

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008566.D
 Acq On : 07 Feb 2019 21:17
 Operator : SY/VA
 Sample : K1409-03
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09(0-2)

Quant Time: Feb 08 22:44:45 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	840101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1396195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1197674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	445928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	488387	59.18	ug/l	0.00
Spiked Amount			Recovery	=	118.36%	
35) Dibromofluoromethane	7.88	113	439252	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
50) Toluene-d8	10.32	98	1667068	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.62	95	571756	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	465	3.342	ug/l	89
7) Trichlorofluoromethane	3.25	101	360	4.768	ug/l #	57
11) Tert butyl alcohol	5.20	59	874	1.315	ug/l #	70
13) Acrolein	3.85	56	146825	250.436	ug/l #	1
14) Allyl chloride	4.78	41	14758	1.011	ug/l #	23
16) Acetone	4.13	43	150673	81.296	ug/l	98
18) Methyl Acetate	4.75	43	8803	1.781	ug/l #	58
20) Methylene Chloride	4.91	84	27901	3.266	ug/l #	93
23) Vinyl Acetate	6.29	43	135027	8.263	ug/l #	78
24) 1,1-Dichloroethane	6.29	63	37172	2.373	ug/l #	83
25) 2-Butanone	7.18	43	32992	12.816	ug/l	99
29) Tetrahydrofuran	7.52	42	4037	2.475	ug/l #	75
30) Chloroform	7.63	83	55937	3.630	ug/l #	20
31) Cyclohexane	7.93	56	96211	5.940	ug/l #	81
36) 1,1-Dichloropropene	7.94	75	63933	4.848	ug/l #	50
37) Ethyl Acetate	7.18	43	32992	5.654	ug/l #	70
38) Carbon Tetrachloride	7.95	117	81730	6.158	ug/l #	16
39) Methylcyclohexane	9.33	83	124140	7.165	ug/l	96
41) Methacrylonitrile	7.54	41	17451	5.051	ug/l #	25
43) Isopropyl Acetate	8.41	43	30715	2.534	ug/l #	57
47) Bromodichloromethane	9.63	83	20218	1.629	ug/l #	25
48) Methyl methacrylate	9.38	41	11855	2.000	ug/l #	39
51) 4-Methyl-2-Pentanone	10.32	43	21181	3.537	ug/l #	41
52) Toluene	10.39	92	134135	5.552	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	28427	4.367	ug/l #	19
56) Ethyl methacrylate	10.70	69	15075	1.653	ug/l #	1
59) 2-Hexanone	11.10	43	4590	1.086	ug/l	96
67) Ethyl Benzene	11.73	91	728327	16.206	ug/l	98
68) m/p-Xylenes	11.84	106	730676	41.904	ug/l	99
69) o-Xylene	12.16	106	158798	9.585	ug/l	99
73) Isopropylbenzene	12.46	105	89772	2.700	ug/l	99
74) N-amyl acetate	12.25	43	17230	2.012	ug/l #	53
76) 1,2,3-Trichloropropane	12.87	75	10745	2.771	ug/l #	1
77) Bromobenzene	12.89	156	11551	1.591	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

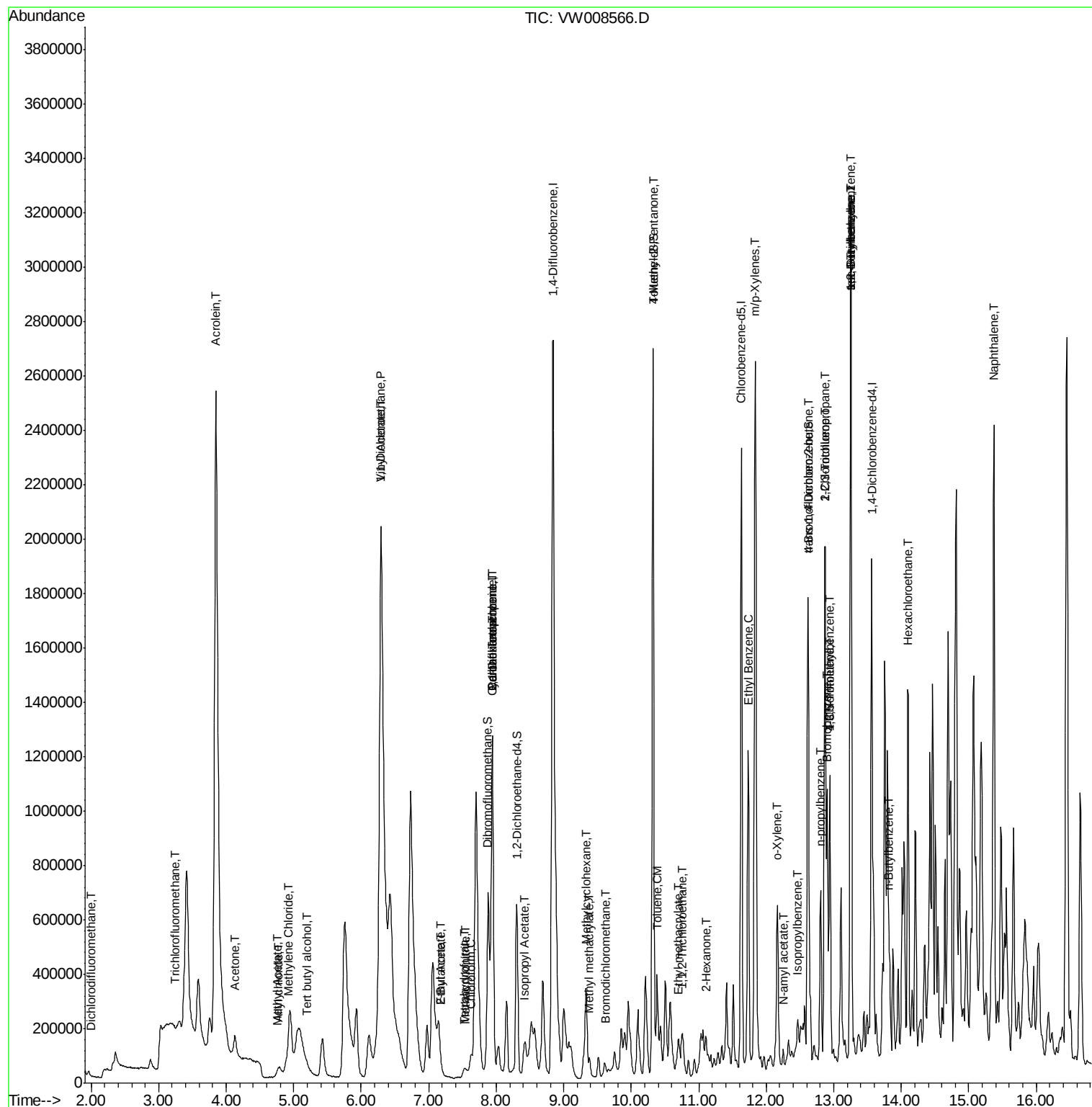
78) n-propylbenzene	12.80	91	449887	11.267	ug/l	97
79) 2-Chlorotoluene	12.87	91	151527	6.725	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	445831	16.045	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	282955	144.146	ug/l #	12
82) 4-Chlorotoluene	12.94	91	47333	1.973	ug/l #	43
83) tert-Butylbenzene	13.26	119	214201	8.663	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.26	105	1761066	62.353	ug/l	100
85) sec-Butylbenzene	13.26	105	1761066	49.869	ug/l #	56
89) n-Butylbenzene	13.82	91	185568	6.110	ug/l #	81
90) Hexachloroethane	14.10	117	67019	11.079	ug/l #	10
95) Naphthalene	15.37	128	1771754	108.988	ug/l	100

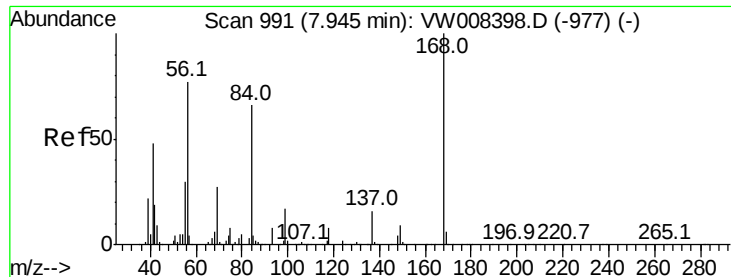
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

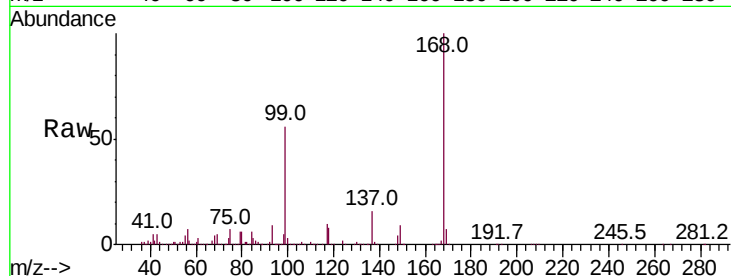
SB-09(0-2)

Tot Ion:168 Resp: 840101

Ion Ratio Lower Upper

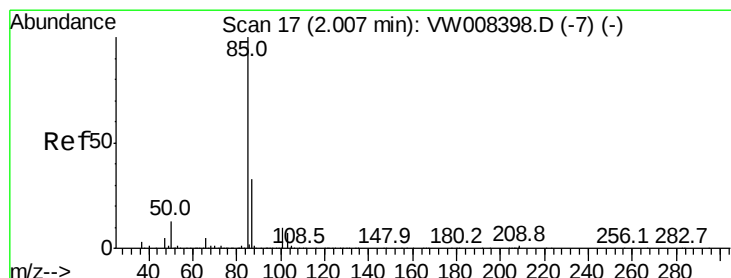
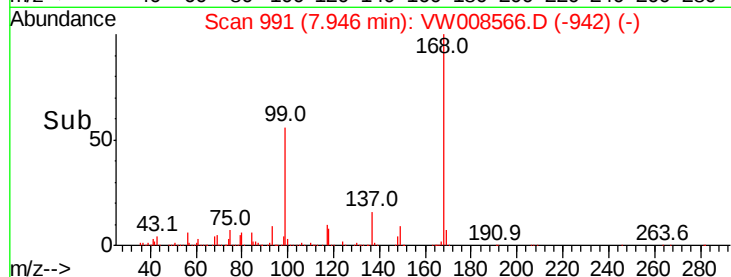
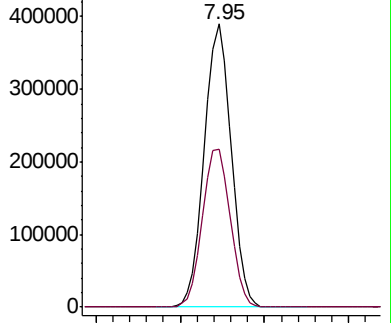
168 100

99 56.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.342 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008566.D

