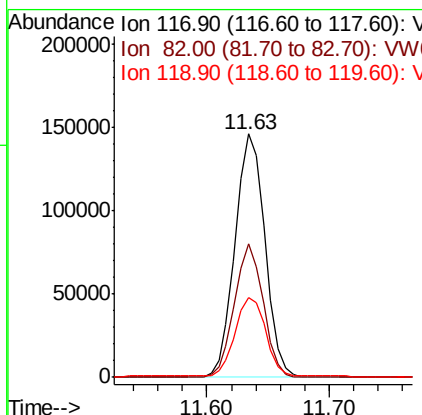
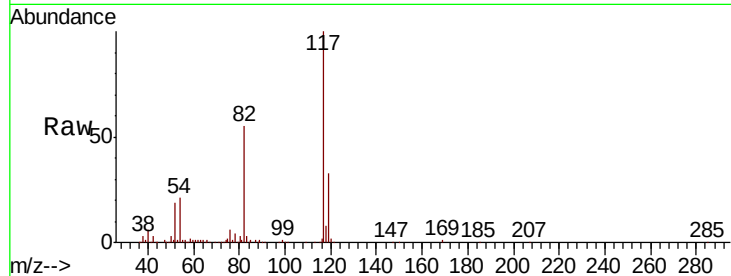




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

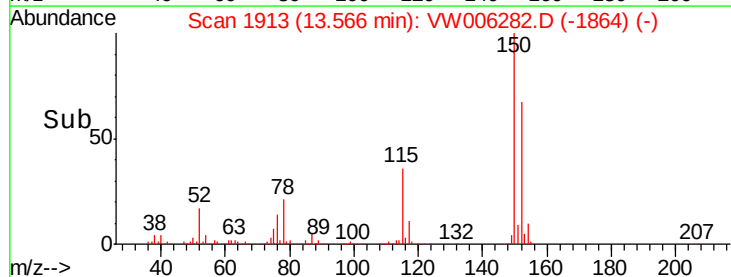
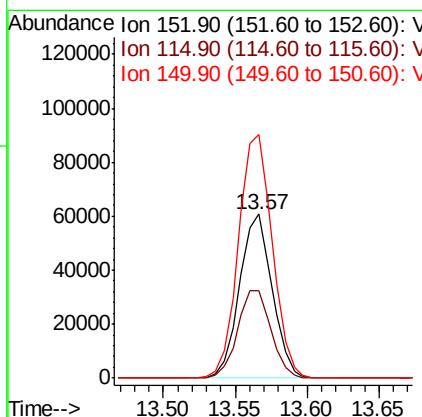
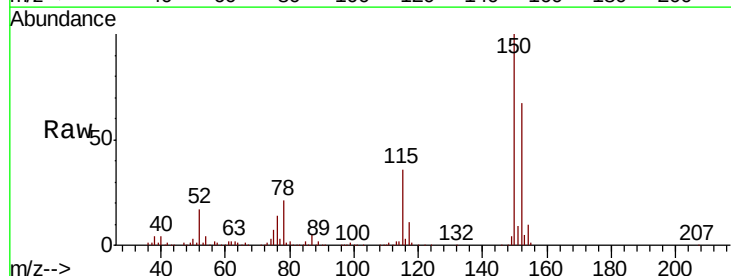
Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01A

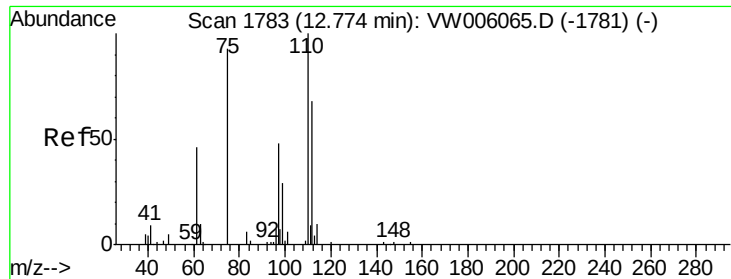
Tot Ion:117 Resp: 246514
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006282.D
Acq: 23 Oct 2018 06:38

Tgt Ion:152 Resp: 95151
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 153.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 42.827 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

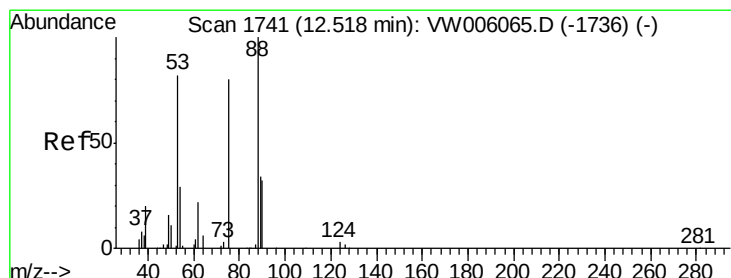
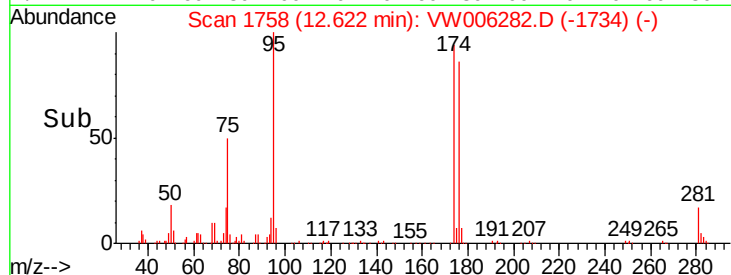
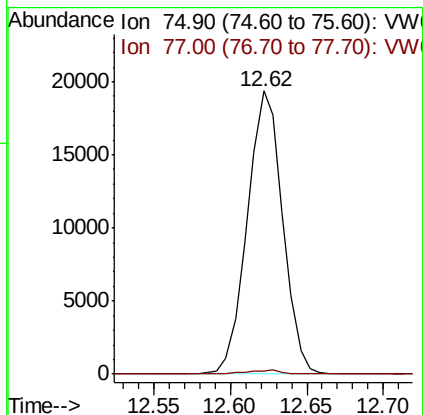
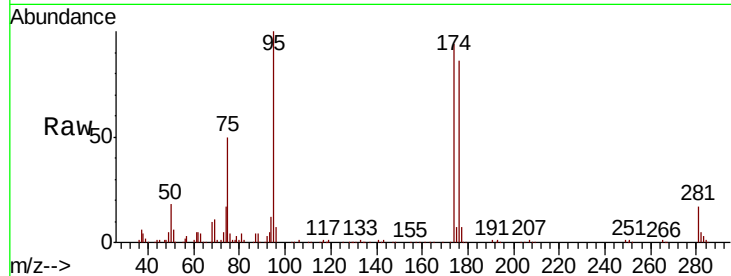
SA-SB-01A

Tot Ion: 75 Resp: 31125

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.373 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006282.D

Acq: 23 Oct 2018 06:38

Tgt Ion: 75 Resp: 31125

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 37.5 56.3#

