

Data File : VW008534.D
Acq On : 06 Feb 2019 18:07
Operator : SY/VA
Sample : K1385-04
Misc : 12.72G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
98-SB-101-2-4

Quant Time: Feb 07 01:51:05 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	538804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	882114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	812136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	416731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	312923	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.88	113	279965	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	10.32	98	1047228	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	405836	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

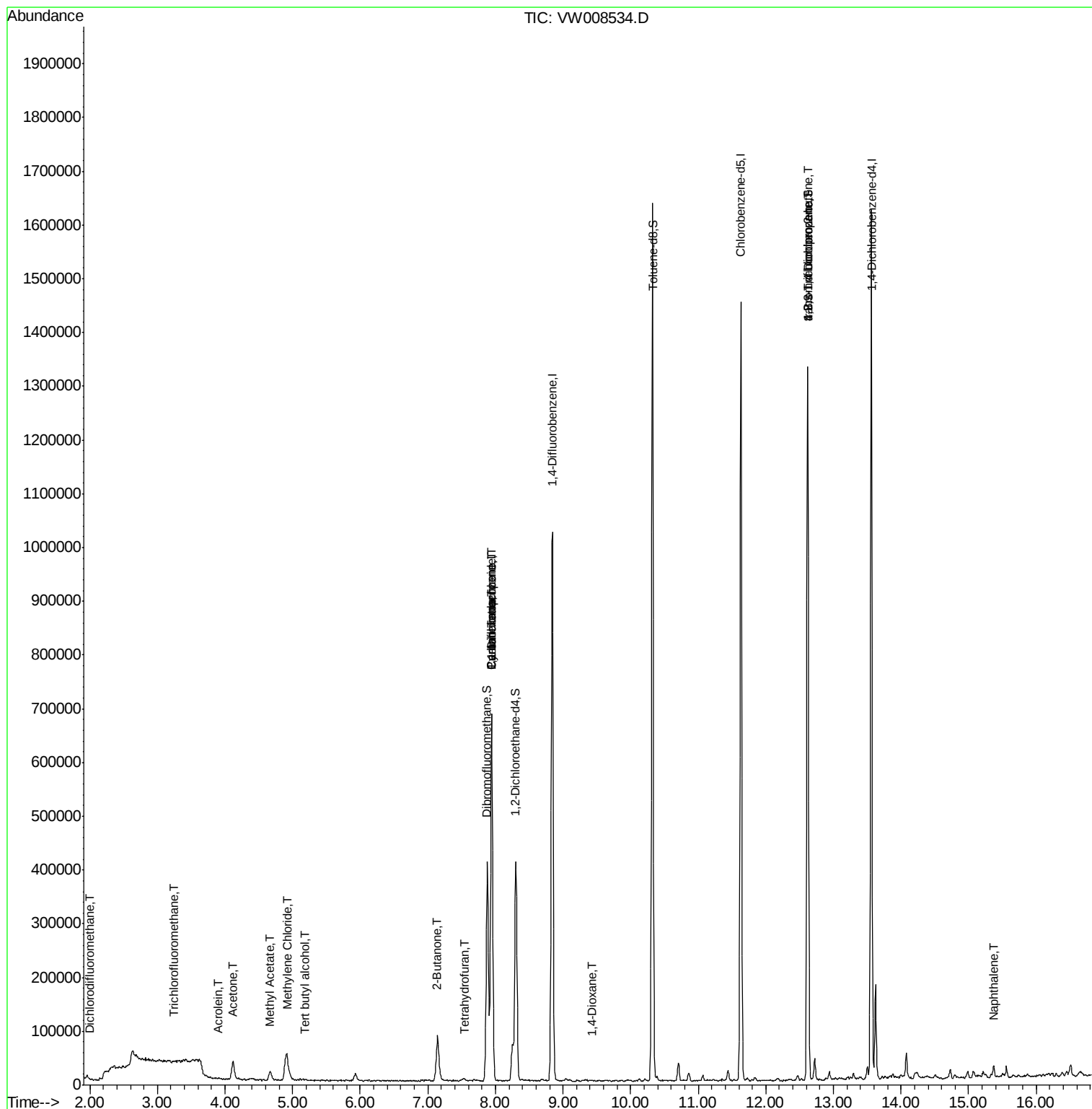
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	285	3.338	ug/l #	41
7) Trichlorofluoromethane	3.23	101	240	4.769	ug/l #	80
11) Tert butyl alcohol	5.18	59	1759	4.127	ug/l #	70
13) Acrolein	3.90	56	767	6.191	ug/l #	59
16) Acetone	4.12	43	60358	50.777	ug/l	94
18) Methyl Acetate	4.67	43	28597	9.020	ug/l	97
20) Methylene Chloride	4.91	84	46887	8.558	ug/l	96
25) 2-Butanone	7.15	43	5074	3.073	ug/l #	74
29) Tetrahydrofuran	7.54	42	3165	3.025	ug/l #	76
31) Cyclohexane	7.95	56	11756	1.132	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	40562	4.868	ug/l #	49
38) Carbon Tetrachloride	7.94	117	51953	6.196	ug/l #	17
49) 1,4-Dioxane	9.44	88	99	1.975	ug/l #	5
76) 1,2,3-Trichloropropane	12.62	75	206822	57.083	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	206822	112.743	ug/l #	12
95) Naphthalene	15.37	128	17711	1.166	ug/l #	92