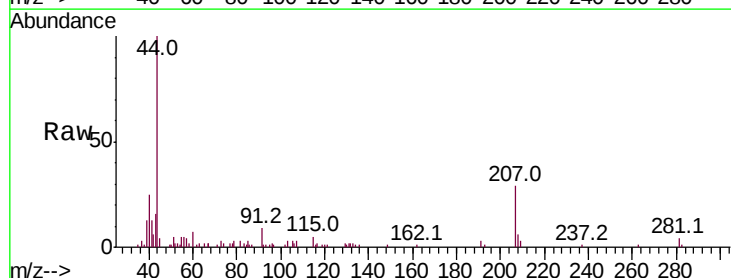
Acq: 07 Feb 2019 21:17

Tgt Ion: 85 Resp: 465

Ion Ratio Lower Upper

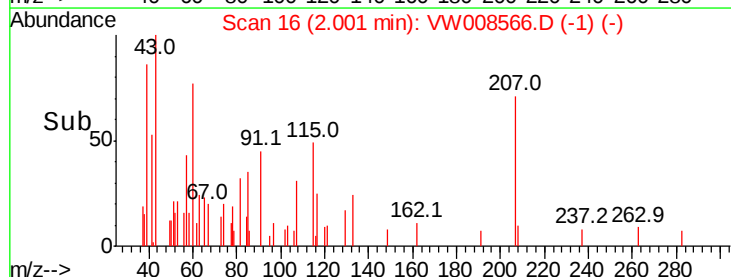
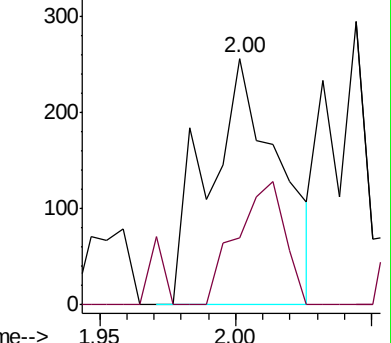
85 100

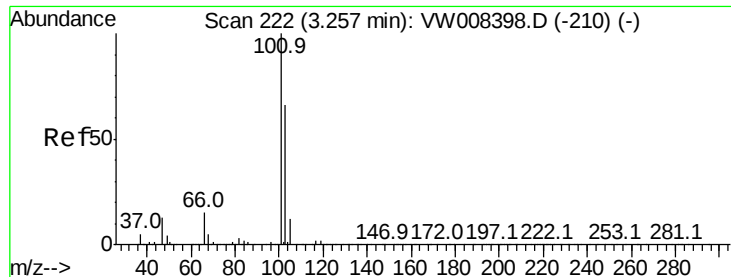
87 27.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



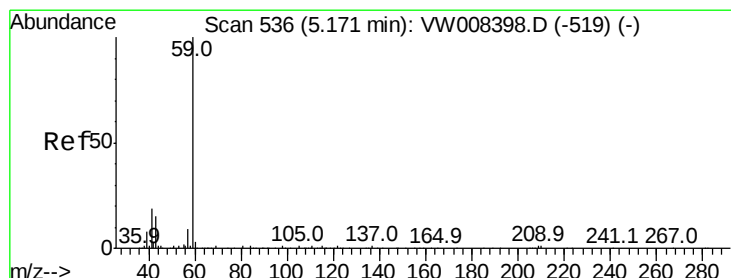
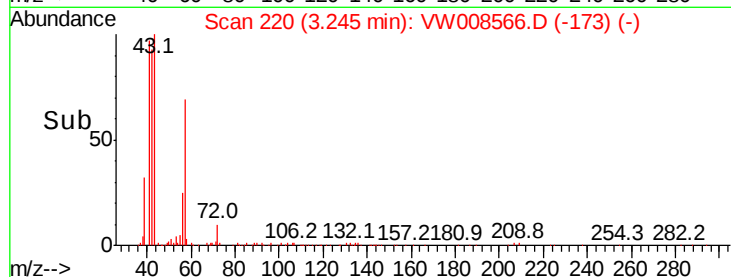
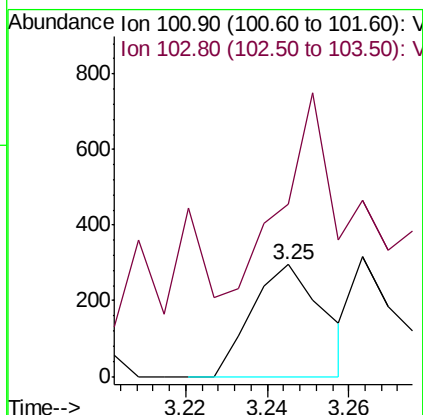
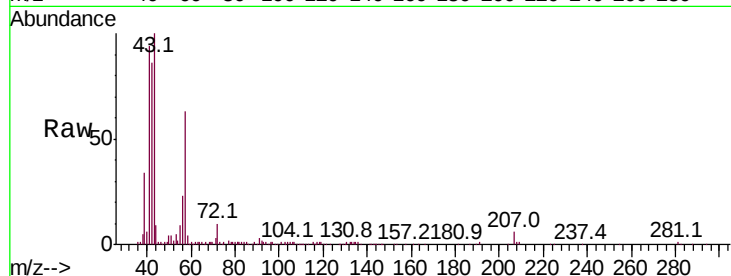


#7

Trichlorofluoromethane
Concen: 4.768 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Instrument :
MSVOA_W
ClientSampled :
SB-09(0-2)

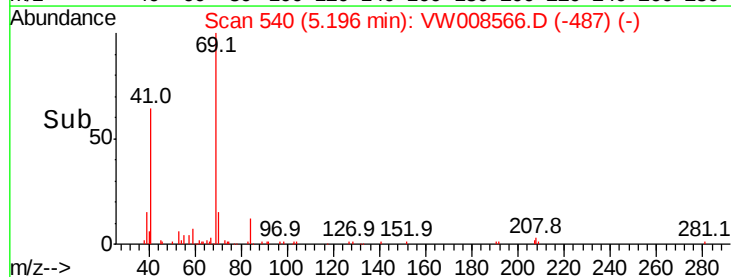
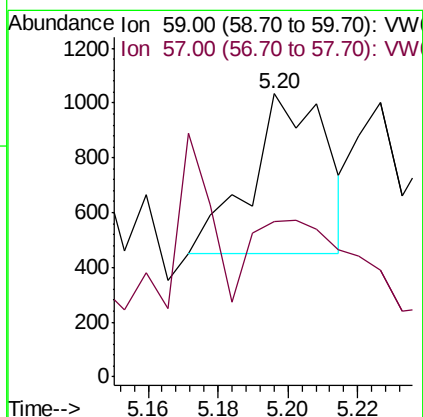
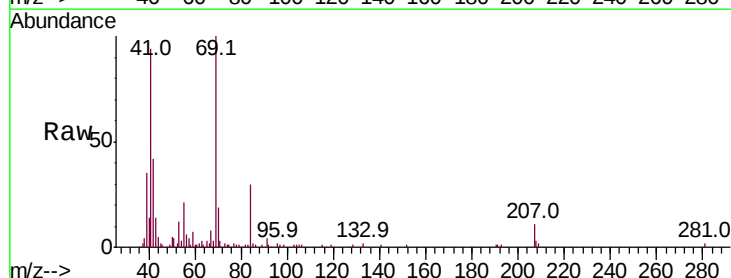
Tot Ion:101 Resp: 360
Ion Ratio Lower Upper
101 100
103 31.9 52.5 78.7#

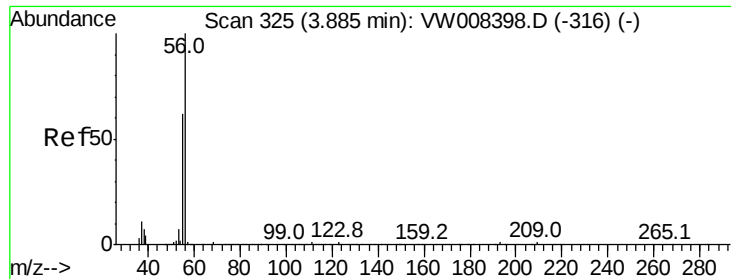


#11

Tert butyl alcohol
Concen: 1.315 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 59 Resp: 874
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#





#13

Acrolein

Concen: 250.436 ug/l

RT: 3.85 min Scan# 319

Delta R.T. -0.04 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

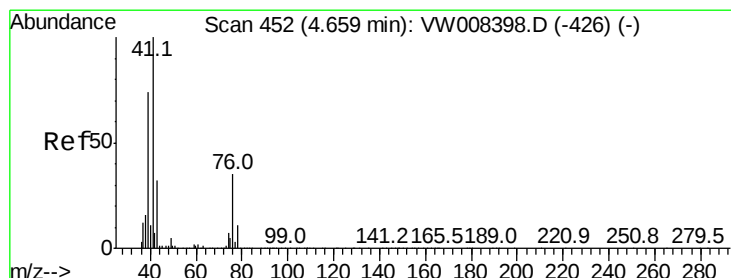
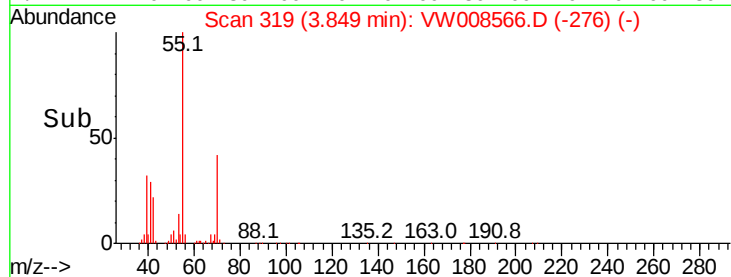
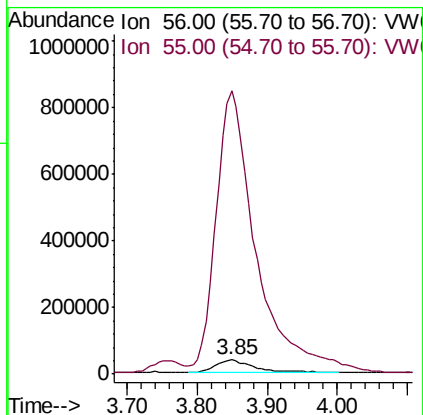
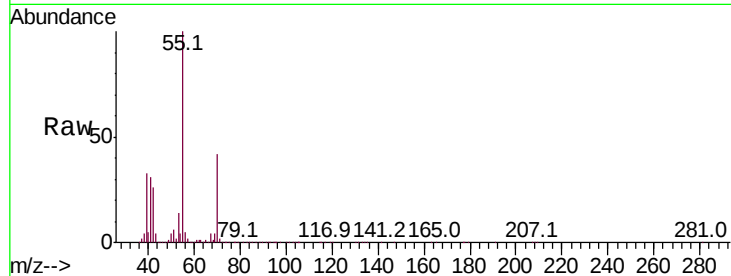
SB-09(0-2)

