

Data File : VW008536.D
Acq On : 06 Feb 2019 19:01
Operator : SY/VA
Sample : K1385-07
Misc : 13.19G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-55-57

Quant Time: Feb 07 01:51:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	537801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	864069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	797547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	407573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	289585	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	274028	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.32	98	1018790	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	399999	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

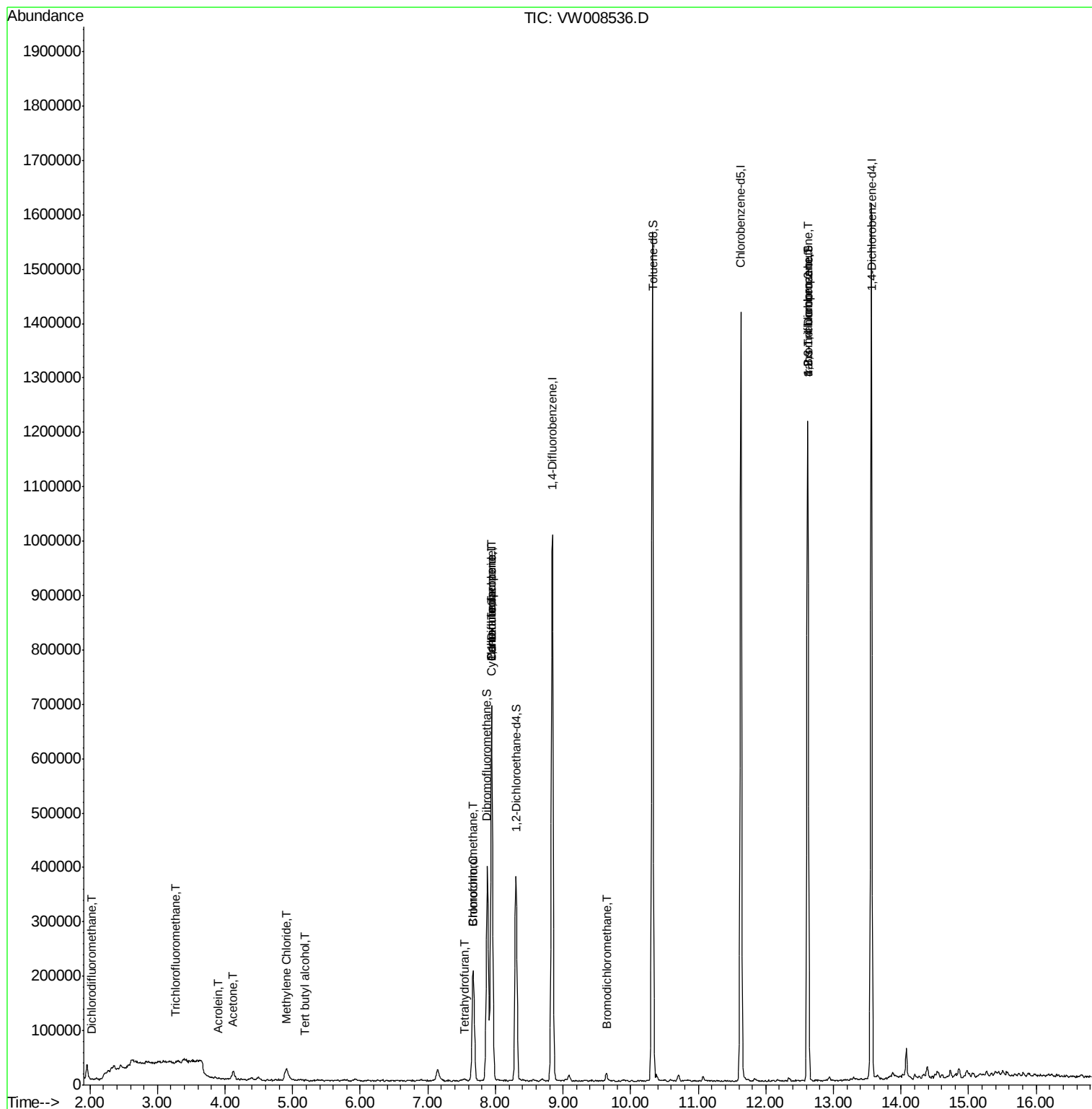
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.02	85	69	3.273	ug/l #	41
7) Trichlorofluoromethane	3.26	101	248	4.771	ug/l #	22
11) Tert butyl alcohol	5.18	59	602	1.415	ug/l #	25
13) Acrolein	3.90	56	108	4.468	ug/l #	14
16) Acetone	4.12	43	24902	20.988	ug/l	96
20) Methylene Chloride	4.90	84	18819	3.441	ug/l	94
28) Bromochloromethane	7.67	49	16175	3.512	ug/l #	15
29) Tetrahydrofuran	7.54	42	1666	1.595	ug/l	99
30) Chloroform	7.67	83	191591	19.425	ug/l	99
31) Cyclohexane	7.93	56	10434	1.006	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	38441	4.710	ug/l #	51
38) Carbon Tetrachloride	7.95	117	49295	6.002	ug/l #	17
47) Bromodichloromethane	9.65	83	9527	1.240	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	198057	55.892	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	198057	110.391	ug/l #	12

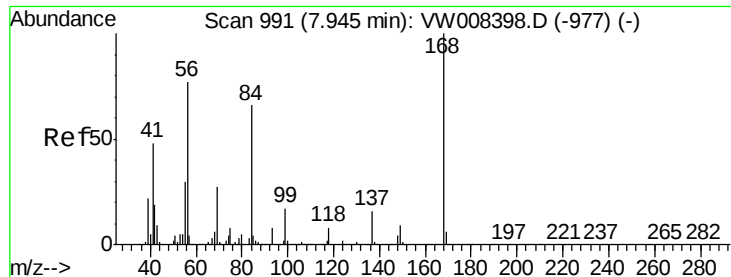
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

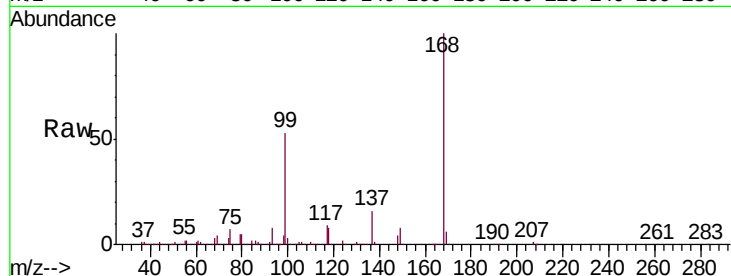
98-SB-01-55-57

Tgt Ion:168 Resp: 537801

Ion Ratio Lower Upper

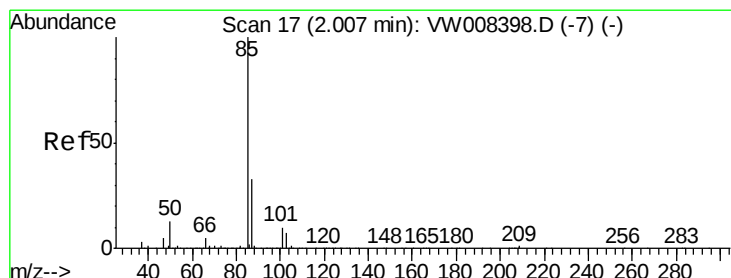
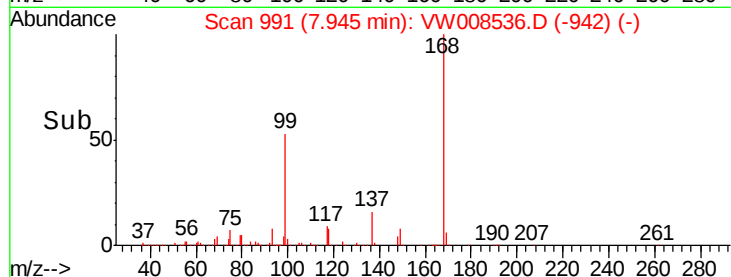
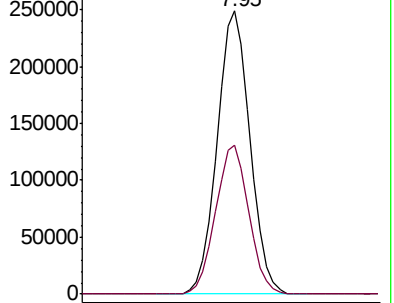
168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.273 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008536.D

