

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008558.D
 Acq On : 07 Feb 2019 17:43
 Operator : SY/VA
 Sample : K1390-08
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06(0-2)

Quant Time: Feb 08 22:42:43 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	34964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	51071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	38850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10769	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	20517	59.73	ug/l	0.00
Spiked Amount			Recovery	=	119.46%	
35) Dibromofluoromethane	7.88	113	16107	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
50) Toluene-d8	10.32	98	59665	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.62	95	15750	34.22	ug/l	0.00
Spiked Amount			Recovery	=	68.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	75	3.599	ug/l #	41
3) Chloromethane	2.21	50	314	1.100	ug/l #	1
7) Trichlorofluoromethane	3.26	101	40	4.839	ug/l #	17
11) Tert butyl alcohol	5.13	59	1052	38.040	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	350	1.094	ug/l #	1
13) Acrolein	3.86	56	355	18.491	ug/l #	50
15) Acrylonitrile	5.37	53	194	2.577	ug/l #	68
16) Acetone	4.12	43	2288	29.662	ug/l #	78
20) Methylene Chloride	4.92	84	3476	9.777	ug/l #	71
21) trans-1,2-Dichloroethene	5.40	96	422	1.173	ug/l #	1
25) 2-Butanone	7.17	43	140	1.307	ug/l #	50
27) cis-1,2-Dichloroethene	7.01	96	479	1.222	ug/l	1
29) Tetrahydrofuran	7.55	42	526	7.747	ug/l #	46
31) Cyclohexane	7.95	56	1677	2.488	ug/l #	84
37) Ethyl Acetate	7.24	43	716	3.355	ug/l #	82
38) Carbon Tetrachloride	7.95	117	3994	8.227	ug/l #	15
39) Methylcyclohexane	9.34	83	681	1.075	ug/l #	49
47) Bromodichloromethane	9.64	83	646	1.423	ug/l #	48
49) 1,4-Dioxane	9.45	88	125	43.076	ug/l #	1
51) 4-Methyl-2-Pentanone	10.43	43	273	1.246	ug/l	92
52) Toluene	10.39	92	887	1.004	ug/l #	40
59) 2-Hexanone	11.11	43	169	1.093	ug/l	66
60) Dibromochloromethane	11.07	129	393	1.284	ug/l	82
71) Bromoform	12.33	173	203	1.272	ug/l #	88
74) N-amyl acetate	12.26	43	2262	10.937	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.64	83	1586	12.478	ug/l	98
76) 1,2,3-Trichloropropane	12.90	75	311	3.322	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	9293	196.034	ug/l #	13
82) 4-Chlorotoluene	12.98	91	703	1.213	ug/l	87
83) tert-Butylbenzene	13.17	119	837	1.402	ug/l	86
86) p-Isopropyltoluene	13.51	119	1317	1.763	ug/l #	20
89) n-Butylbenzene	13.83	91	2278	3.106	ug/l #	57
90) Hexachloroethane	14.10	117	630	4.312	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.57	75	207	8.583	ug/l	67

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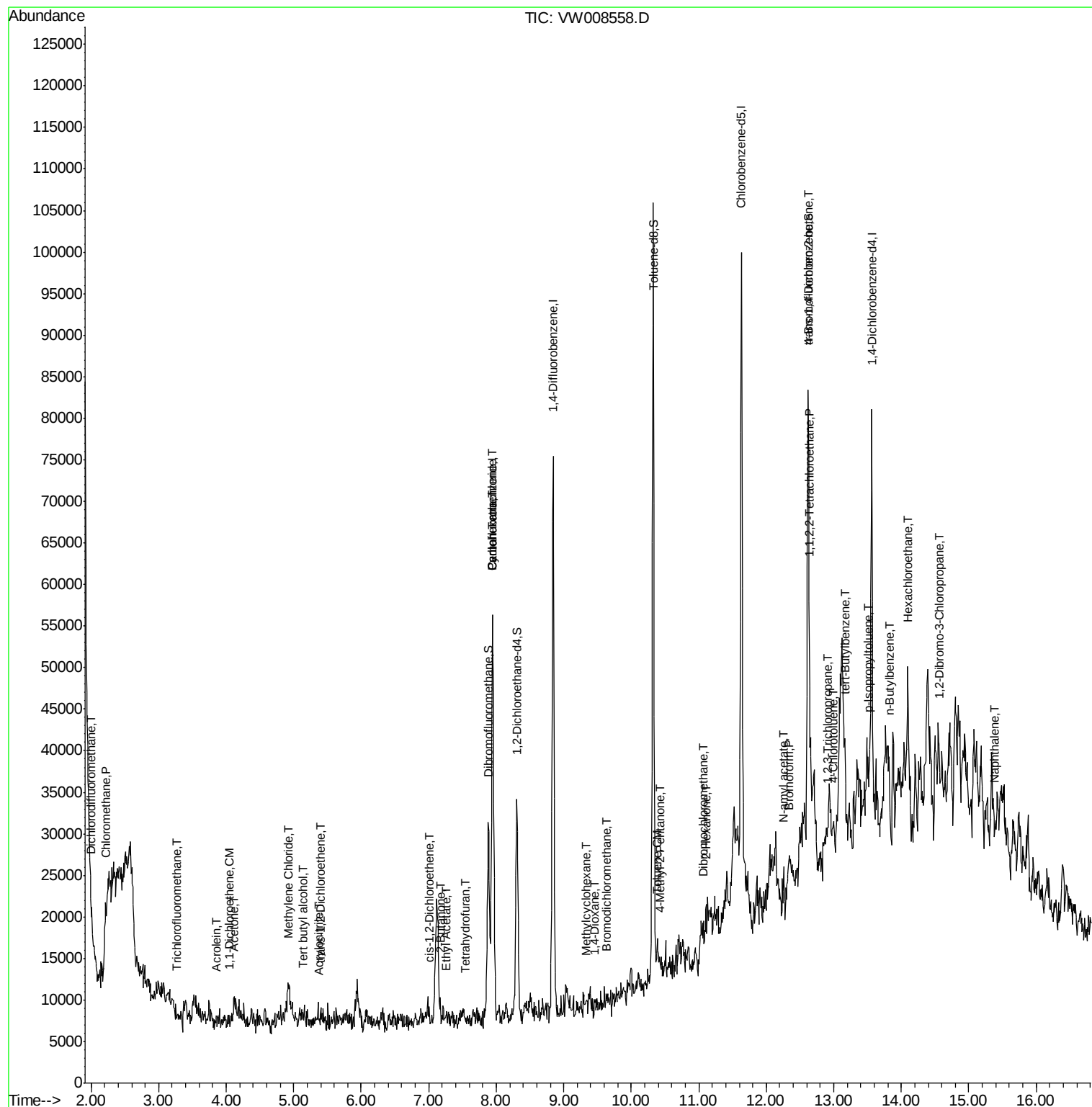
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	440	1.121	ug/l #	1

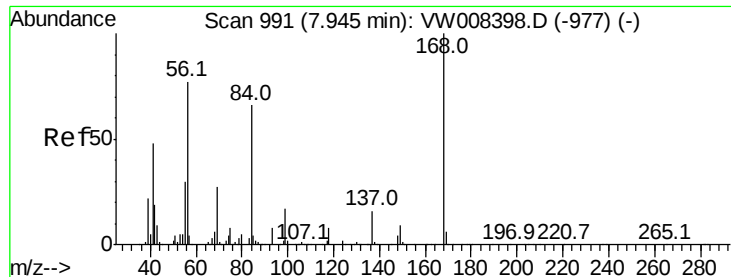
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

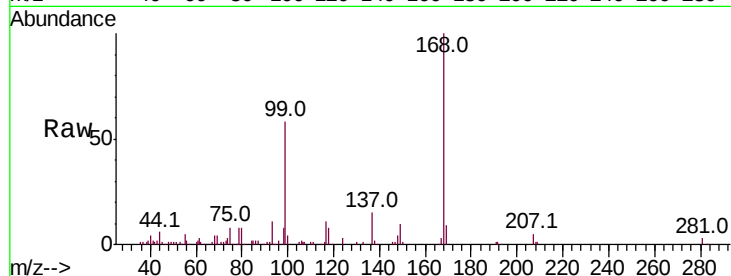
SB-06(0-2)

Tot Ion:168 Resp: 34964

Ion Ratio Lower Upper

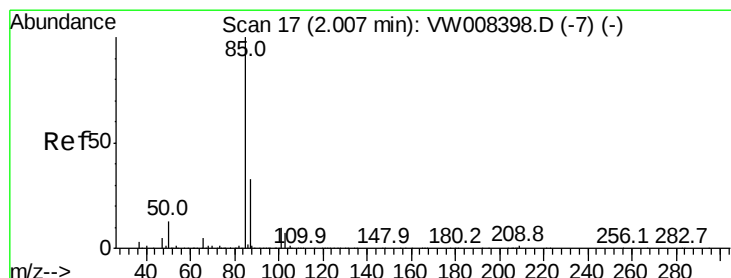
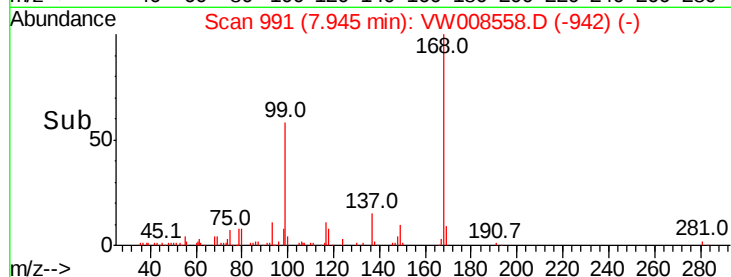
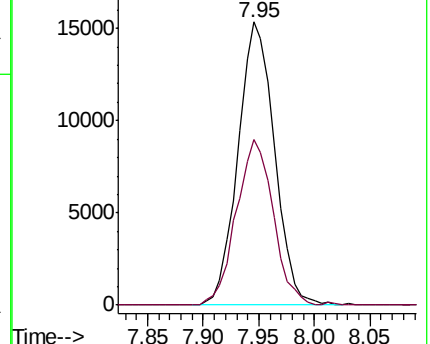
168 100

99 58.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.599 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008558.D

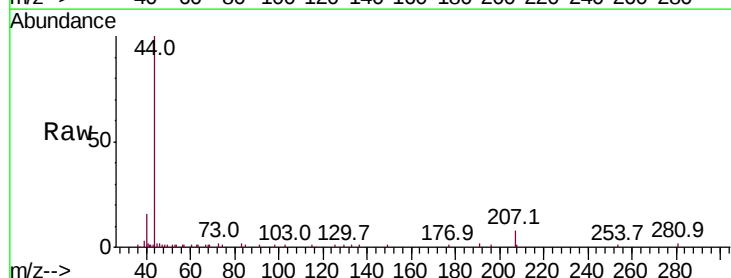
Acq: 07 Feb 2019 17:43

Tgt Ion: 85 Resp: 75

Ion Ratio Lower Upper

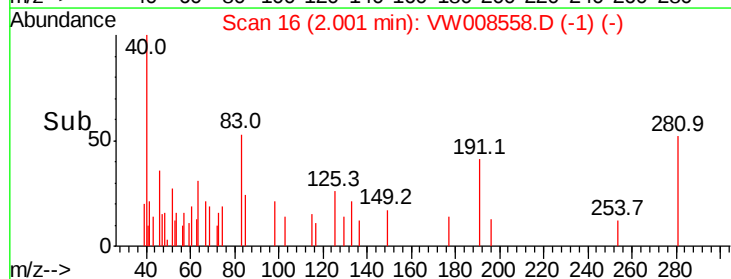
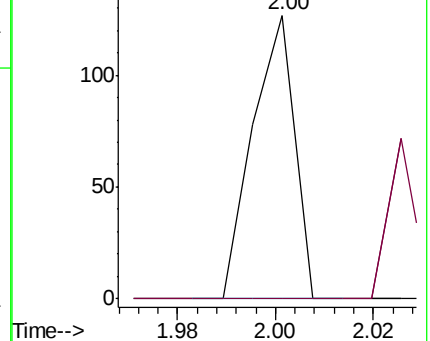
85 100

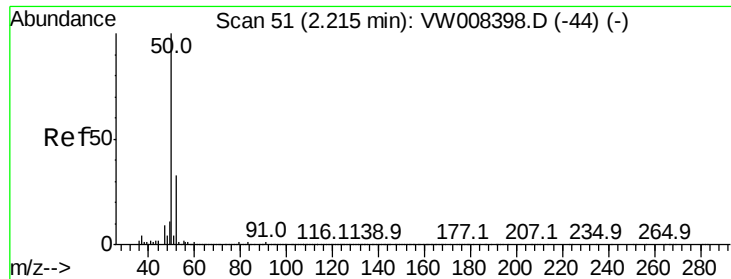
87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 1.100 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

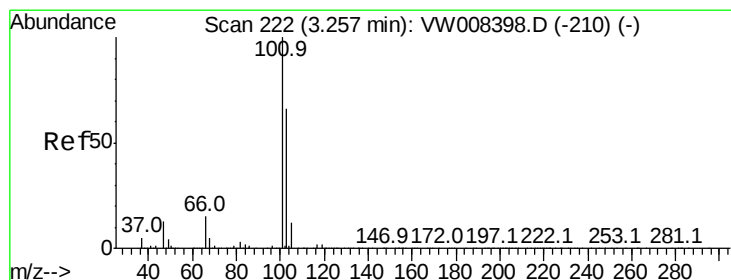
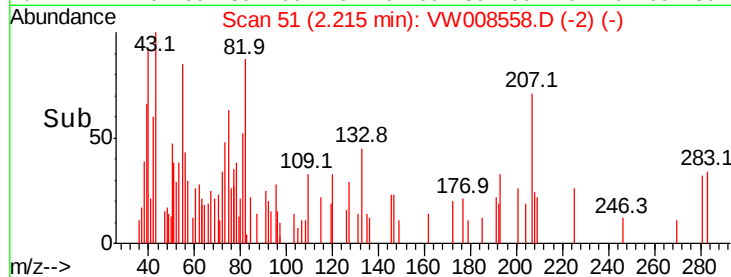
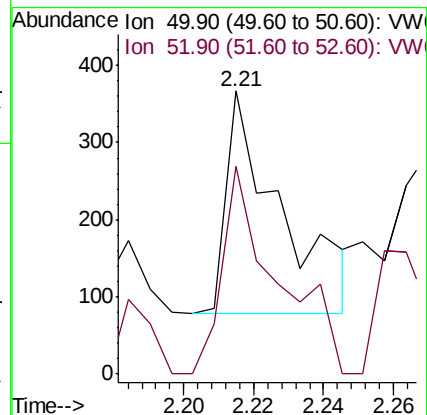
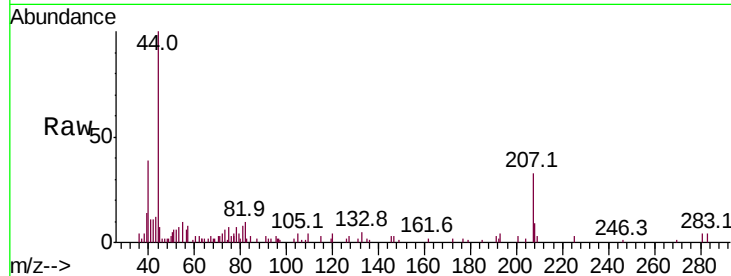
SB-06(0-2)