Tot Ion: 56 Resp: 146825

Ion Ratio Lower Upper

56 100

55 2323.7 56.7 85.1#



#14

Allyl chloride

Concen: 1.011 ug/l

RT: 4.78 min Scan# 471

Delta R.T. 0.12 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

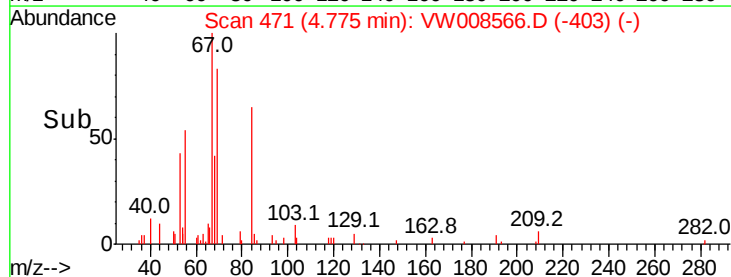
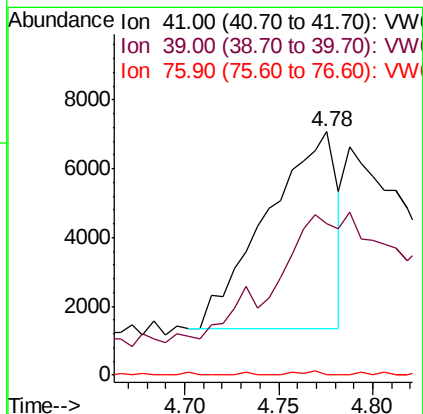
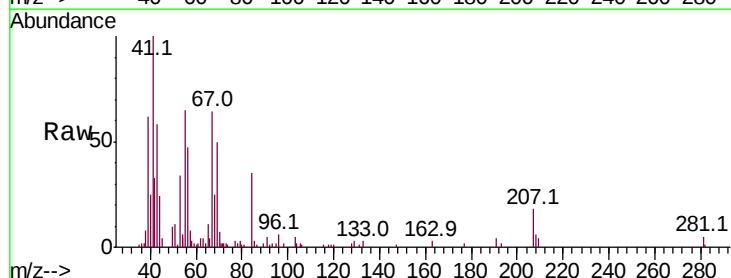
Tgt Ion: 41 Resp: 14758

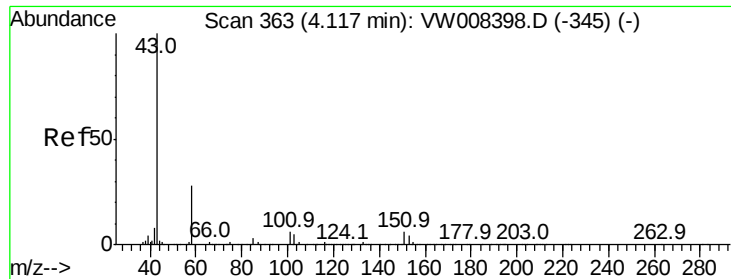
Ion Ratio Lower Upper

41 100

39 0.0 57.7 86.5#

76 0.7 26.9 40.3#

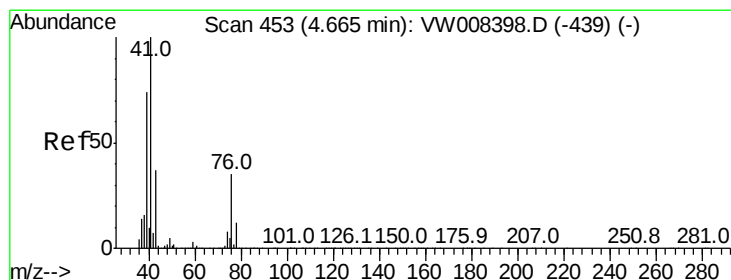
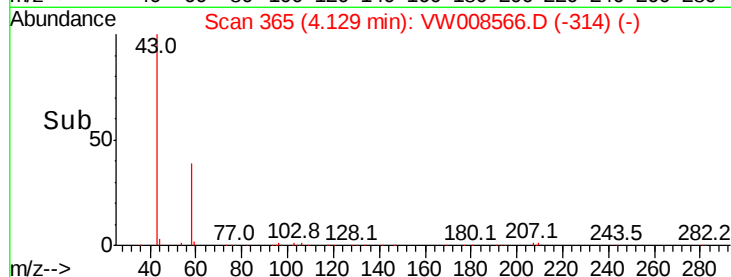
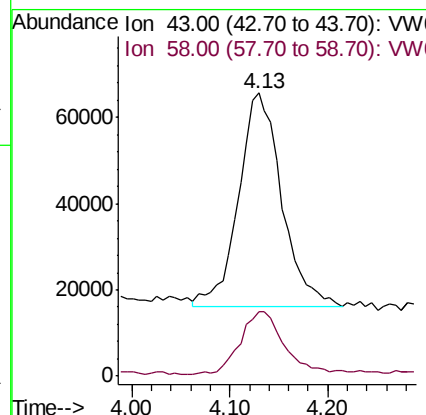
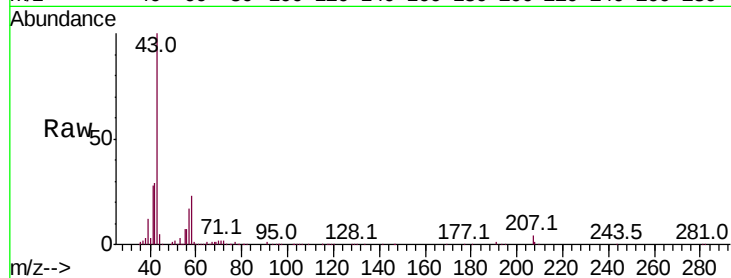




#16
Acetone
Concen: 81.296 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

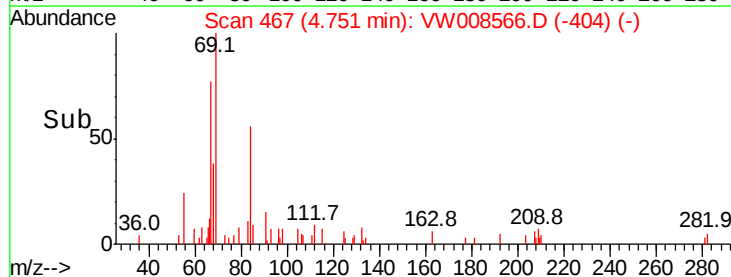
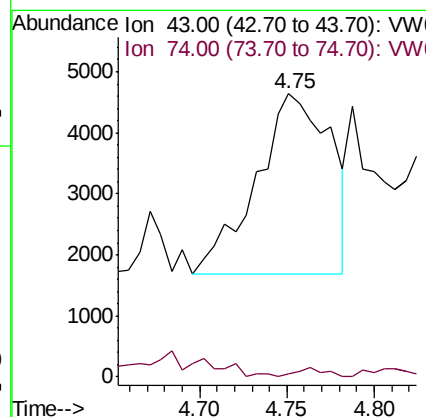
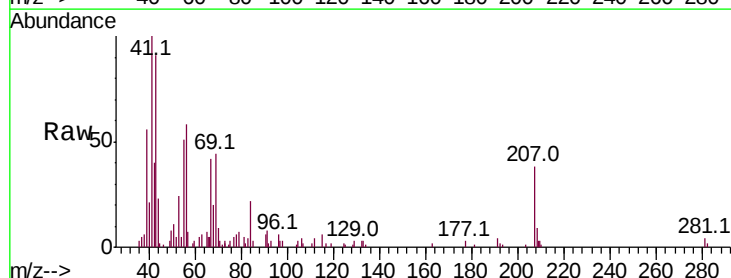
Instrument :
MSVOA_W
ClientSampleId :
SB-09(0-2)

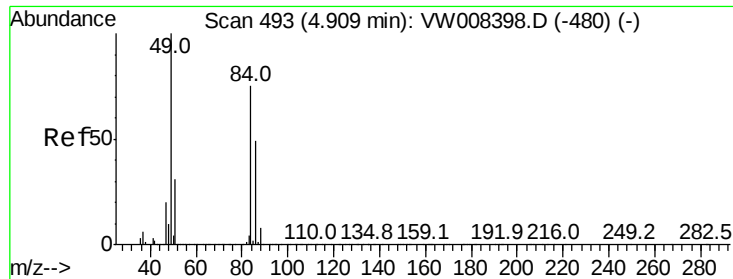
Tot Ion: 43 Resp: 150673
Ion Ratio Lower Upper
43 100
58 29.3 22.6 34.0



#18
Methyl Acetate
Concen: 1.781 ug/l
RT: 4.75 min Scan# 467
Delta R.T. 0.09 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 43 Resp: 8803
Ion Ratio Lower Upper
43 100
74 1.9 17.5 26.3#

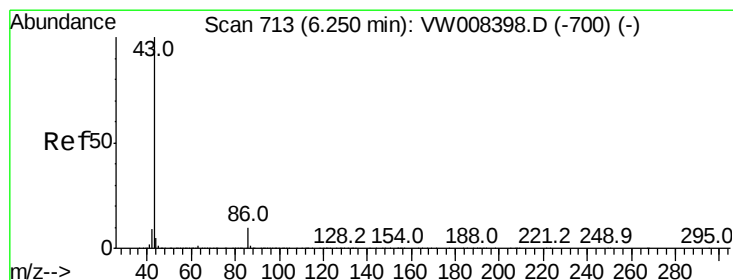
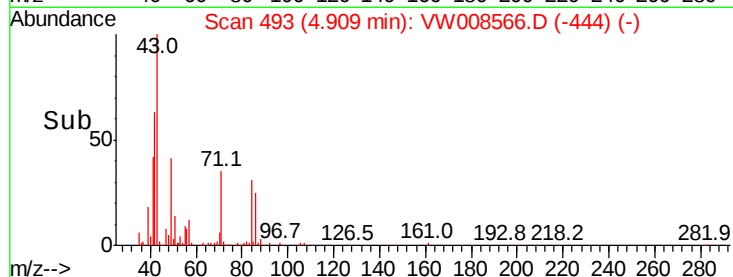
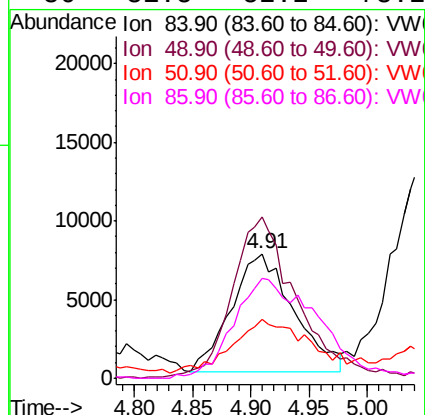
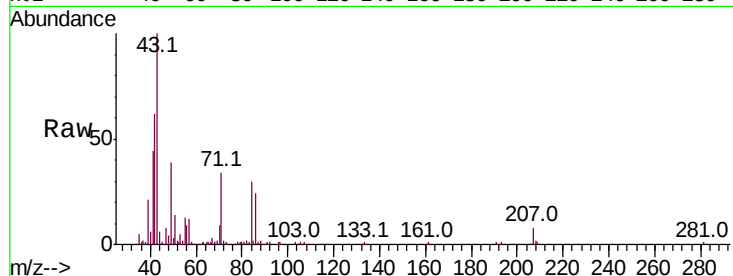