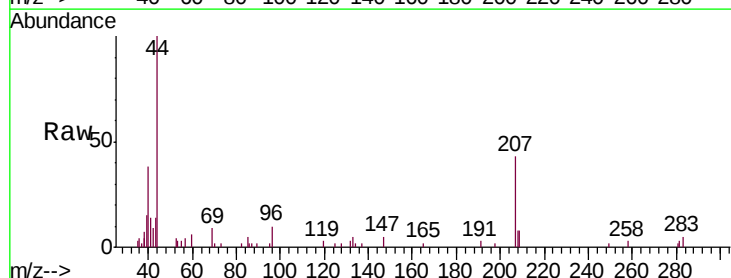
Acq: 06 Feb 2019 19:01

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

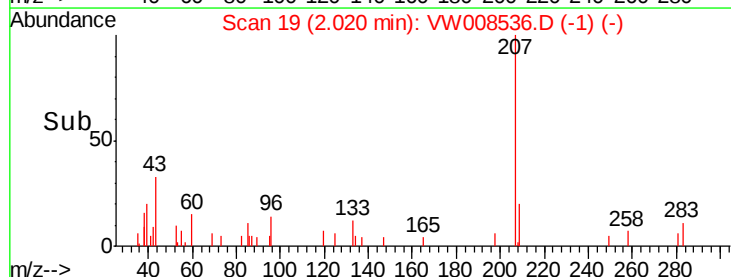
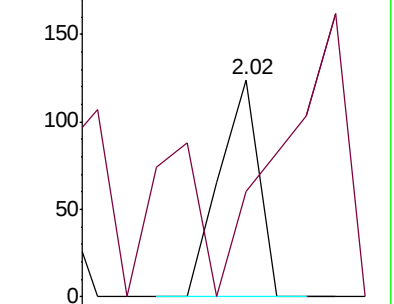
85 100

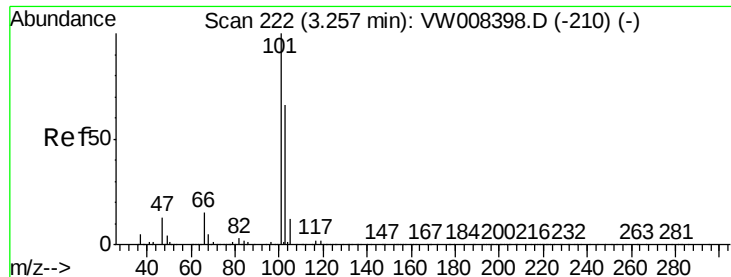
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



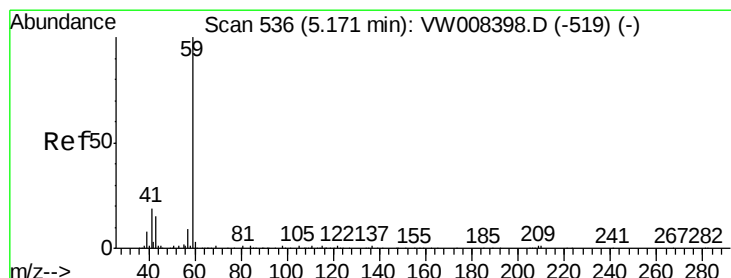
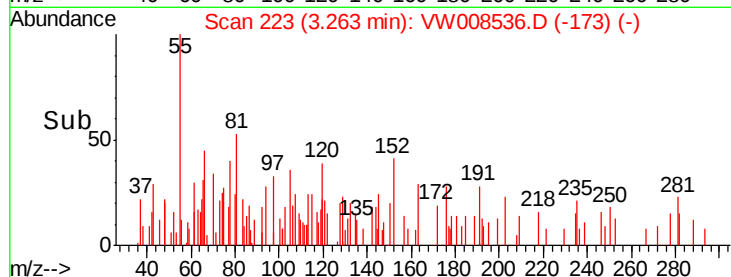
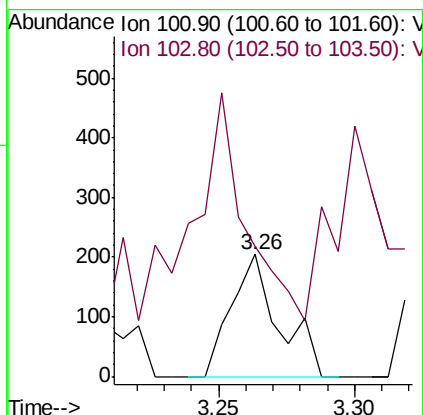
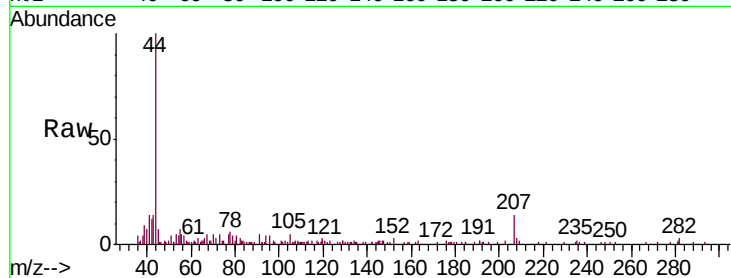


#7

Trichlorofluoromethane
 Concen: 4.771 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 98-SB-01-55-57

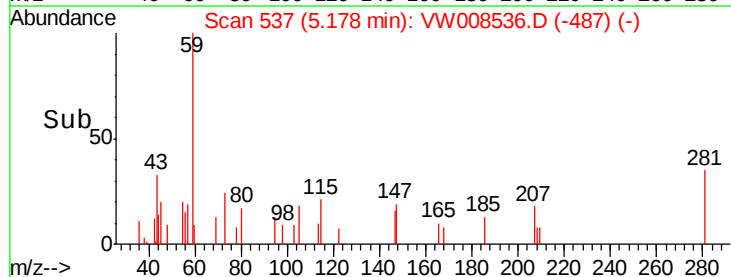
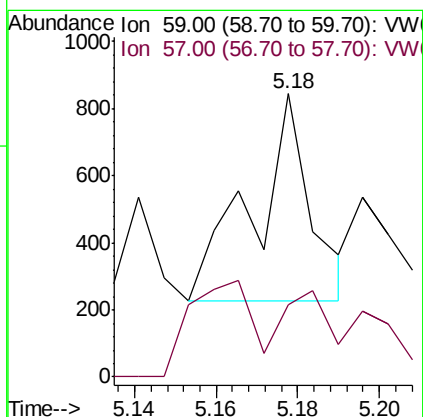
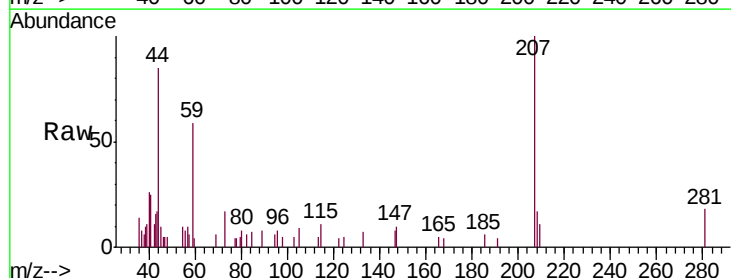
Tgt Ion: 101 Resp: 248
 Ion Ratio Lower Upper
 101 100
 103 3.4 52.5 78.7#

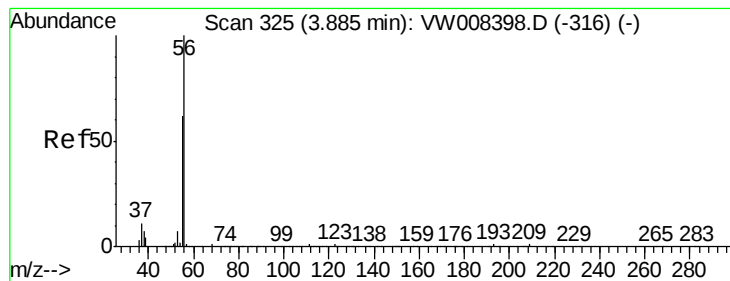


#11

Tert butyl alcohol
 Concen: 1.415 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

