

Data File : VW008460.D
Acq On : 30 Jan 2019 12:44
Operator : SY/VA
Sample : K1281-02
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-15(33.5-34)

Quant Time: Jan 31 00:24:49 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	393118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	633746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	576688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	289586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	199208	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.88	113	196611	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.32	98	755524	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	281260	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

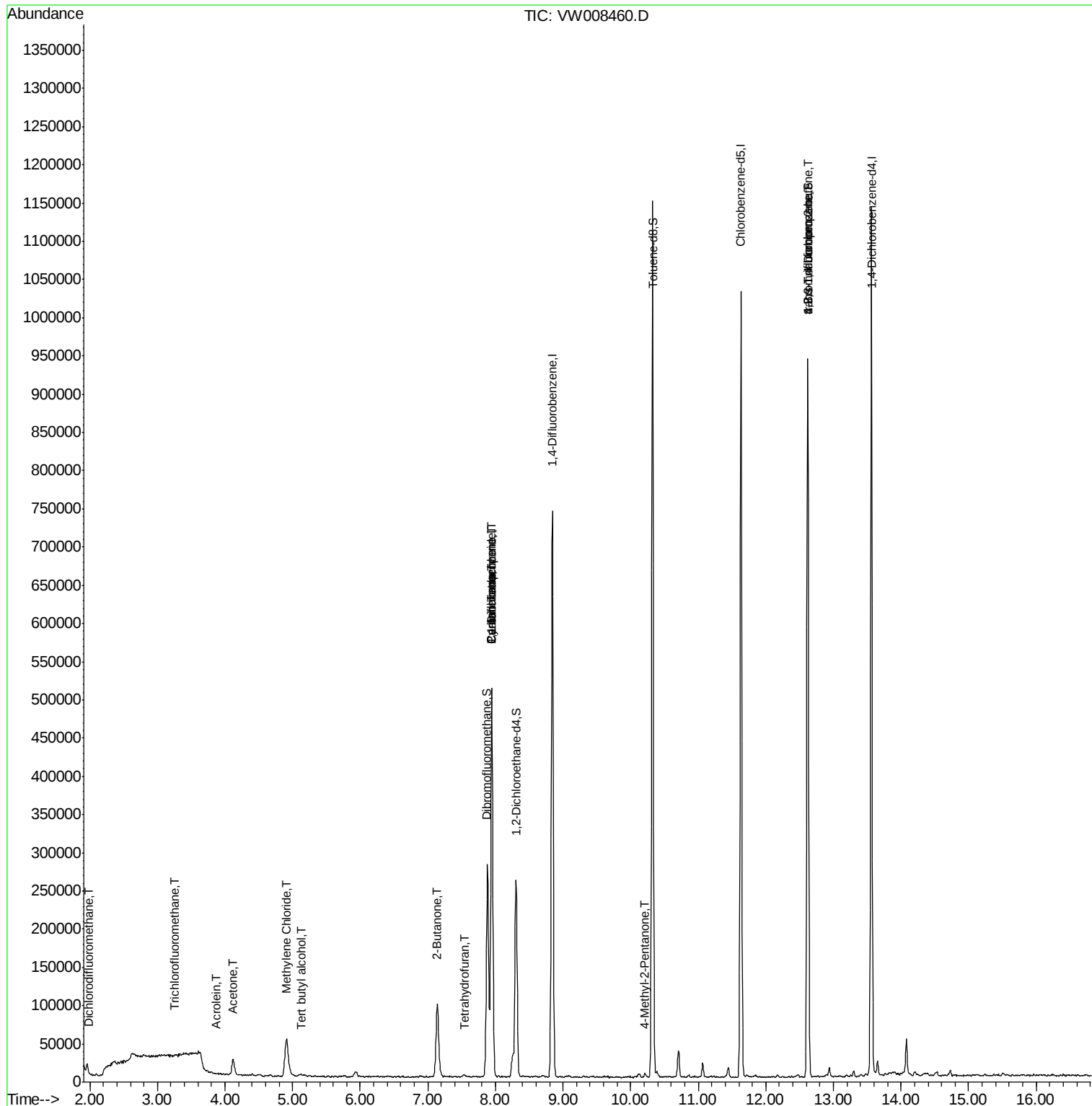
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.99	85	76	3.284	ug/l #	41
7) Trichlorofluoromethane	3.26	101	241	4.786	ug/l	97
11) Tert butyl alcohol	5.12	59	2693	8.661	ug/l #	70
13) Acrolein	3.87	56	162	4.766	ug/l #	80
16) Acetone	4.12	43	36614	42.217	ug/l	94
20) Methylene Chloride	4.91	84	42866	10.724	ug/l	93
25) 2-Butanone	7.14	43	8002	6.643	ug/l #	85
29) Tetrahydrofuran	7.53	42	2219	2.907	ug/l #	68
31) Cyclohexane	7.95	56	9001	1.188	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	28272	4.723	ug/l #	51
38) Carbon Tetrachloride	7.95	117	37734	6.264	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	3494	1.285	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	141893	56.357	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	141893	111.310	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

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Instrument :

MSVOA_W

ClientSampleId :

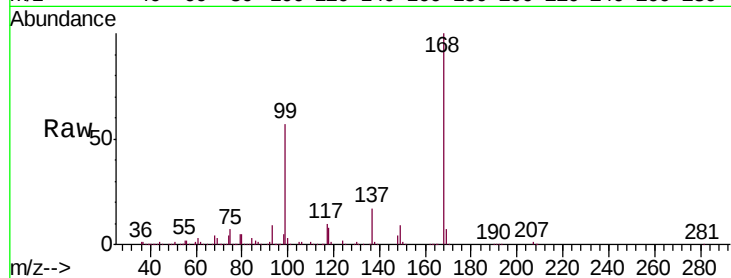
SB-15(33.5-34)

Tgt Ion:168 Resp: 393118

Ion Ratio Lower Upper

168 100

99 56.7 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

200000

150000

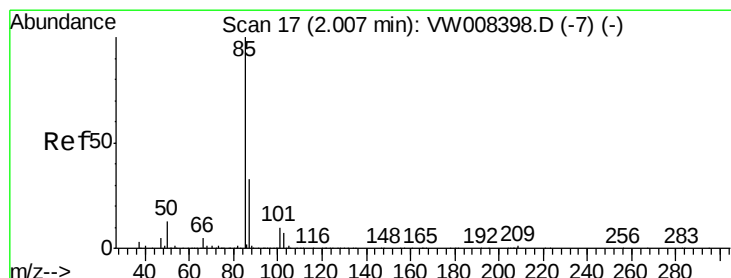
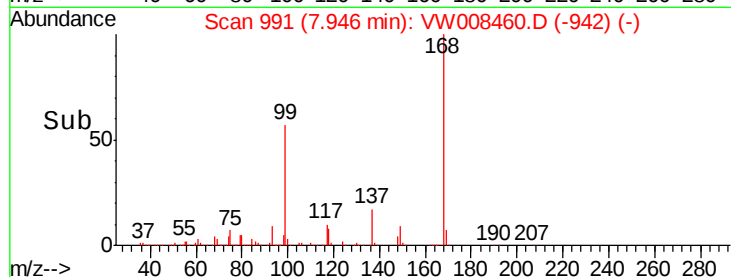
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 3.284 ug/l