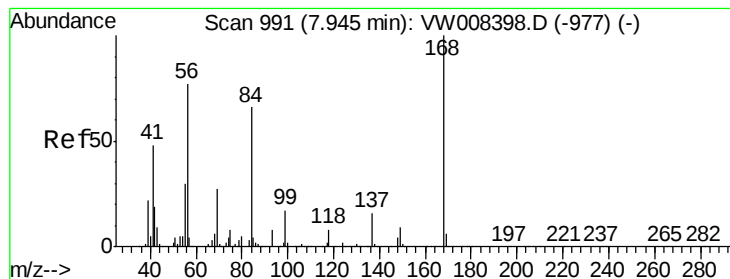
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008534.D

Acq: 06 Feb 2019 18:07

Instrument :

MSVOA_W

ClientSampled :

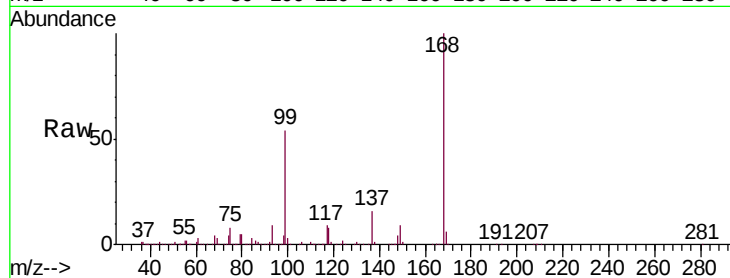
98-SB-101-2-4

Tgt Ion: 168 Resp: 538804

Ion Ratio Lower Upper

168 100

99 54.2 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

250000

200000

150000

100000

50000

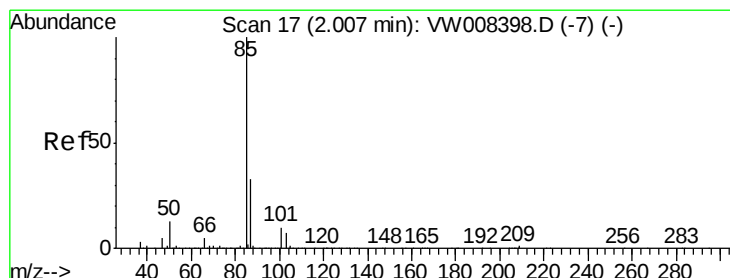
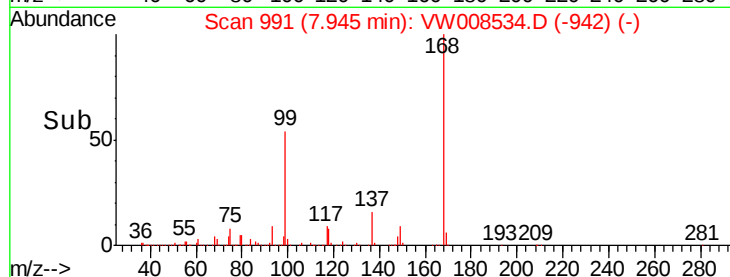
0

Time-->

7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 3.338 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008534.D