Tgt Ion: 59 Resp: 602
 Ion Ratio Lower Upper
 59 100
 57 40.4 9.3 13.9#





#13

Acrolein

Concen: 4.468 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

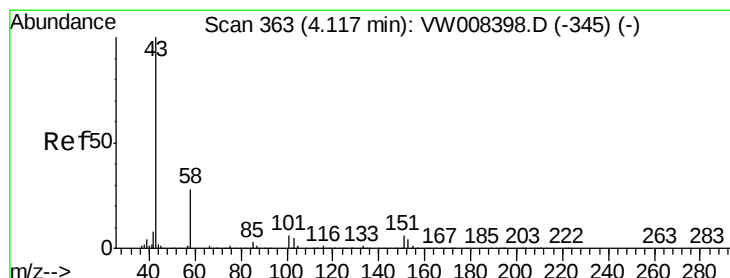
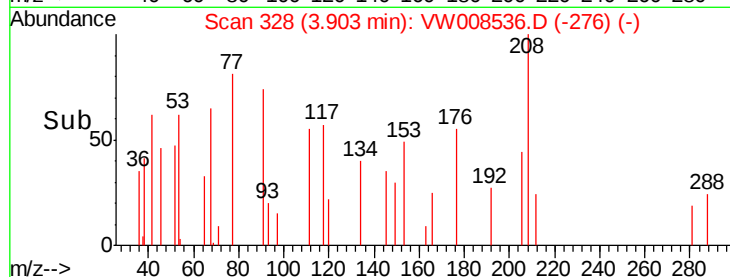
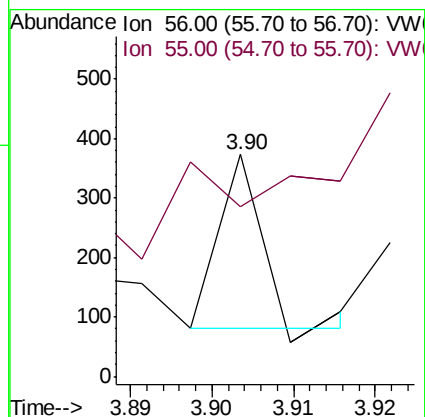
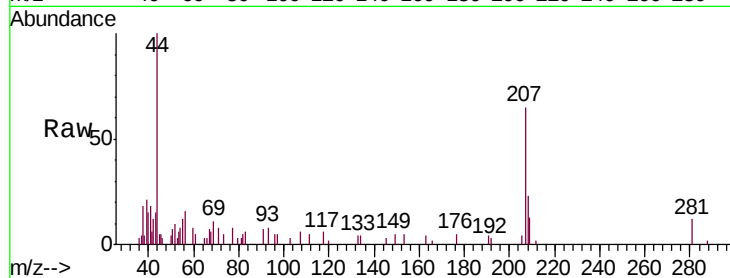
98-SB-01-55-57

Tgt Ion: 56 Resp: 108

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 20.988 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008536.D

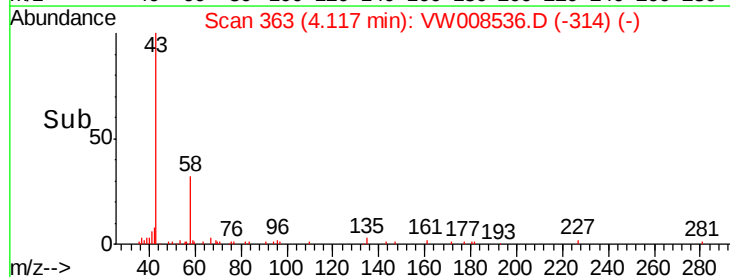
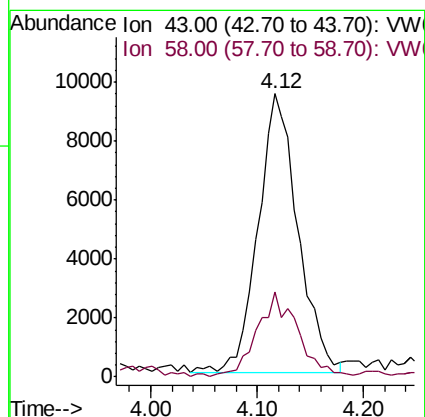
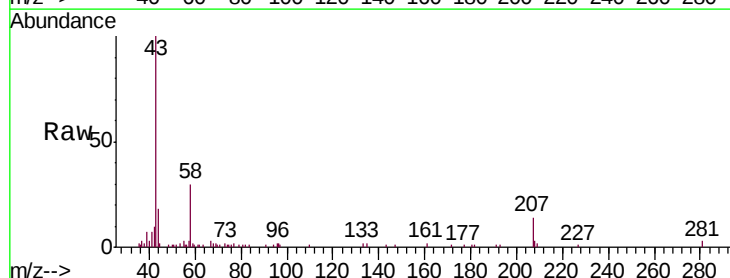
Acq: 06 Feb 2019 19:01

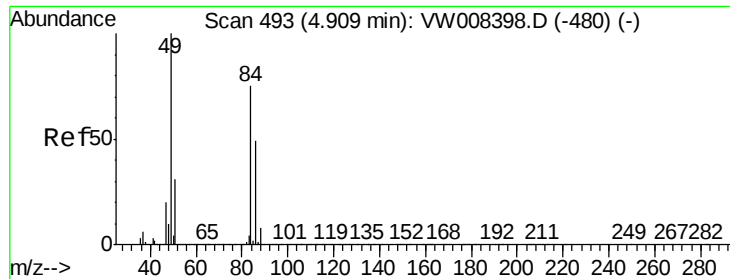
Tgt Ion: 43 Resp: 24902

Ion Ratio Lower Upper

43 100

58 30.6 22.6 34.0

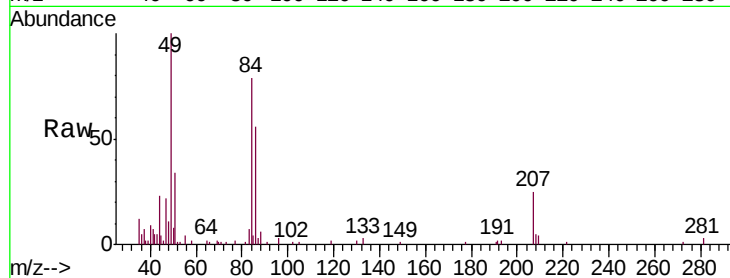




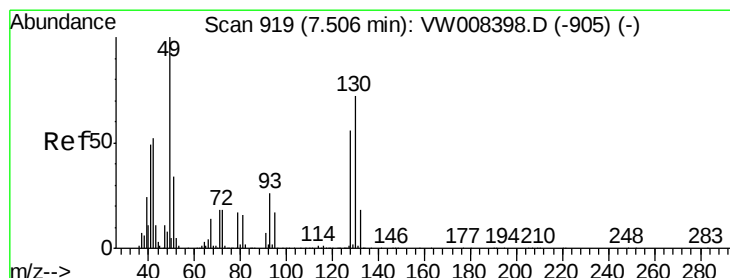
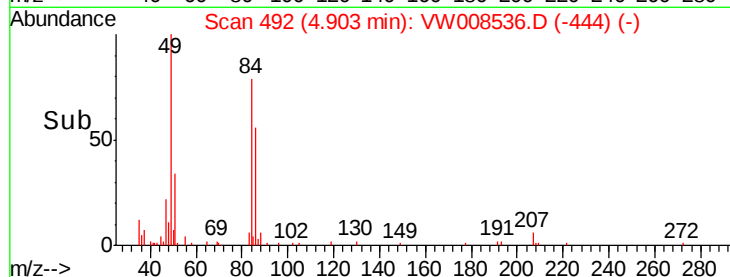
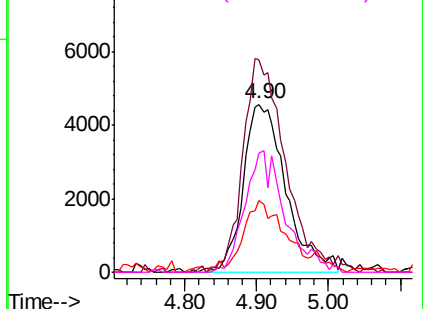
#20
Methylene Chloride
Concen: 3.441 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-55-57

Tgt Ion:	84	Resp:	18819
Ion	Ratio	Lower	Upper
84	100		
49	126.4	106.8	160.2
51	40.6	32.9	49.3
86	71.3	52.2	78.2

