

Data File : VW008468.D
Acq On : 30 Jan 2019 16:18
Operator : SY/VA
Sample : K1282-25
Misc : 5.26G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-7

Quant Time: Jan 31 00:28:27 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	343554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	530005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	185071	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
35) Dibromofluoromethane	7.88	113	185546	59.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.74%	
50) Toluene-d8	10.32	98	593511	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.62	95	117735	24.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.30%	

Target Compounds

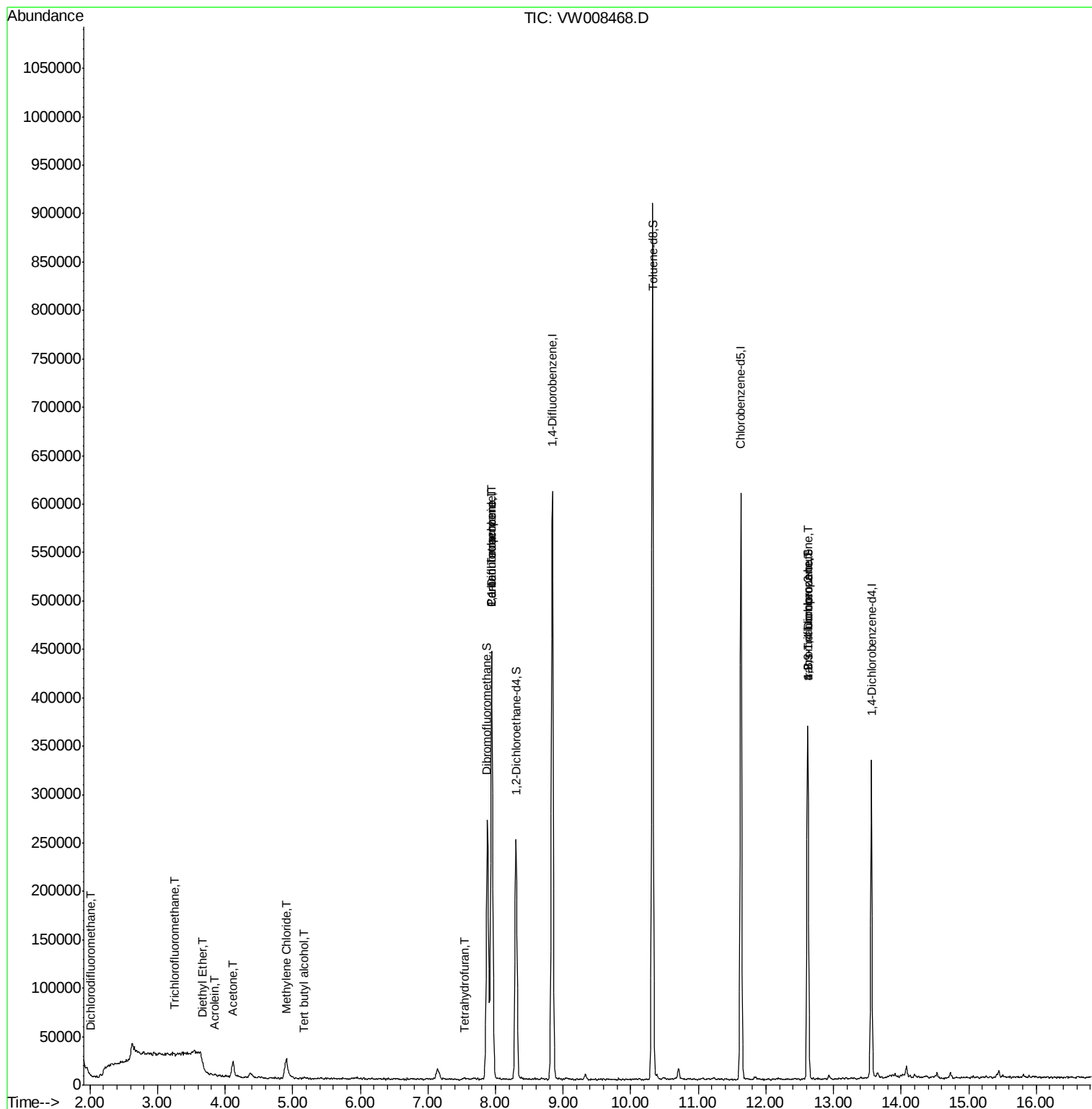
						Qvalue
2) Dichlorodifluoromethane	2.01	85	65	3.283	ug/l #	41
7) Trichlorofluoromethane	3.26	101	114	4.758	ug/l	94
8) Diethyl Ether	3.67	74	2202	1.285	ug/l	89
11) Tert butyl alcohol	5.18	59	913	3.360	ug/l #	80
13) Acrolein	3.85	56	76	4.497	ug/l #	1
16) Acetone	4.12	43	27134	35.800	ug/l	91
20) Methylene Chloride	4.90	84	15545	4.450	ug/l #	85
29) Tetrahydrofuran	7.54	42	965	1.447	ug/l #	87
36) 1,1-Dichloropropene	7.95	75	23579	4.710	ug/l #	52
38) Carbon Tetrachloride	7.94	117	31563	6.265	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57234	81.092	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	57234	160.162	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: VW008468.D

Acq: 30 Jan 2019 16:18

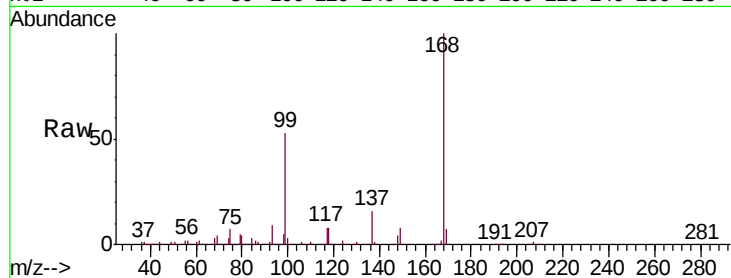
Instrument :
MSVOA_W
ClientSampleId :
TP-7

Tgt Ion: 168 Resp: 343554

Ion Ratio Lower Upper

168 100

99 53.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

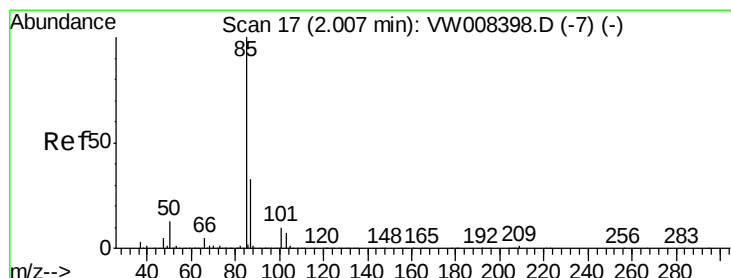
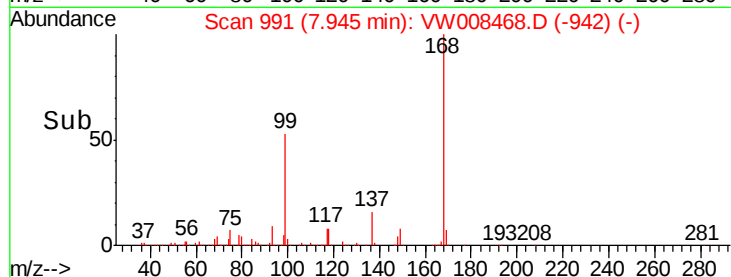
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.283 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008468.D