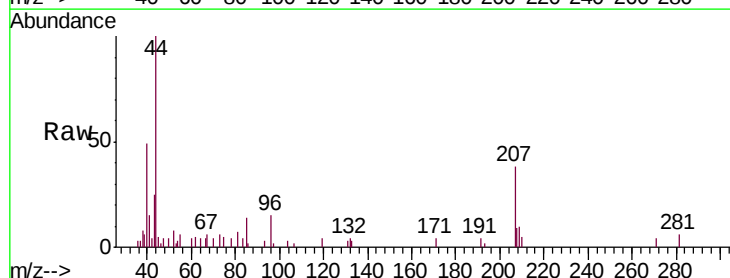
Acq: 06 Feb 2019 18:07

Tgt Ion: 85 Resp: 285

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

2.00

400

300

200

100

0

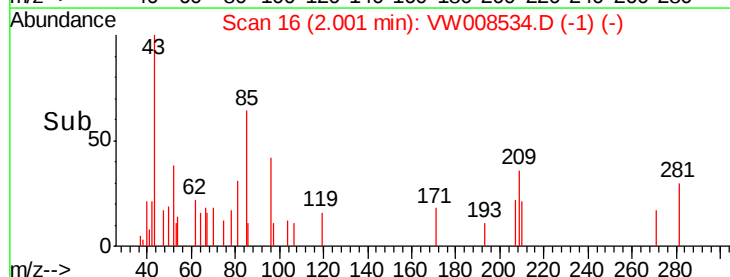
Time-->

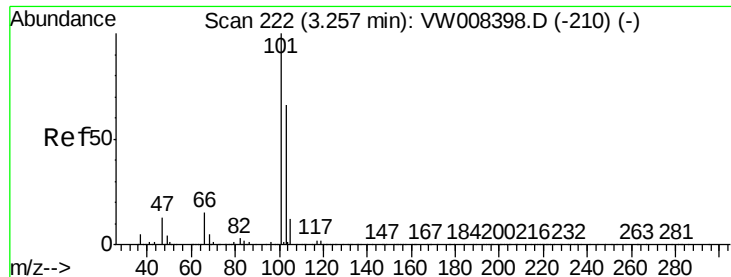
1.96

1.98

2.00

2.02



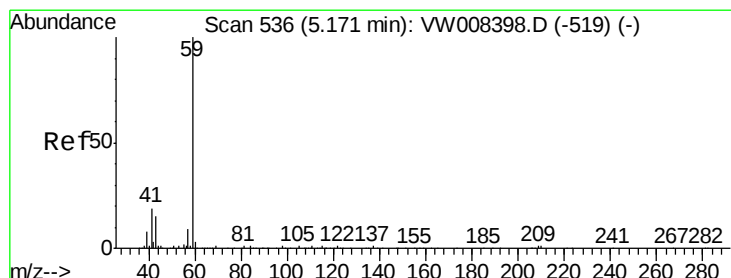
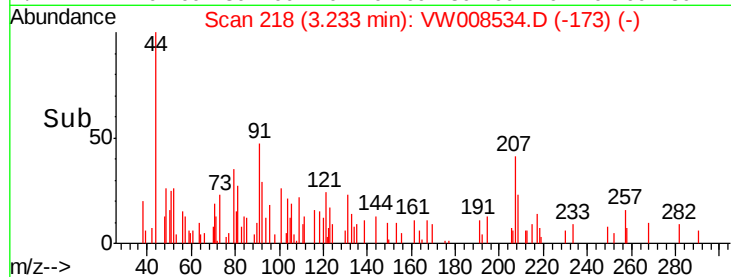
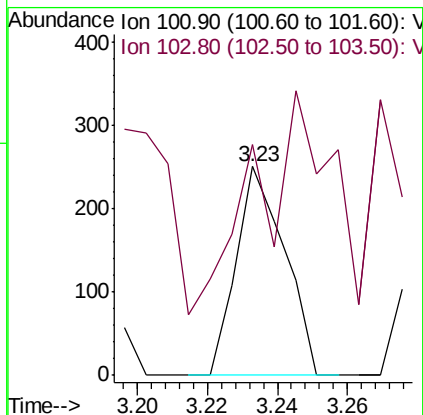
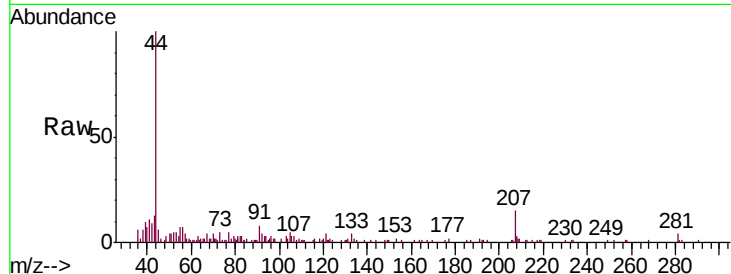


#7

Trichlorofluoromethane
 Concen: 4.769 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VW008534.D
 Acq: 06 Feb 2019 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-101-2-4