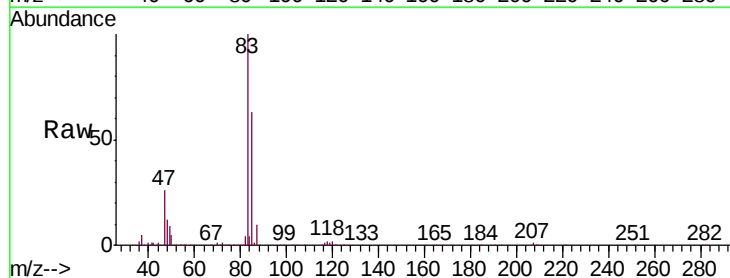


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

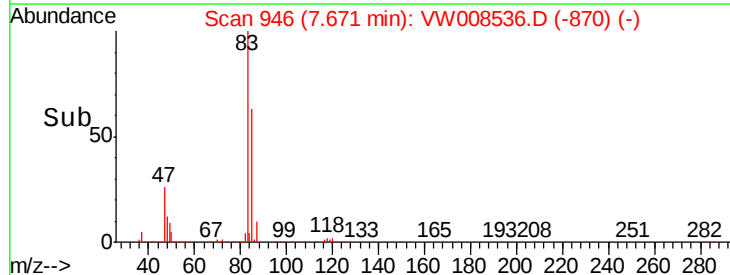
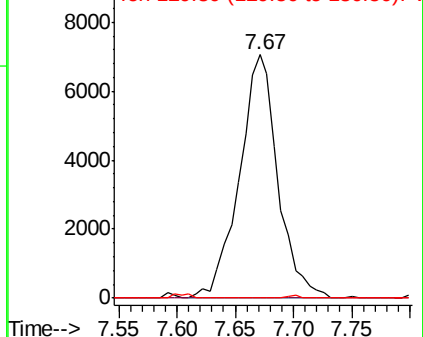


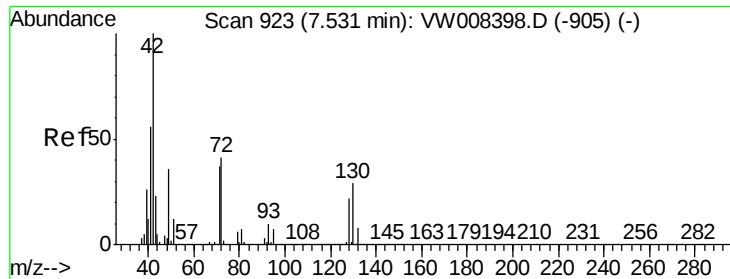
#28
Bromochloromethane
Concen: 3.512 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.16 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Tgt Ion:	49	Resp:	16175
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	58.6	87.8#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 1.595 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

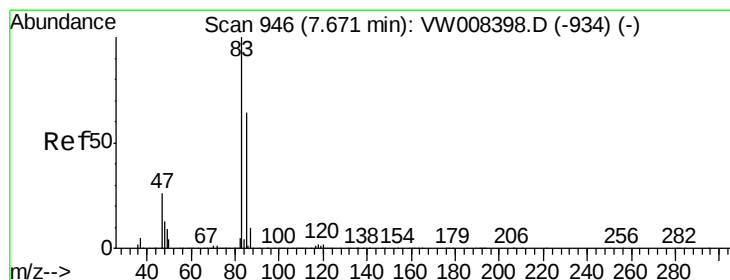
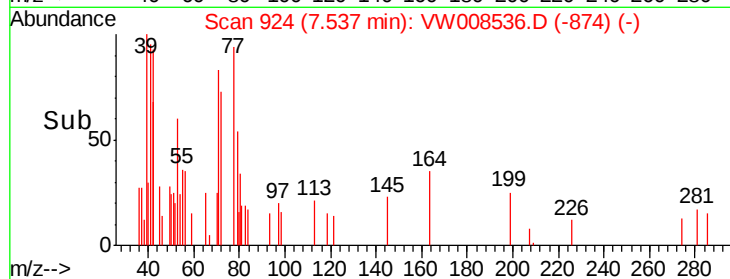
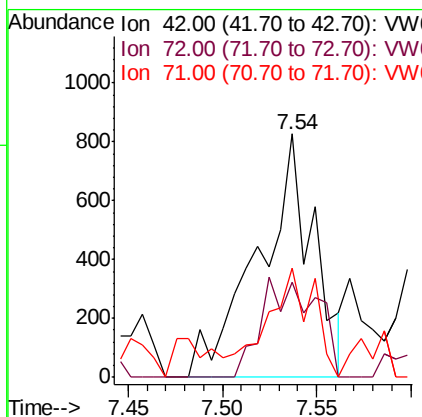
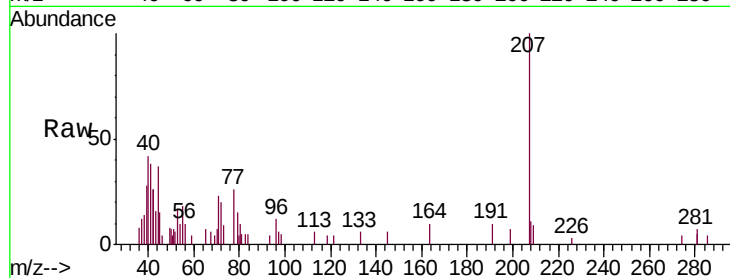
Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-55-57

Tgt Ion:	42	Resp:	1666
Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.9	47.9
71	38.0	29.9	44.9



#30

Chloroform

Concen: 19.425 ug/l

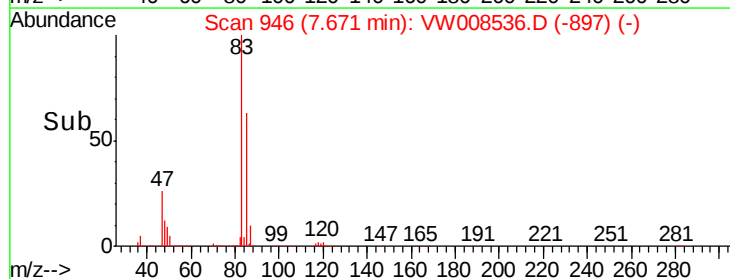
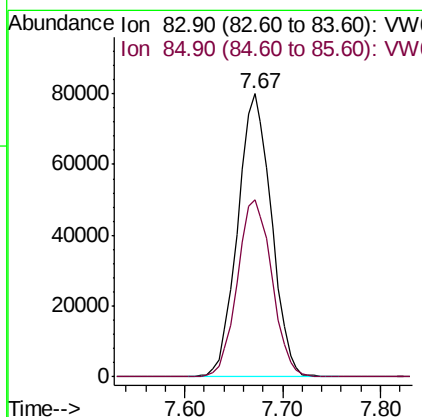
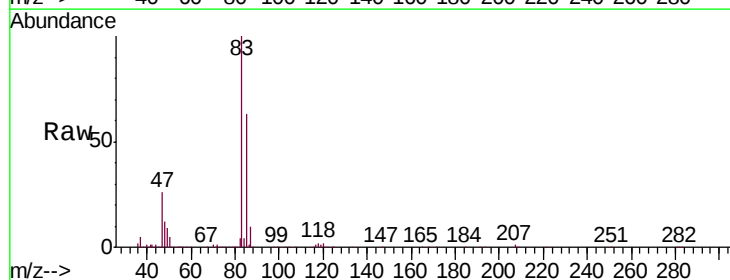
RT: 7.67 min Scan# 946

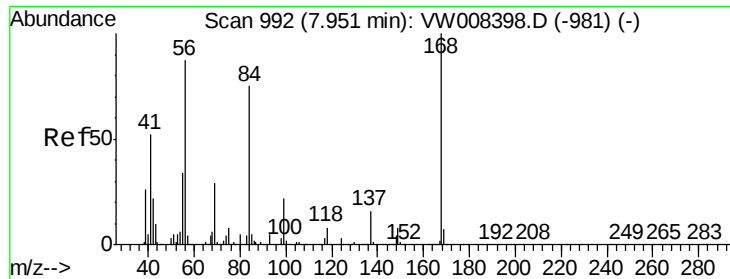
Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Tgt Ion:	83	Resp:	191591
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3