Tot Ion: 50 Resp: 314

Ion Ratio Lower Upper

50 100

52 93.1 26.3 39.5#



#7

Trichlorofluoromethane

Concen: 4.839 ug/l

RT: 3.26 min Scan# 223

Delta R.T. 0.01 min

Lab File: VW008558.D

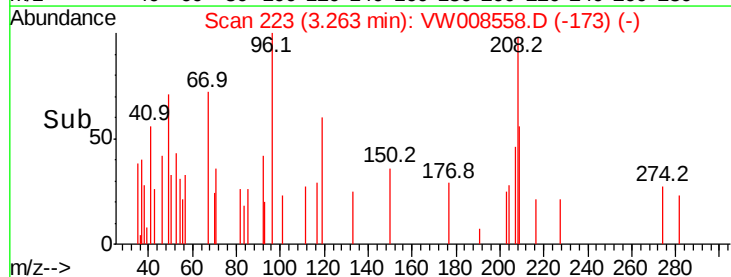
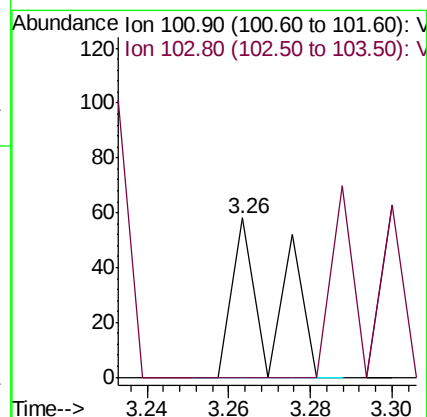
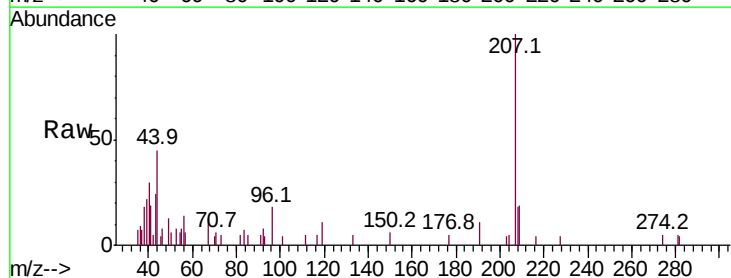
Acq: 07 Feb 2019 17:43

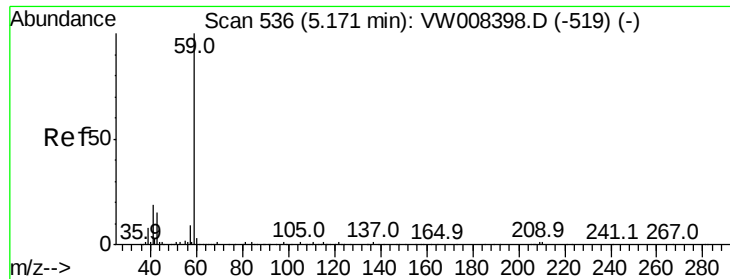
Tgt Ion: 101 Resp: 40

Ion Ratio Lower Upper

101 100

103 0.0 52.5 78.7#



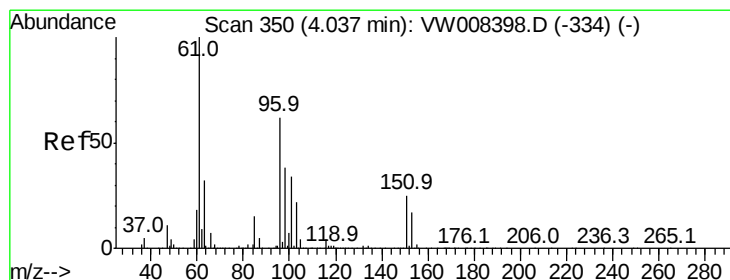
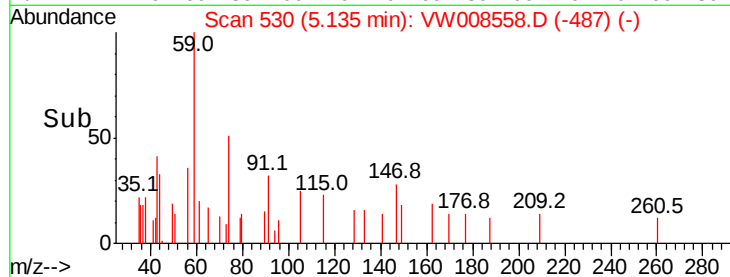
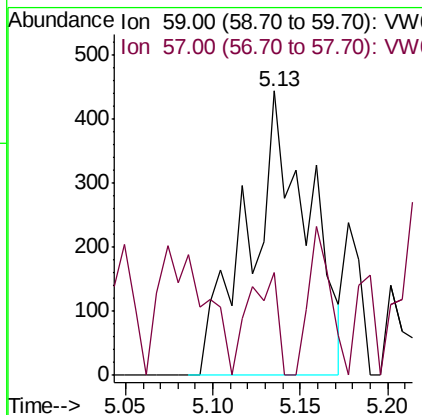
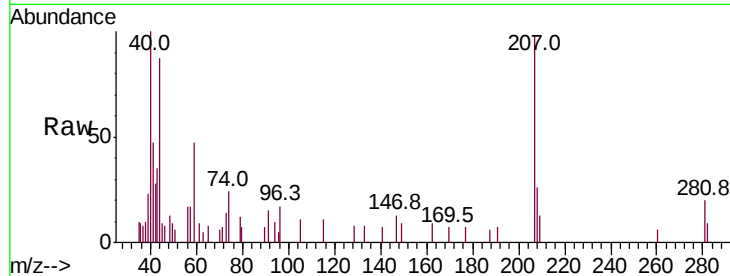


#11

Tert butyl alcohol
Concen: 38.040 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.04 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Instrument :
MSVOA_W
ClientSampleId :
SB-06(0-2)

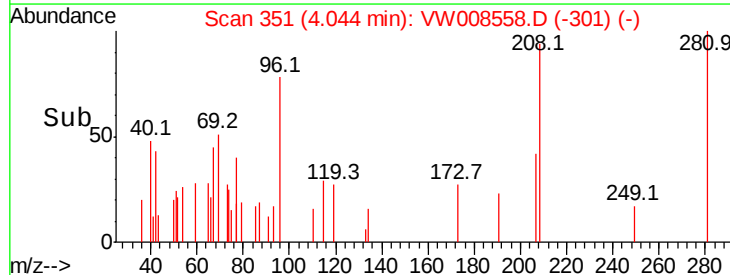
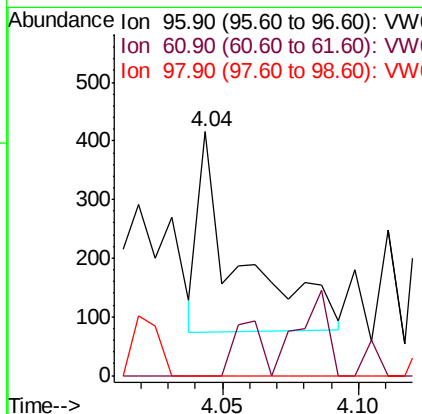
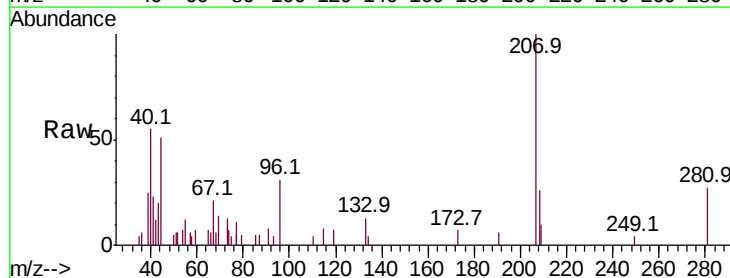
Tot Ion: 59 Resp: 1052
Ion Ratio Lower Upper
59 100
57 17.4 9.3 13.9#

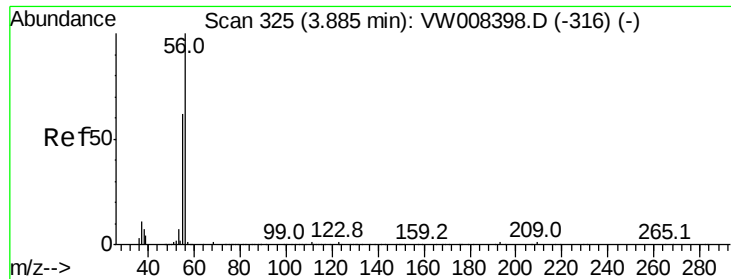


#12

1,1-Dichloroethene
Concen: 1.094 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 0.0 129.5 194.3#
98 0.0 48.6 73.0#





#13

Acrolein

Concen: 18.491 ug/l

RT: 3.86 min Scan# 321

Delta R.T. -0.02 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

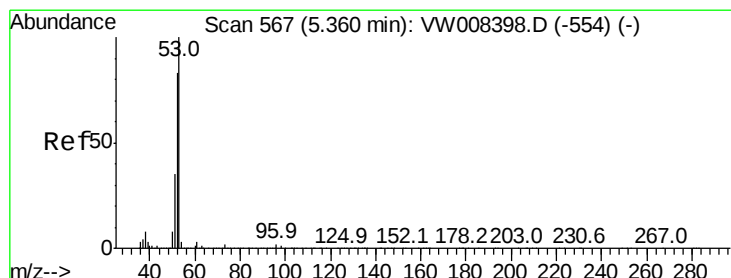
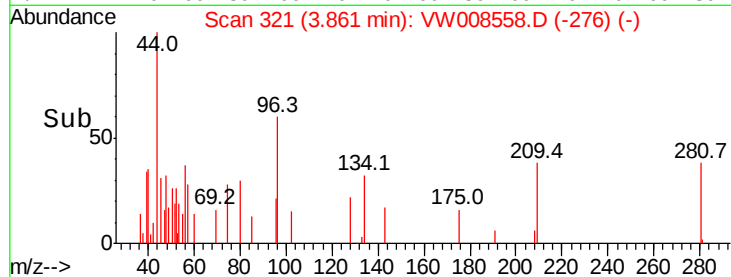
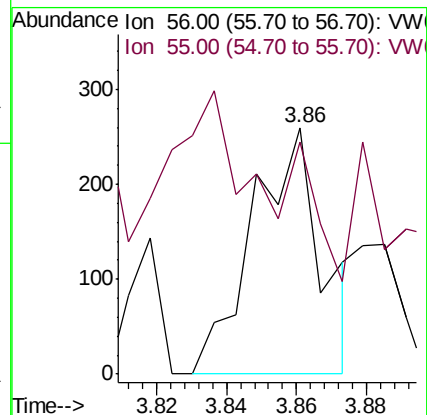
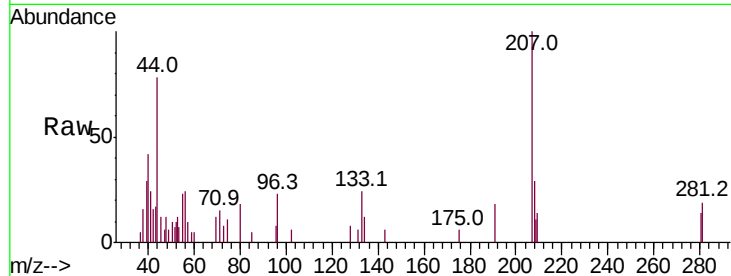
SB-06(0-2)

Tot Ion: 56 Resp: 355

Ion Ratio Lower Upper

56 100

55 29.6 56.7 85.1#



#15

Acrylonitrile

Concen: 2.577 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

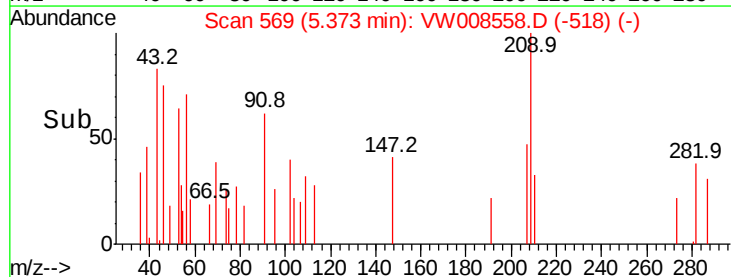
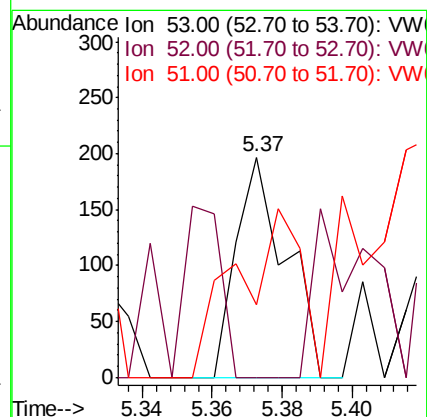
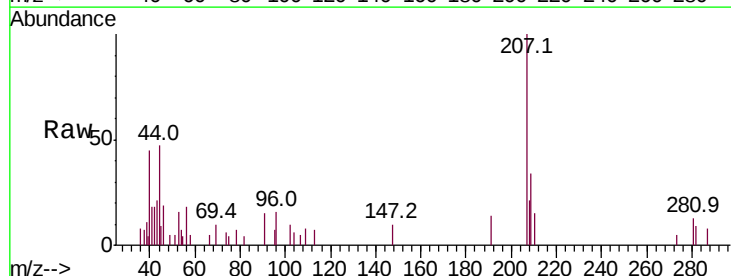
Tgt Ion: 53 Resp: 194

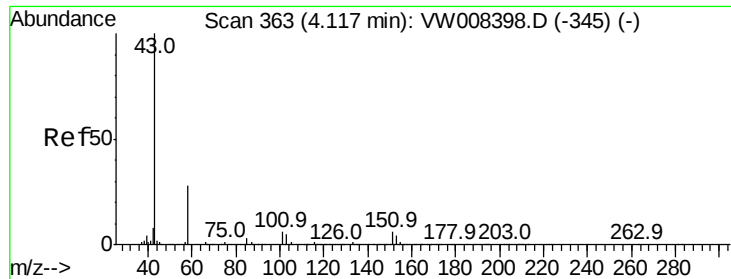
Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.4