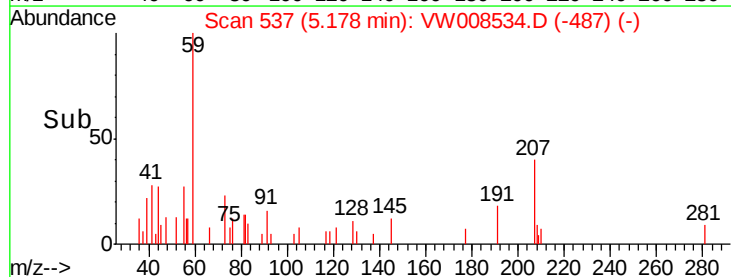
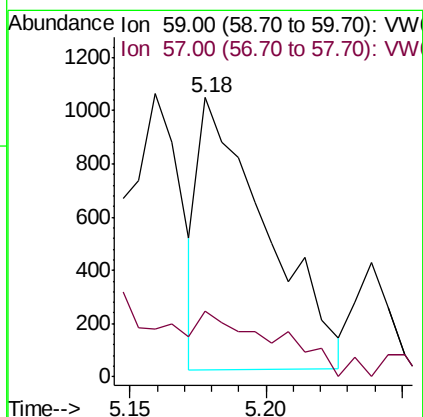
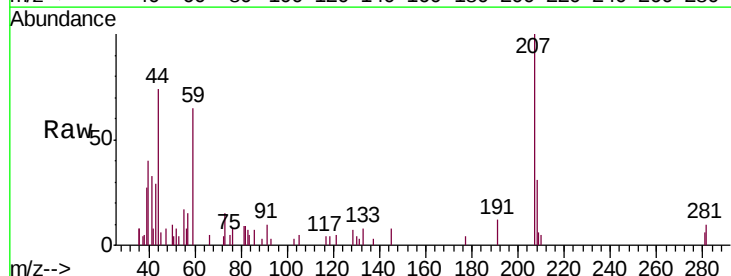
Tgt Ion:101 Resp: 240
 Ion Ratio Lower Upper
 101 100
 103 81.6 52.5 78.7#

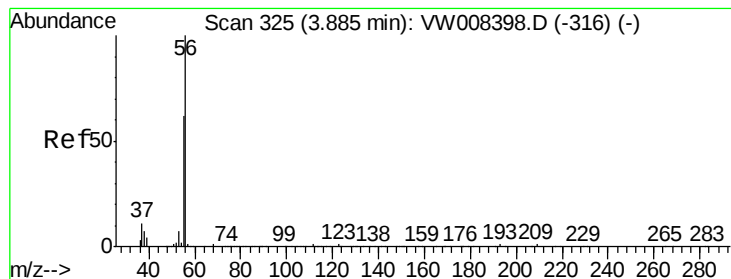


#11

Tert butyl alcohol
 Concen: 4.127 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008534.D
 Acq: 06 Feb 2019 18:07

Tgt Ion: 59 Resp: 1759
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#





#13

Acrolein

Concen: 6.191 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008534.D

Acq: 06 Feb 2019 18:07

Instrument :

MSVOA_W

ClientSampled :

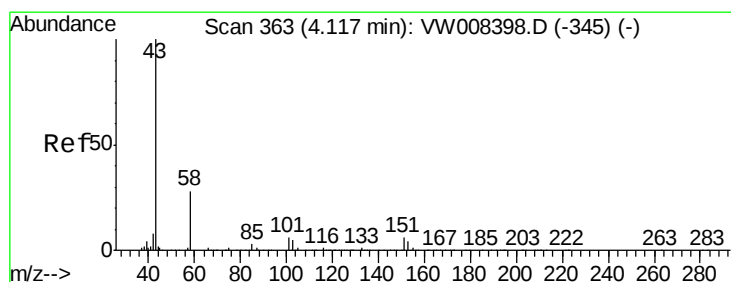
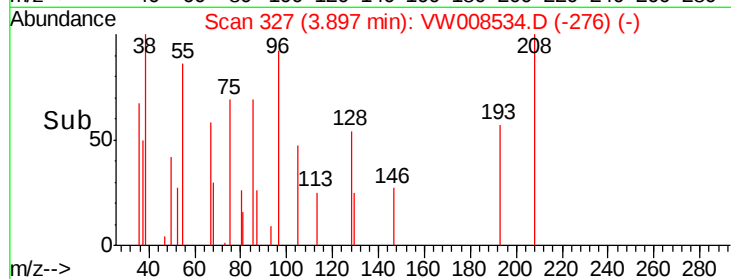
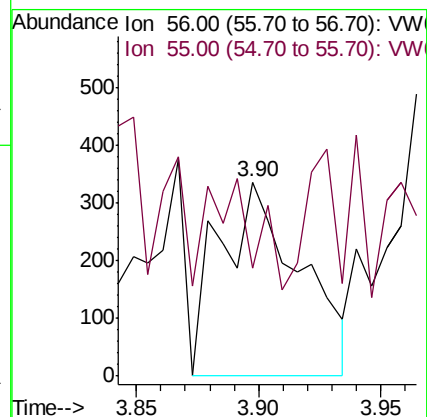
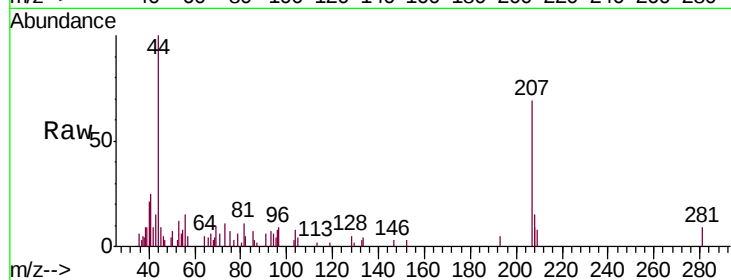
98-SB-101-2-4