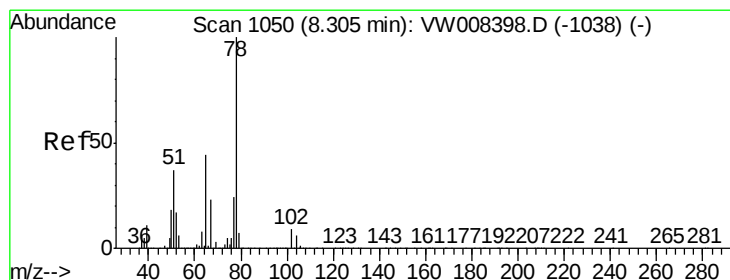
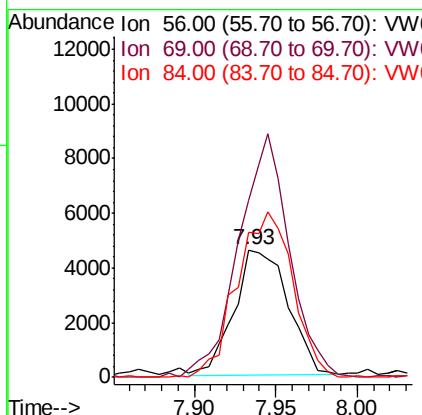
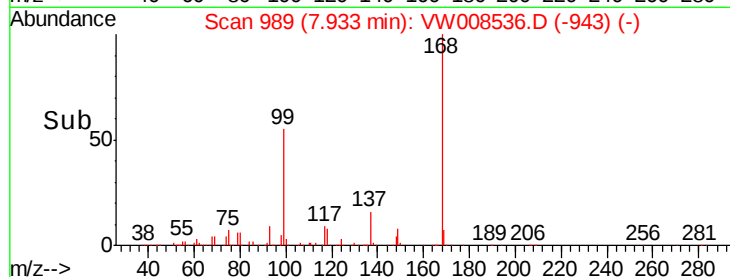
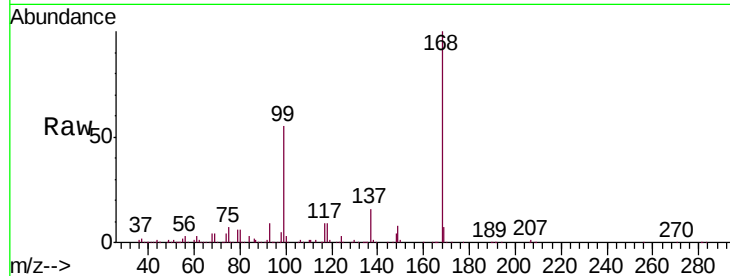




#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

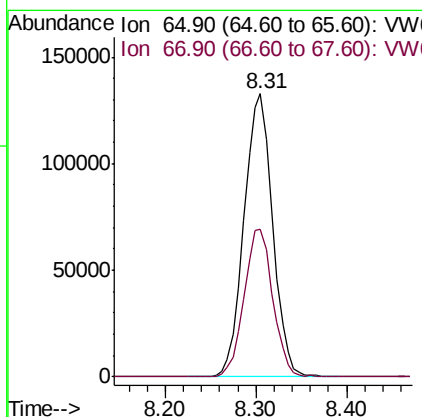
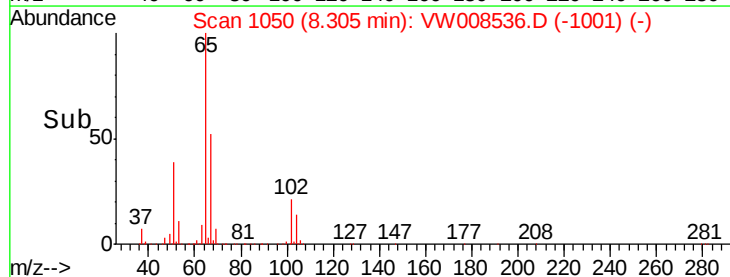
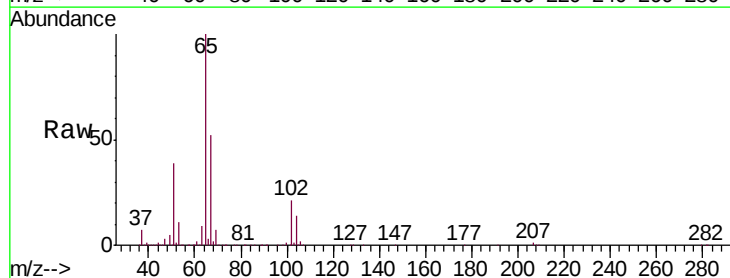
Instrument :
MSVOA_W
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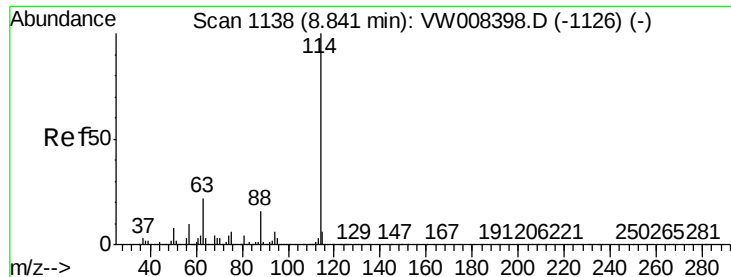
Tgt Ion: 56 Resp: 10434
Ion Ratio Lower Upper
56 100
69 139.9 26.4 39.6#
84 116.4 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 54.810 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Tgt Ion: 65 Resp: 289585
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

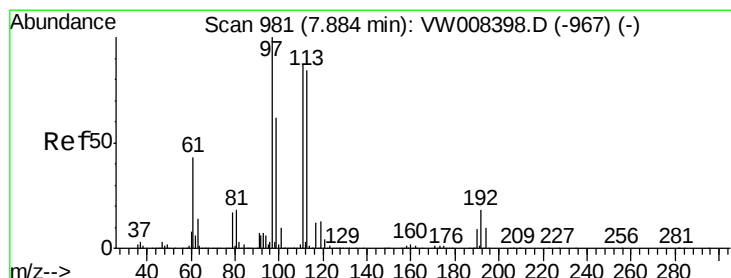
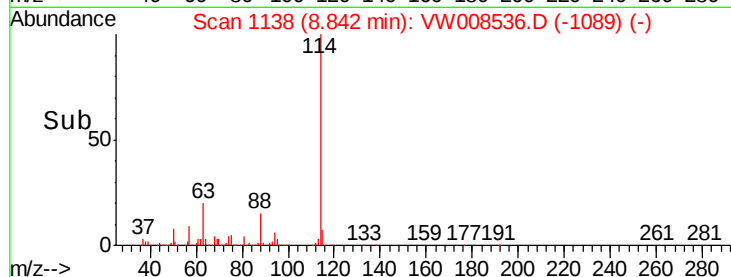
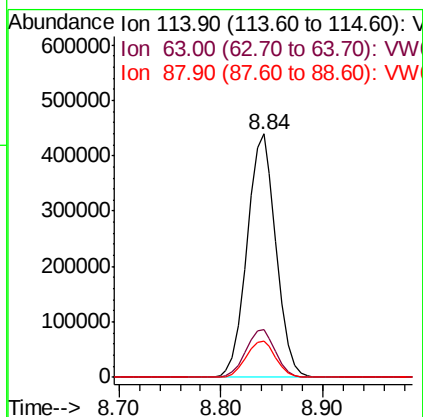
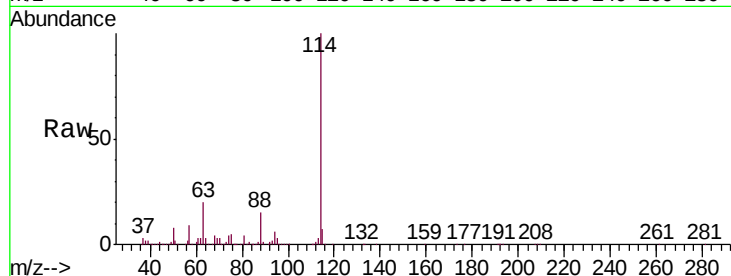