51 97.9 29.8 44.8#

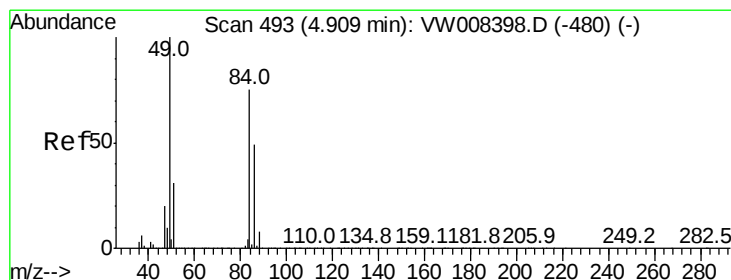
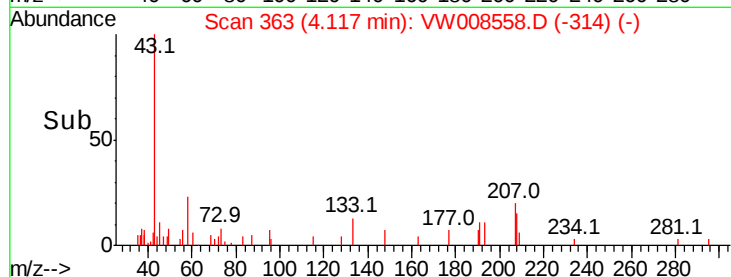
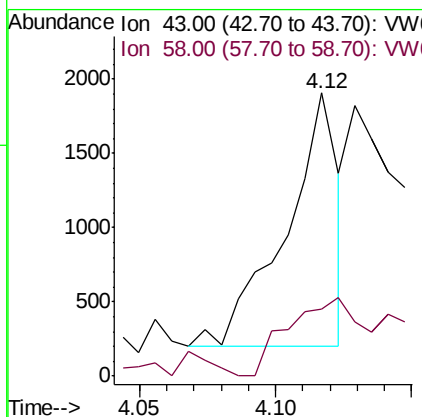
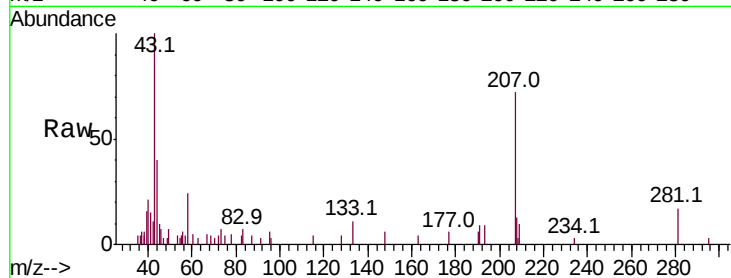




#16
Acetone
Concen: 29.662 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

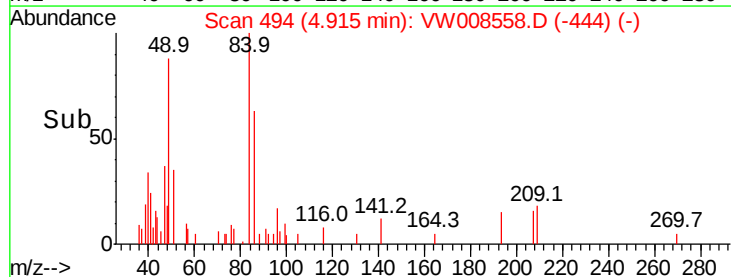
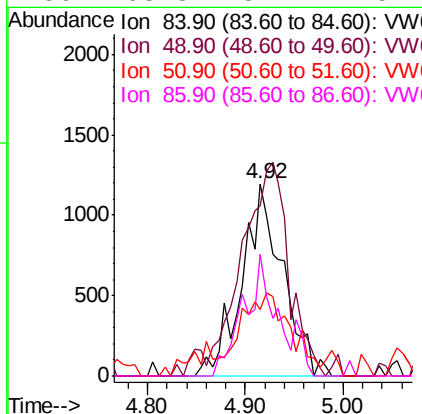
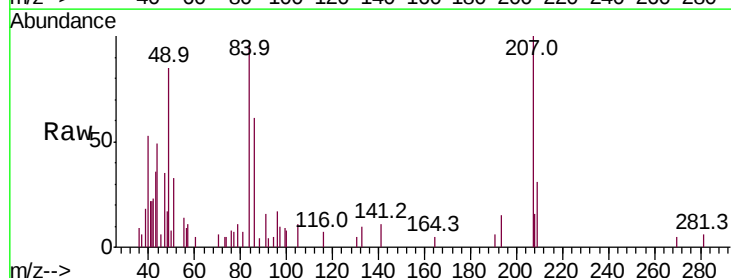
Instrument :
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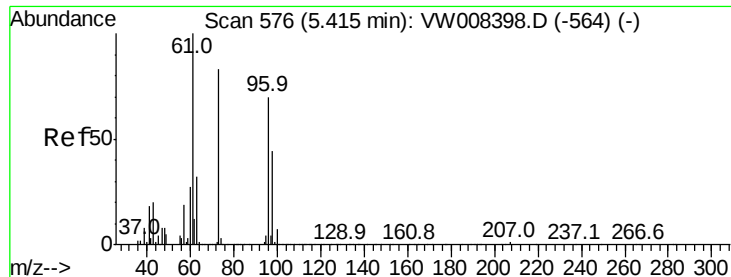
Tot Ion: 43 Resp: 2288
Ion Ratio Lower Upper
43 100
58 16.8 22.6 34.0#



#20
Methylene Chloride
Concen: 9.777 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 84 Resp: 3476
Ion Ratio Lower Upper
84 100
49 80.7 106.8 160.2#
51 27.7 32.9 49.3#
86 63.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 1.173 ug/l

RT: 5.40 min Scan# 573

Delta R.T. -0.02 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

SB-06(0-2)

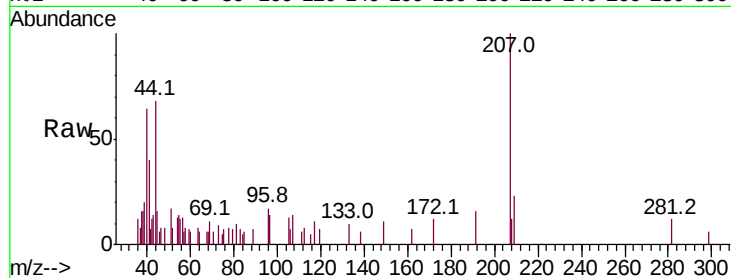
Tot Ion: 96 Resp: 422

Ion Ratio Lower Upper

96 100

61 0.0 114.4 171.6#

98 0.0 50.6 75.8#



Abundance Ion 95.90 (95.60 to 96.60): VW

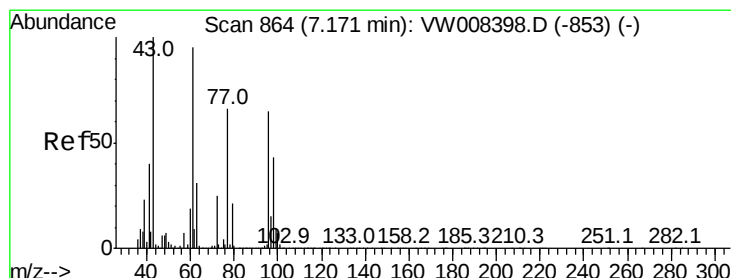
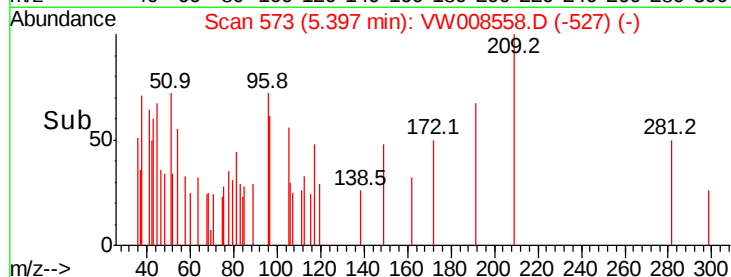
Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

5.40

5.38 5.40 5.42

Time-->



#25

2-Butanone

Concen: 1.307 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008558.D

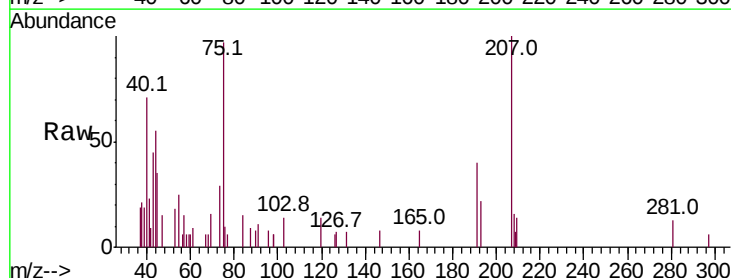
Acq: 07 Feb 2019 17:43

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



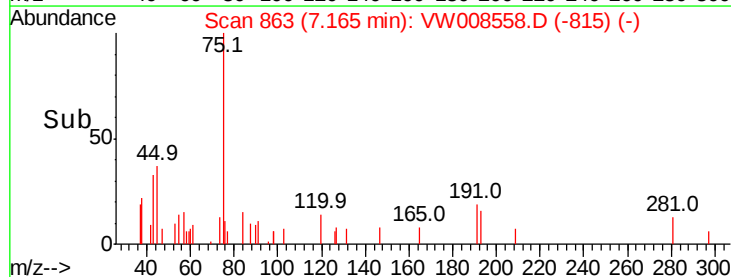
Abundance Ion 43.00 (42.70 to 43.70): VW

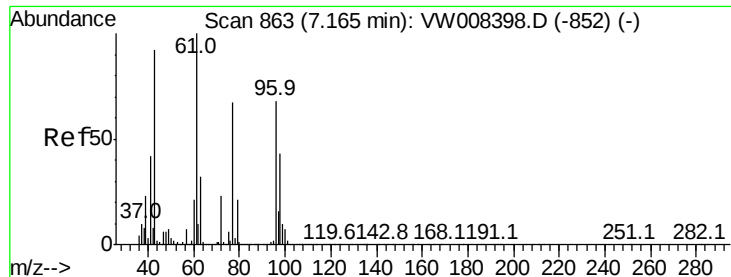
Ion 72.00 (71.70 to 72.70): VW

7.17

7.15 7.16 7.17

Time-->



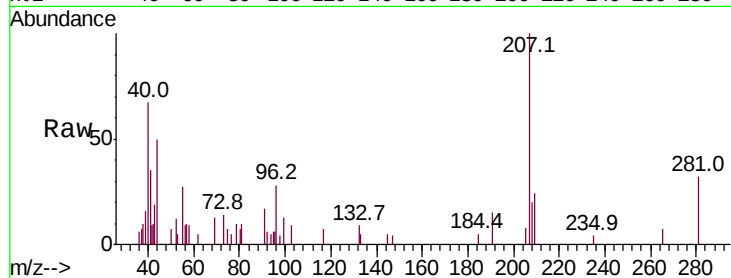


#27

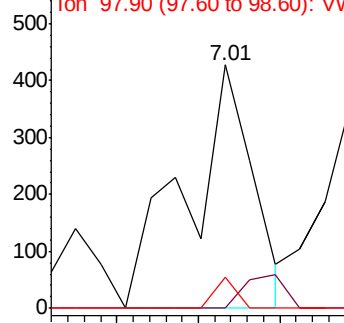
cis-1,2-Dichloroethene
 Concen: 1.222 ug/l
 RT: 7.01 min Scan# 837
 Delta R.T. -0.16 min
 Lab File: VW008558.D
 Acq: 07 Feb 2019 17:43

Instrument :
 MSVOA_W
 ClientSampled :
 SB-06(0-2)

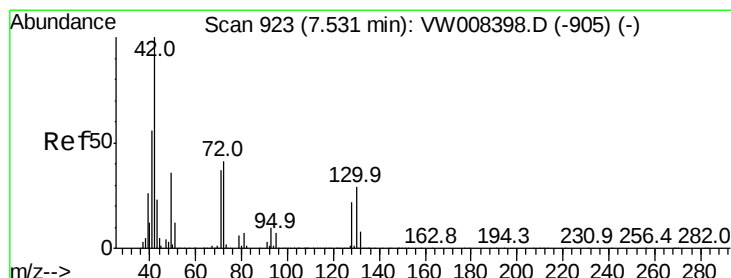
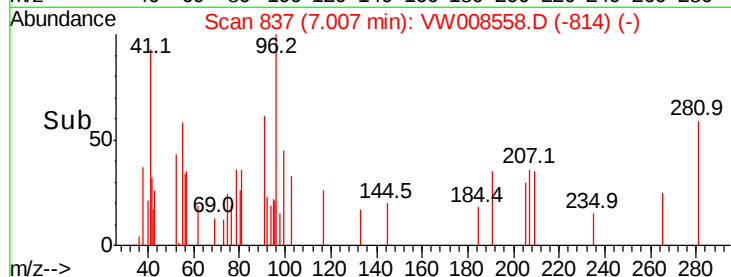
Tot Ion:	96	Resp:	479
Ion	Ratio	Lower	Upper
96	100		
61	8.4	0.0	292.8
98	4.2	0.0	129.2



Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



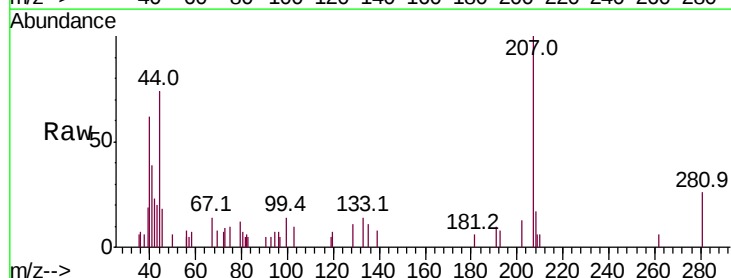
Time-->



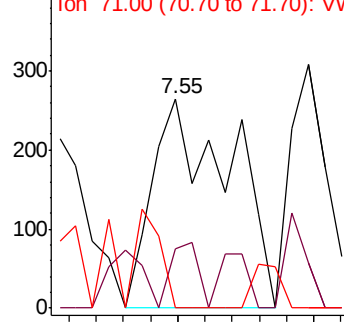
#29

Tetrahydrofuran
 Concen: 7.747 ug/l
 RT: 7.55 min Scan# 926
 Delta R.T. 0.02 min
 Lab File: VW008558.D
 Acq: 07 Feb 2019 17:43

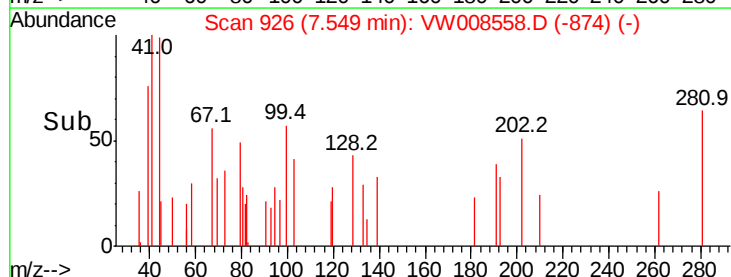
Tgt Ion:	42	Resp:	526
Ion	Ratio	Lower	Upper
42	100		
72	11.0	31.9	47.9#
71	0.0	29.9	44.9#

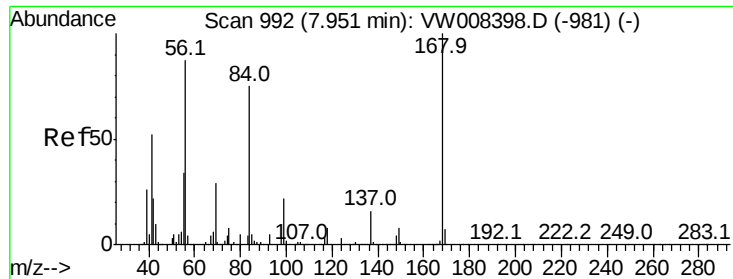


Abundance Ion 42.00 (41.70 to 42.70): VW
 Ion 72.00 (71.70 to 72.70): VW
 Ion 71.00 (70.70 to 71.70): VW