#20
Methvlene Chloride
Concen: 3.266 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

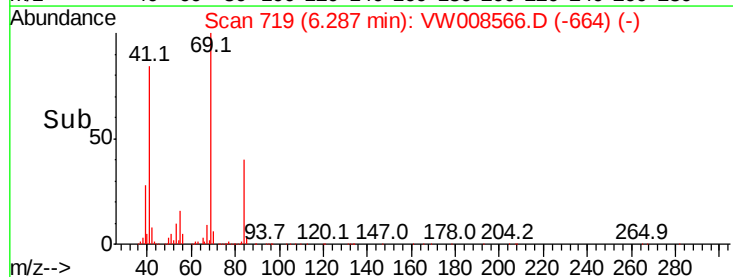
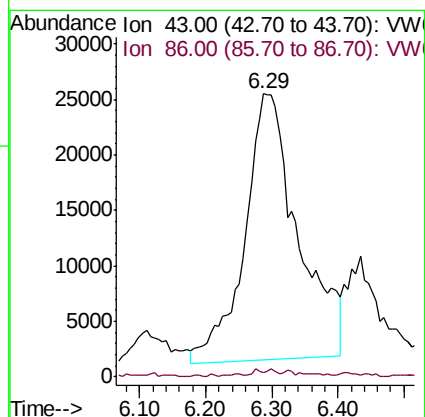
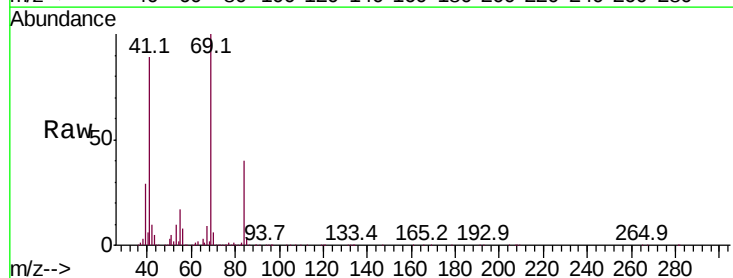
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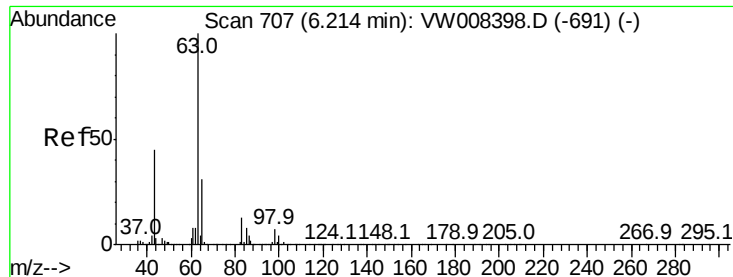
Tot Ion: 84 Resp: 27901
Ion Ratio Lower Upper
84 100
49 130.4 106.8 160.2
51 39.7 32.9 49.3
86 81.5 52.2 78.2#



#23
Vinyl Acetate
Concen: 8.263 ug/l
RT: 6.29 min Scan# 719
Delta R.T. 0.04 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 43 Resp: 135027
Ion Ratio Lower Upper
43 100
86 1.6 7.8 11.8#





#24

1,1-Dichloroethane

Concen: 2.373 ug/l

RT: 6.29 min Scan# 720

Delta R.T. 0.08 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

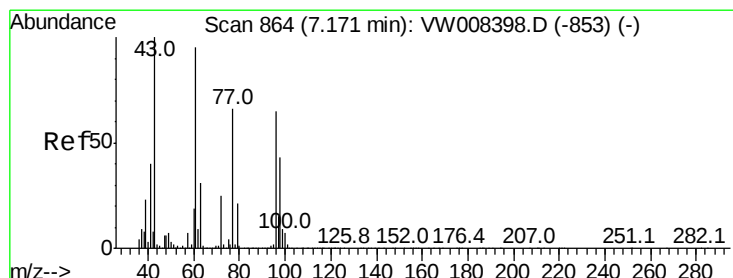
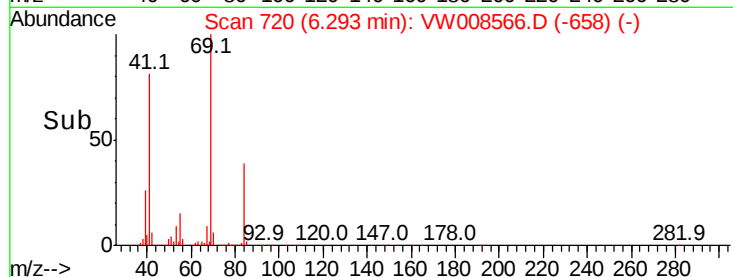
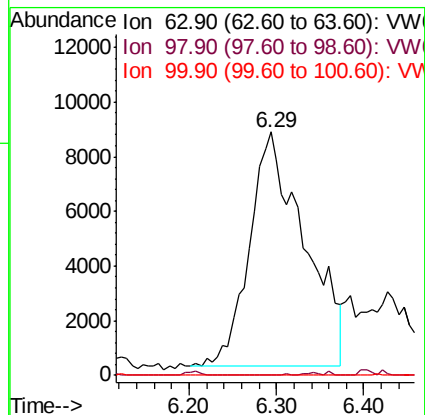
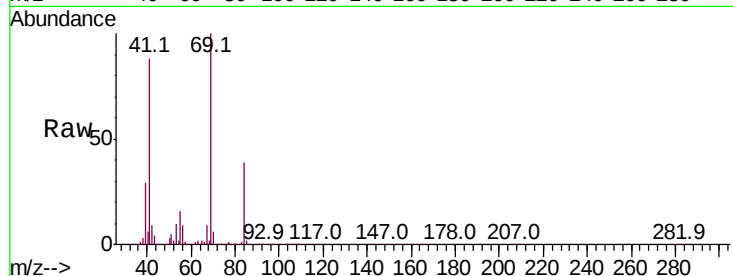
Tot Ion: 63 Resp: 37172

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.5#

100 0.0 2.1 6.2#



#25

2-Butanone

Concen: 12.816 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008566.D

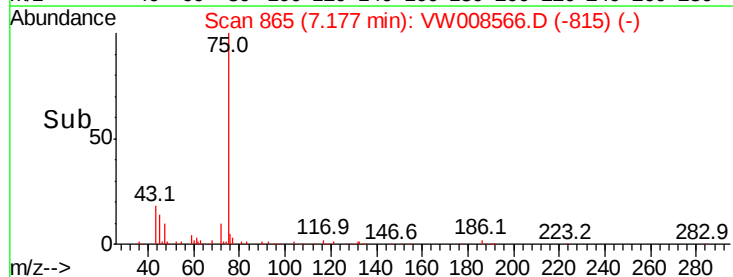
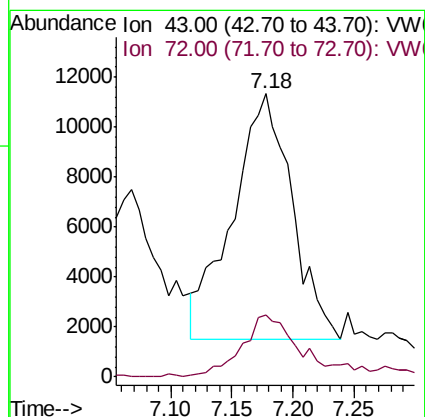
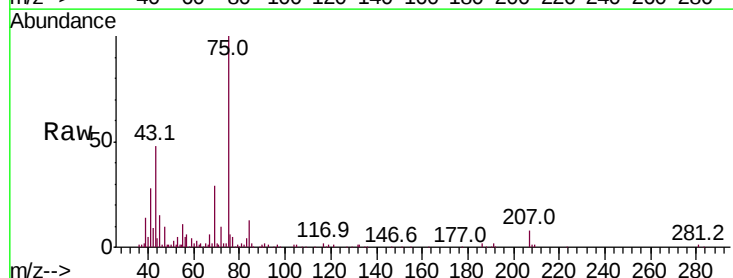
Acq: 07 Feb 2019 21:17

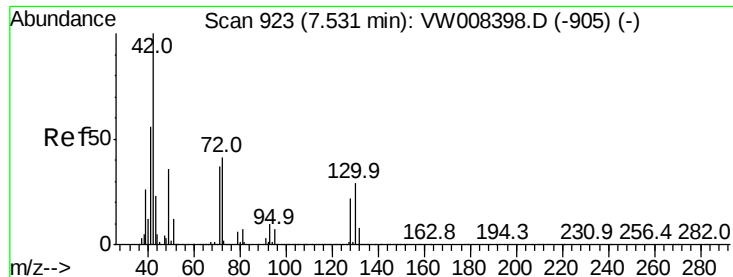
Tgt Ion: 43 Resp: 32992

Ion Ratio Lower Upper

43 100

72 24.6 20.1 30.1





#29

Tetrahydrofuran

Concen: 2.475 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

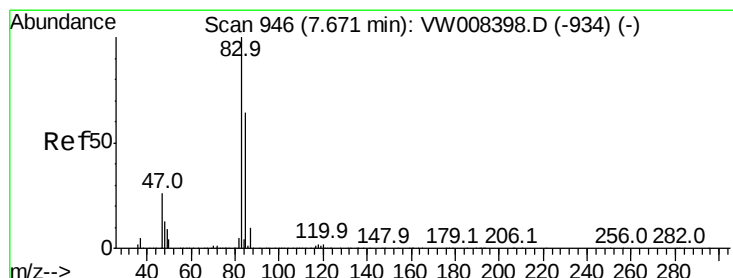
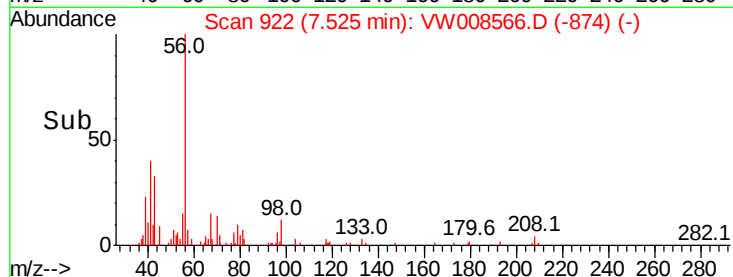
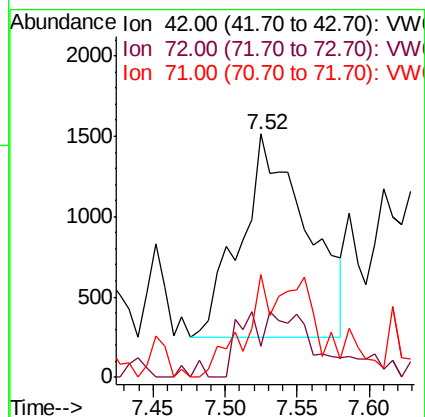
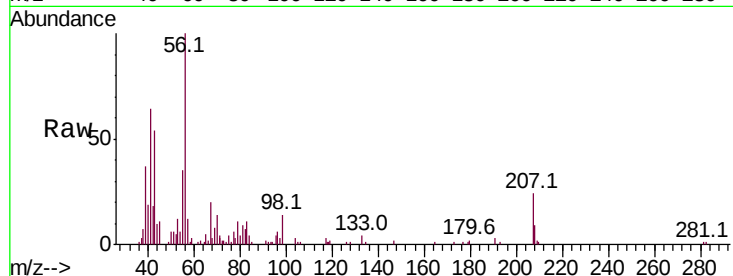
Tot Ion: 42 Resp: 4037