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

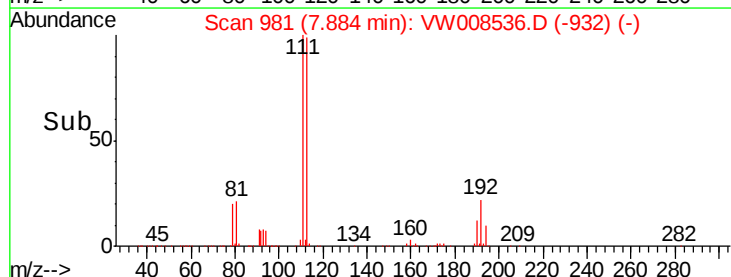
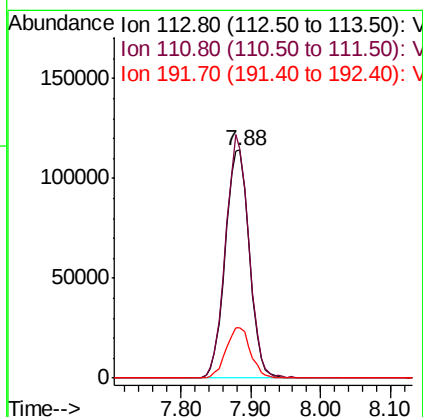
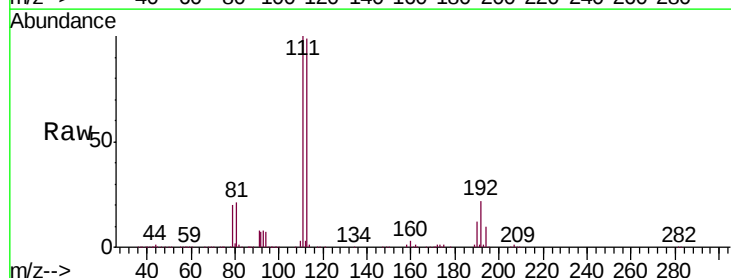
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-55-57

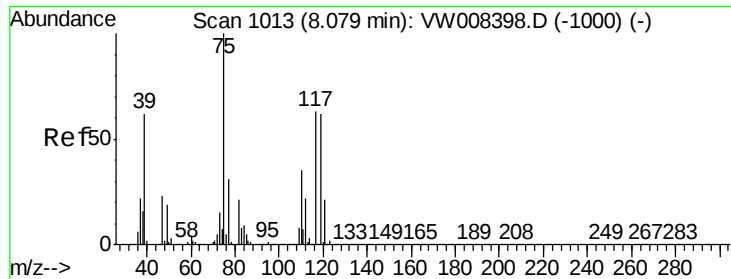
Tgt Ion:	114	Resp:	864069
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.6
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.236 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Tgt Ion:	113	Resp:	274028
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	22.3	16.8	25.2

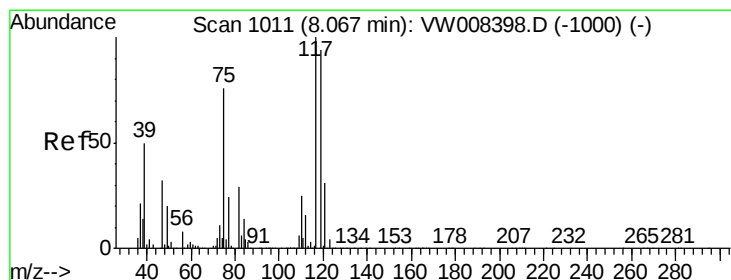
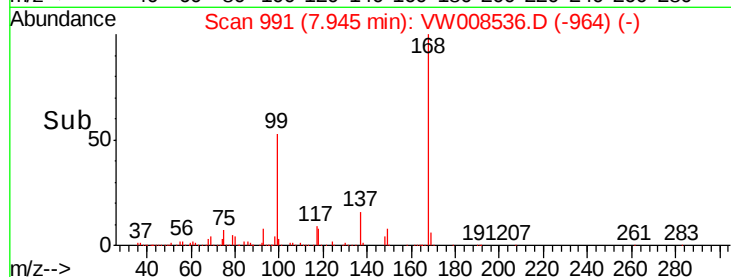
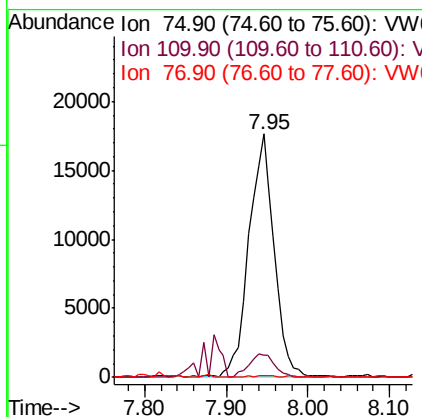
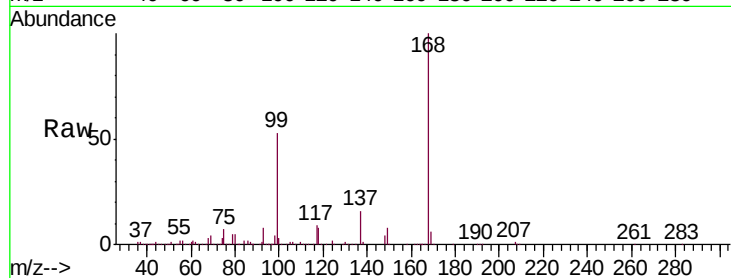




#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

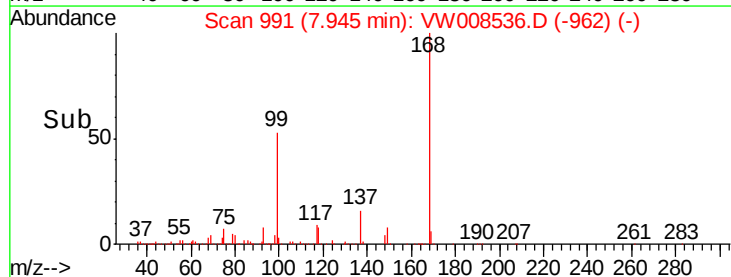
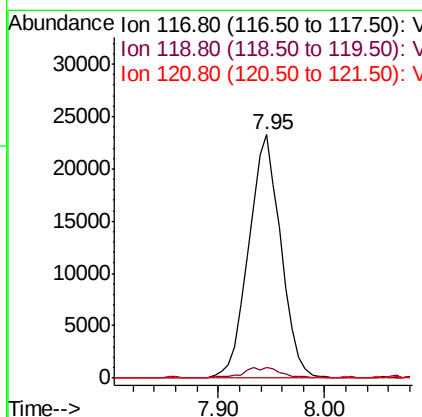
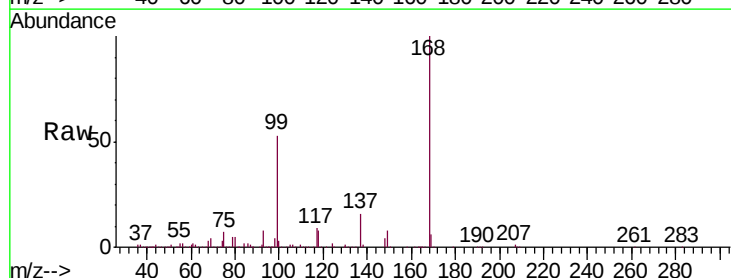
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-55-57

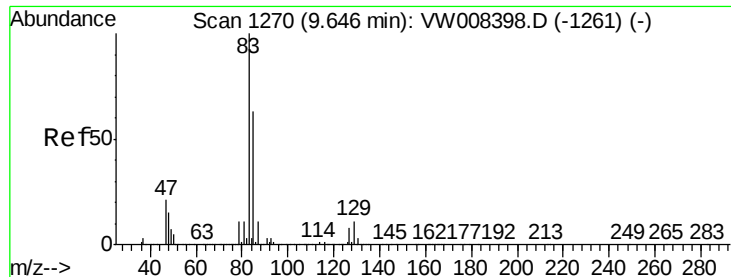
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	52.0#
77	0.8	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.002 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.0	112.4#
121	0.3	24.9	37.3#