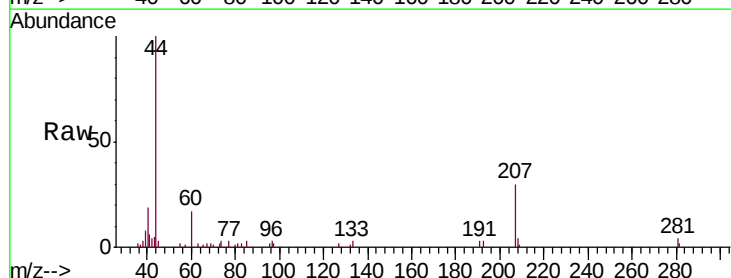
Acq: 30 Jan 2019 16:18

Tgt Ion: 85 Resp: 65

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

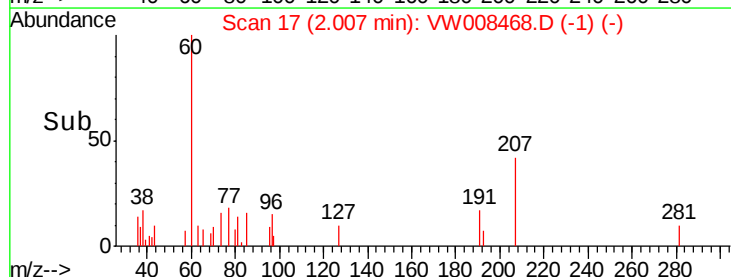
2.01

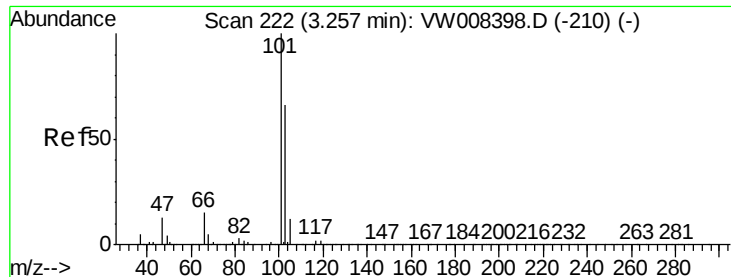
100

50

0

Time--> 1.99 2.00 2.01 2.02 2.03



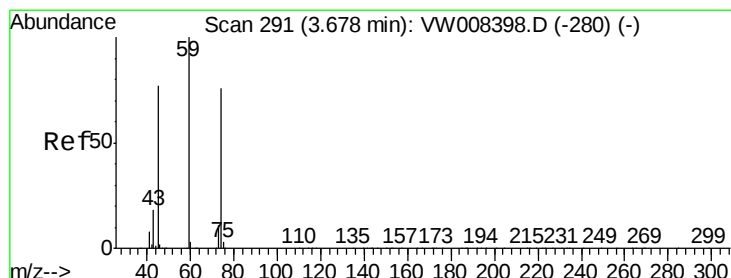
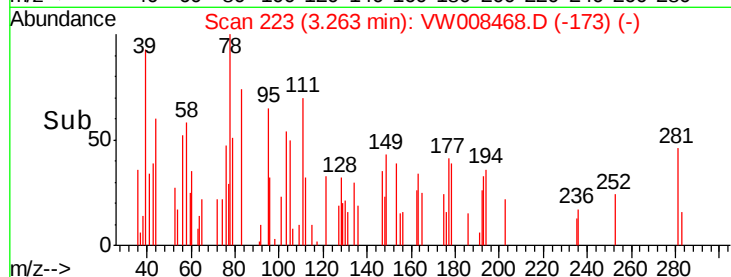
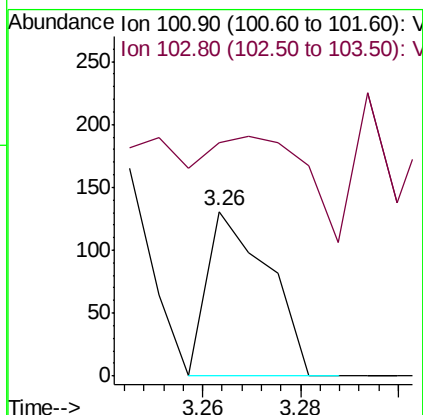
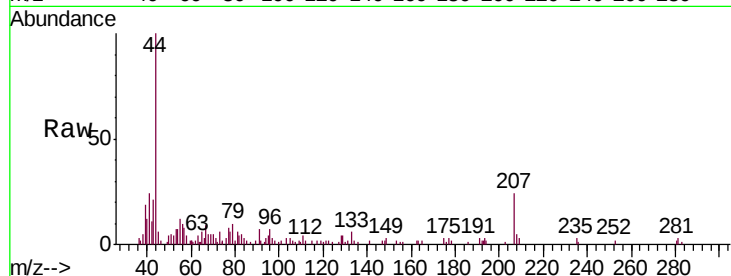


#7

Trichlorofluoromethane
Concen: 4.758 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Instrument :
MSVOA_W
ClientSampled :
TP-7

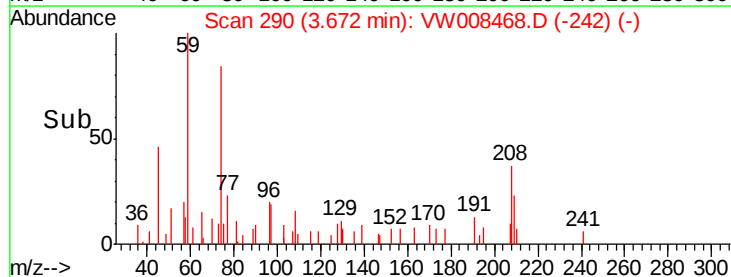
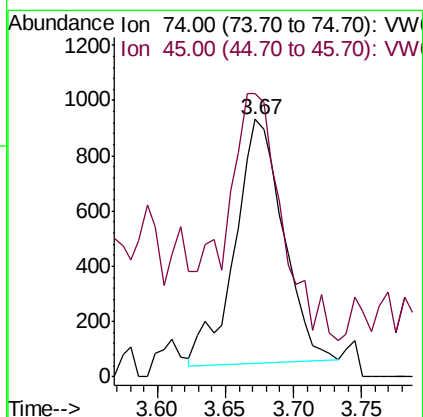
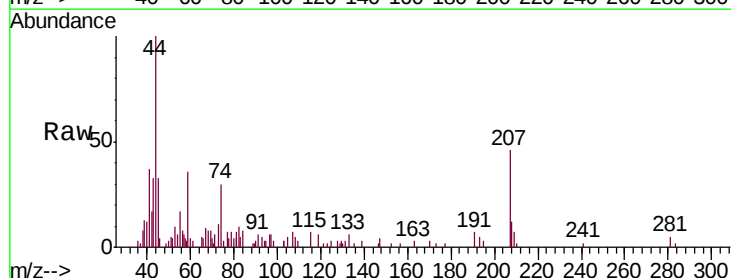
Tgt Ion:101 Resp: 114
Ion Ratio Lower Upper
101 100
103 61.1 52.5 78.7