Ion Ratio Lower Upper

42 100

72 27.3 31.9 47.9#

71 20.0 29.9 44.9#



#30

Chloroform

Concen: 3.630 ug/l

RT: 7.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: VW008566.D

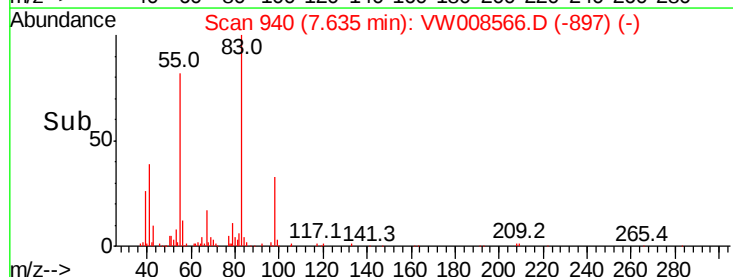
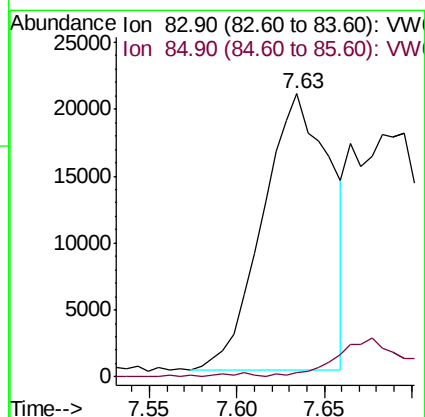
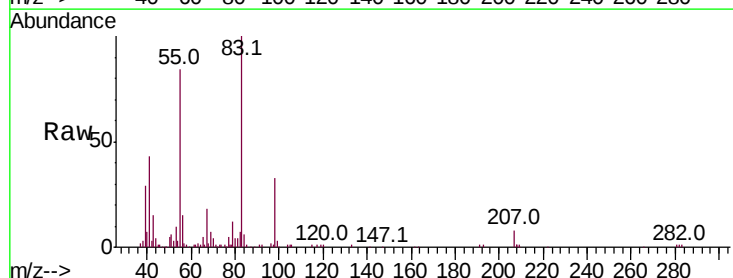
Acq: 07 Feb 2019 21:17

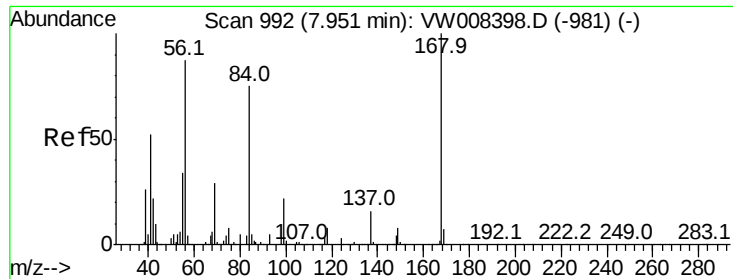
Tgt Ion: 83 Resp: 55937

Ion Ratio Lower Upper

83 100

85 1.0 50.9 76.3#

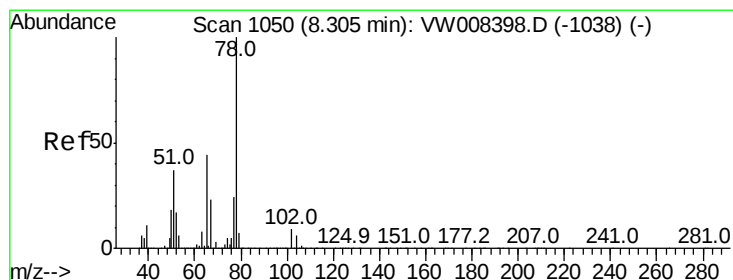
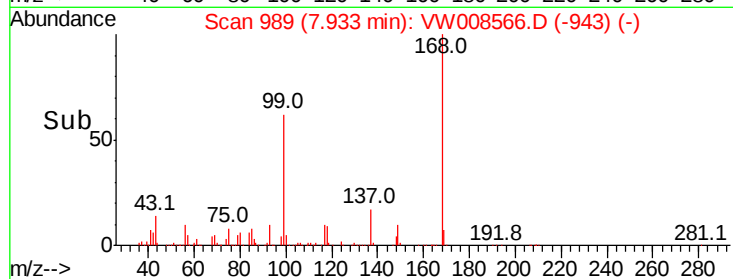
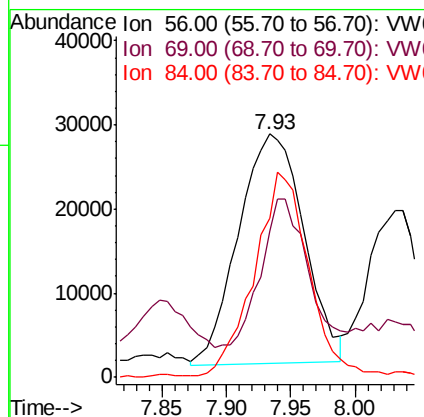
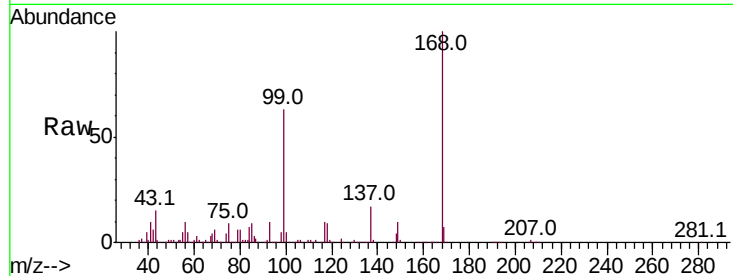




#31
Cvclohexane
Concen: 5.940 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

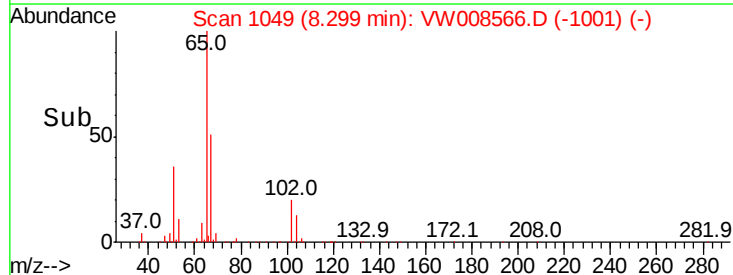
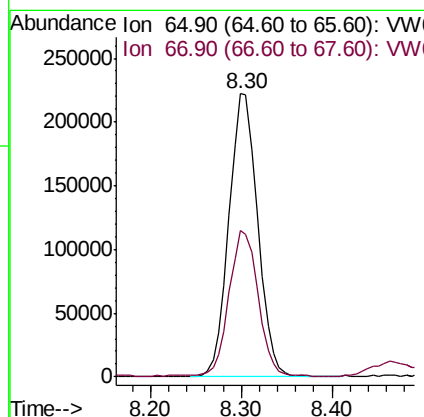
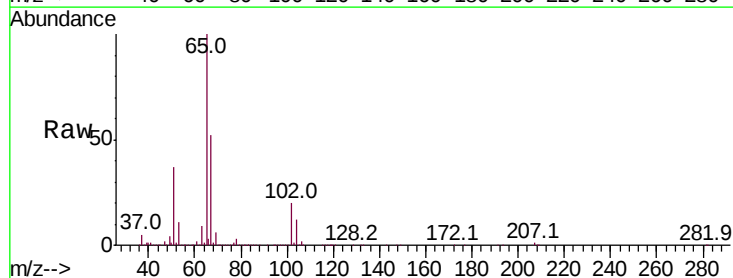
Instrument :
MSVOA_W
ClientSampleId :
SB-09(0-2)

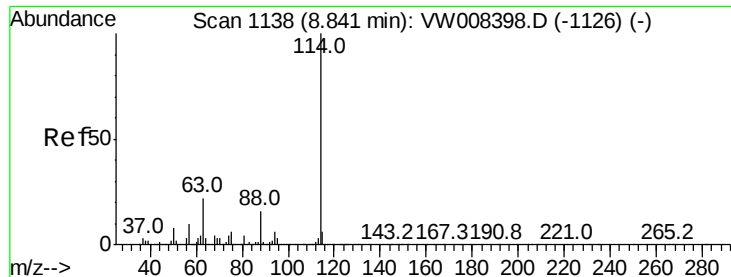
Tot Ion: 56 Resp: 96211
Ion Ratio Lower Upper
56 100
69 43.7 26.4 39.6#
84 69.2 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 59.175 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 65 Resp: 488387
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

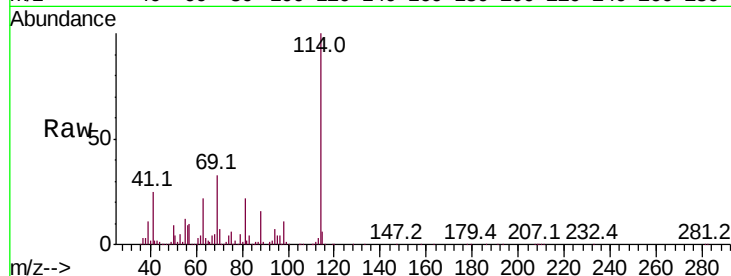
Tot Ion:114 Resp: 1396195

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.6
88	16.3	0.0	31.8

114 100

63 21.9 0.0 43.6

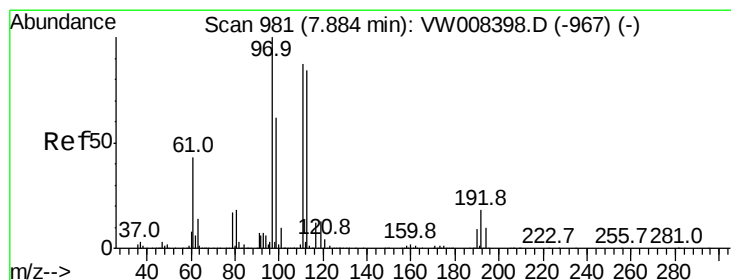
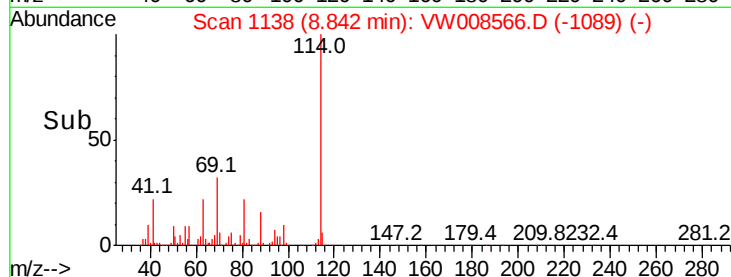
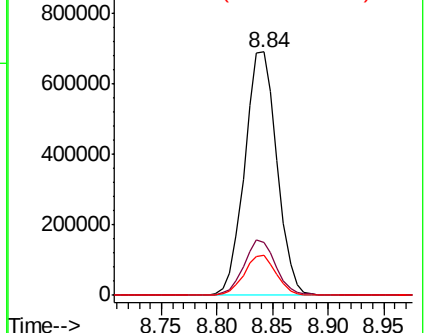
88 16.3 0.0 31.8