#47

Bromodichloromethane

Concen: 1.240 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-55-57

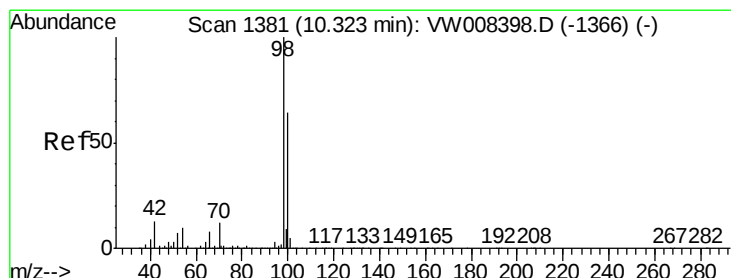
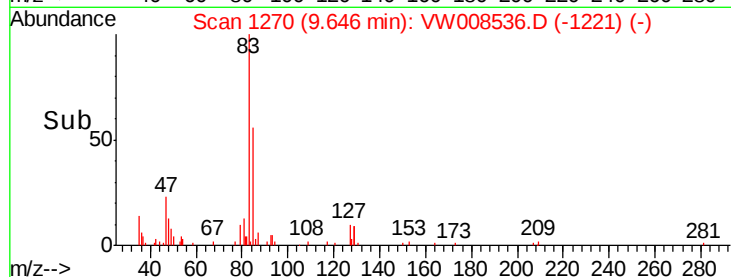
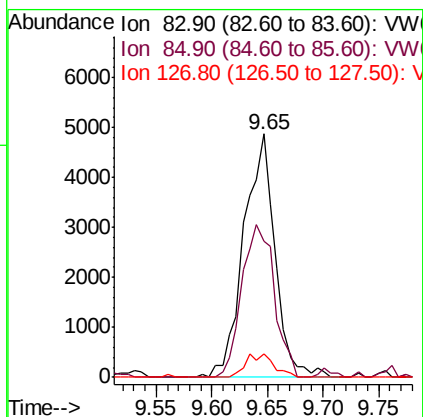
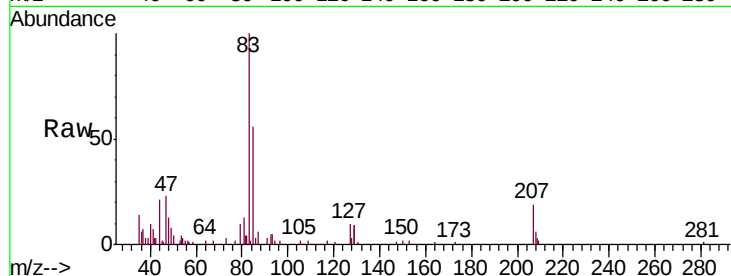
Tgt Ion: 83 Resp: 9527

Ion Ratio Lower Upper

83 100

85 56.0 50.8 76.2

127 9.8 6.8 10.2



#50

Toluene-d8

Concen: 50.284 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008536.D

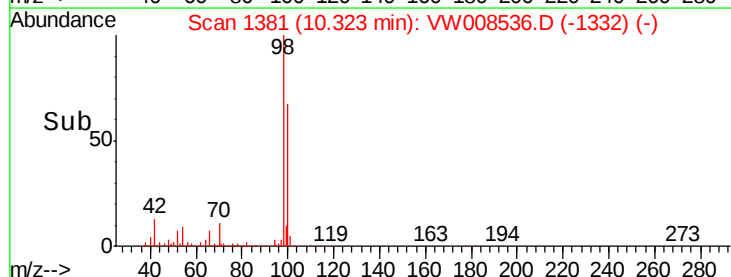
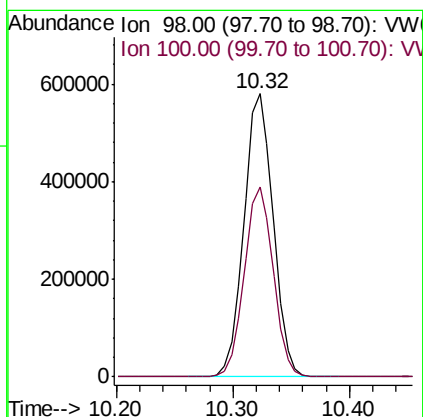
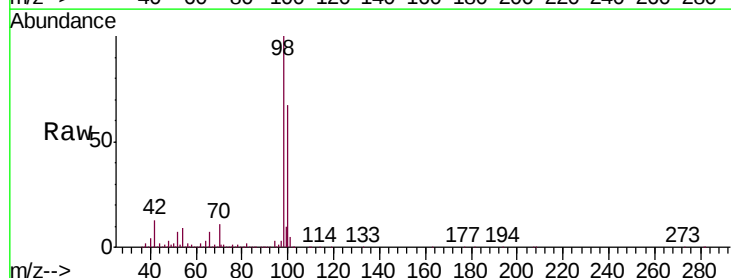
Acq: 06 Feb 2019 19:01

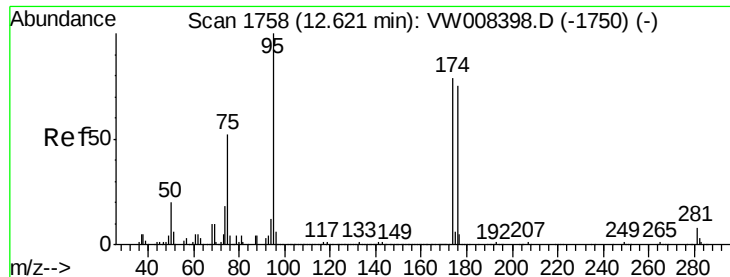
Tgt Ion: 98 Resp: 1018790

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

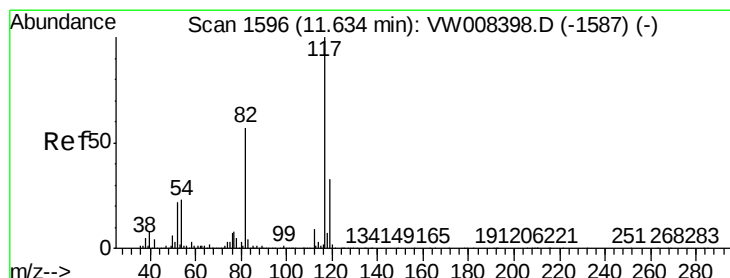
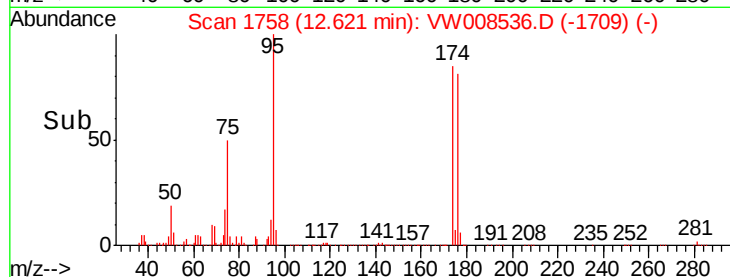
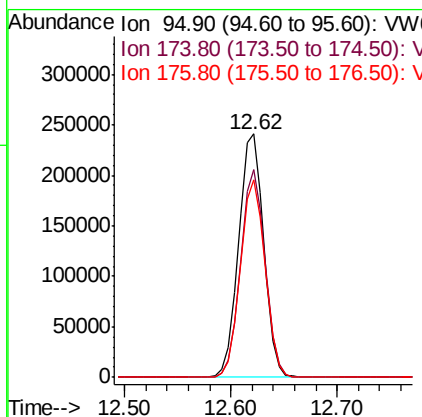
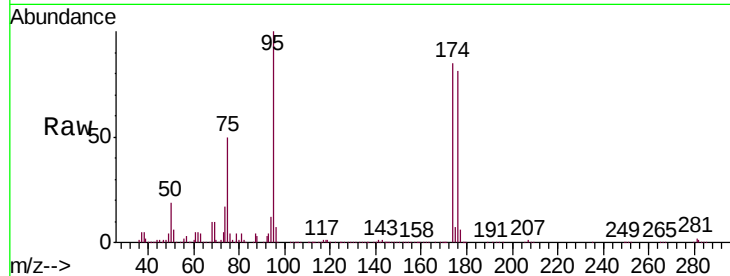