Tgt Ion: 56 Resp: 767

Ion Ratio Lower Upper

56 100

55 36.8 56.7 85.1#



#16

Acetone

Concen: 50.777 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008534.D

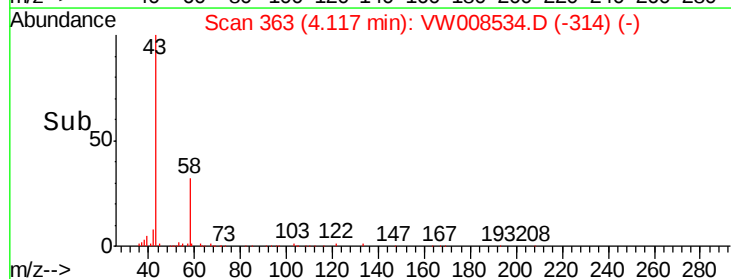
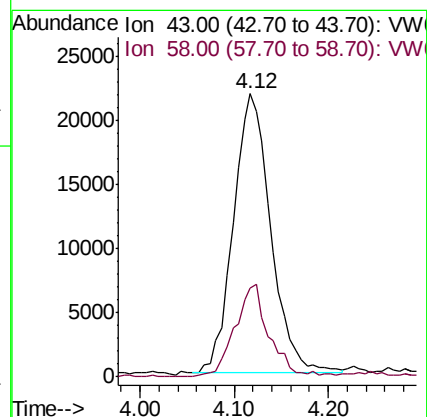
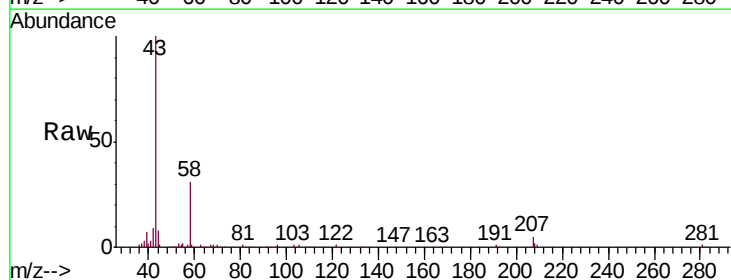
Acq: 06 Feb 2019 18:07