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: 53.803 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

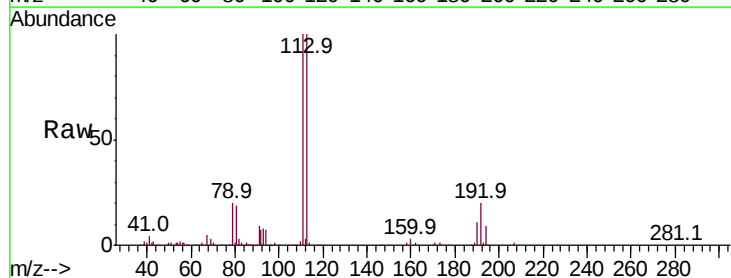
Tgt Ion:113 Resp: 439252

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.4
192	20.9	16.8	25.2

113 100

111 102.2 81.0 121.4

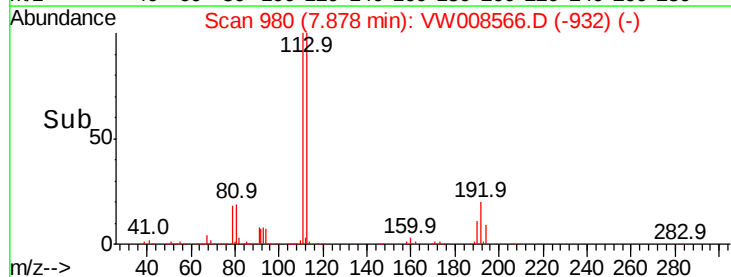
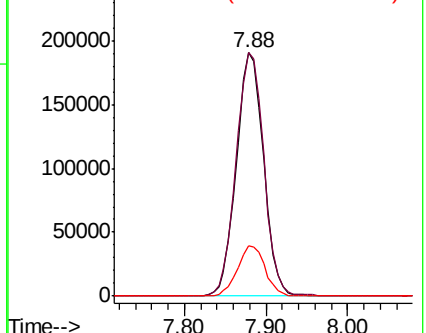
192 20.9 16.8 25.2

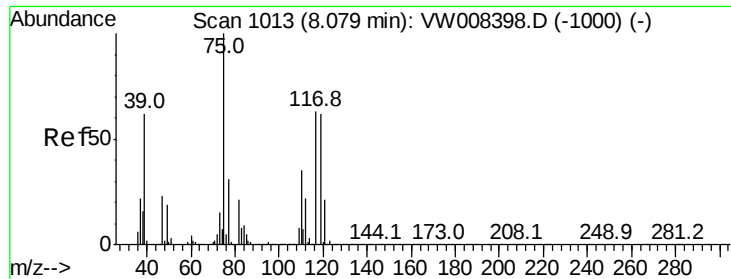


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

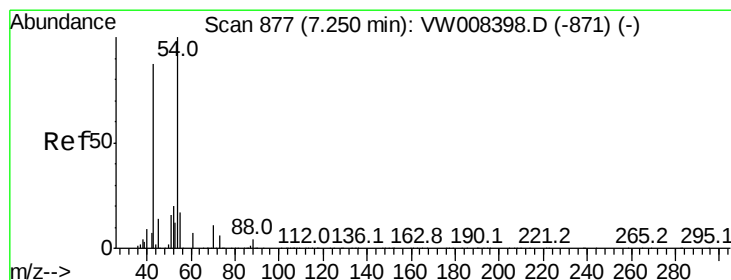
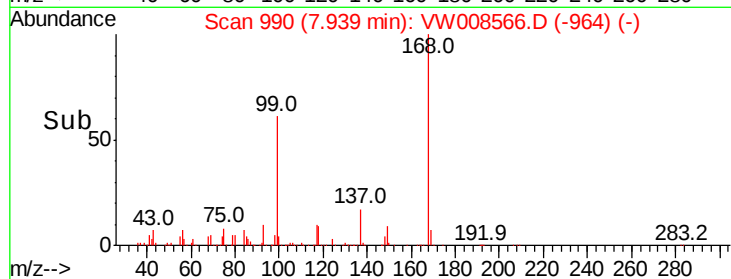
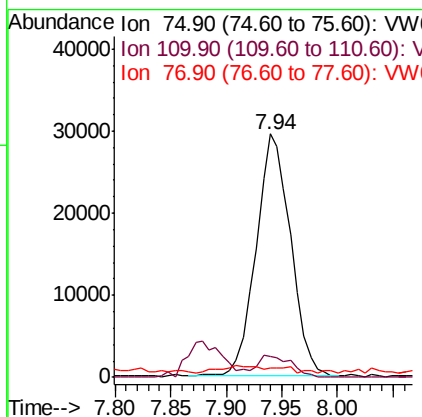
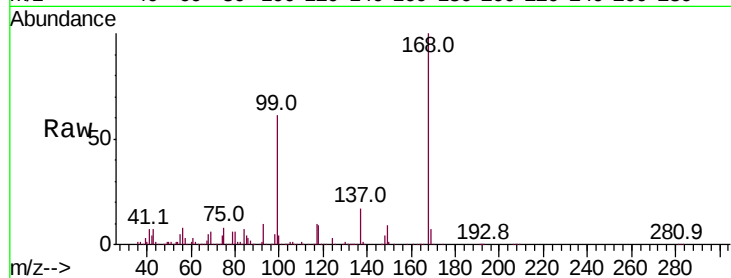




#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008566.D
 Acq: 07 Feb 2019 21:17

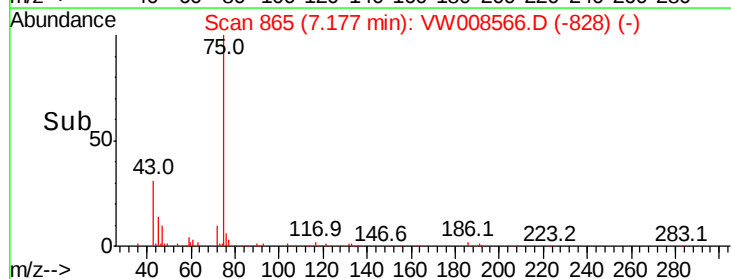
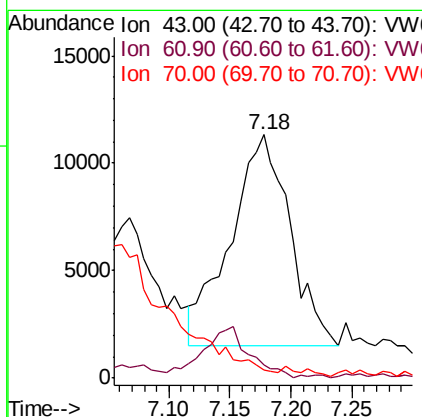
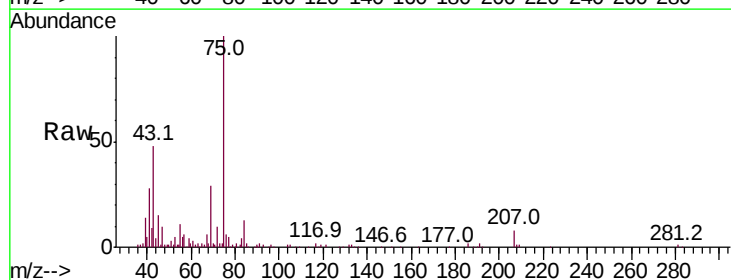
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09(0-2)

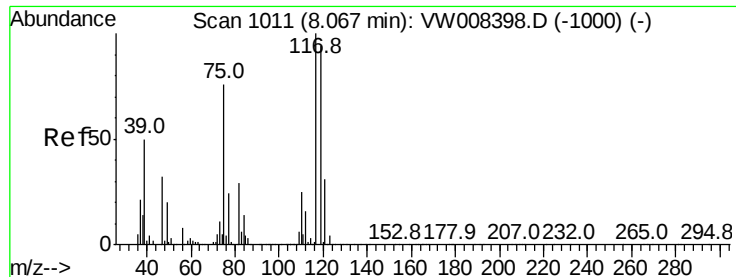
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	52.0#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 5.654 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW008566.D
 Acq: 07 Feb 2019 21:17

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





#38

Carbon Tetrachloride

Concen: 6.158 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

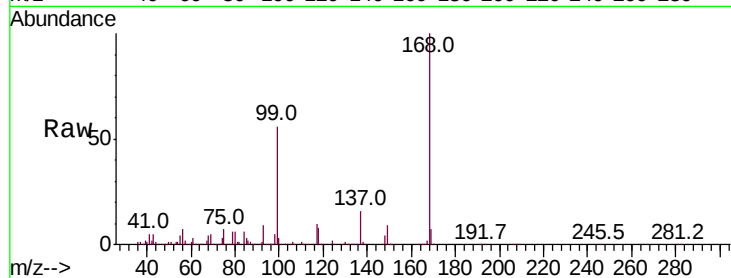
Tot Ion:117 Resp: 81730

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.4#

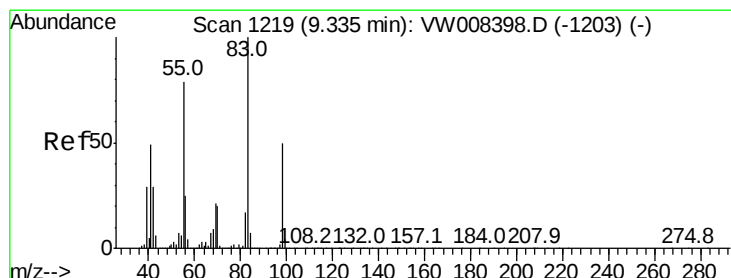
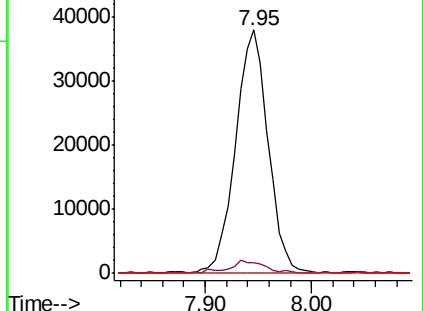
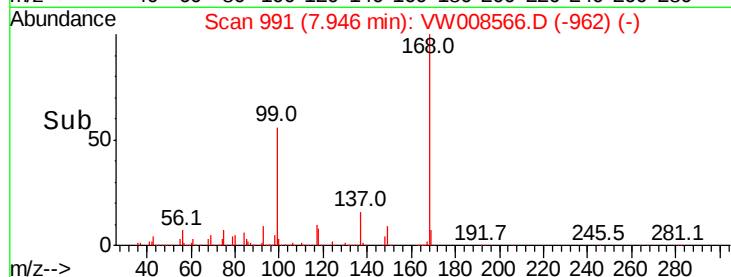
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 7.165 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