RT: 1.99 min Scan# 14

Delta R.T. -0.02 min

Lab File: VW008460.D

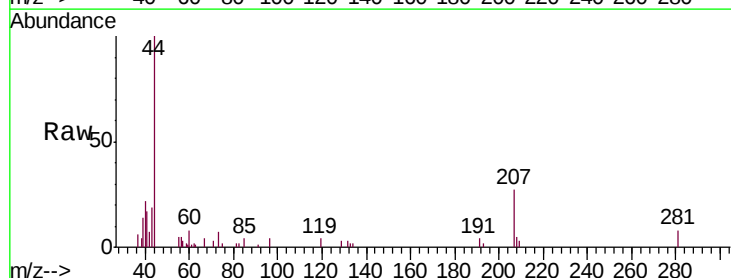
Acq: 30 Jan 2019 12:44

Tgt Ion: 85 Resp: 76

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

1.99

150

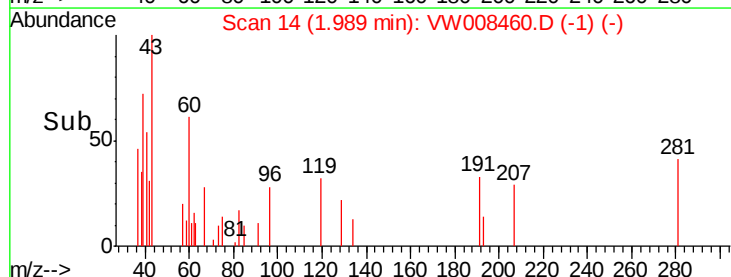
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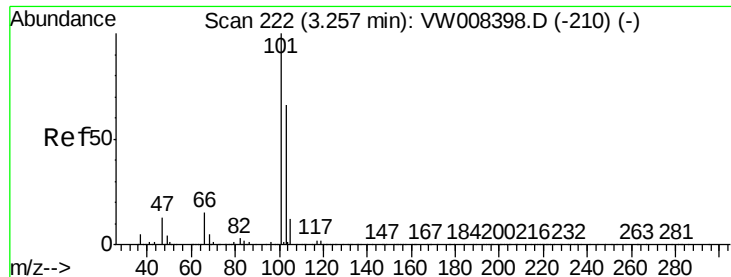
50

0

1.98 1.99 2.00 2.01

Time-->



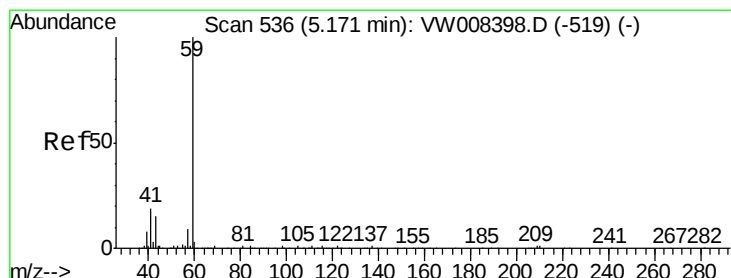
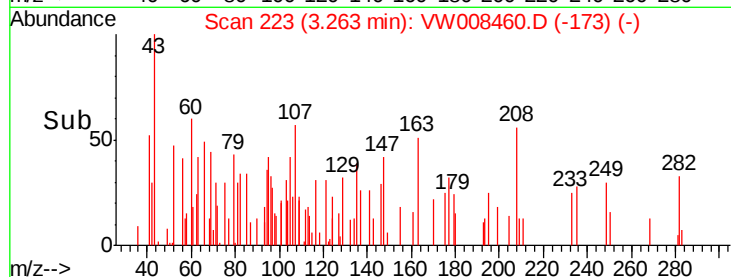
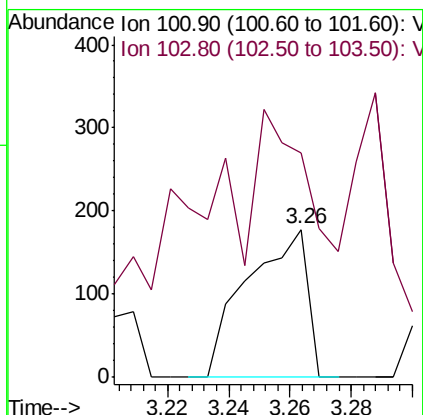
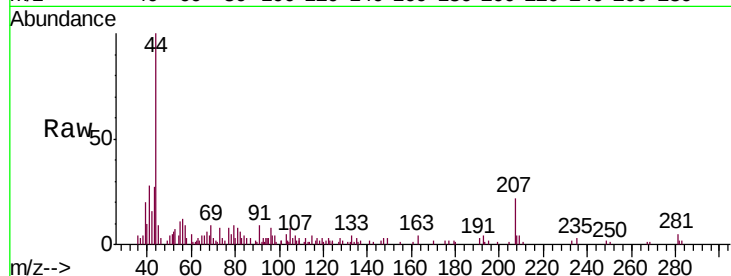


#7

Trichlorofluoromethane
 Concen: 4.786 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(33.5-34)

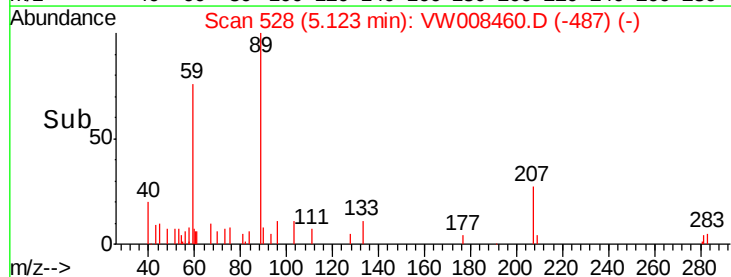
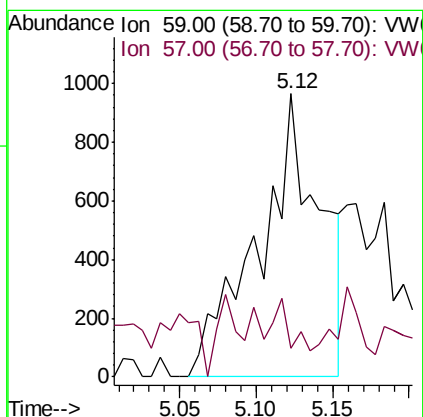
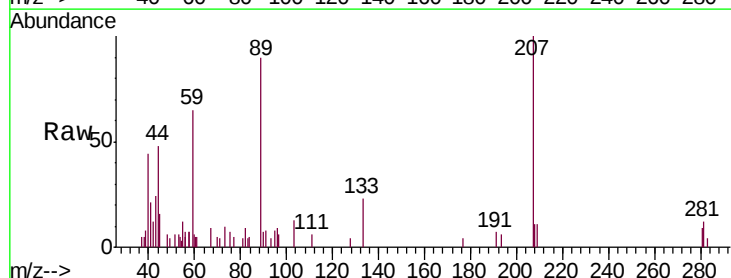
Tgt Ion:101 Resp: 241
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.5 78.7

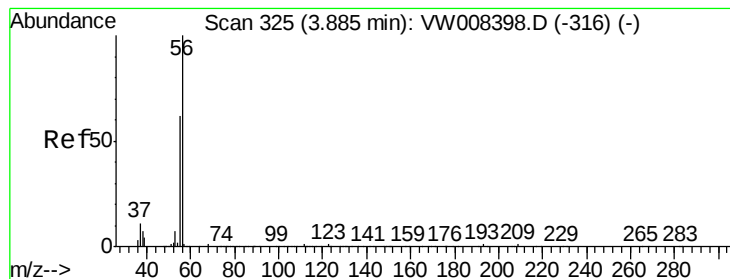


#11

Tert butyl alcohol
 Concen: 8.661 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Tgt Ion: 59 Resp: 2693
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#