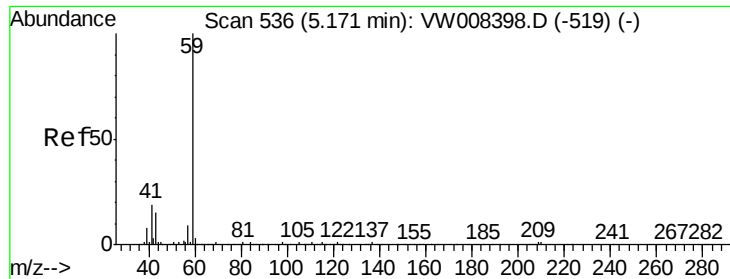


#8

Diethyl Ether
Concen: 1.285 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion: 74 Resp: 2202
Ion Ratio Lower Upper
74 100
45 115.2 51.7 155.2

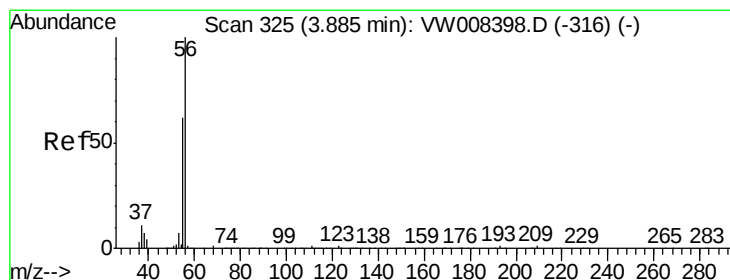
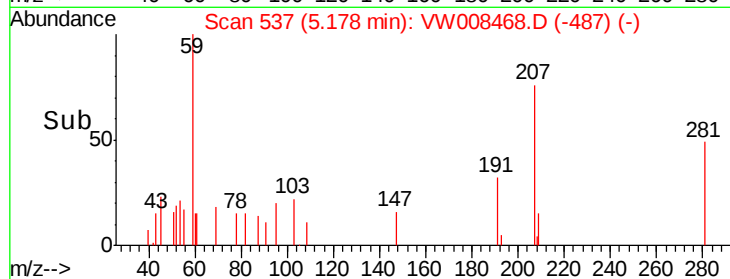
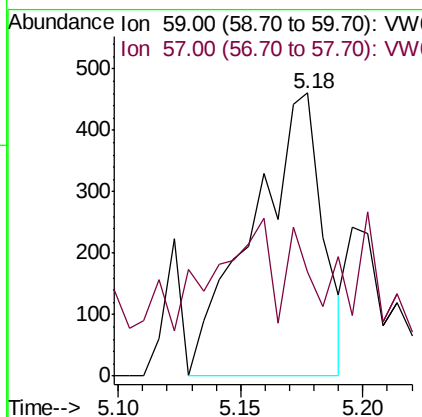
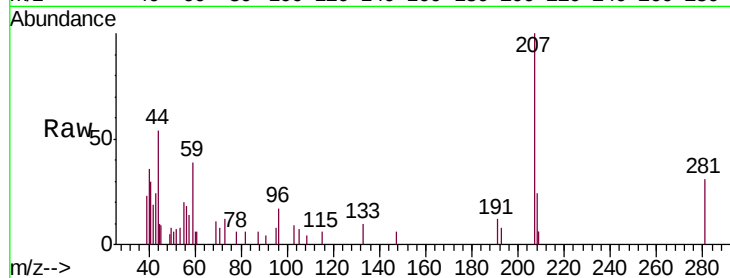




#11
Tert butyl alcohol
Concen: 3.360 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

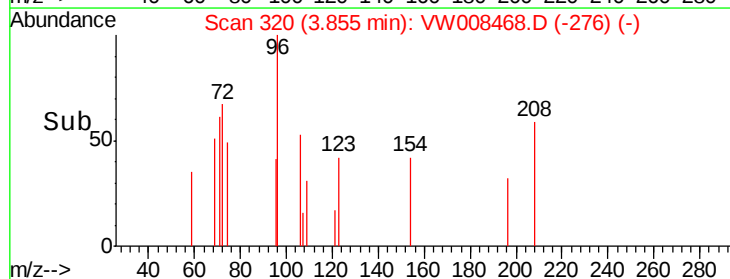
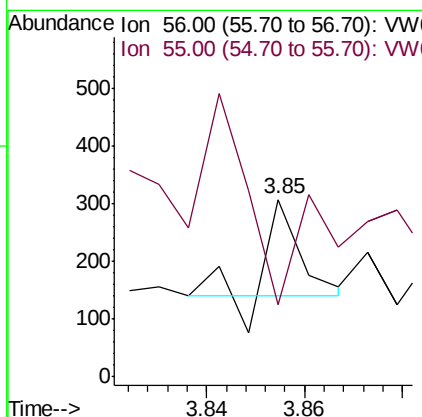
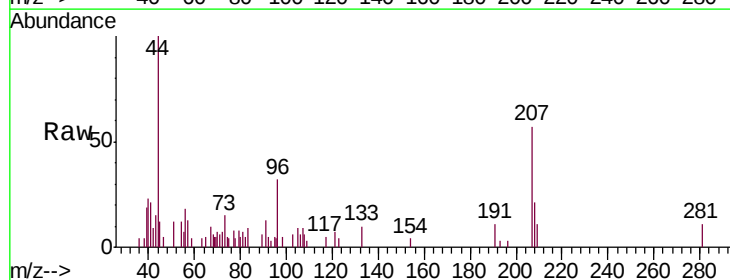
Instrument :
MSVOA_W
ClientSampled :
TP-7

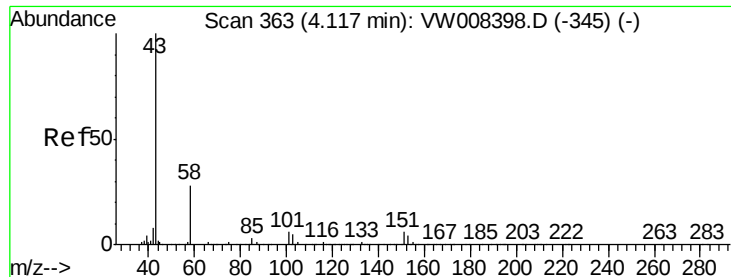
Tgt Ion: 59 Resp: 913
Ion Ratio Lower Upper
59 100
57 3.9 9.3 13.9#



#13
Acrolein
Concen: 4.497 ug/l
RT: 3.85 min Scan# 320
Delta R.T. -0.03 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 403.9 56.7 85.1#