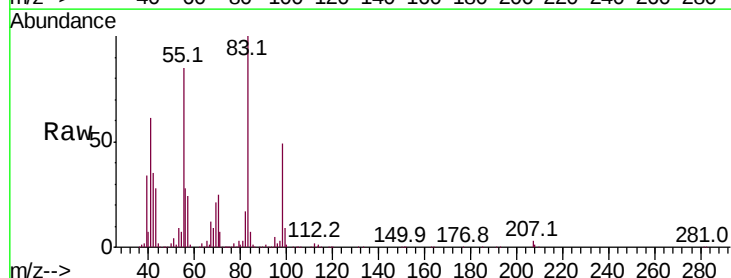
Tgt Ion: 83 Resp: 124140

Ion Ratio Lower Upper

83 100

55 84.6 63.3 94.9

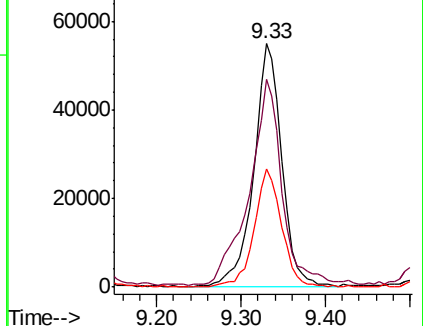
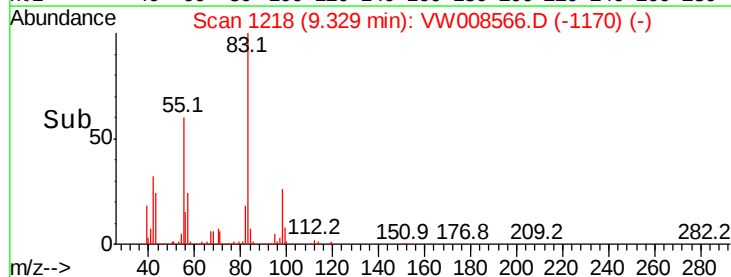
98 48.5 39.7 59.5

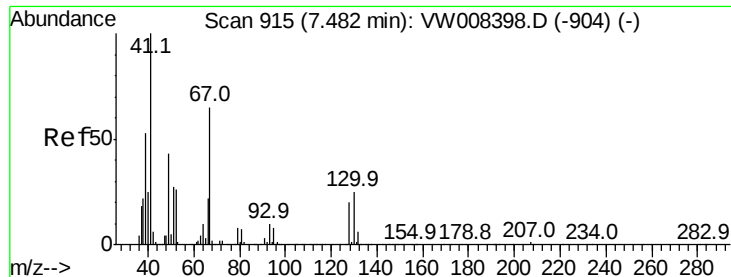


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#41

Methacrylonitrile

Concen: 5.051 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.06 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

Tot Ion: 41 Resp: 17451

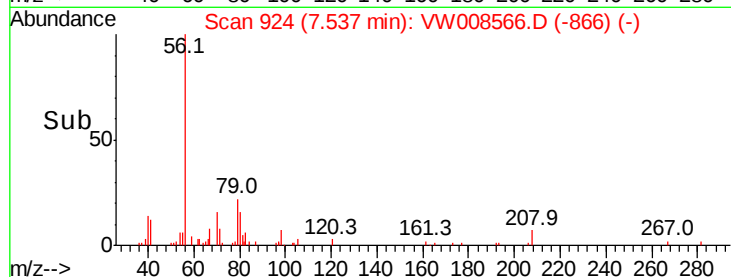
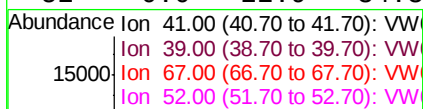
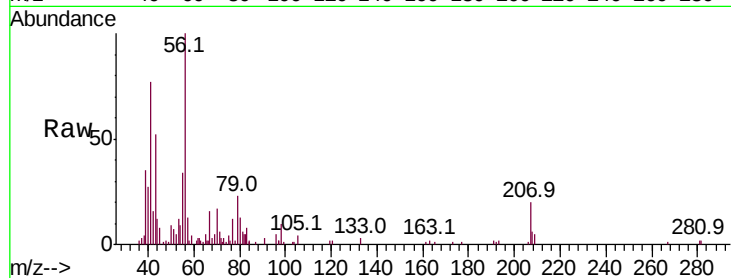
Ion Ratio Lower Upper

41 100

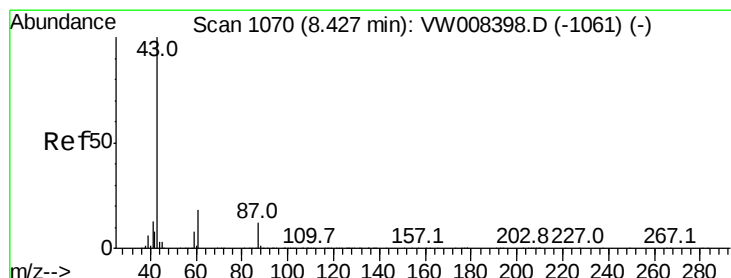
39 0.0 43.4 65.0#

67 0.0 54.2 81.2#

52 0.0 22.9 34.3#



Time-->



#43

Isopropyl Acetate

Concen: 2.534 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.02 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

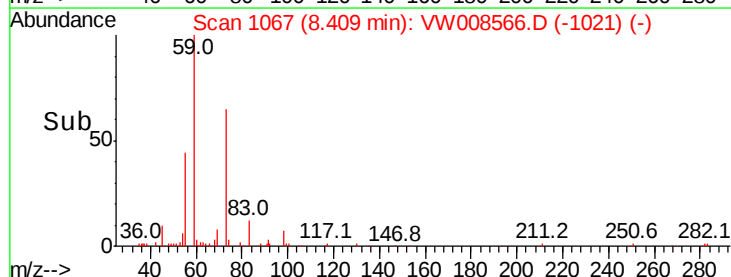
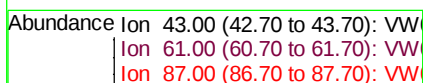
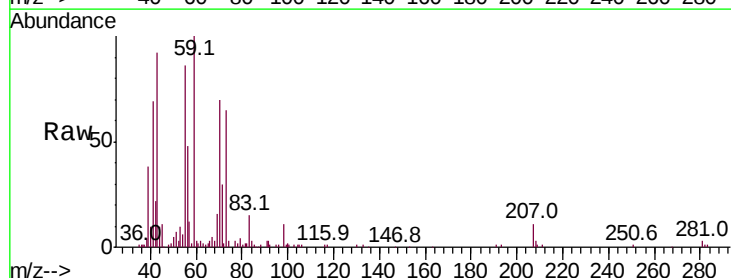
Tgt Ion: 43 Resp: 30715

Ion Ratio Lower Upper

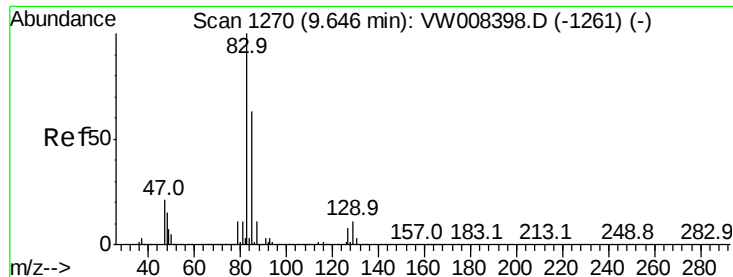
43 100

61 1.7 22.0 33.0#

87 0.3 9.3 13.9#



Time-->



#47

Bromodichloromethane

Concen: 1.629 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

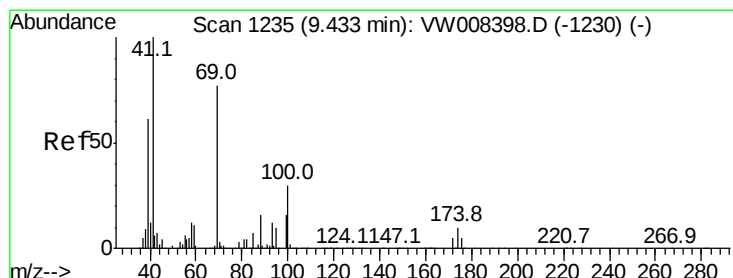
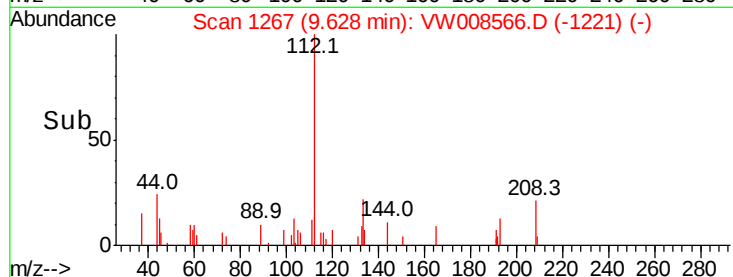
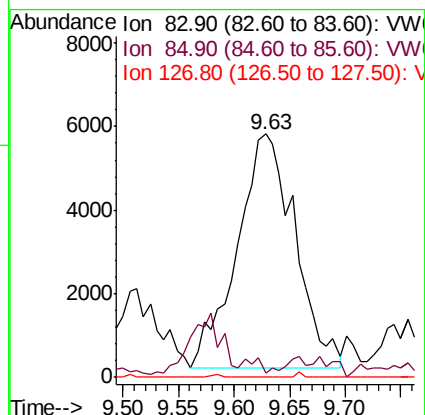
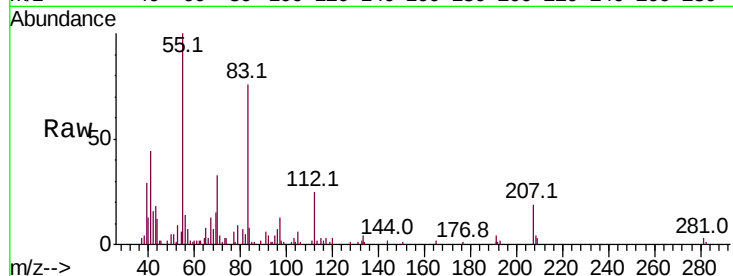
Tot Ion: 83 Resp: 20218

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 2.000 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.05 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