Time-->

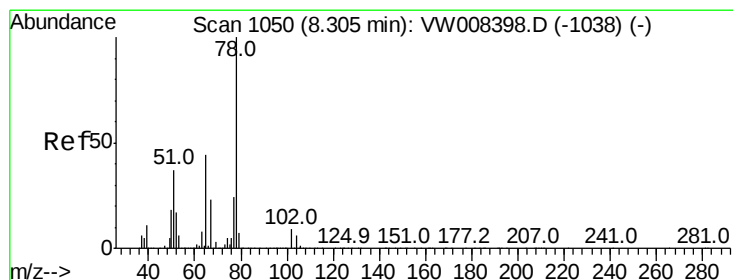
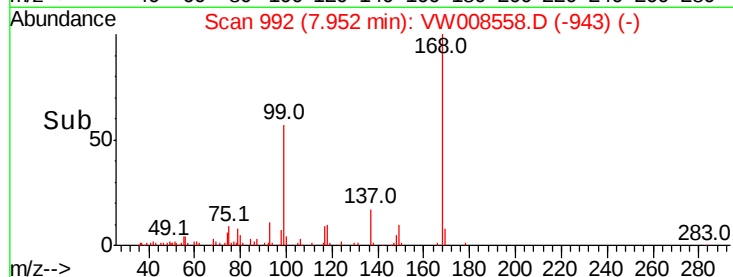
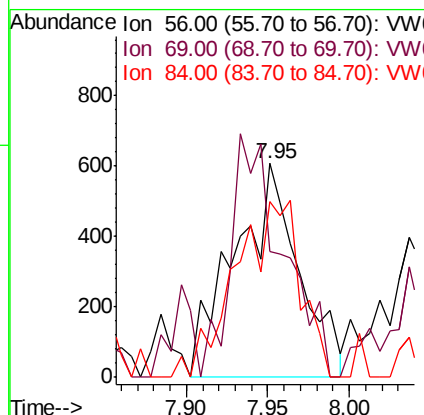
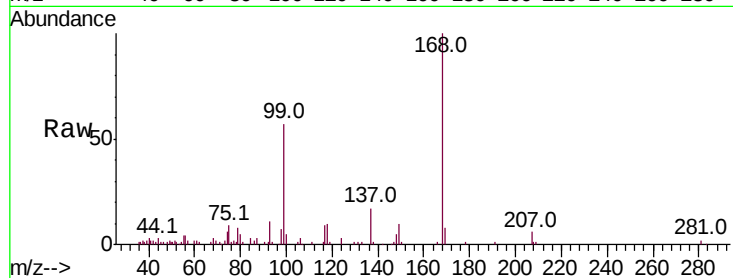




#31
Cyclohexane
Concen: 2.488 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

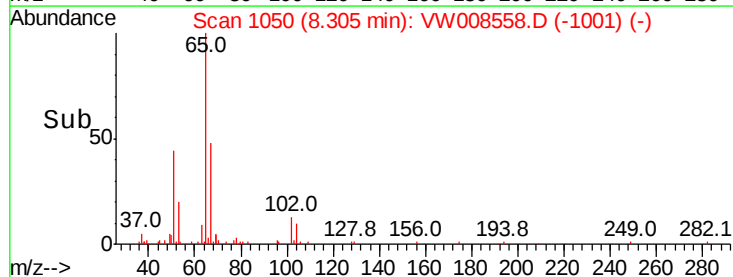
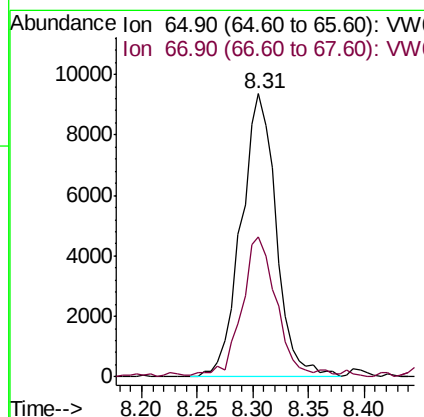
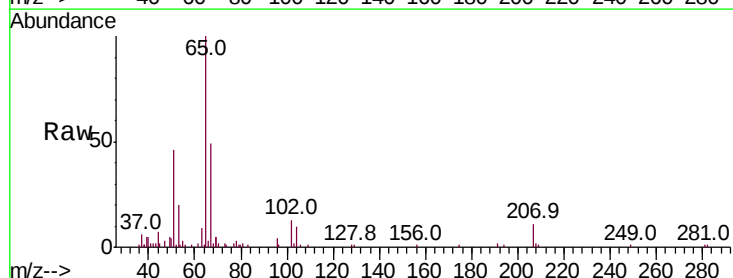
Instrument :
MSVOA_W
ClientSampled :
SB-06(0-2)

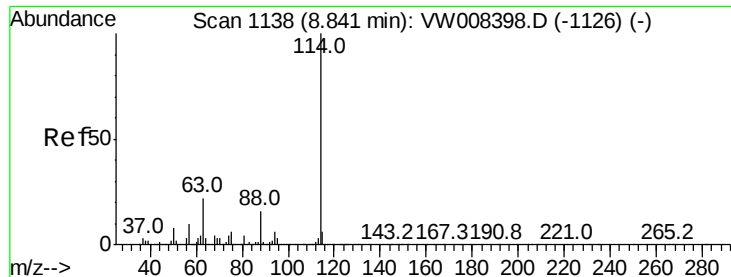
Tot Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
69 58.7 26.4 39.6#
84 82.1 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 59.731 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 65 Resp: 20517
Ion Ratio Lower Upper
65 100
67 46.7 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: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

SB-06(0-2)

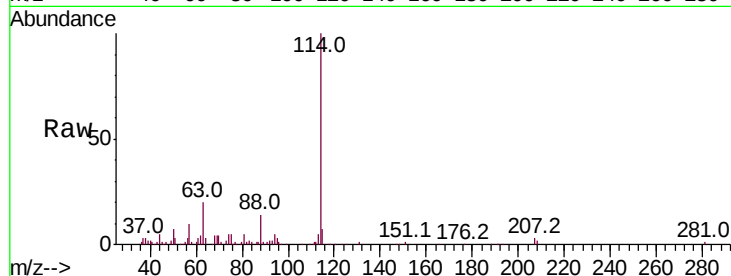
Tot Ion:114 Resp: 51071

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

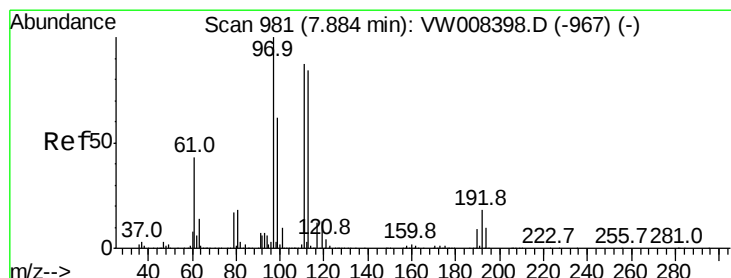
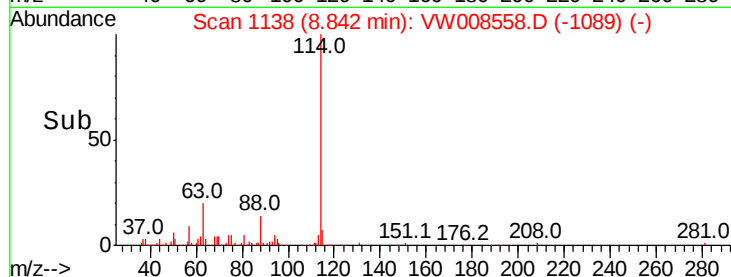
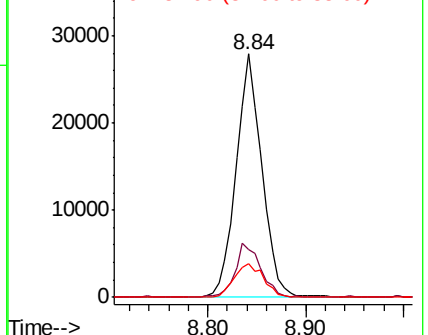
88 14.0 0.0 31.8



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: 53.936 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

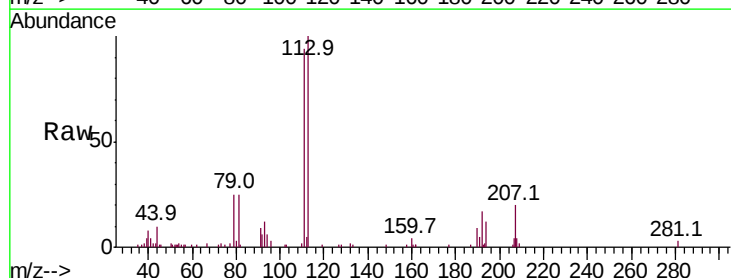
Tgt Ion:113 Resp: 16107

Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.4

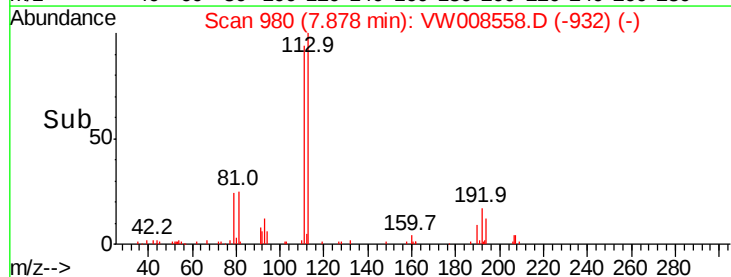
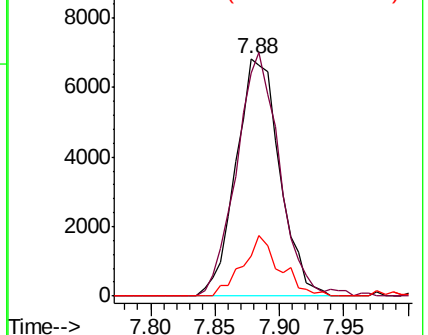
192 21.6 16.8 25.2

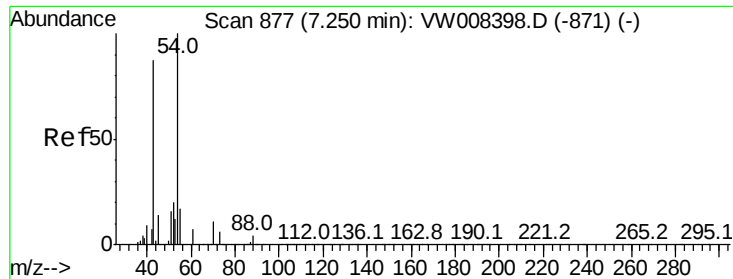


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 3.355 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

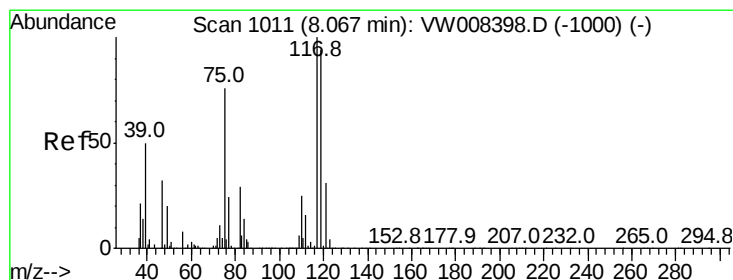
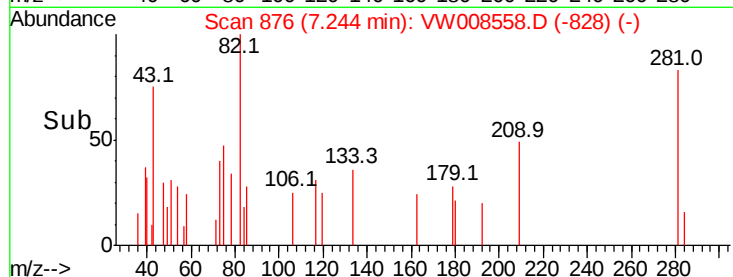
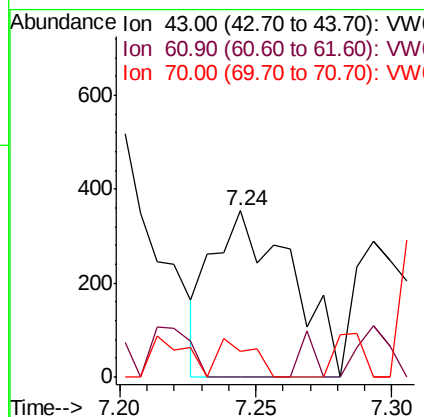
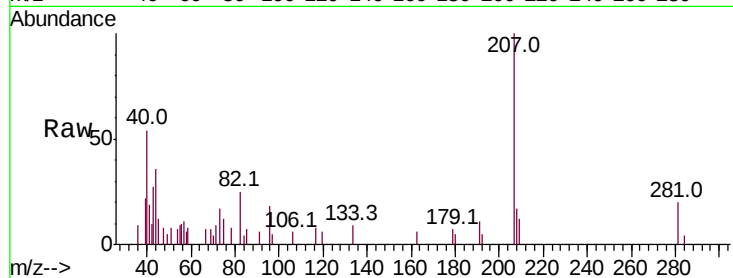
Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :
MSVOA_W
ClientSampleID :
SB-06(0-2)

Tot Ion: 43 Resp: 716

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	10.1	7.8	11.6



#38

Carbon Tetrachloride

Concen: 8.227 ug/l

RT: 7.95 min Scan# 991

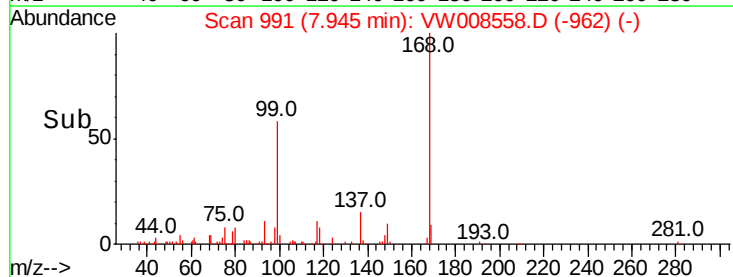
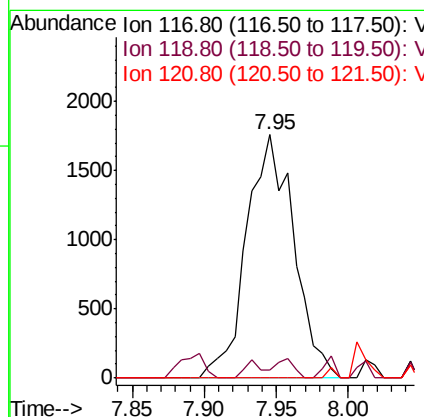
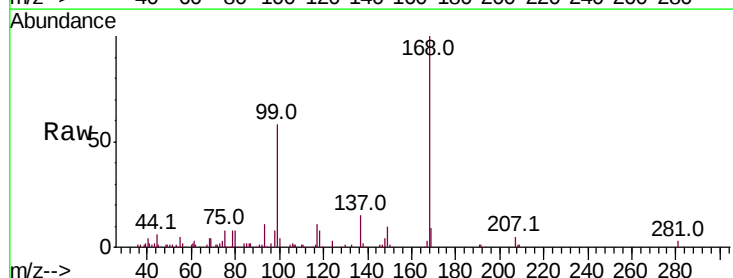
Delta R.T. -0.12 min