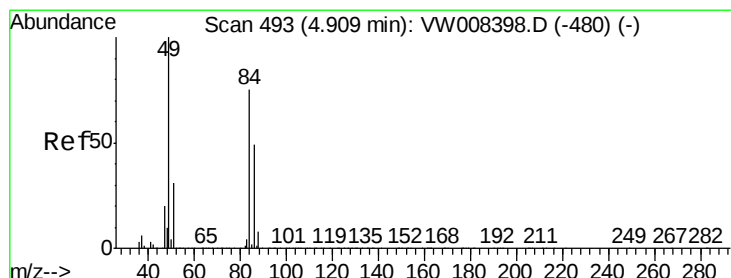
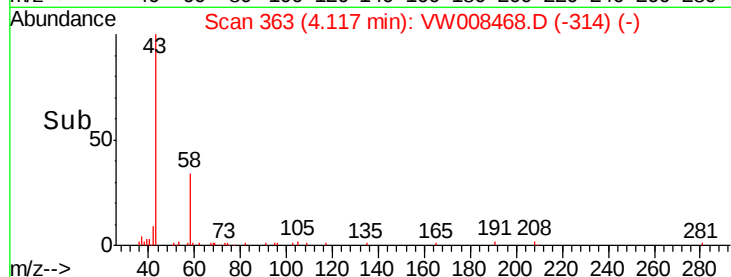
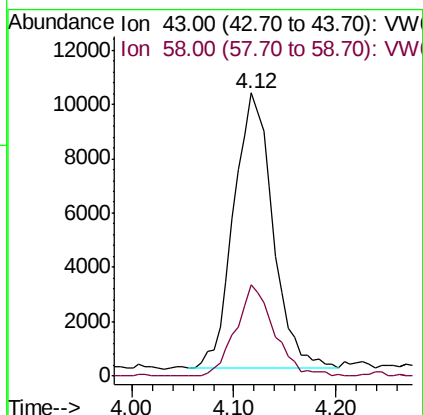
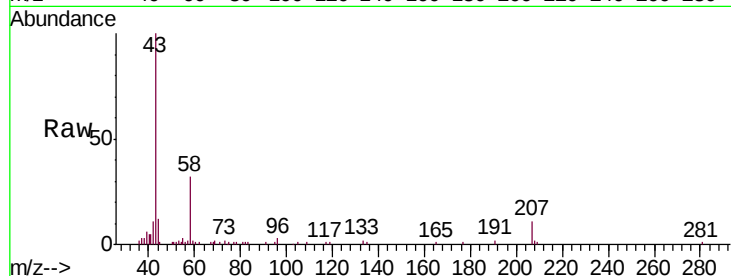




#16
Acetone
Concen: 35.800 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

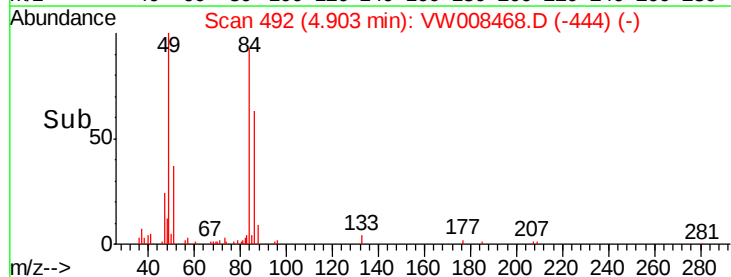
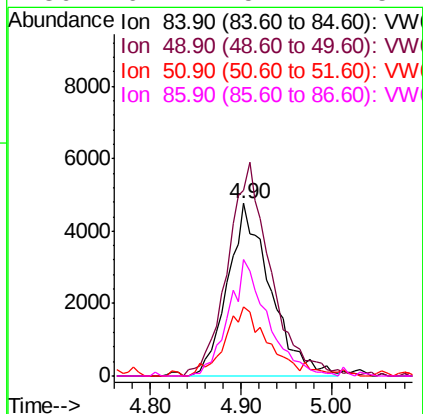
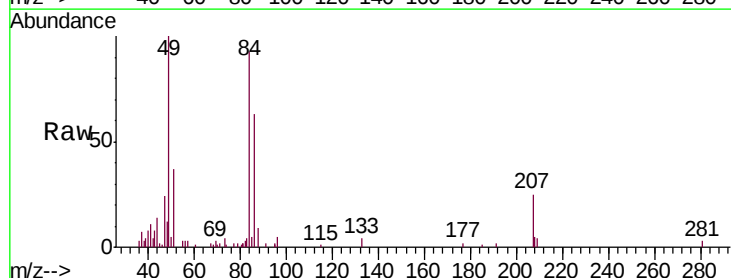
Instrument :
MSVOA_W
ClientSampleId :
TP-7

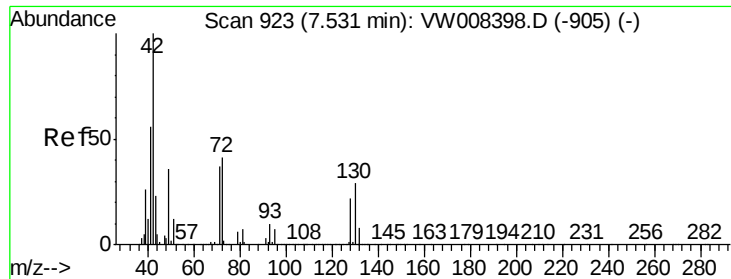
Tgt Ion: 43 Resp: 27134
Ion Ratio Lower Upper
43 100
58 33.3 22.6 34.0



#20
Methylene Chloride
Concen: 4.450 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion: 84 Resp: 15545
Ion Ratio Lower Upper
84 100
49 103.6 106.8 160.2#
51 40.0 32.9 49.3
86 67.4 52.2 78.2

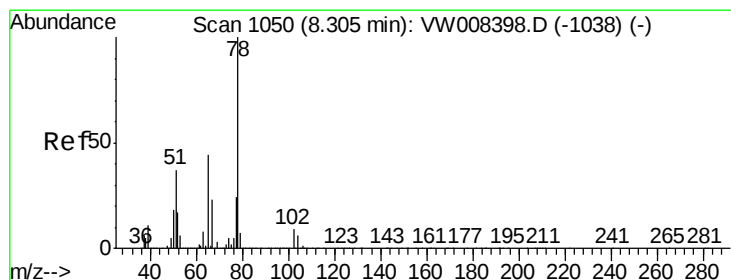
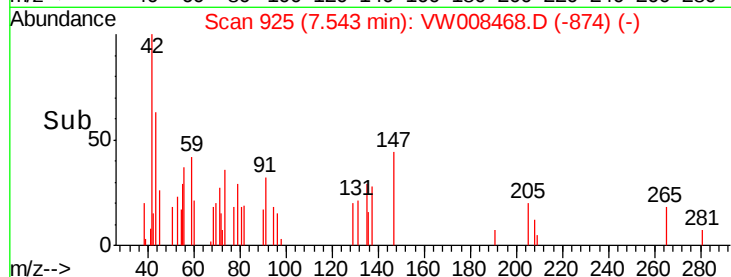
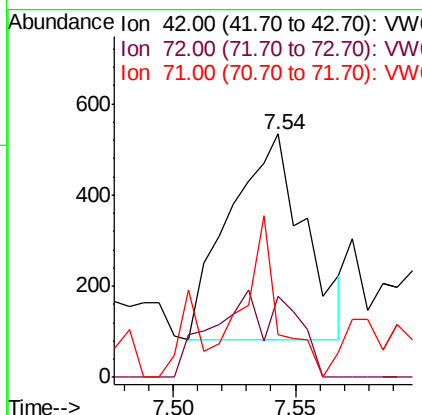
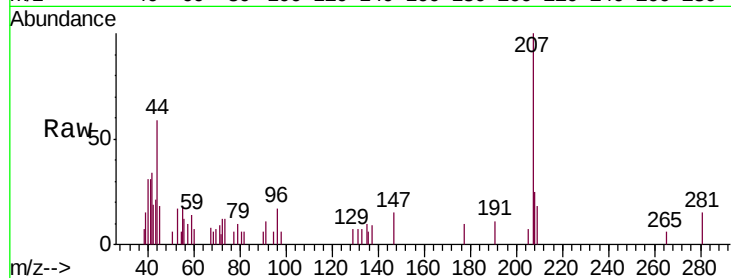