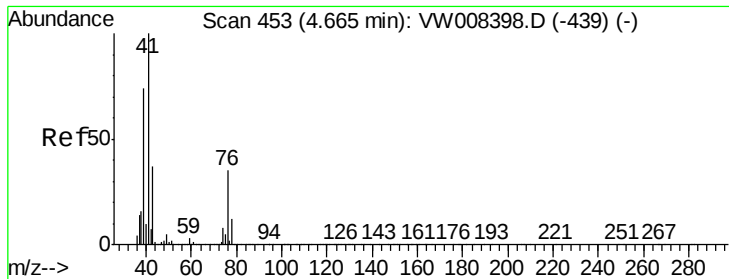
Tgt Ion: 43 Resp: 60358

Ion Ratio Lower Upper

43 100

58 31.6 22.6 34.0

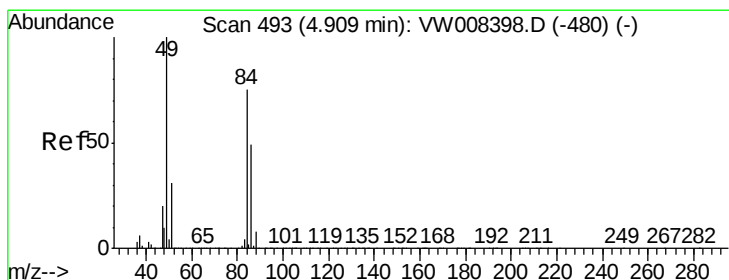
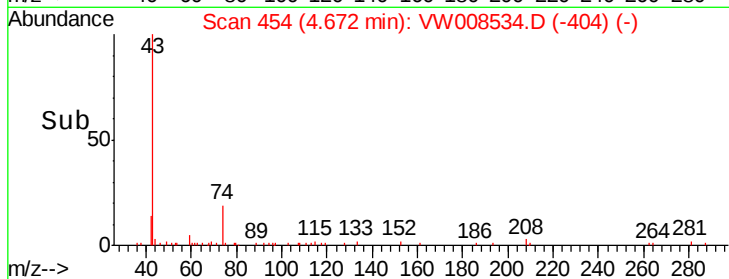
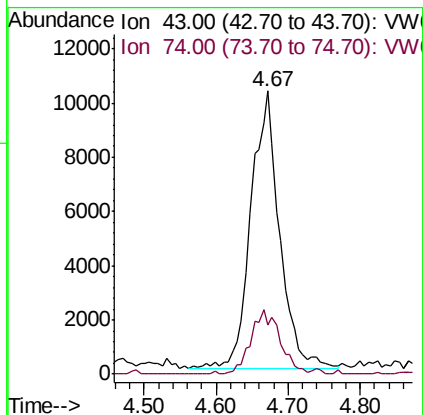
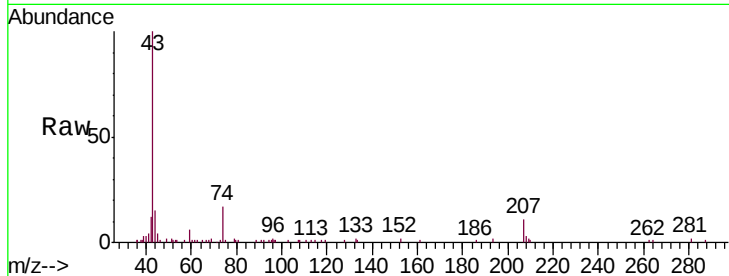




#18
Methyl Acetate
Concen: 9.020 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008534.D
Acq: 06 Feb 2019 18:07

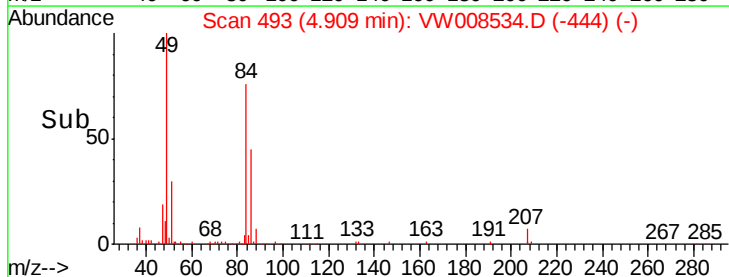
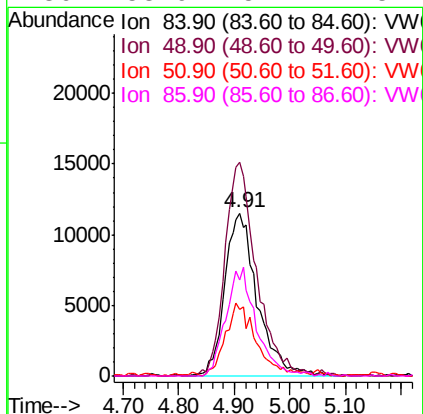
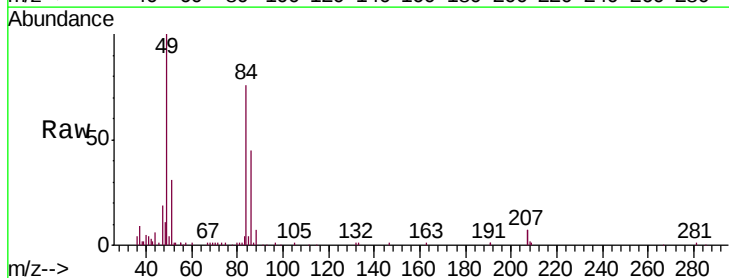
Instrument :
MSVOA_W
ClientSampleId :
98-SB-101-2-4

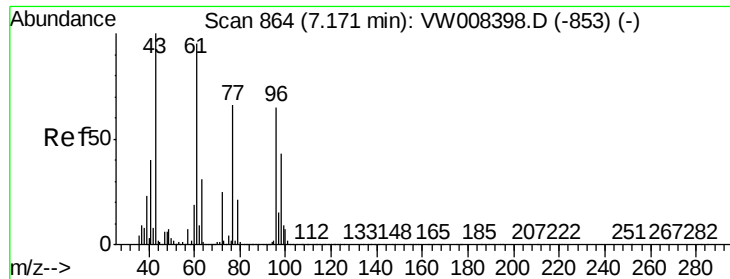
Tgt Ion: 43 Resp: 28597
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 8.558 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008534.D
Acq: 06 Feb 2019 18:07