#13

Acrolein

Concen: 4.766 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.02 min

Lab File: VW008460.D

Acq: 30 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

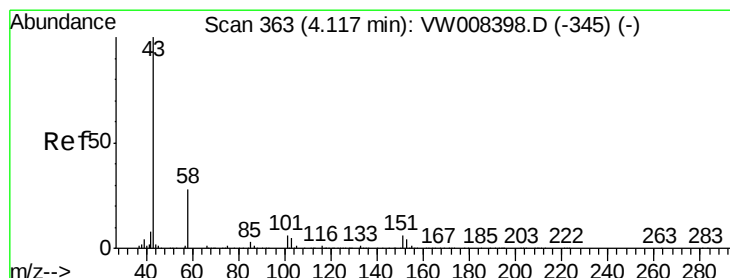
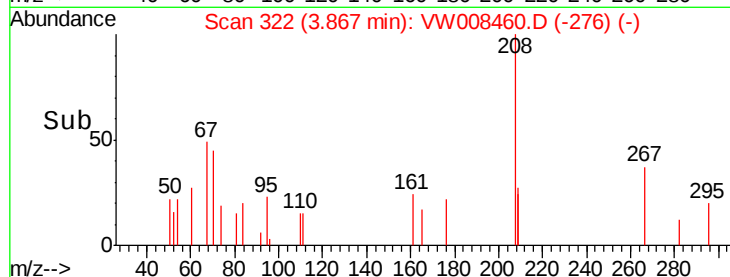
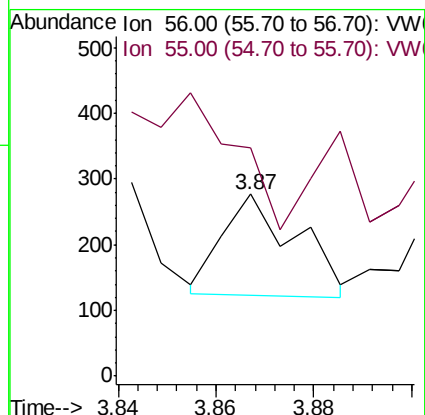
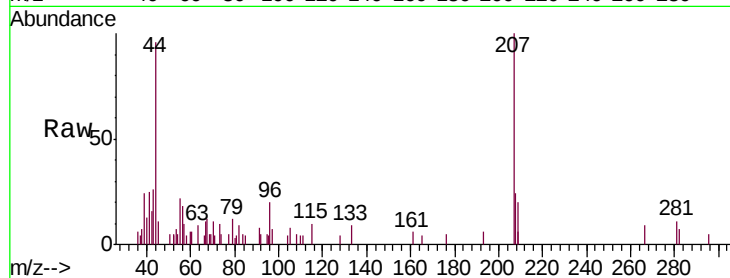
SB-15(33.5-34)

Tgt Ion: 56 Resp: 162

Ion Ratio Lower Upper

56 100

55 54.3 56.7 85.1#



#16

Acetone

Concen: 42.217 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008460.D

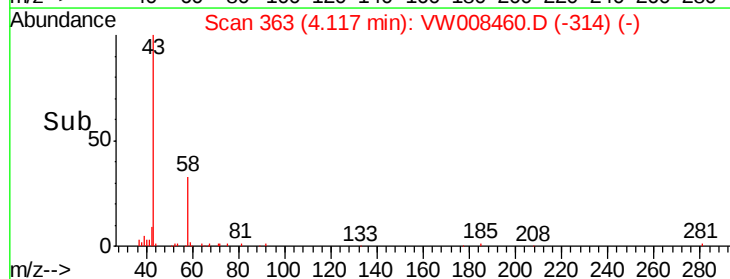
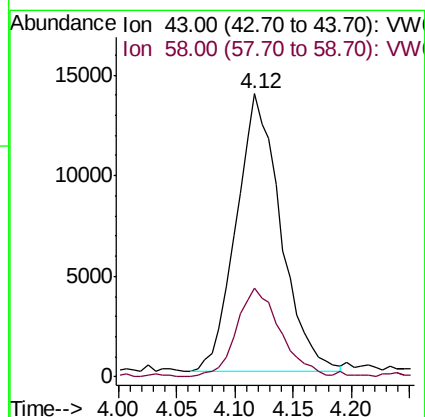
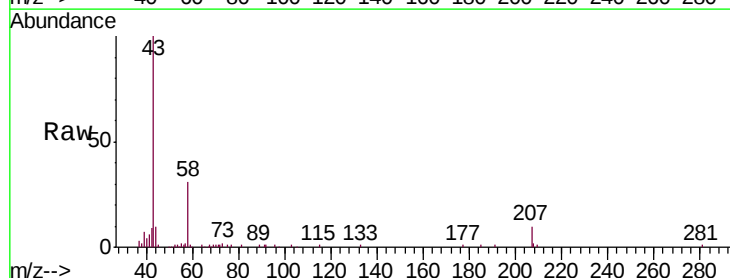
Acq: 30 Jan 2019 12:44

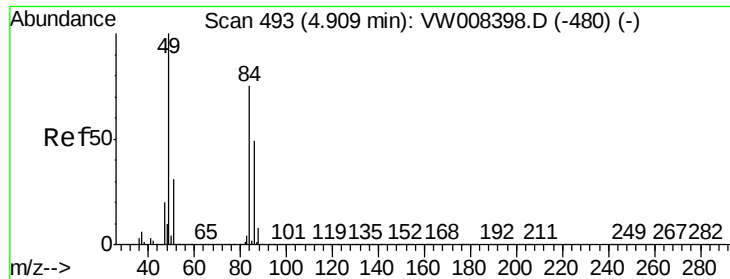
Tgt Ion: 43 Resp: 36614

Ion Ratio Lower Upper

43 100

58 31.4 22.6 34.0

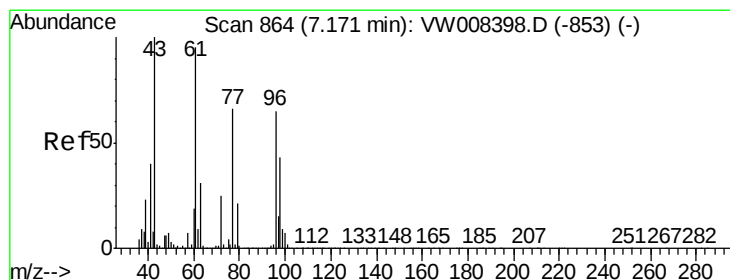
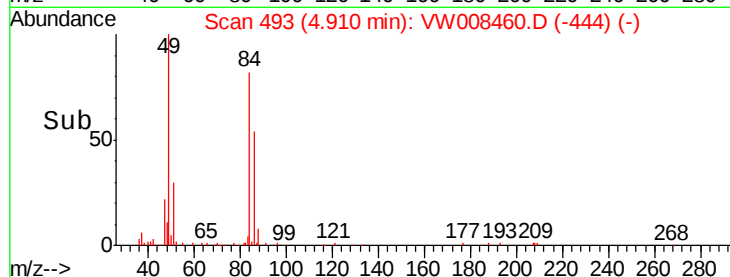
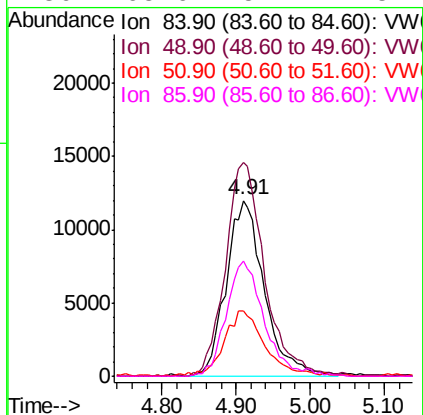
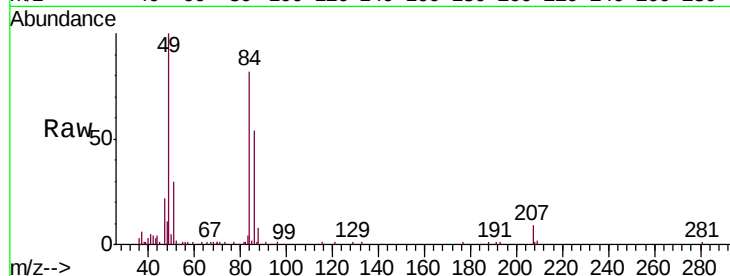




#20
Methylene Chloride
Concen: 10.724 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