#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

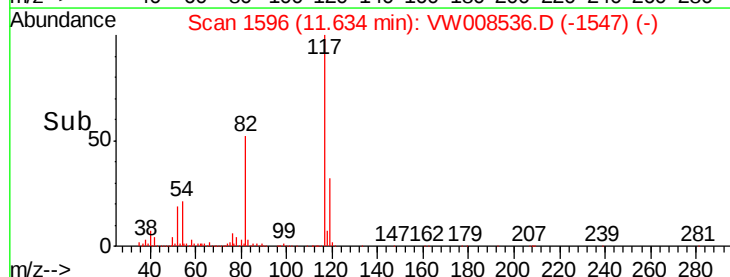
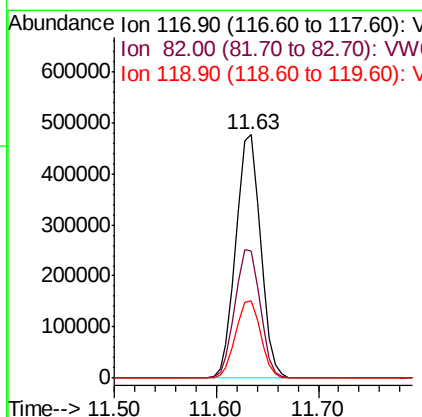
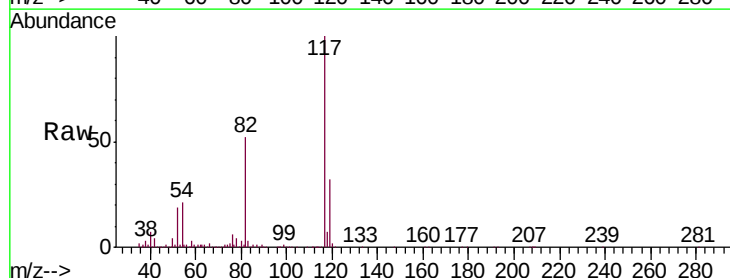
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-55-57

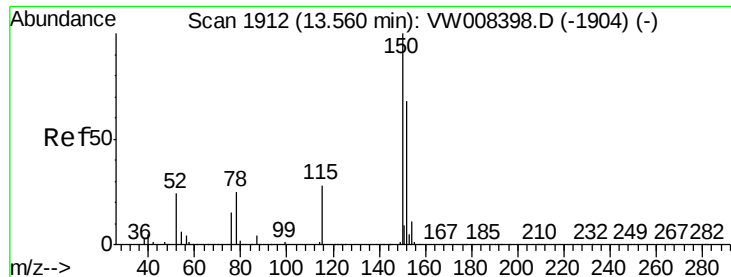
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	157.6
176	80.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.4	68.0
119	31.6	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-55-57

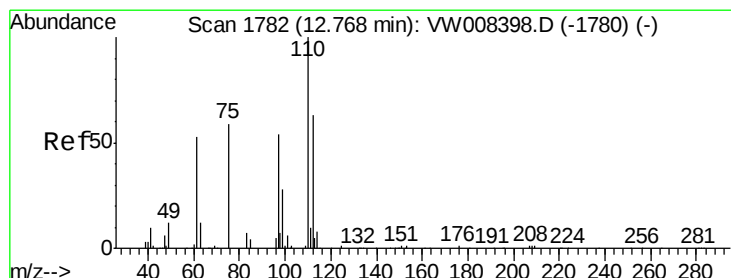
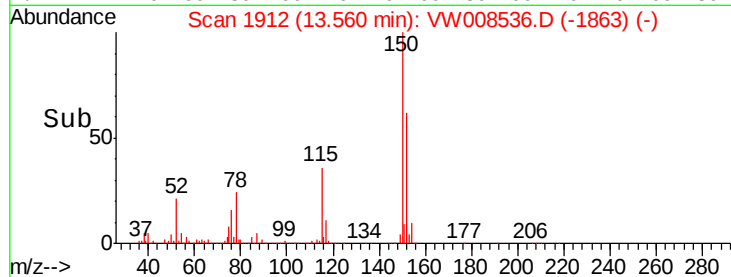
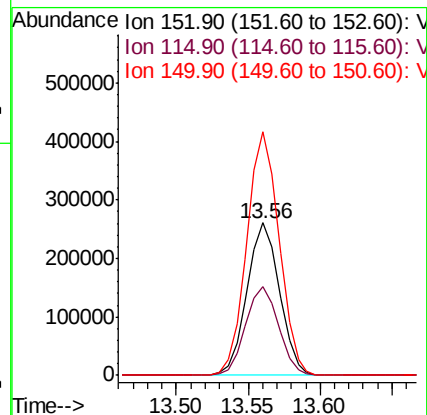
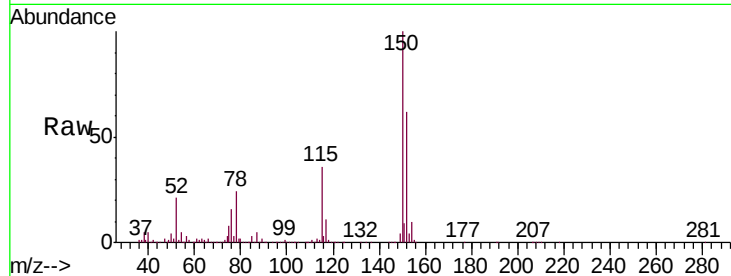
Tgt Ion:152 Resp: 407573

Ion Ratio Lower Upper

152 100

115 58.8 29.9 89.7

150 158.9 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 55.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008536.D

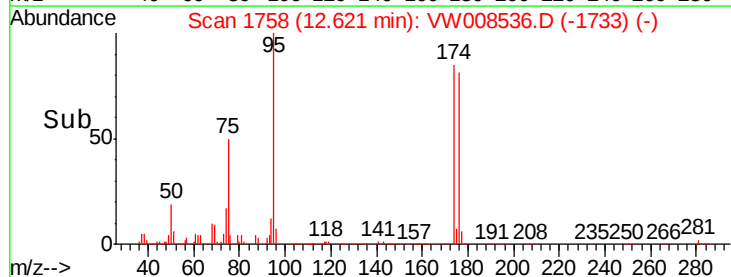
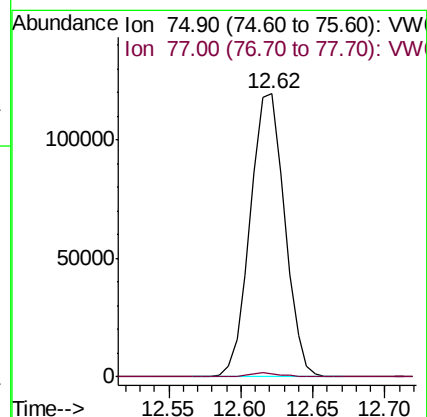
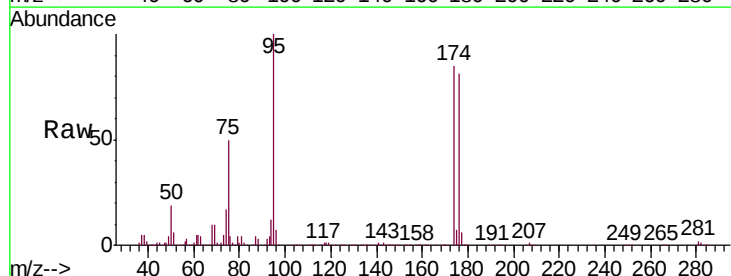
Acq: 06 Feb 2019 19:01

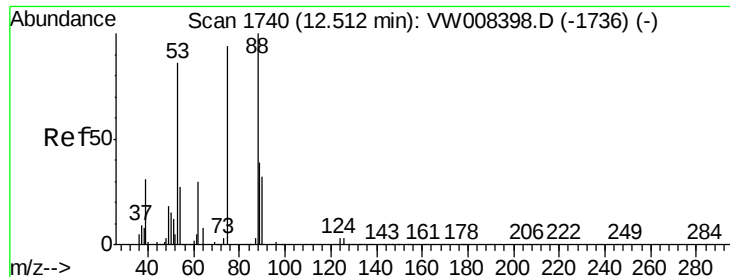
Tgt Ion: 75 Resp: 198057

Ion Ratio Lower Upper

75 100

77 1.3 180.7 542.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 110.391 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-55-57

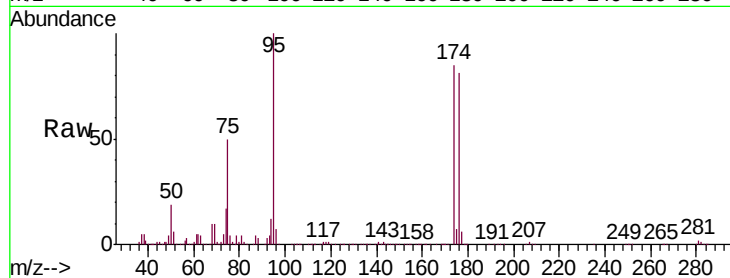
Tgt Ion: 75 Resp: 198057

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 35.4 53.0#



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