Tgt Ion: 84 Resp: 46887
Ion Ratio Lower Upper
84 100
49 131.0 106.8 160.2
51 40.2 32.9 49.3
86 58.9 52.2 78.2





#25

2-Butanone

Concen: 3.073 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008534.D

Acq: 06 Feb 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

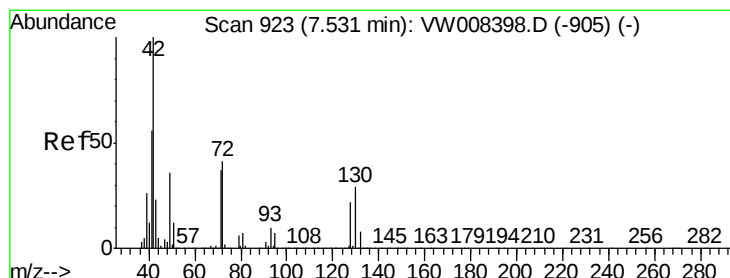
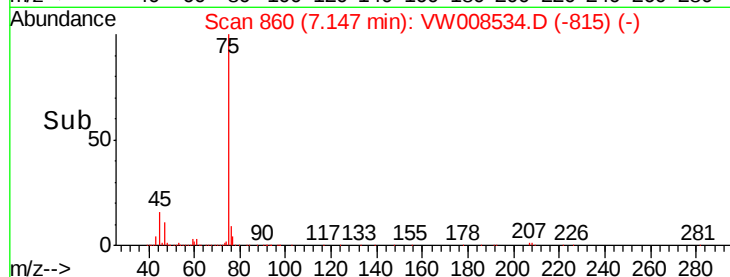
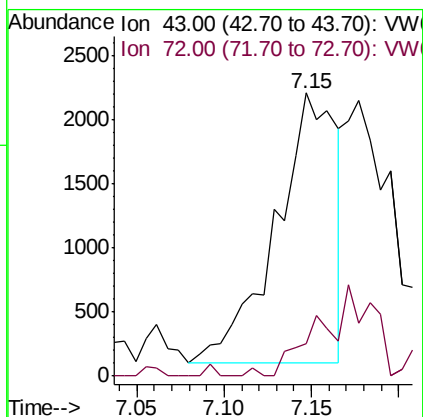
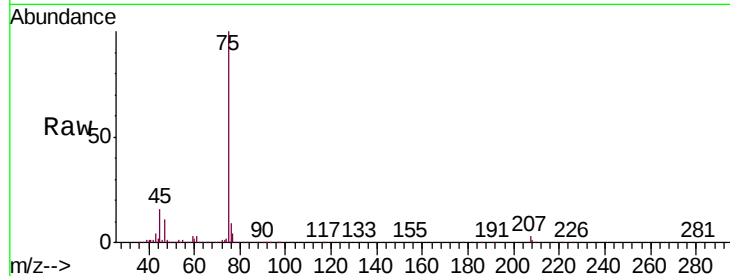
98-SB-101-2-4

Tgt Ion: 43 Resp: 5074

Ion Ratio Lower Upper

43 100

72 12.0 20.1 30.1#



#29

Tetrahydrofuran

Concen: 3.025 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008534.D

Acq: 06 Feb 2019 18:07

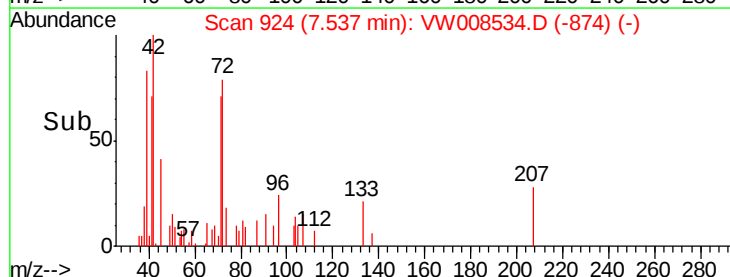
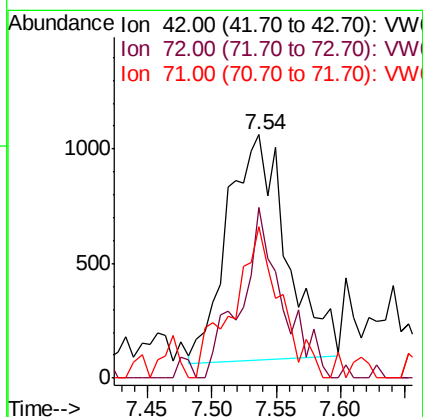
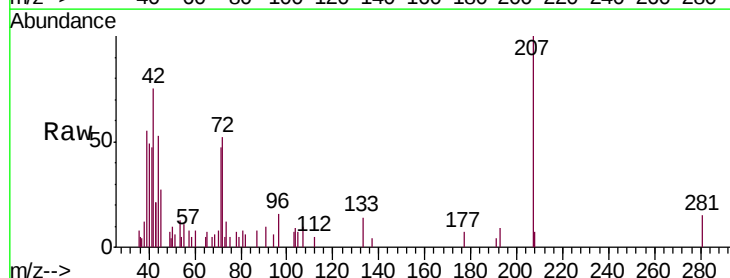
Tgt Ion: 42 Resp: 3165