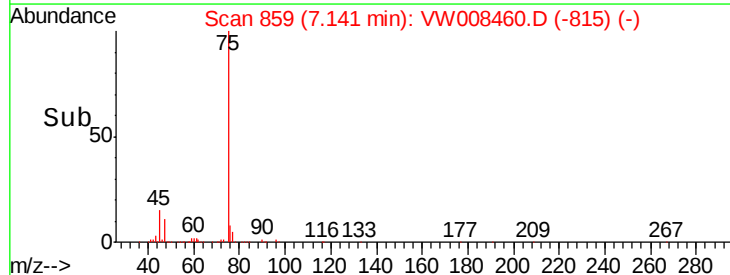
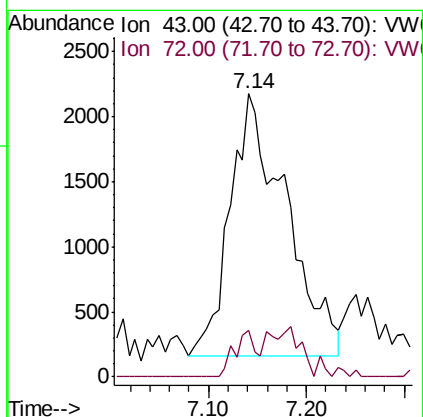
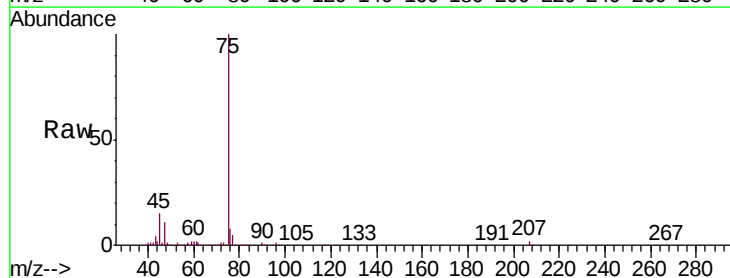
Instrument :
MSVOA_W
ClientSampleId :
SB-15(33.5-34)

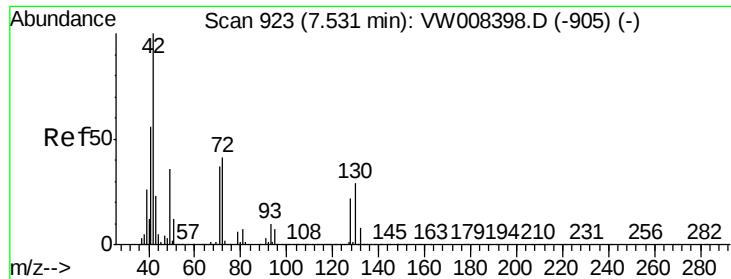
Tgt Ion:	84	Resp:	42866
Ion	Ratio	Lower	Upper
84	100		
49	121.6	106.8	160.2
51	36.3	32.9	49.3
86	65.6	52.2	78.2



#25
2-Butanone
Concen: 6.643 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

Tgt Ion:	43	Resp:	8002
Ion	Ratio	Lower	Upper
43	100		
72	17.7	20.1	30.1#

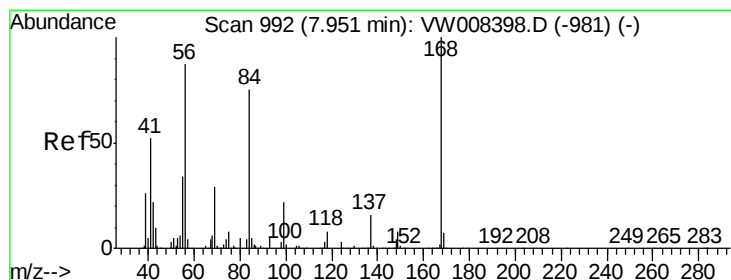
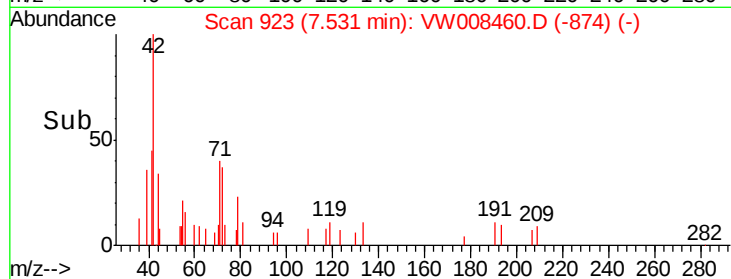
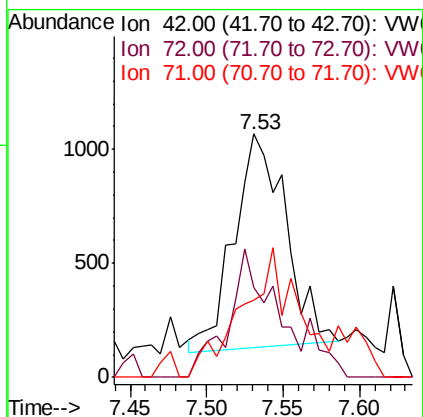
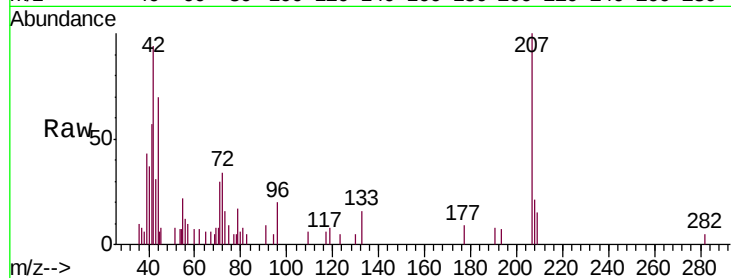




#29
Tetrahydrofuran
Concen: 2.907 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

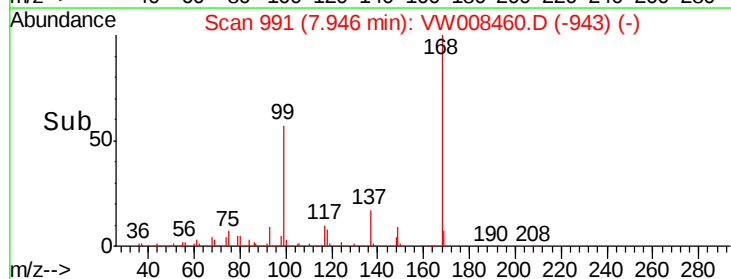
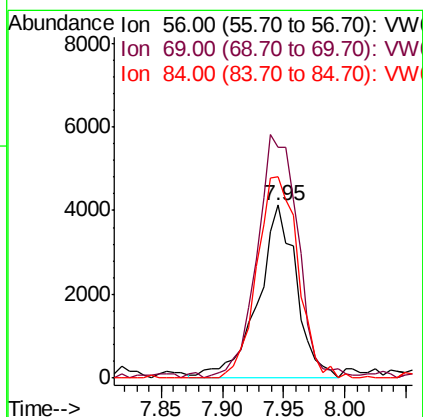
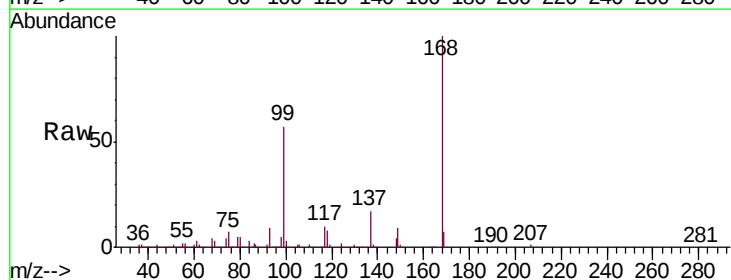
Instrument :
MSVOA_W
ClientSampled :
SB-15(33.5-34)