#29
Tetrahydrofuran
Concen: 1.447 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

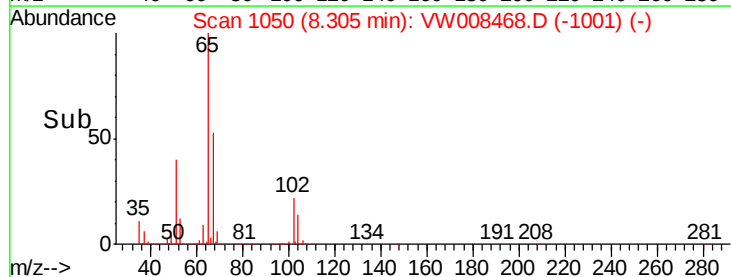
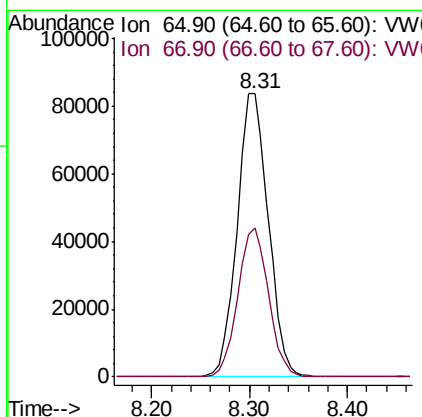
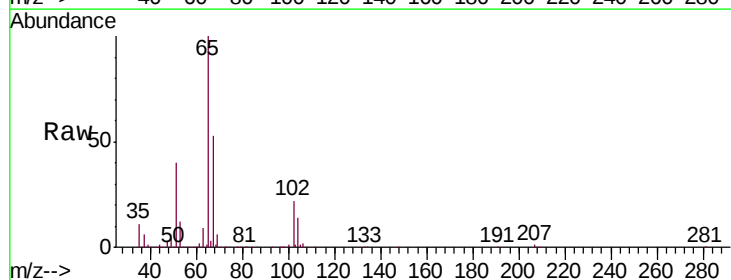
Instrument :
MSVOA_W
ClientSampleId :
TP-7

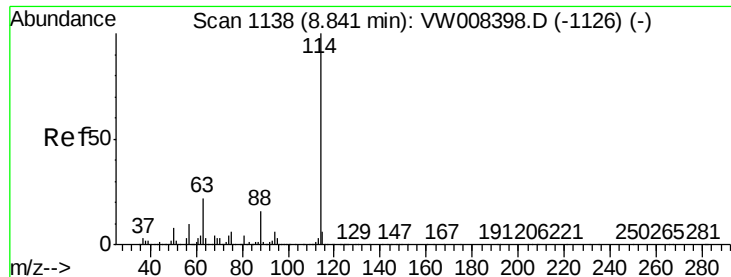
Tgt Ion: 42 Resp: 965
Ion Ratio Lower Upper
42 100
72 27.5 31.9 47.9#
71 34.4 29.9 44.9



#33
1,2-Dichloroethane-d4
Concen: 54.834 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion: 65 Resp: 185071
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

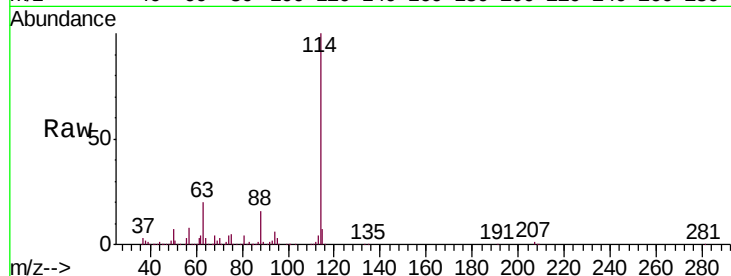




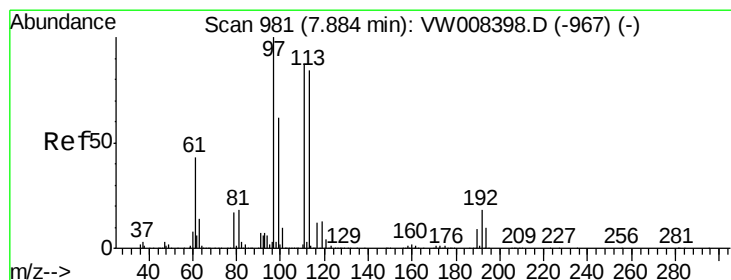
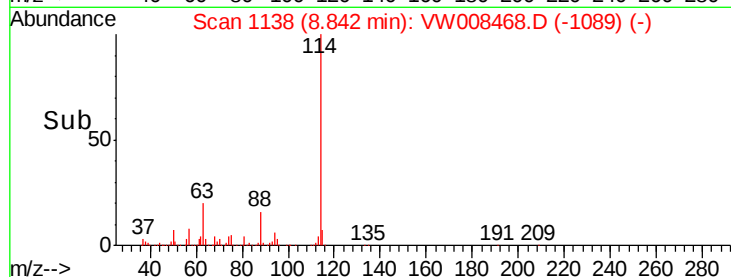
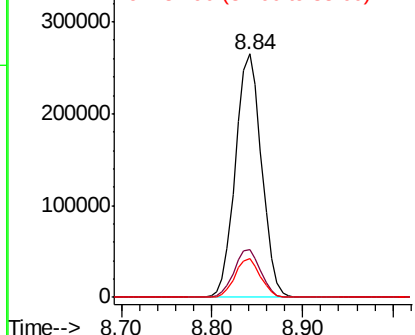
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Instrument :
MSVOA_W
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	43.6
88	15.8	0.0	31.8