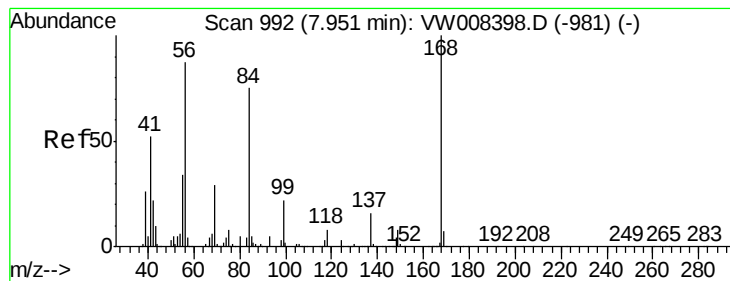
Ion Ratio Lower Upper

42 100

72 52.7 31.9 47.9#

71 53.5 29.9 44.9#





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008534.D

Acq: 06 Feb 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

98-SB-101-2-4

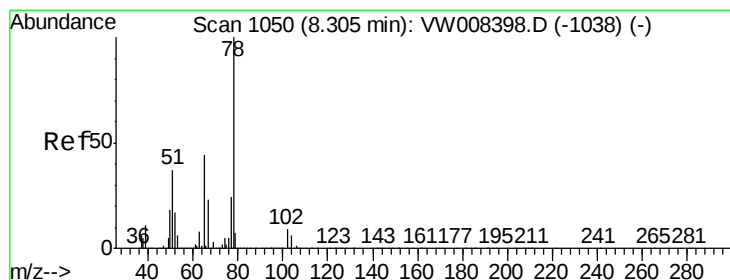
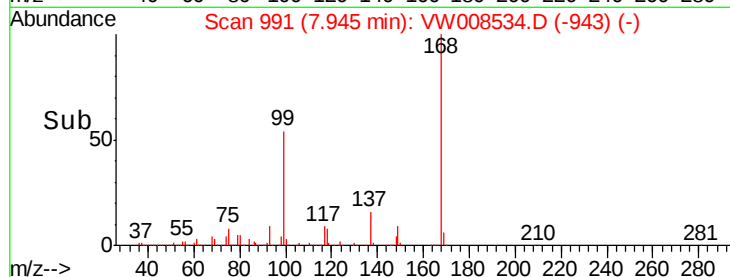
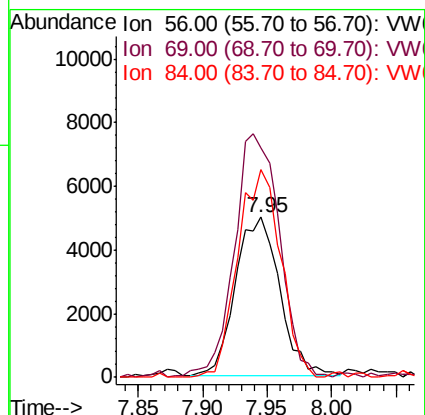
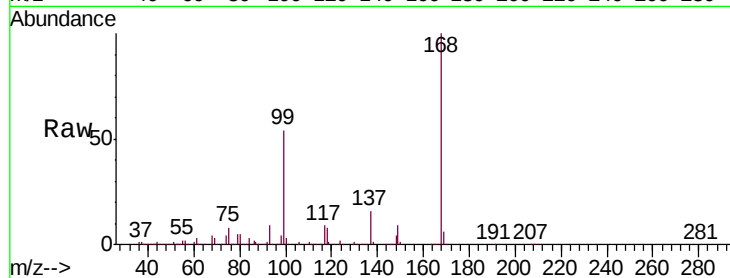
Tgt Ion: 56 Resp: 11756

Ion Ratio Lower Upper

56 100

69 143.1 26.4 39.6#

84 132.2 69.1 103.7#



#33

1,2-Dichloroethane-d4

Concen: 59.117 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008534.D

Acq: 06 Feb 2019 18:07

Tgt Ion: 65 Resp: 312923

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0