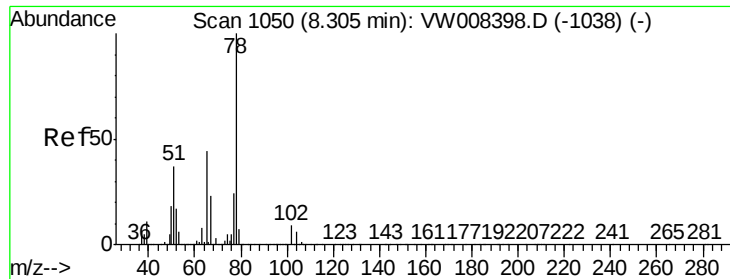
Tgt Ion: 42 Resp: 2219
Ion Ratio Lower Upper
42 100
72 52.1 31.9 47.9#
71 64.3 29.9 44.9#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

Tgt Ion: 56 Resp: 9001
Ion Ratio Lower Upper
56 100
69 130.7 26.4 39.6#
84 116.4 69.1 103.7#

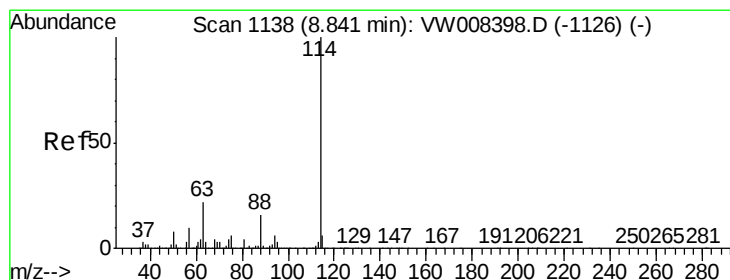
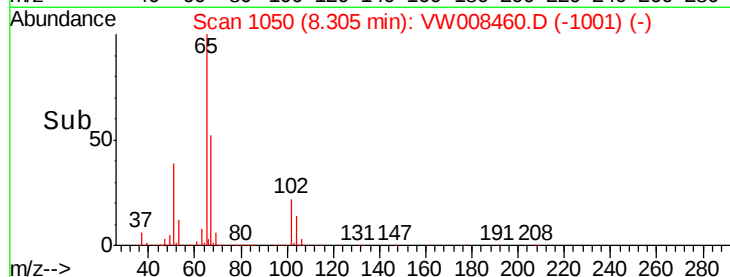
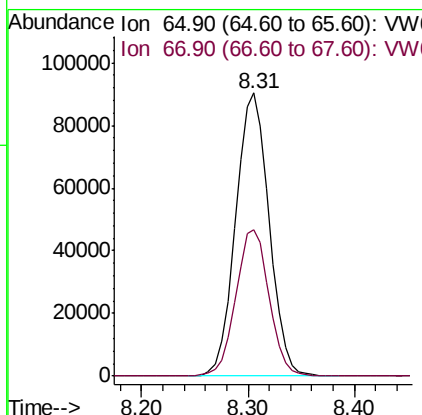
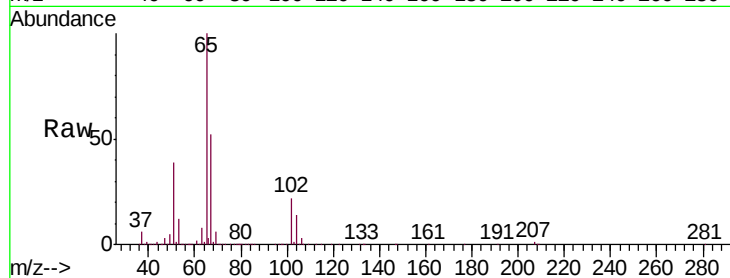




#33
 1,2-Dichloroethane-d4
 Concen: 51.581 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

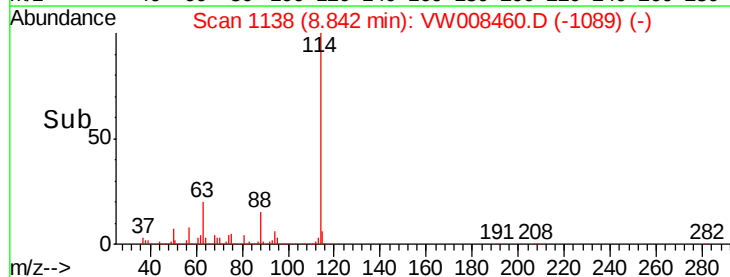
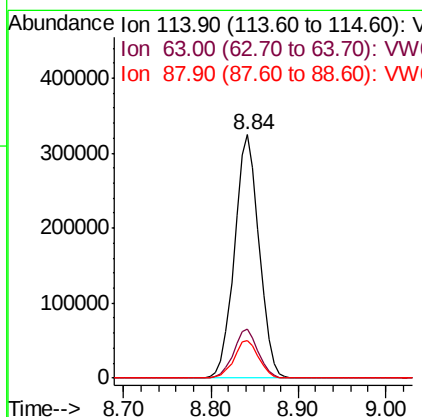
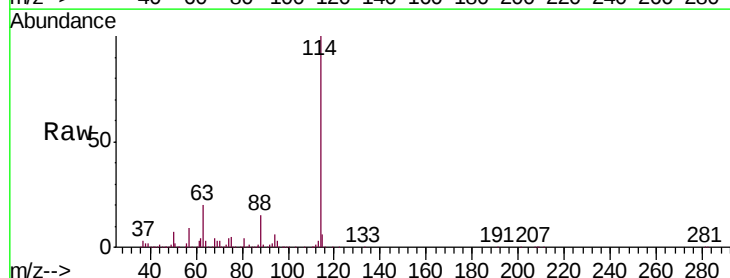
Instrument :
 MSVOA_W
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 SB-15(33.5-34)

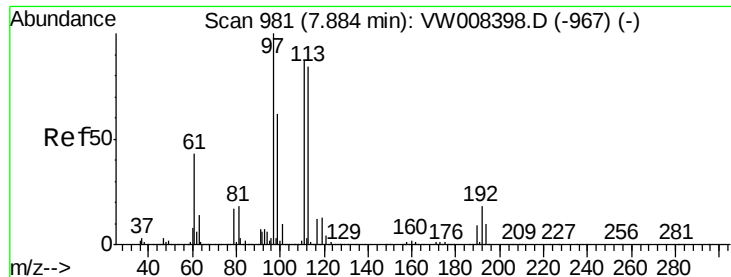
Tgt Ion: 65 Resp: 199208
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Tgt Ion: 114 Resp: 633746
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.6
 88 15.2 0.0 31.8

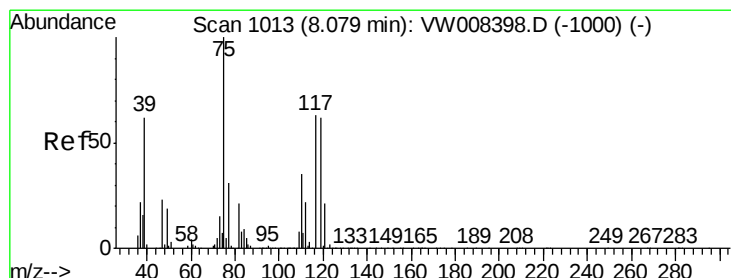
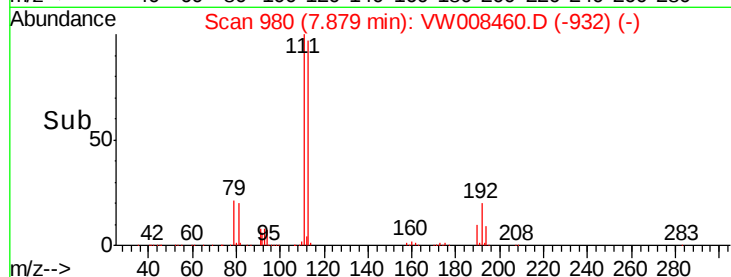
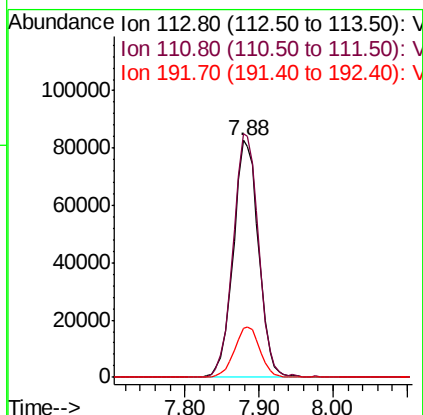
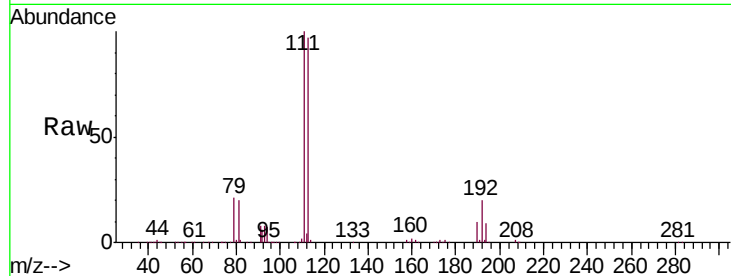