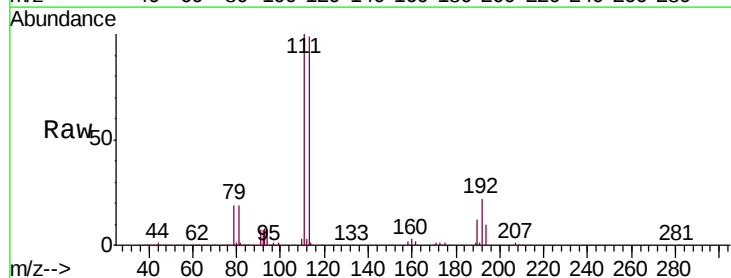


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

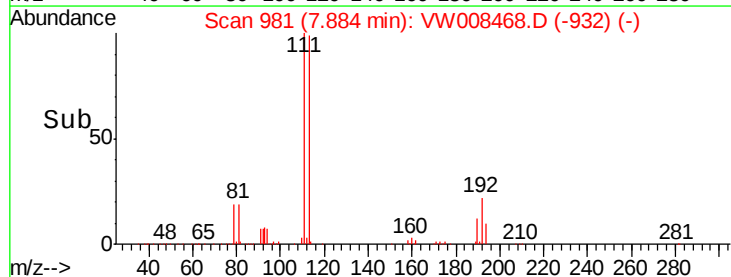
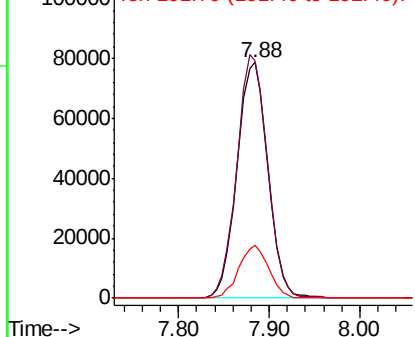


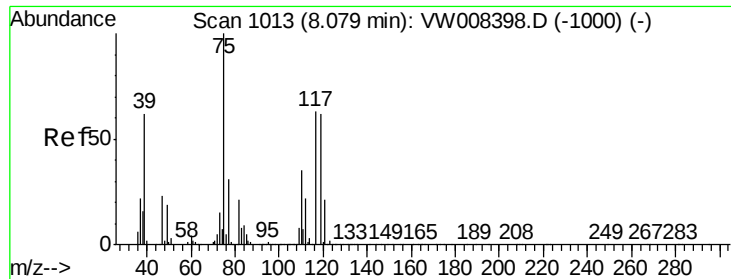
#35
Dibromofluoromethane
Concen: 59.871 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	21.8	16.8	25.2



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: 4.710 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA_W

ClientSampled :

TP-7

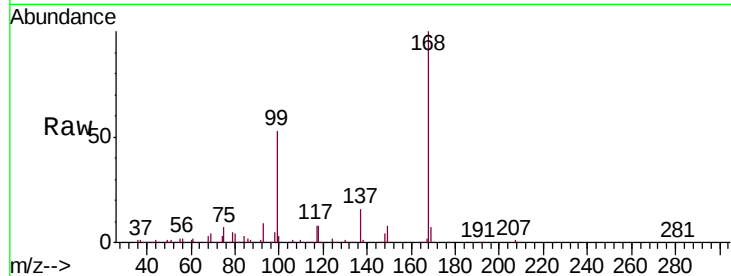
Tgt Ion: 75 Resp: 23579

Ion Ratio Lower Upper

75 100

110 10.7 17.3 52.0#

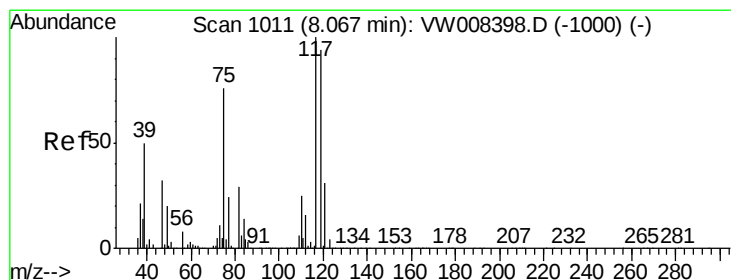
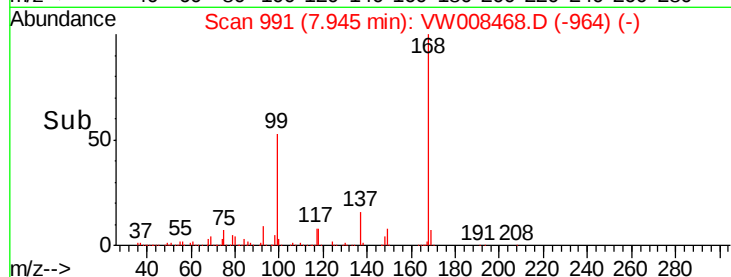
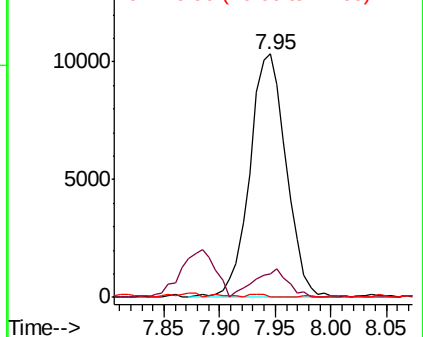
77 0.6 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.265 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

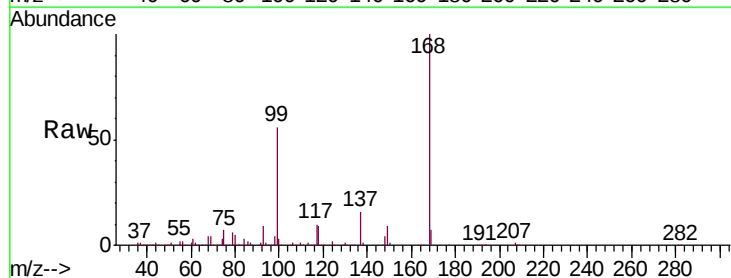
Tgt Ion: 117 Resp: 31563

Ion Ratio Lower Upper

117 100

119 4.6 75.0 112.4#

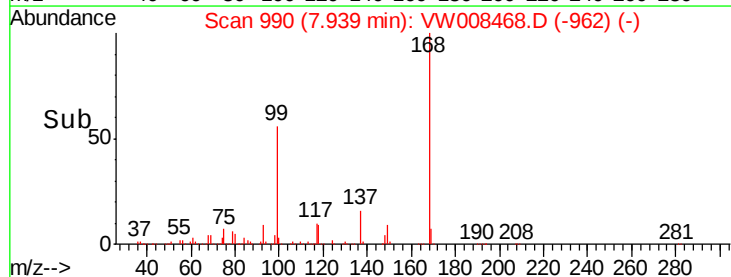
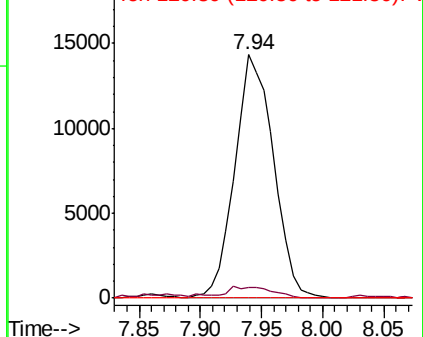
121 0.0 24.9 37.3#