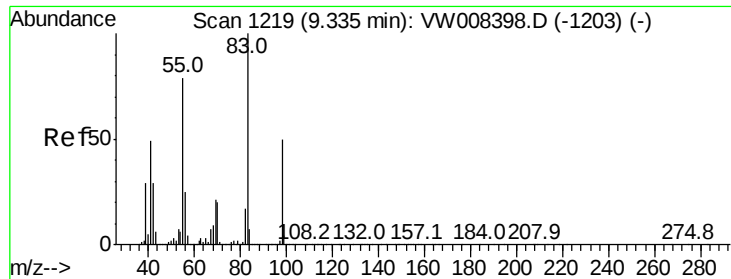
Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Tgt Ion: 117 Resp: 3994

Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.0	112.4#
121	0.0	24.9	37.3#





#39

Methylcyclohexane

Concen: 1.075 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

SB-06(0-2)

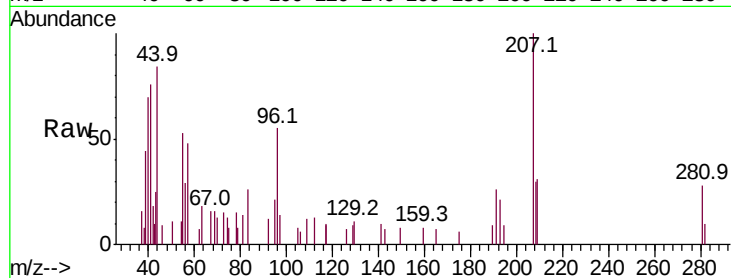
Tot Ion: 83 Resp: 681

Ion Ratio Lower Upper

83 100

55 46.6 63.3 94.9#

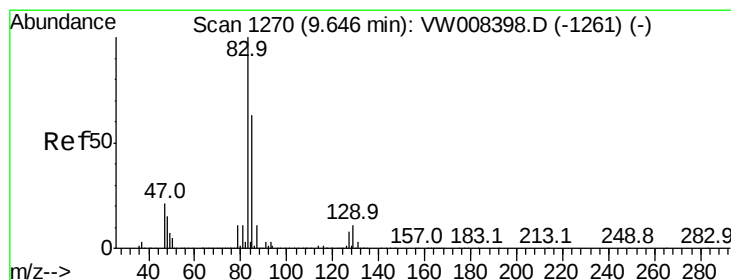
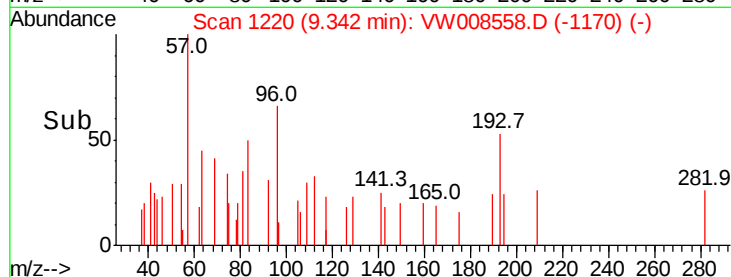
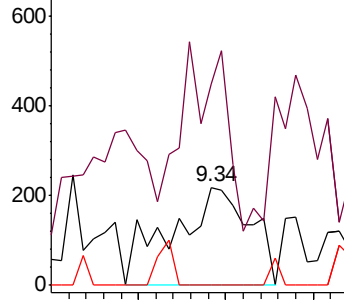
98 0.0 39.7 59.5#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#47

Bromodichloromethane

Concen: 1.423 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

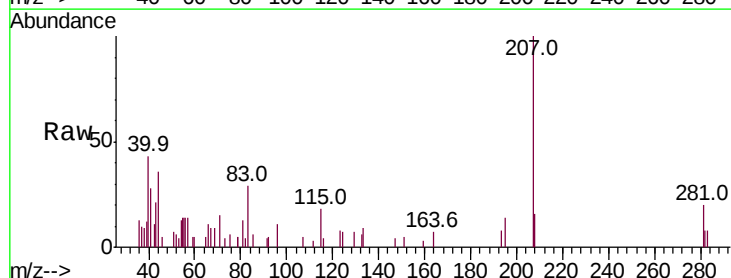
Tgt Ion: 83 Resp: 646

Ion Ratio Lower Upper

83 100

85 19.7 50.8 76.2#

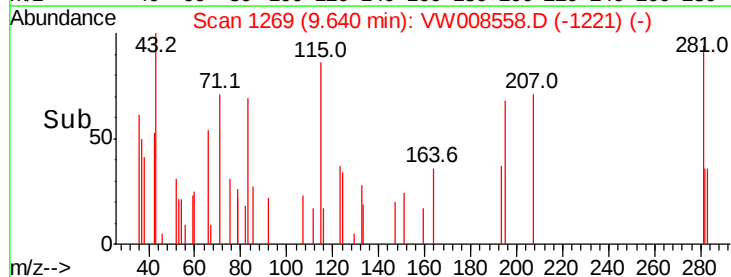
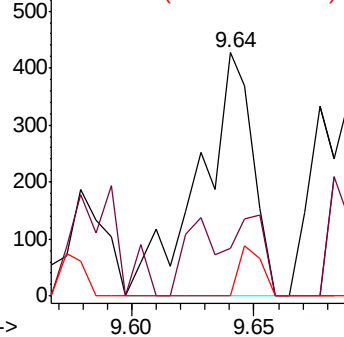
127 0.0 6.8 10.2#

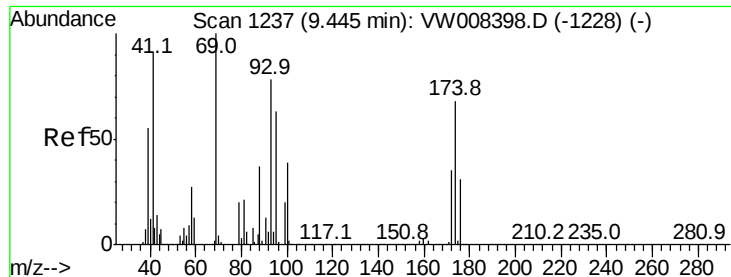


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

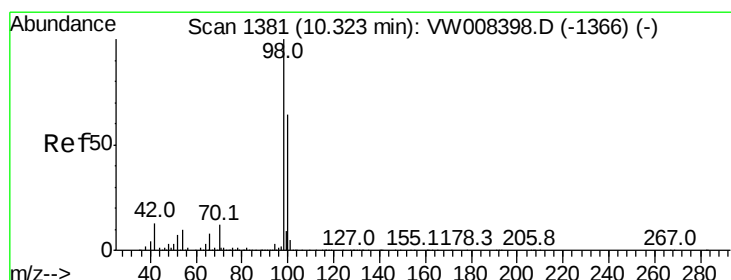
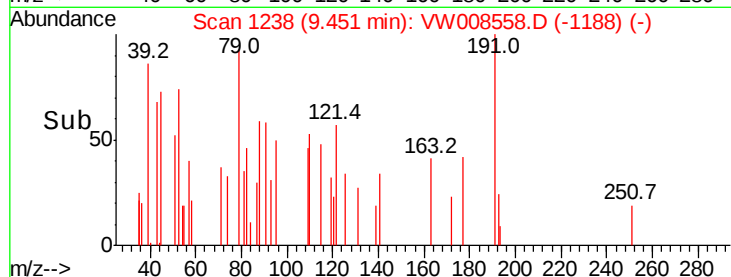
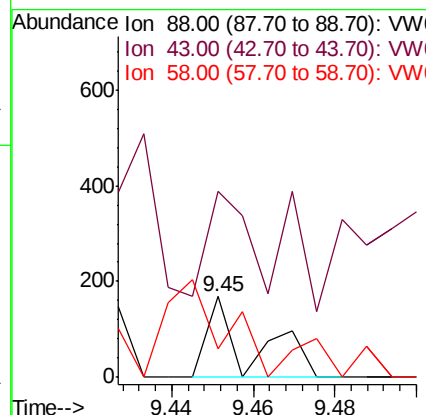
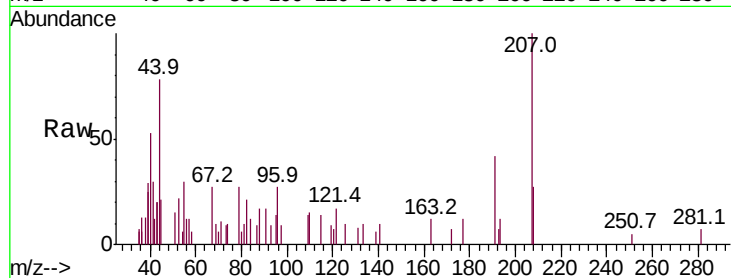




#49
1,4-Dioxane
Concen: 43.076 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

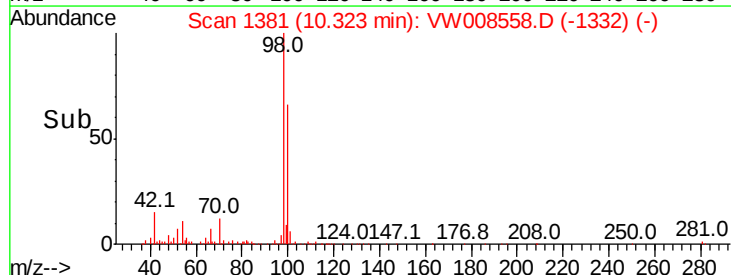
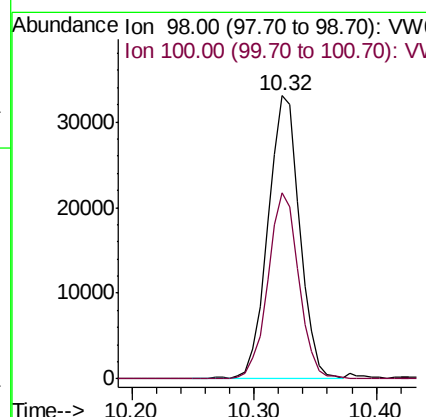
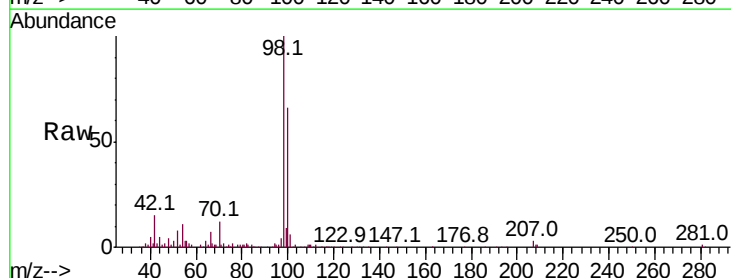
Instrument :
MSVOA_W
ClientSampleId :
SB-06(0-2)

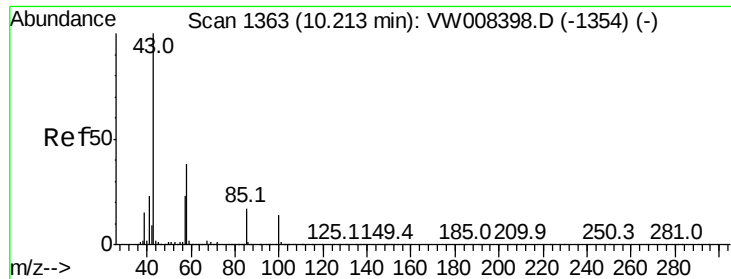
Tot Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 116.0 29.0 43.4#
58 180.0 56.4 84.6#



#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 98 Resp: 59665
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.246 ug/l

RT: 10.43 min Scan# 1398

Delta R.T. 0.21 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

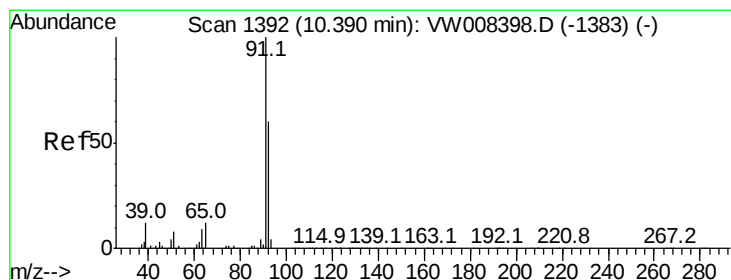
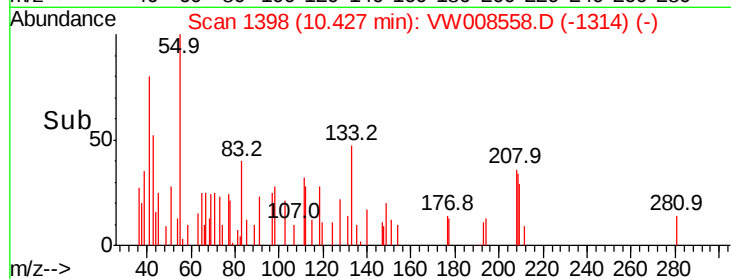
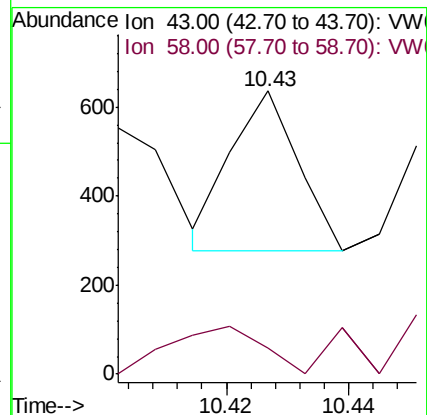
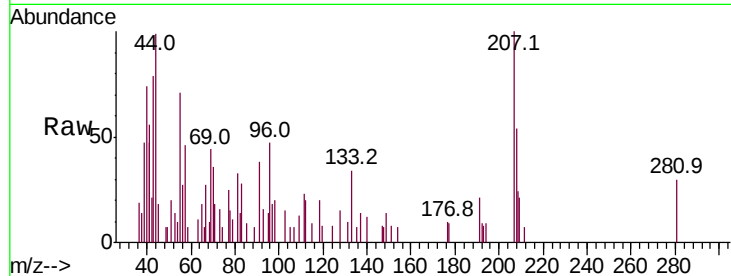
SB-06(0-2)

Tot Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

58 41.8 29.7 44.5



#52

Toluene

Concen: 1.004 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008558.D

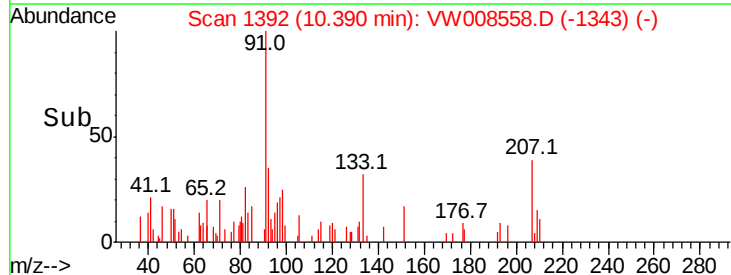
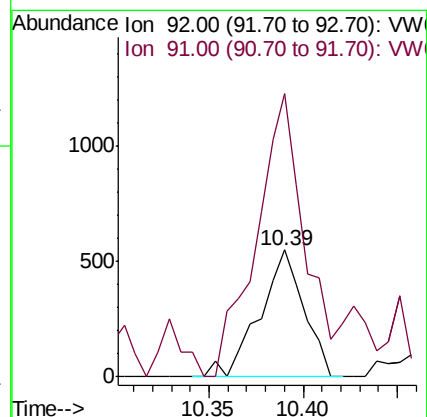
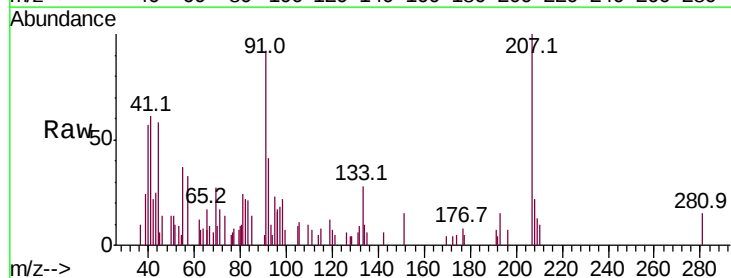
Acq: 07 Feb 2019 17:43