#35
 Dibromofluoromethane
 Concen: 53.056 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

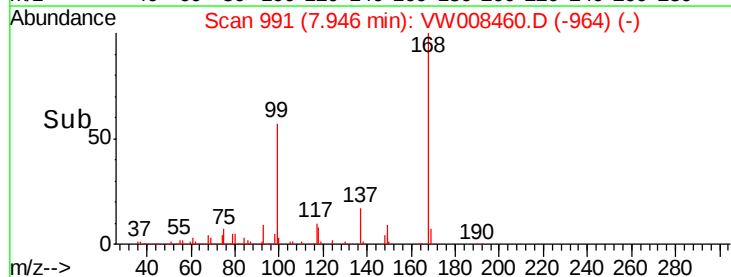
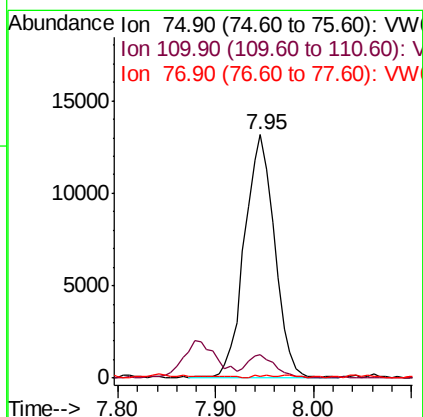
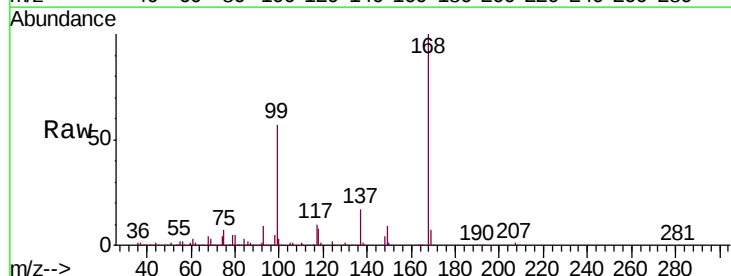
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(33.5-34)

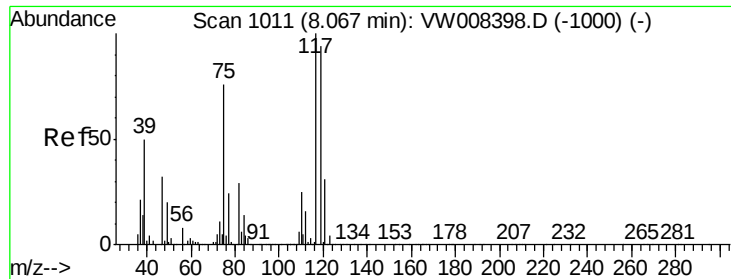
Tgt Ion:113 Resp: 196611
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.4
 192 21.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Tgt Ion: 75 Resp: 28272
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.3 52.0#
 77 0.9 24.7 37.1#

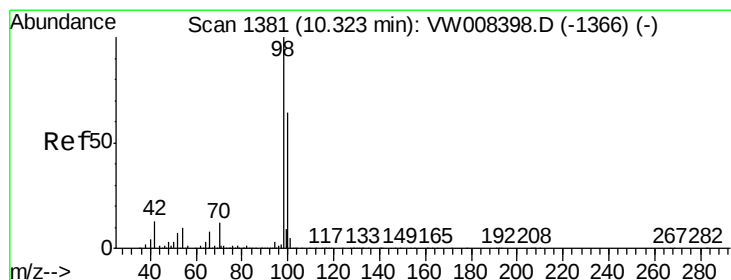
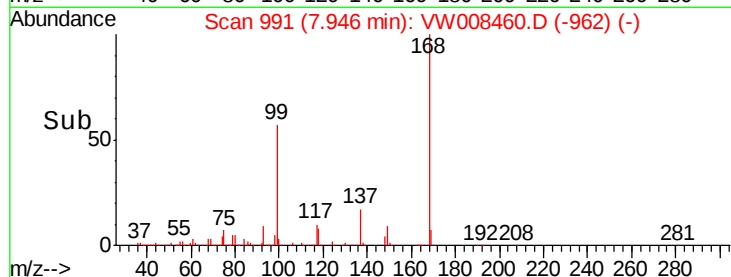
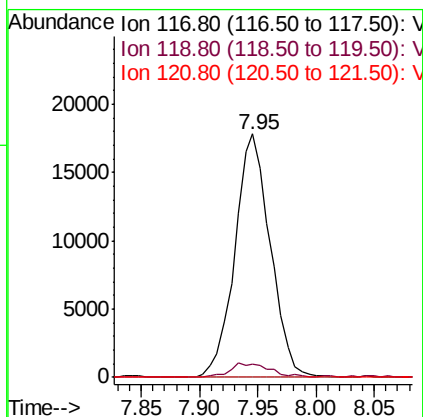
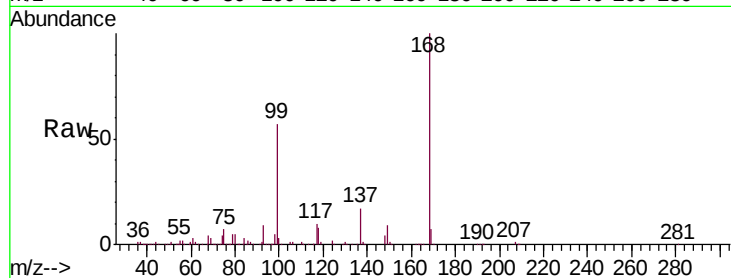




#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

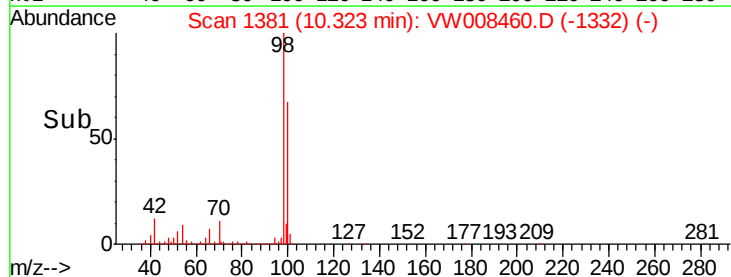
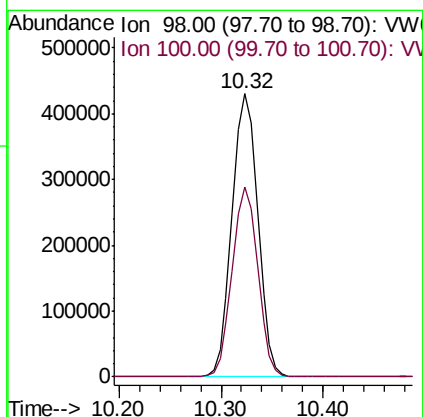
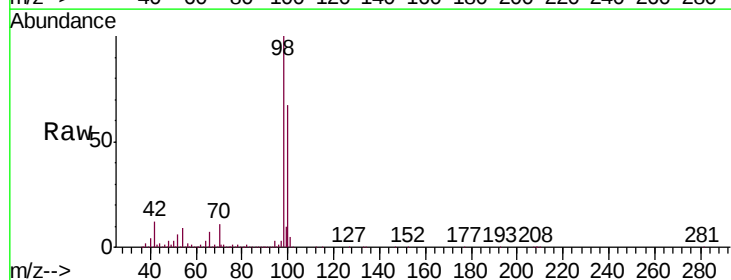
Instrument :
MSVOA_W
ClientSampleId :
SB-15(33.5-34)