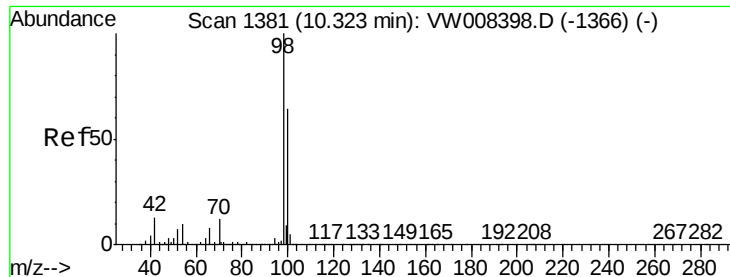


Abundance Ion 116.80 (116.50 to 117.50): VW

Ion 118.80 (118.50 to 119.50): VW

Ion 120.80 (120.50 to 121.50): VW

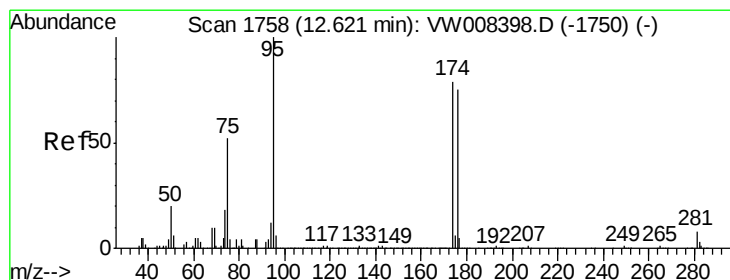
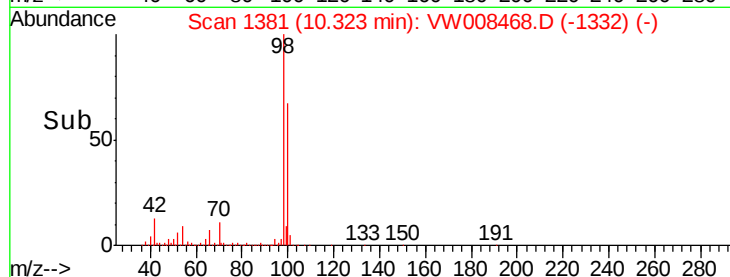
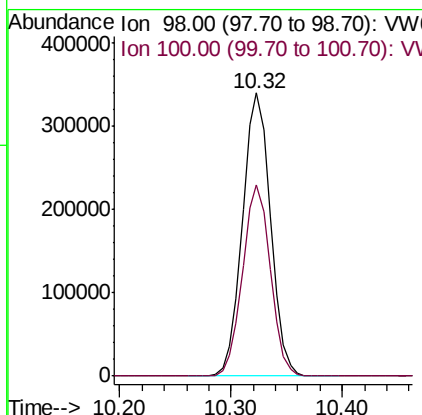
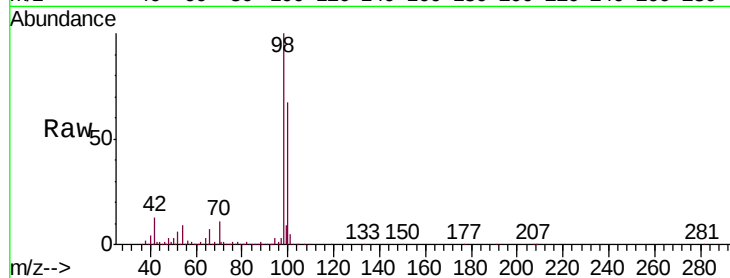




#50
Toluene-d8
Concen: 47.758 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

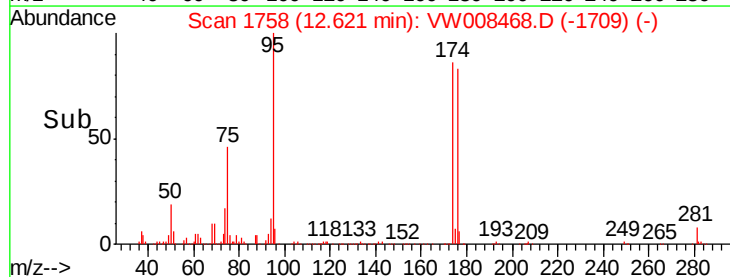
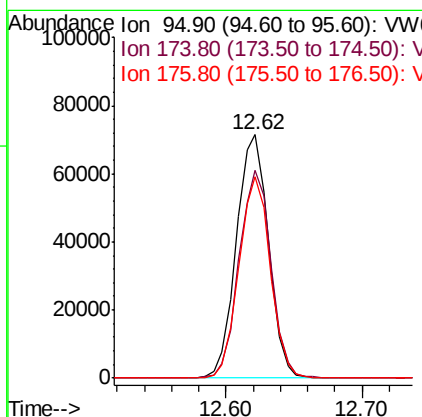
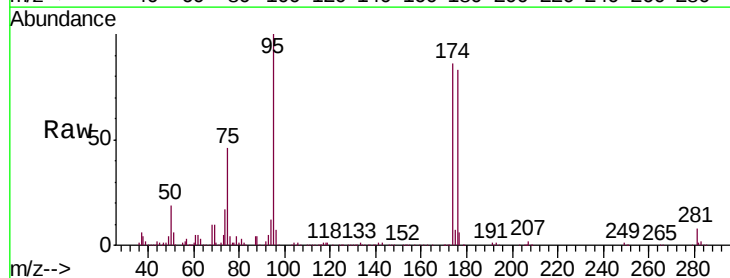
Instrument :
MSVOA_W
ClientSampleId :
TP-7

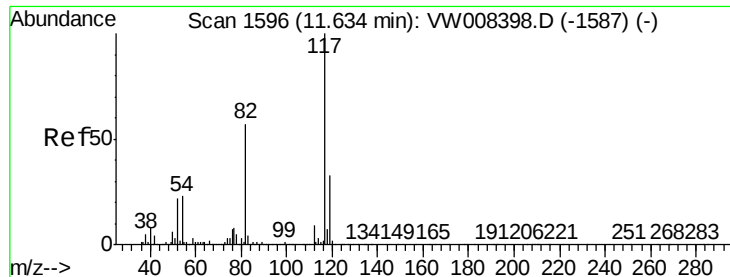
Tgt Ion: 98 Resp: 593511
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 24.646 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008468.D
Acq: 30 Jan 2019 16:18

Tgt Ion: 95 Resp: 117735
Ion Ratio Lower Upper
95 100
174 84.9 0.0 157.6
176 80.9 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: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA_W

ClientSampled :