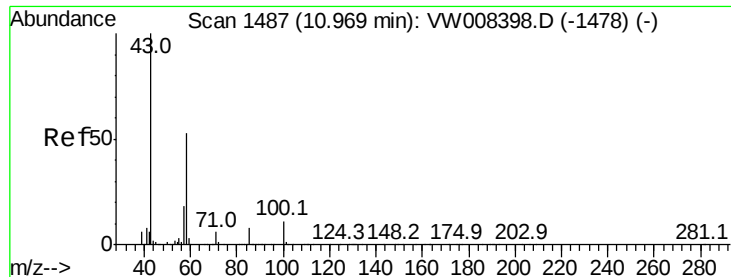
Tgt Ion: 92 Resp: 887

Ion Ratio Lower Upper

92 100

91 251.9 135.5 203.3#





#59

2-Hexanone

Concen: 1.093 ug/l

RT: 11.11 min Scan# 1510

Delta R.T. 0.14 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

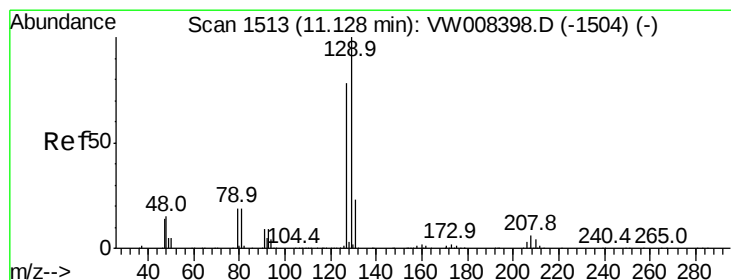
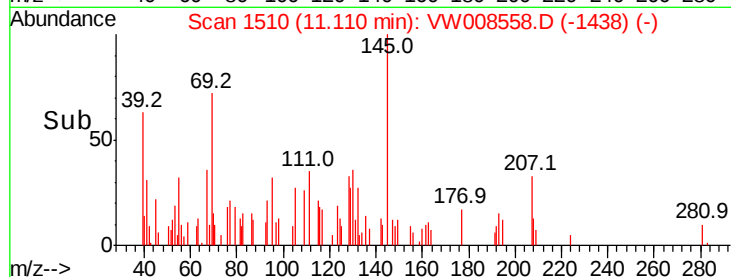
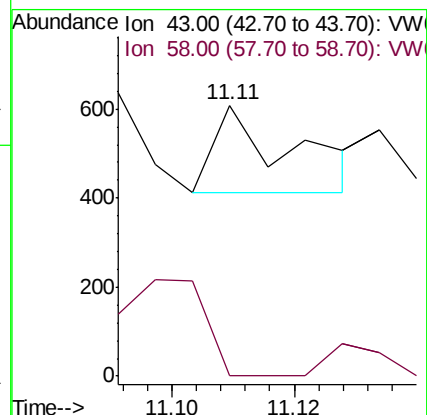
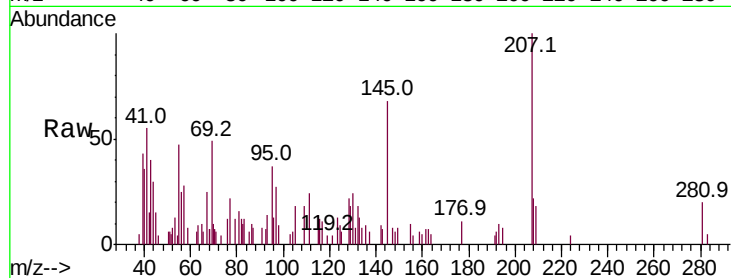
SB-06(0-2)

Tot Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

58 27.8 25.9 77.7



#60

Dibromochloromethane

Concen: 1.284 ug/l

RT: 11.07 min Scan# 1504

Delta R.T. -0.05 min

Lab File: VW008558.D

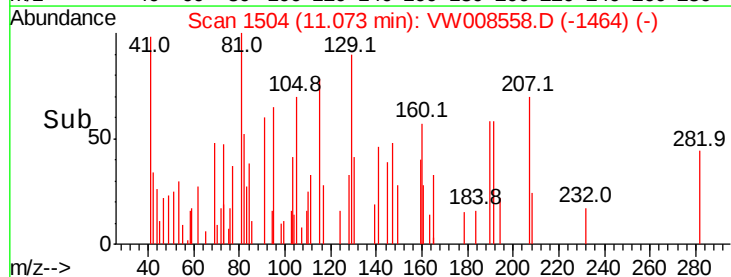
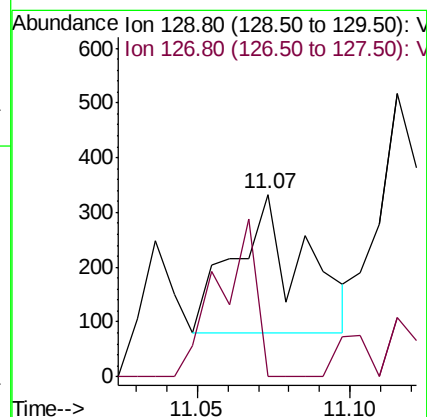
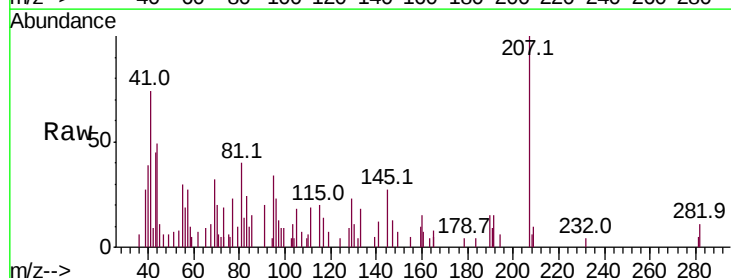
Acq: 07 Feb 2019 17:43

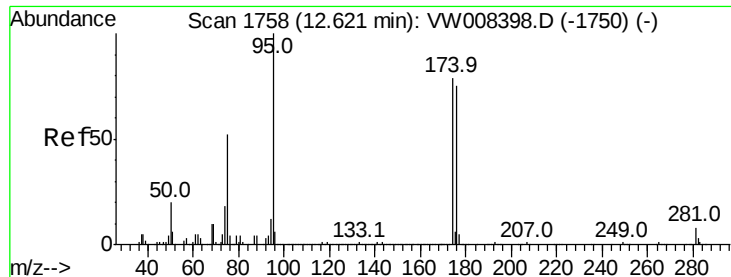
Tgt Ion: 129 Resp: 393

Ion Ratio Lower Upper

129 100

127 62.1 39.1 117.2

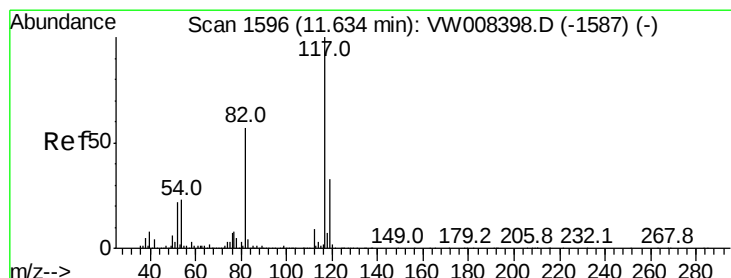
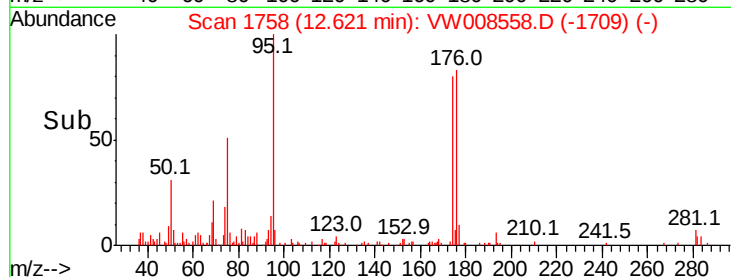
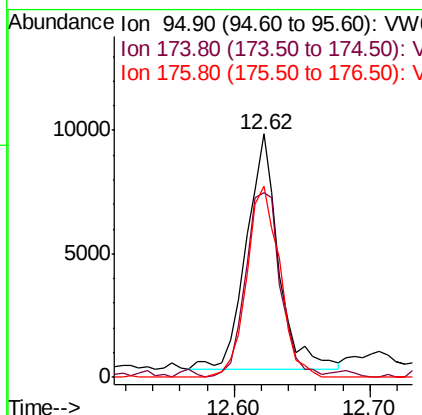
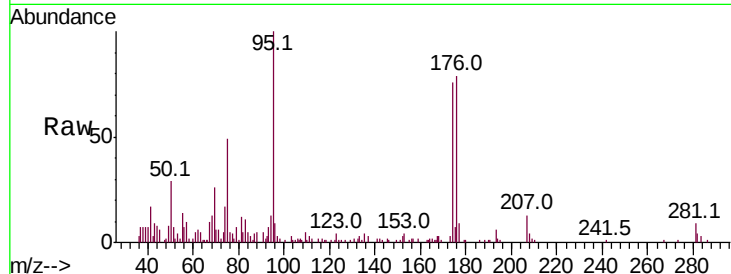




#62
4-Bromofluorobenzene
Concen: 34.216 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

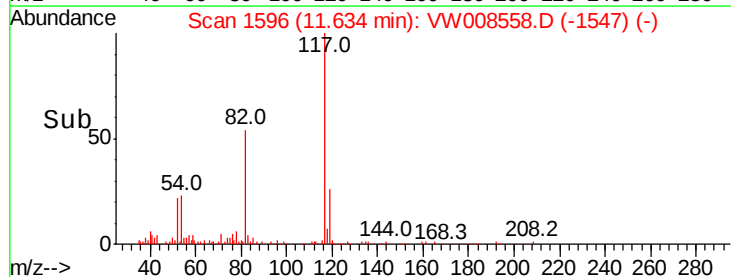
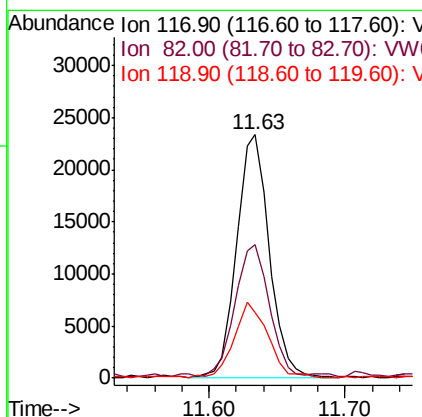
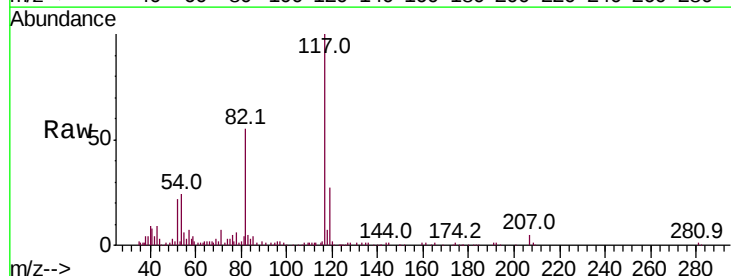
Instrument :
MSVOA_W
ClientSampleId :
SB-06(0-2)

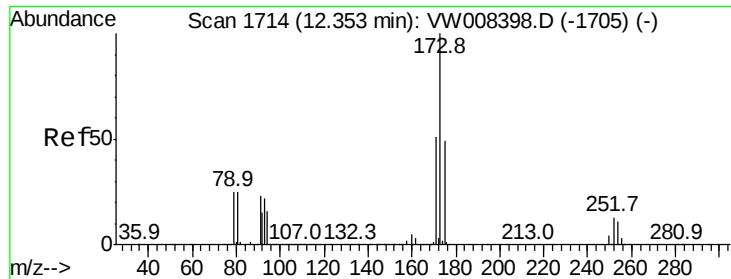
Tot Ion	95	Resp	15750
Ion Ratio	Lower	Upper	
95	100		
174	86.1	0.0	157.6
176	83.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion	117	Resp	38850
Ion Ratio	Lower	Upper	
117	100		
82	54.4	45.4	68.0
119	26.8	26.2	39.4





#71

Bromoform

Concen: 1.272 ug/l

RT: 12.33 min Scan# 1711

Delta R.T. -0.02 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

SB-06(0-2)

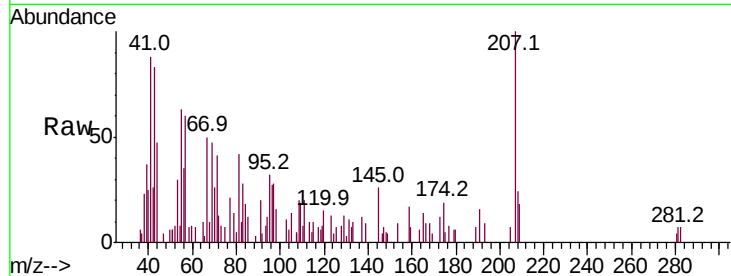
Tot Ion:173 Resp: 203

Ion Ratio Lower Upper

173 100

175 40.9 24.4 73.4

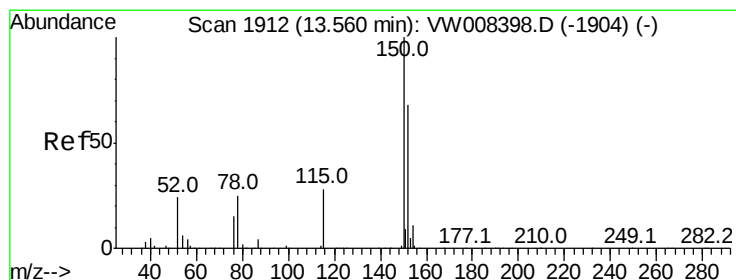
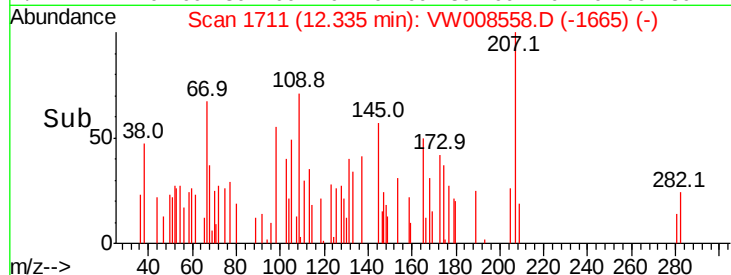
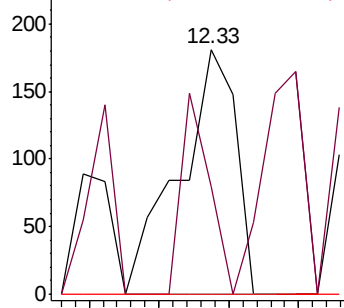
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW008558.D