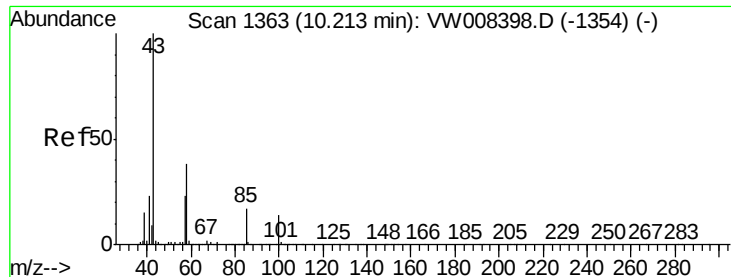
Tgt Ion:117 Resp: 37734
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.842 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

Tgt Ion: 98 Resp: 755524
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

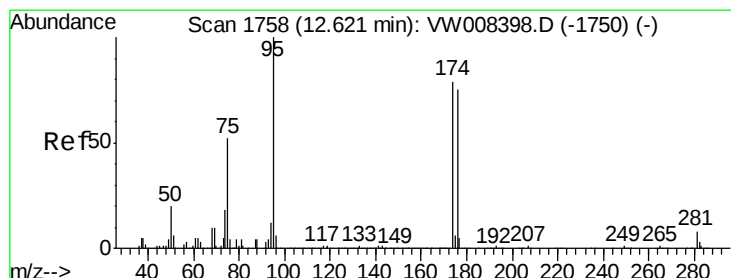
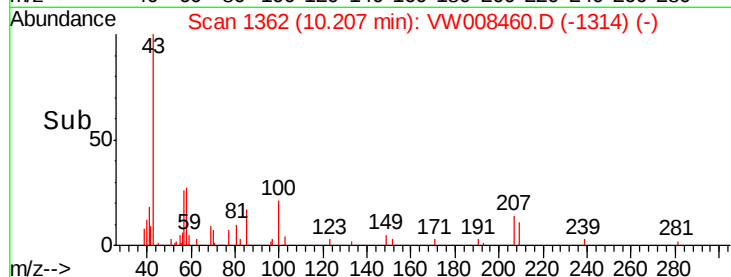
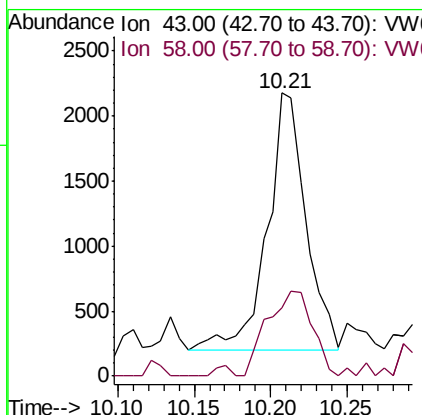
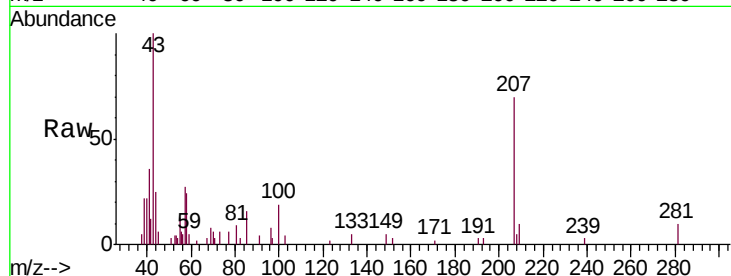




#51
4-Methyl-2-Pentanone
Concen: 1.285 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

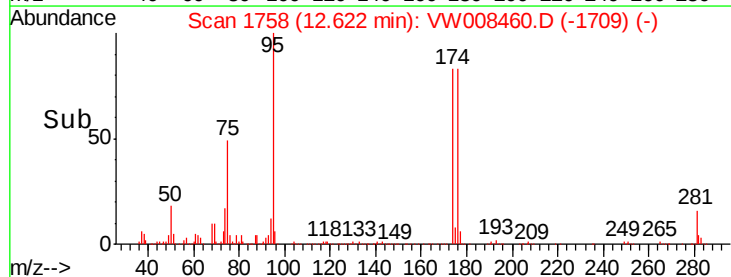
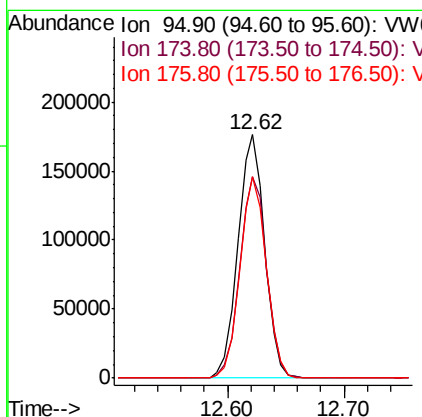
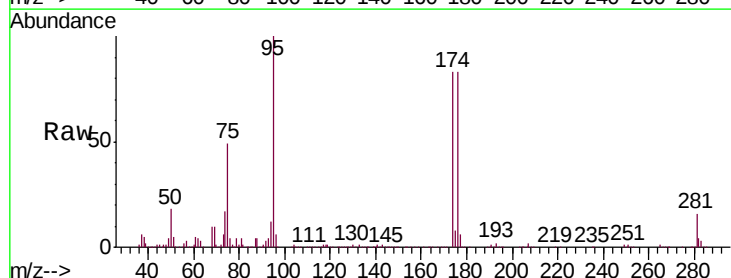
Instrument :
MSVOA_W
ClientSampleId :
SB-15(33.5-34)

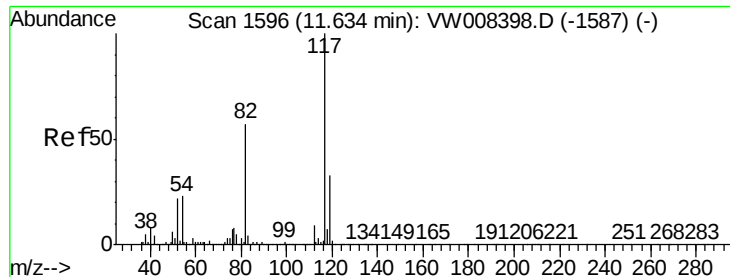
Tgt Ion: 43 Resp: 3494
Ion Ratio Lower Upper
43 100
58 38.3 29.7 44.5



#62
4-Bromofluorobenzene
Concen: 49.240 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008460.D
Acq: 30 Jan 2019 12:44

Tgt Ion: 95 Resp: 281260
Ion Ratio Lower Upper
95 100
174 83.3 0.0 157.6
176 81.9 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: VW008460.D

Acq: 30 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SB-15(33.5-34)