TP-7

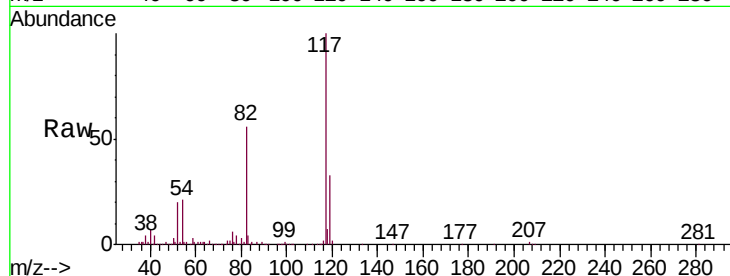
Tgt Ion:117 Resp: 343029

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

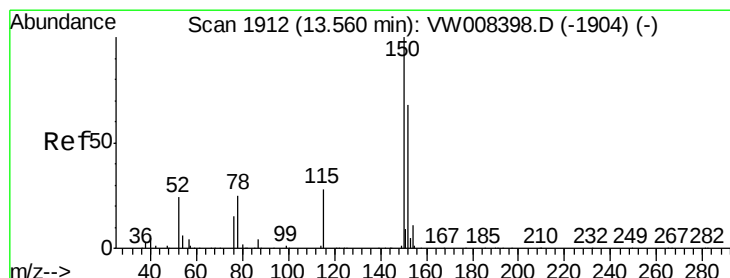
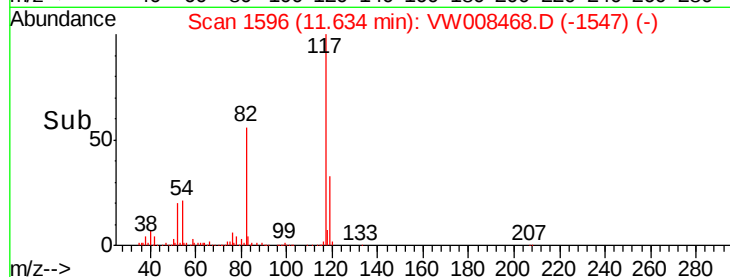
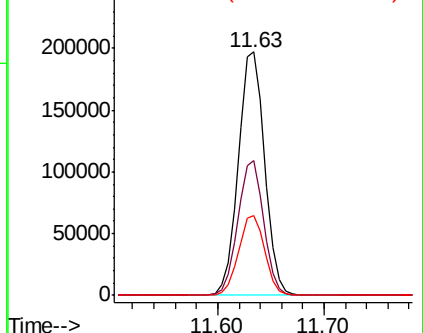
119 32.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

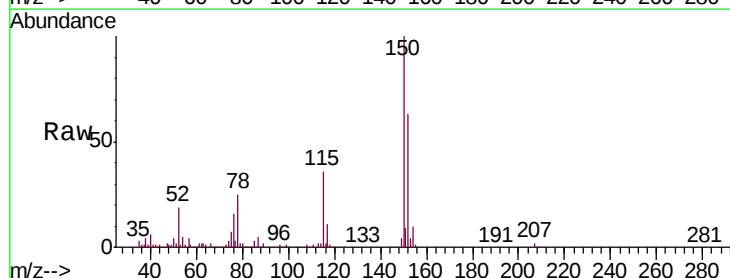
Tgt Ion:152 Resp: 81179

Ion Ratio Lower Upper

152 100

115 58.8 29.9 89.7

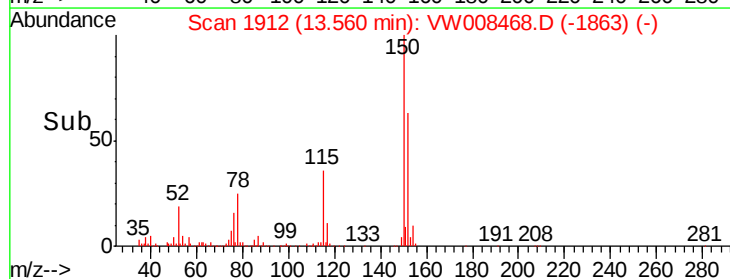
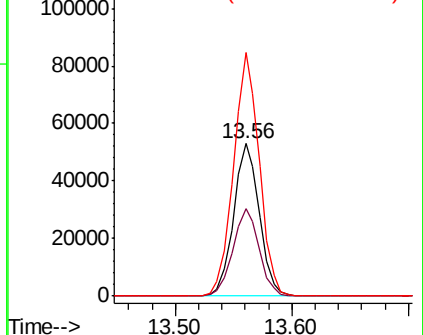
150 159.5 0.0 351.4

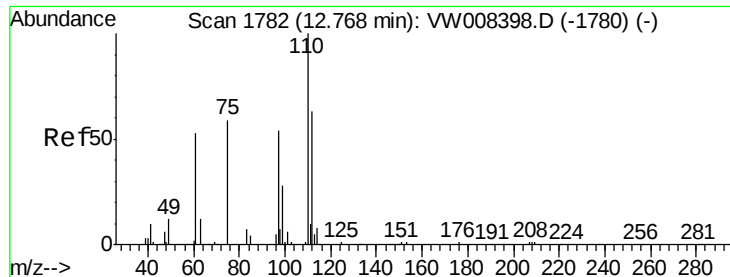


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 81.092 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

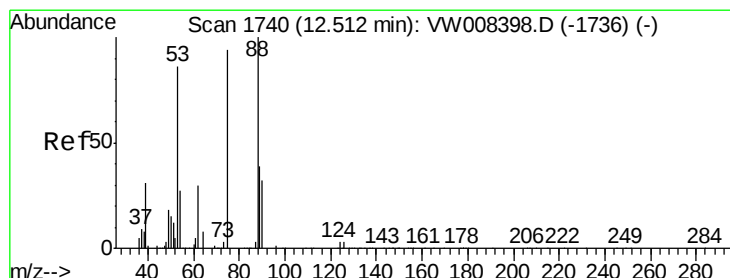
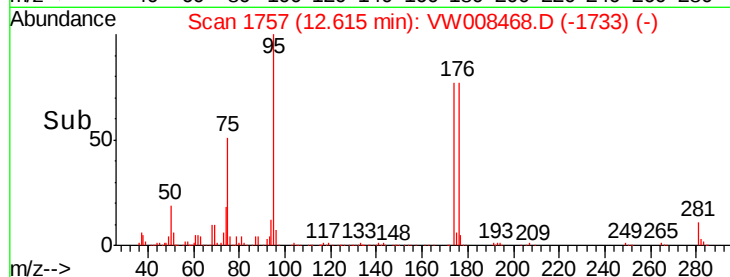
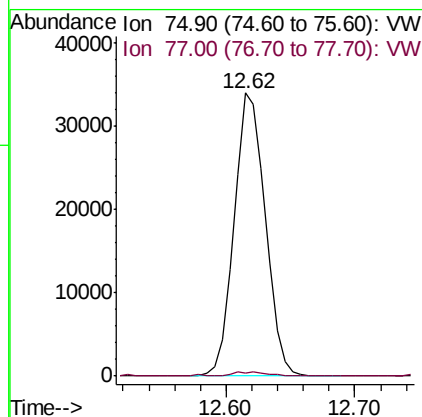
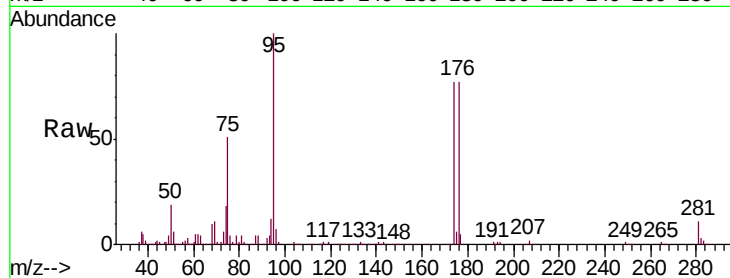
TP-7

Tgt Ion: 75 Resp: 57234

Ion Ratio Lower Upper

75 100

77 1.6 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.162 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008468.D

Acq: 30 Jan 2019 16:18

Tgt Ion: 75 Resp: 57234

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.3 35.4 53.0#