Acq: 07 Feb 2019 17:43

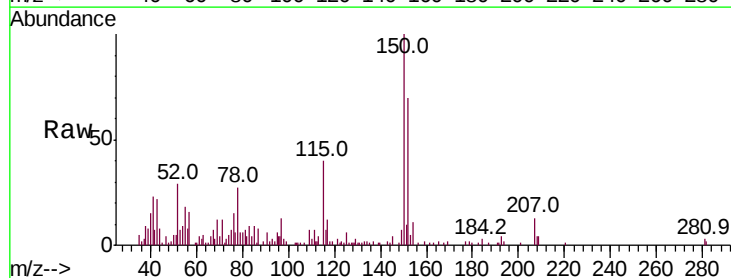
Tgt Ion:152 Resp: 10769

Ion Ratio Lower Upper

152 100

115 60.8 29.9 89.7

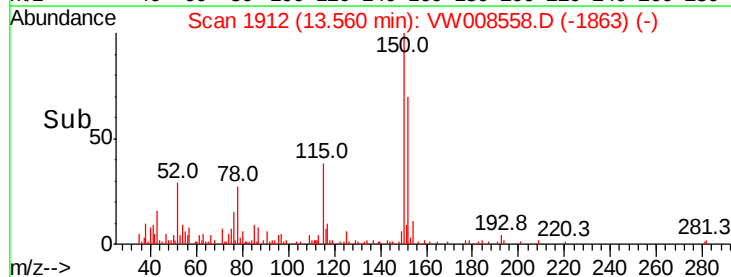
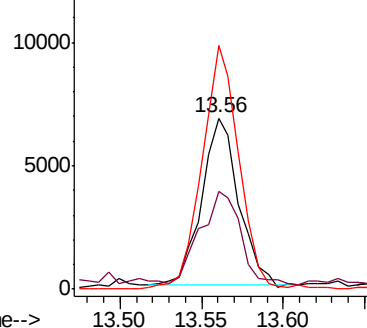
150 144.4 0.0 351.4

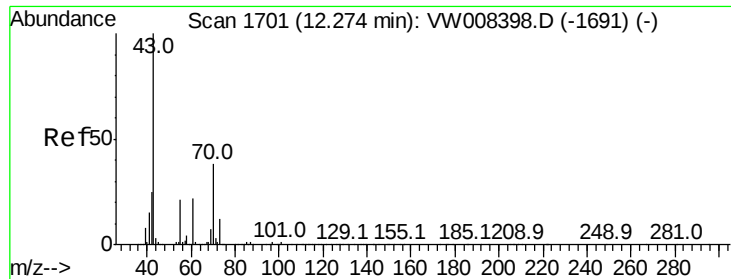


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

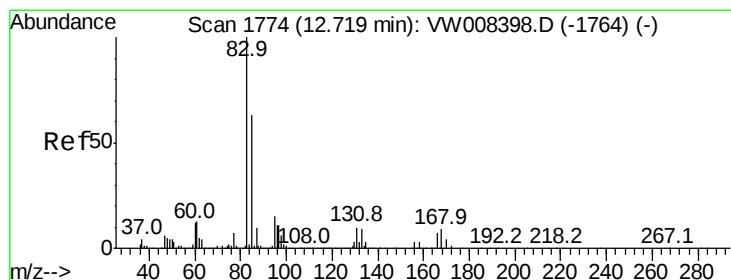
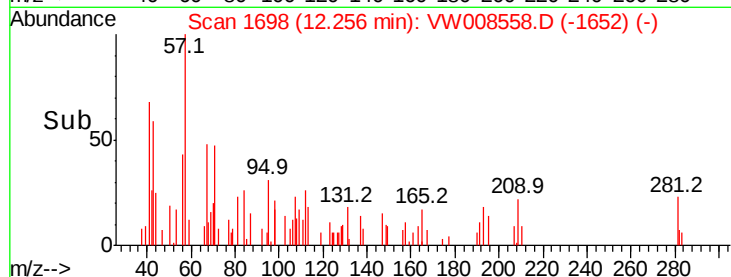
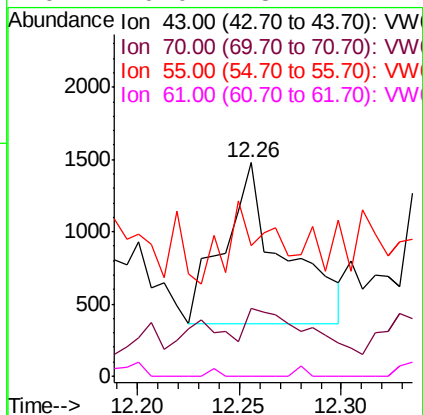
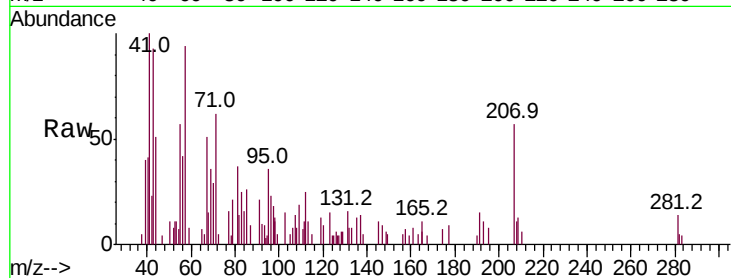




#74
N-amvl acetate
Concen: 10.937 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

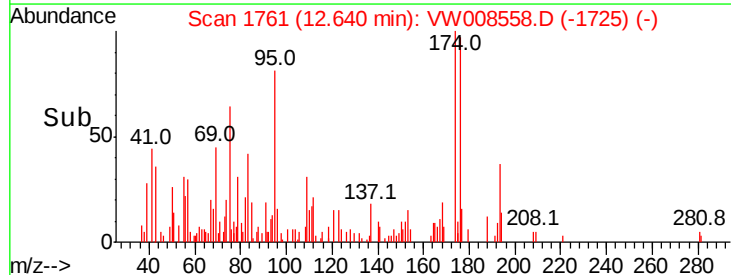
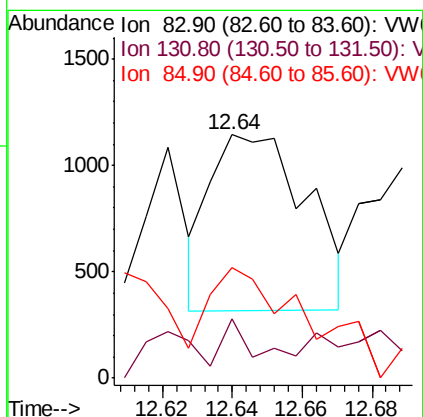
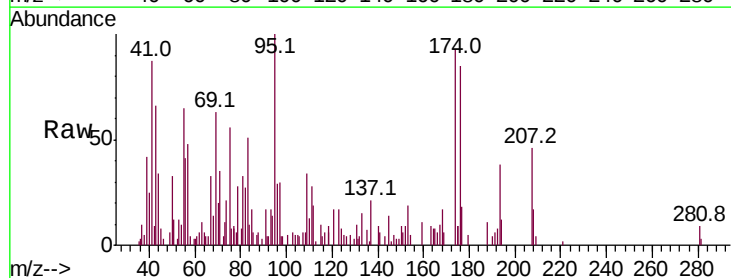
Instrument :
MSVOA_W
ClientSampled :
SB-06(0-2)

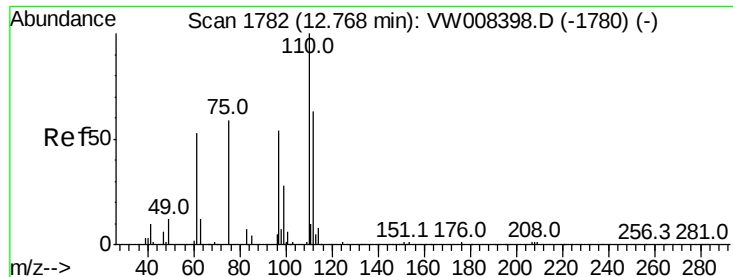
Tot Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
70 27.9 31.0 46.6#
55 38.9 17.4 26.2#
61 0.0 18.2 27.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 12.478 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. -0.08 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 83 Resp: 1586
Ion Ratio Lower Upper
83 100
131 14.4 5.5 16.4
85 63.9 31.9 95.5





#76

1,2,3-Trichloropropane

Concen: 3.322 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.13 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

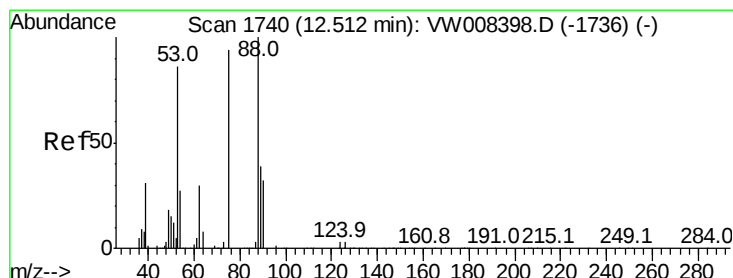
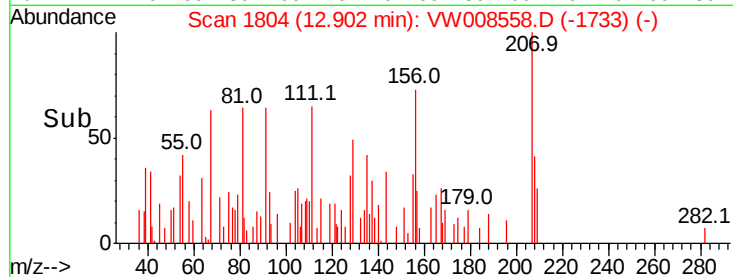
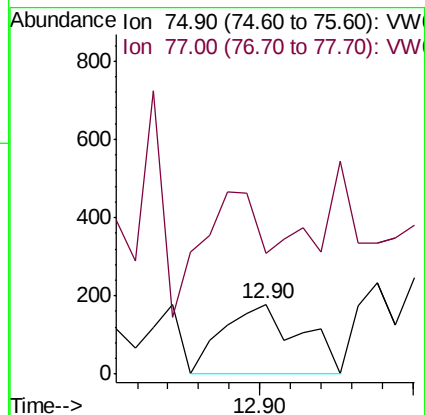
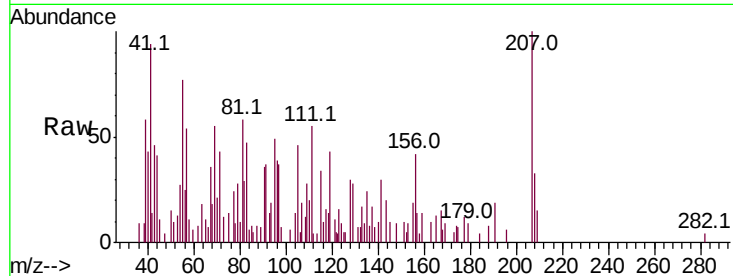
SB-06(0-2)

Tot Ion: 75 Resp: 311

Ion Ratio Lower Upper

75 100

77 53.1 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 196.034 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

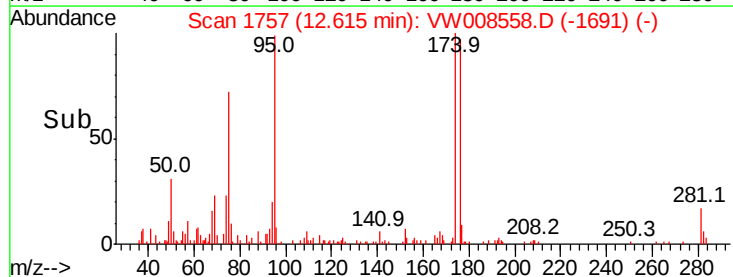
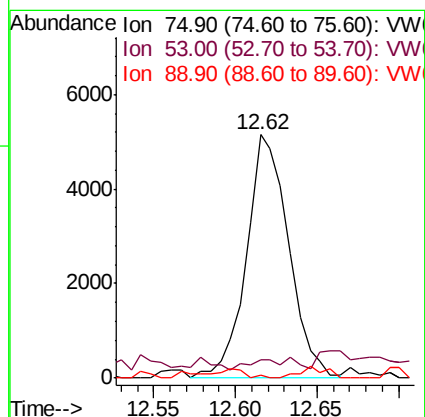
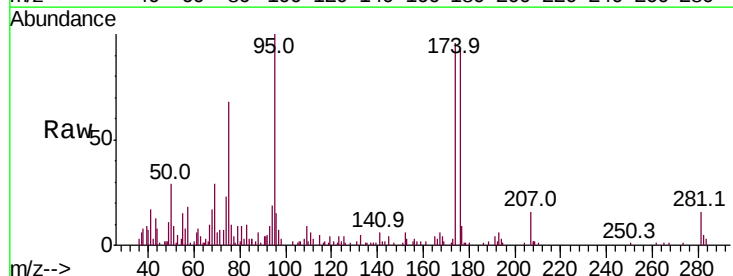
Tgt Ion: 75 Resp: 9293

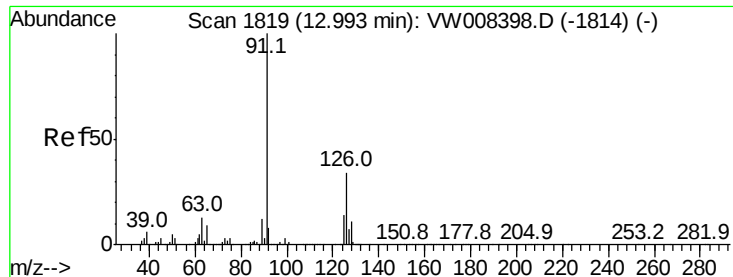
Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 2.6 35.4 53.0#

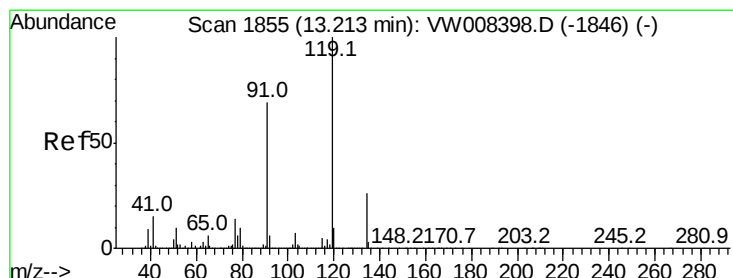
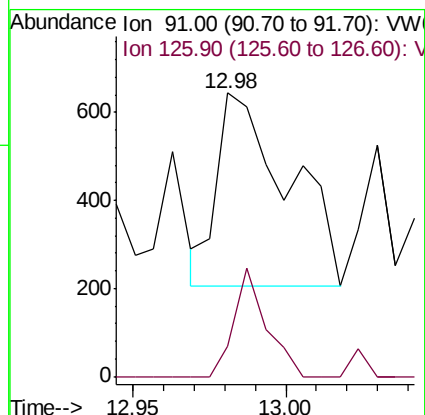
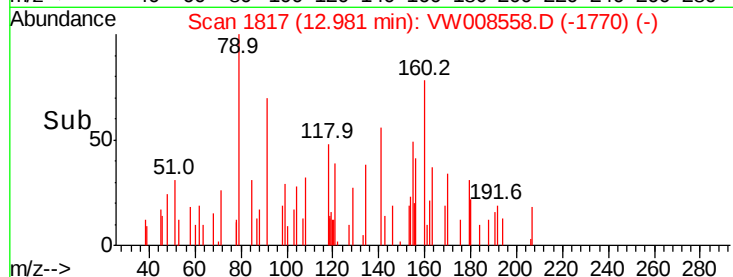
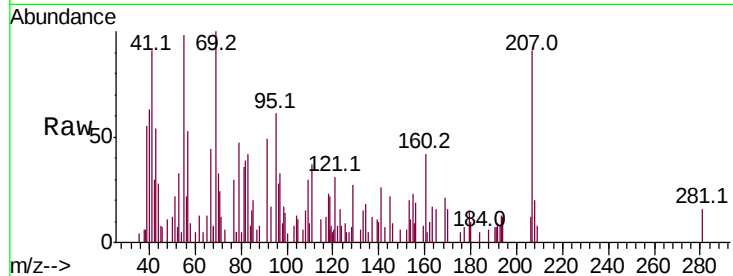