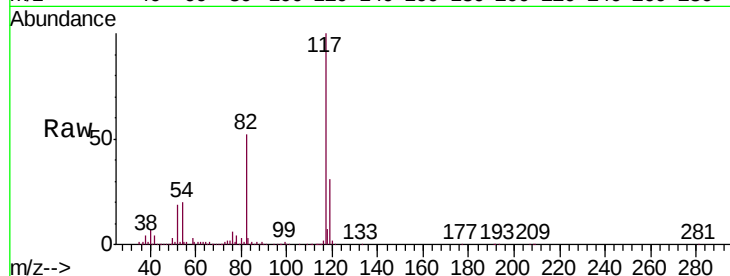
Tgt Ion:117 Resp: 576688

Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.0

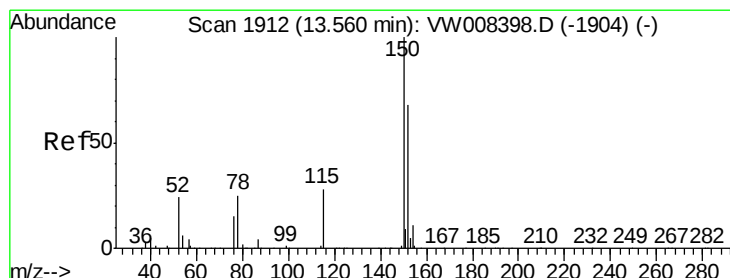
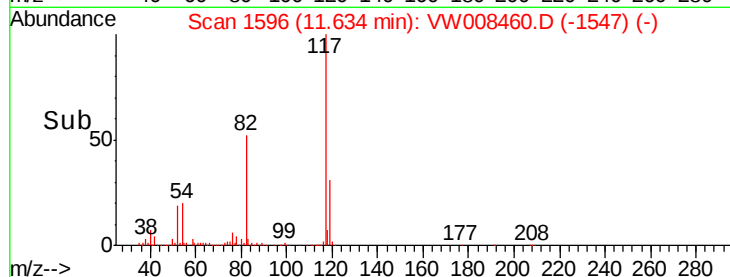
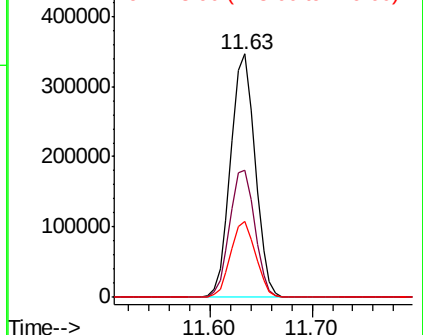
119 31.2 26.2 39.4



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: VW008460.D

Acq: 30 Jan 2019 12:44

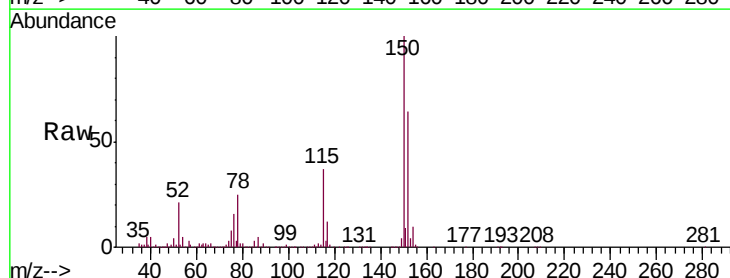
Tgt Ion:152 Resp: 289586

Ion Ratio Lower Upper

152 100

115 57.8 29.9 89.7

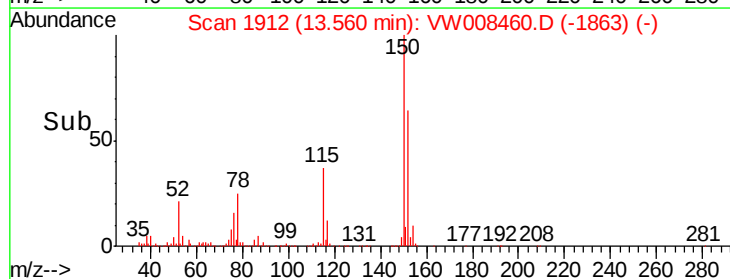
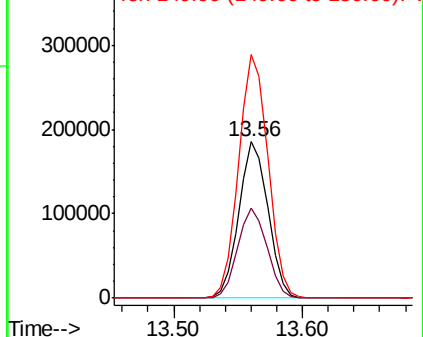
150 157.0 0.0 351.4

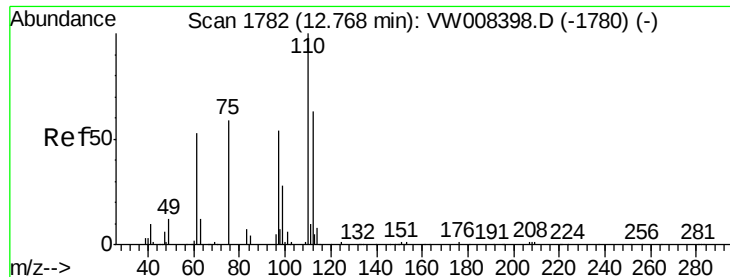


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

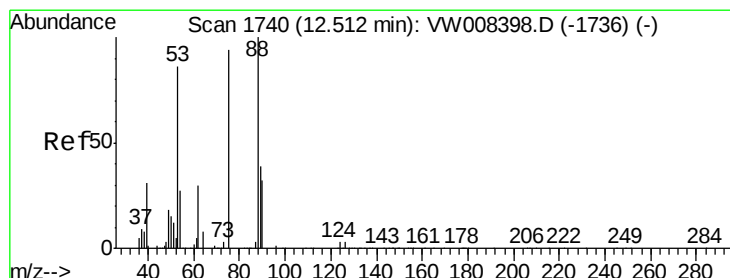
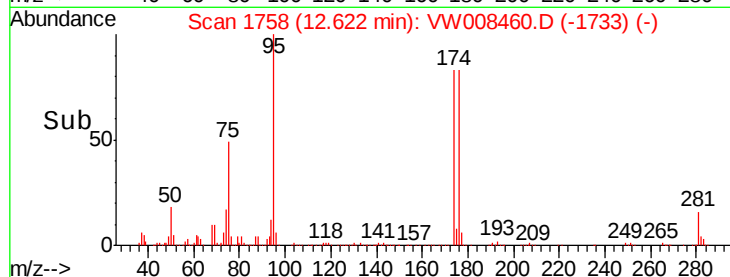
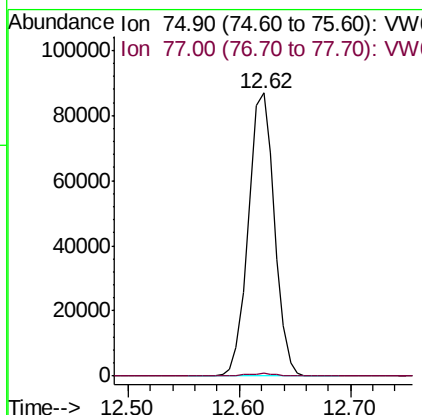
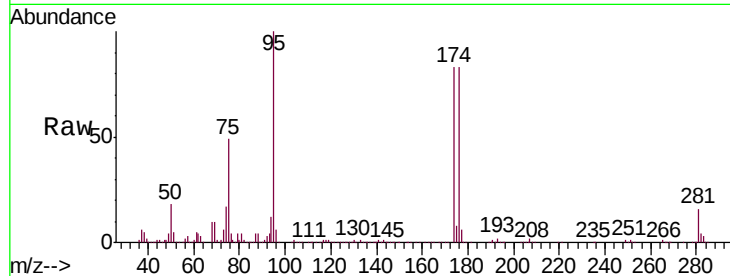




#76
 1,2,3-Trichloropropane
 Concen: 56.357 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(33.5-34)

Tgt Ion: 75 Resp: 141893
 Ion Ratio Lower Upper
 75 100
 77 1.3 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.310 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008460.D
 Acq: 30 Jan 2019 12:44

Tgt Ion: 75 Resp: 141893
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.0 114.0#
 89 0.2 35.4 53.0#