#82
4-Chlorotoluene
Concen: 1.213 ug/l
RT: 12.98 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

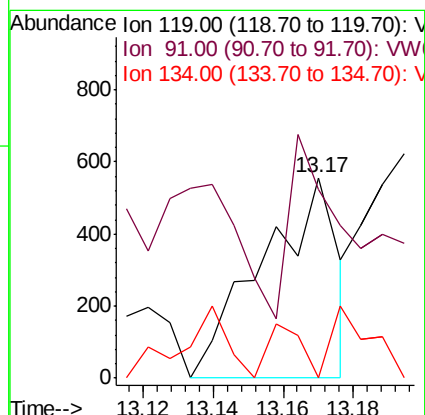
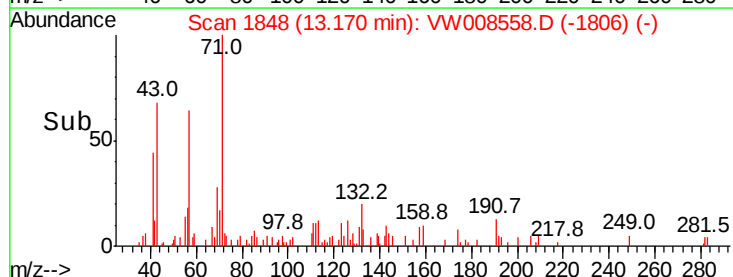
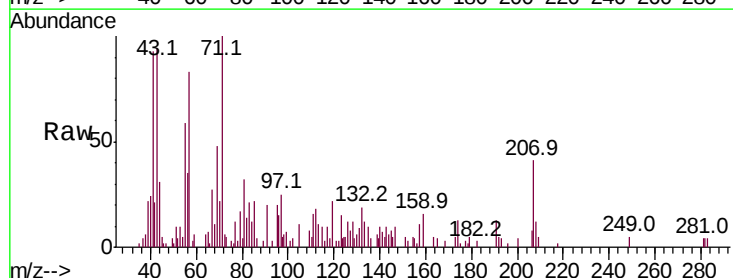
Instrument :
MSVOA_W
ClientSampleId :
SB-06(0-2)

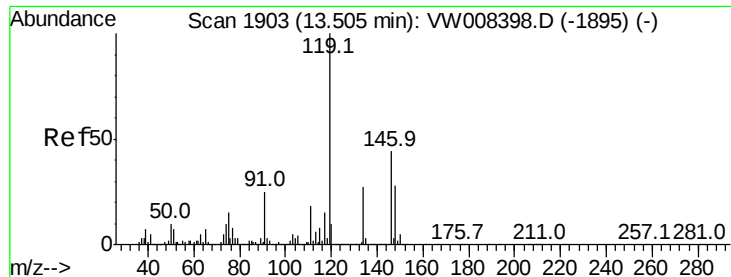
Tot Ion: 91 Resp: 703
Ion Ratio Lower Upper
91 100
126 25.3 16.4 49.2



#83
tert-Butylbenzene
Concen: 1.402 ug/l
RT: 13.17 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 119 Resp: 837
Ion Ratio Lower Upper
119 100
91 57.6 33.8 101.4
134 18.5 13.5 40.4





#86

p-Isopropyltoluene

Concen: 1.763 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

SB-06(0-2)

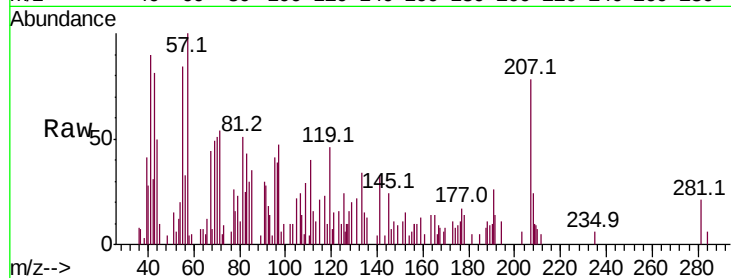
Tot Ion: 119 Resp: 1317

Ion Ratio Lower Upper

119 100

134 43.4 13.4 40.2#

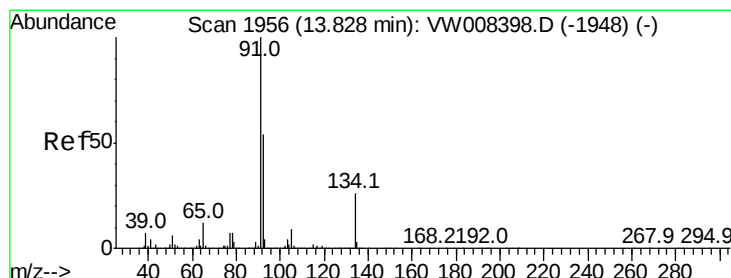
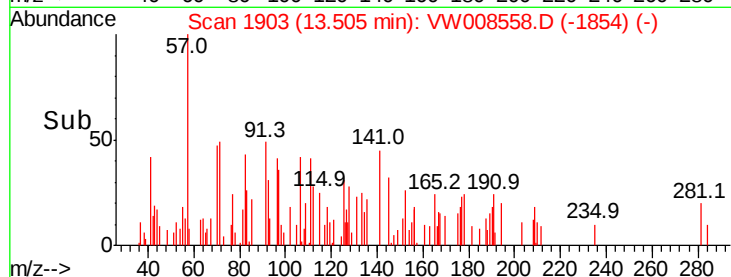
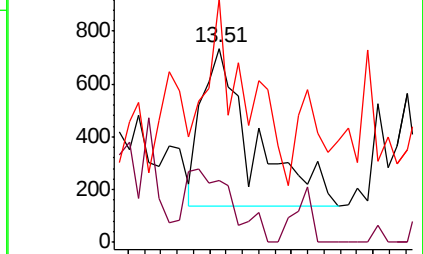
91 90.7 12.6 37.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 3.106 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

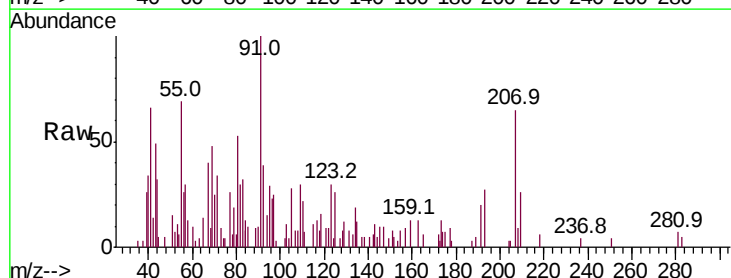
Tgt Ion: 91 Resp: 2278

Ion Ratio Lower Upper

91 100

92 68.5 27.4 82.2

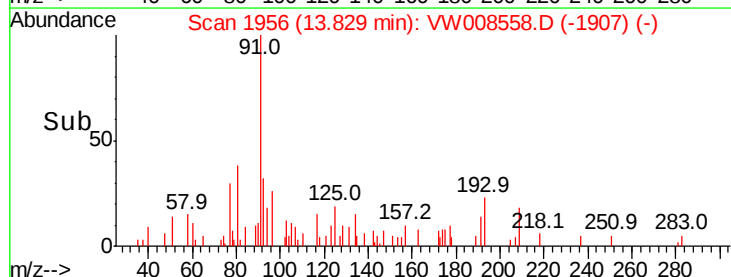
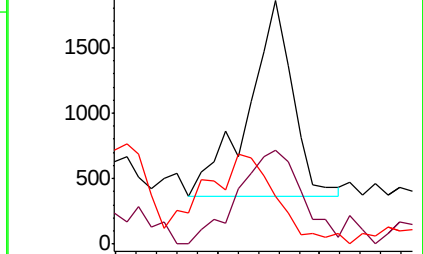
134 74.4 13.0 39.0#

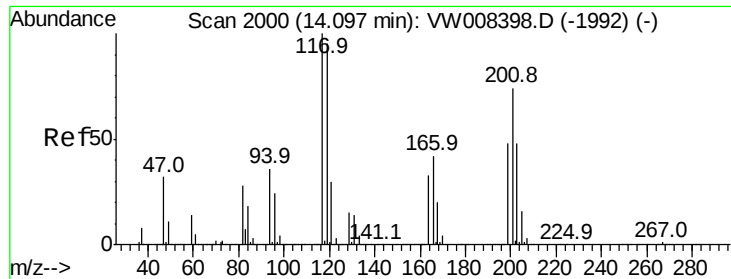


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

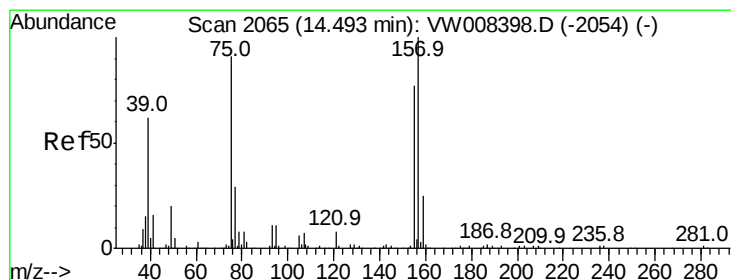
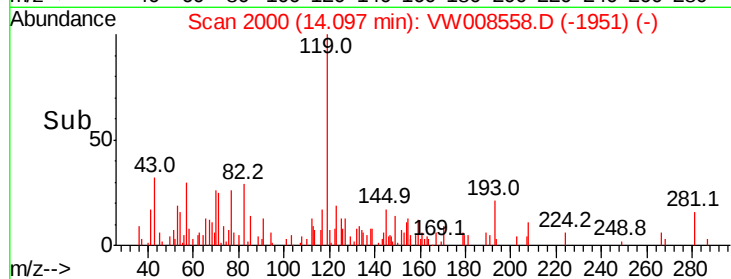
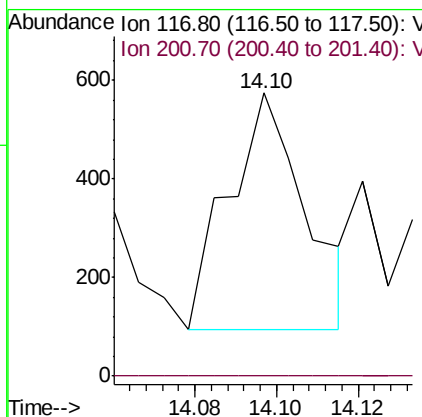
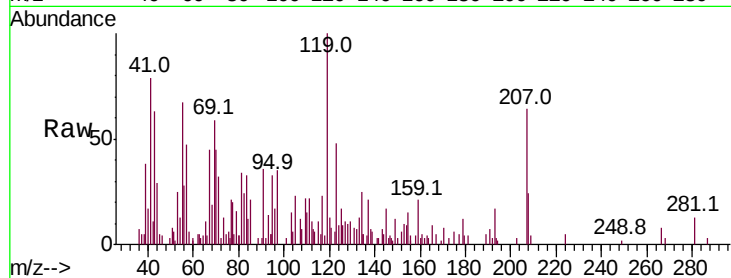




#90
Hexachloroethane
Concen: 4.312 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

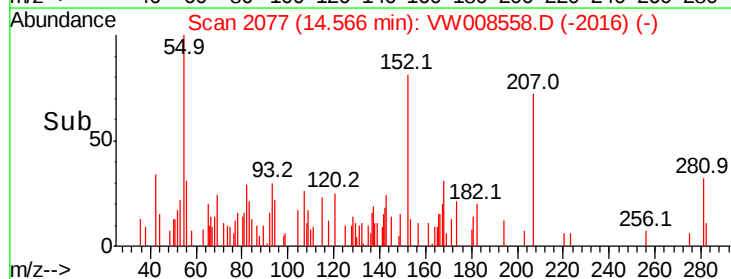
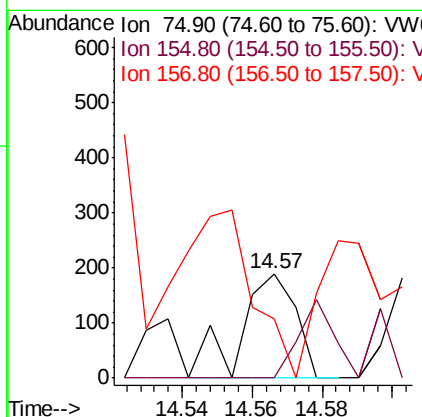
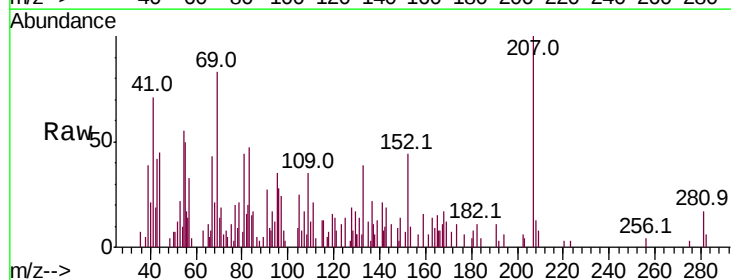
Instrument :
MSVOA_W
ClientSampleId :
SB-06(0-2)

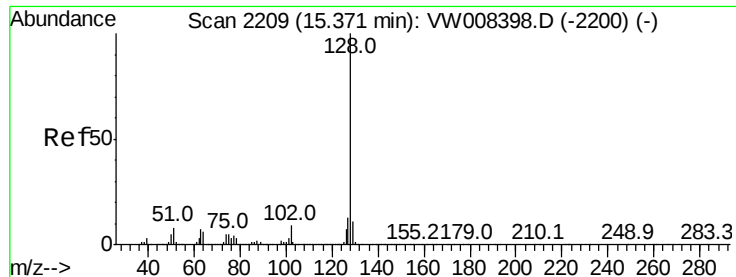
Tot Ion:117 Resp: 630
Ion Ratio Lower Upper
117 100
201 0.0 39.1 117.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.583 ug/l
RT: 14.57 min Scan# 2077
Delta R.T. 0.07 min
Lab File: VW008558.D
Acq: 07 Feb 2019 17:43

Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
155 47.8 42.7 128.1
157 139.6 55.5 166.3





#95

Naphthalene

Concen: 1.121 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW008558.D

Acq: 07 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

SB-06(0-2)

Tot Ion:128 Resp: 440

Ion Ratio Lower Upper

128 100

127 86.6 10.6 15.8#

129 118.6 8.7 13.1#