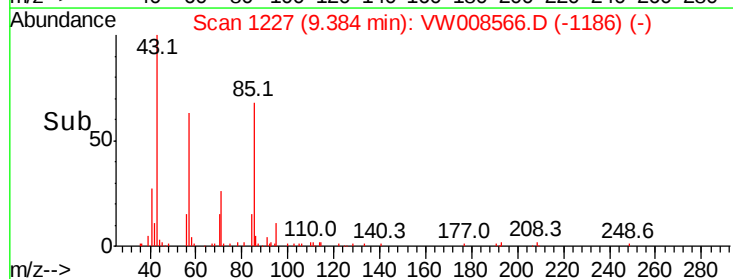
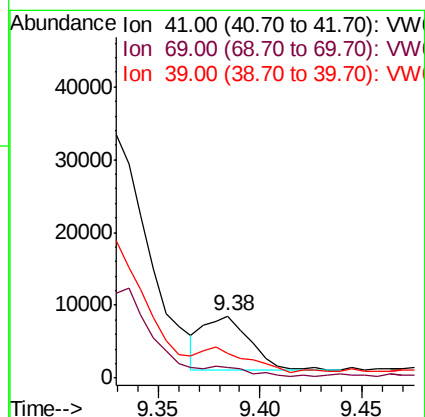
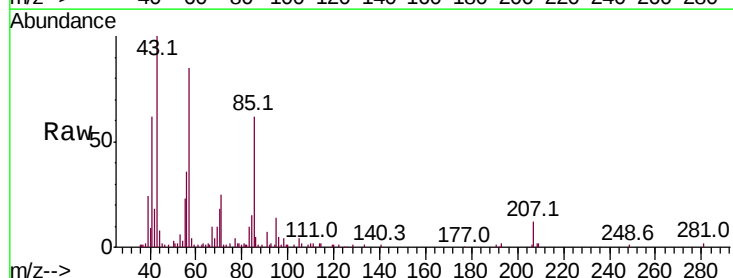
Tgt Ion: 41 Resp: 11855

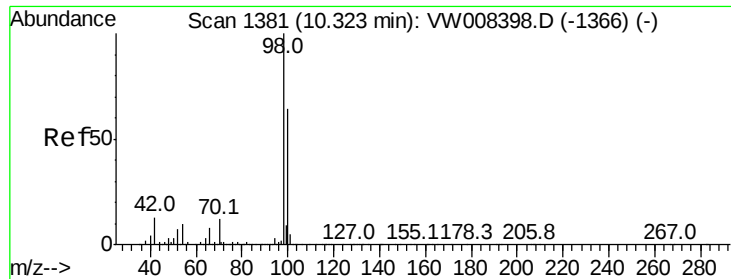
Ion Ratio Lower Upper

41 100

69 0.0 64.8 97.2#

39 46.0 49.1 73.7#





#50

Toluene-d8

Concen: 50.921 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

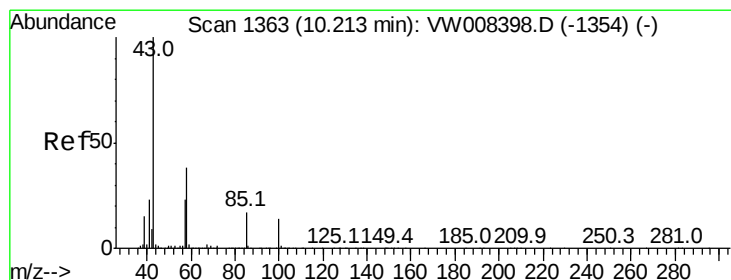
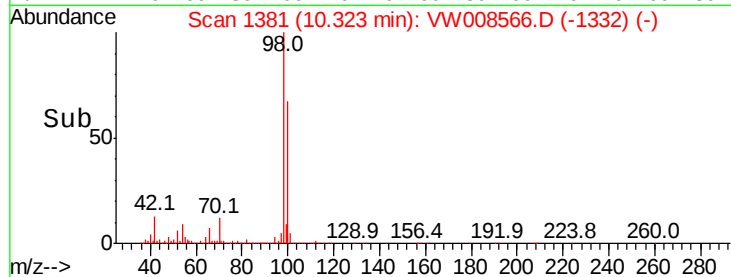
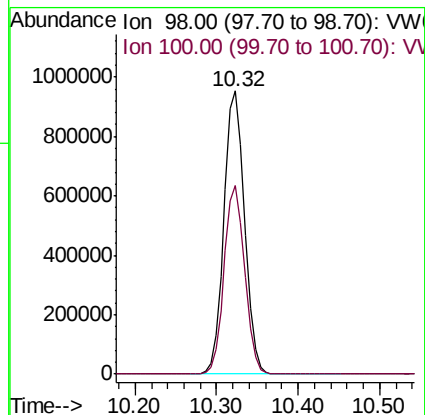
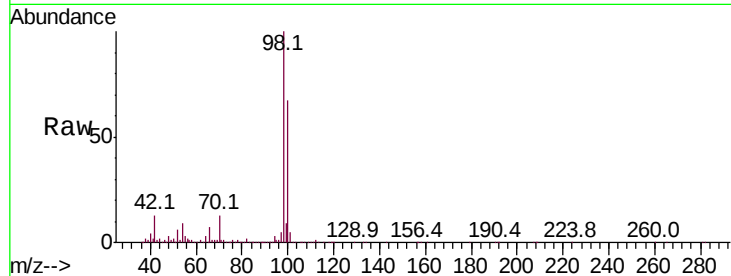
SB-09(0-2)

Tot Ion: 98 Resp: 1667068

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 3.537 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008566.D

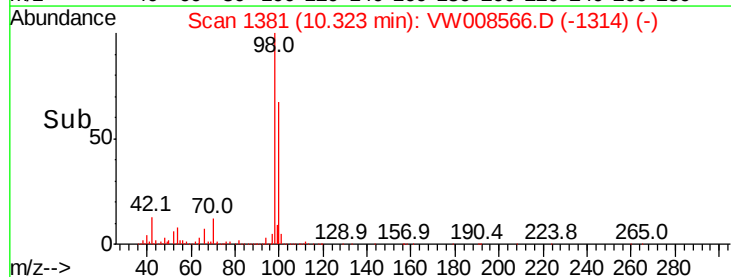
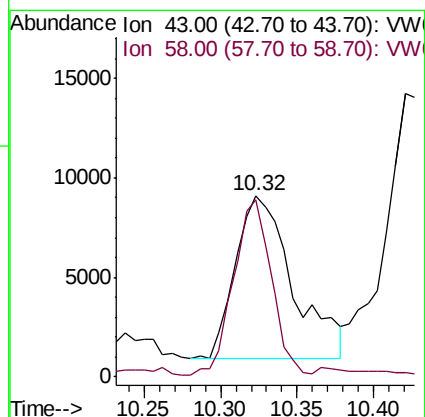
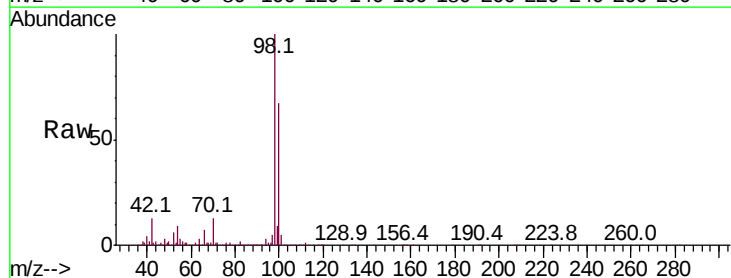
Acq: 07 Feb 2019 21:17

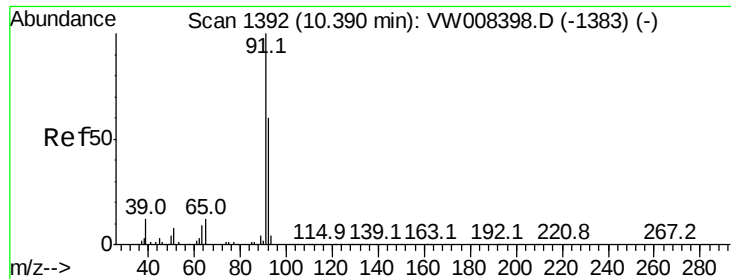
Tgt Ion: 43 Resp: 21181

Ion Ratio Lower Upper

43 100

58 72.1 29.7 44.5#





#52

Toluene

Concen: 5.552 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

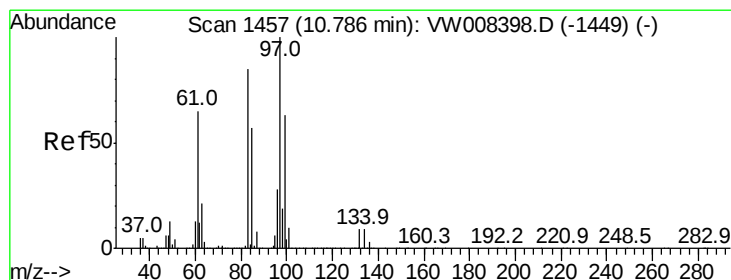
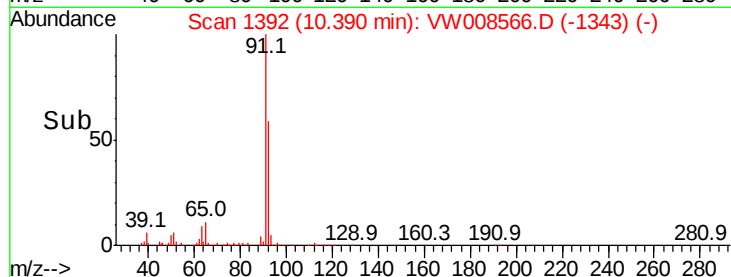
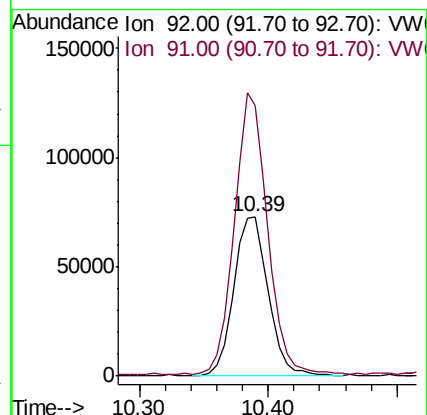
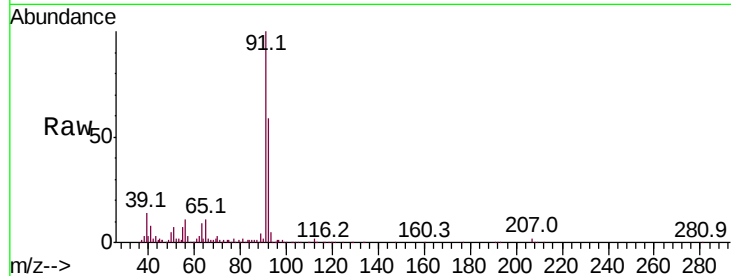
SB-09(0-2)

Tot Ion: 92 Resp: 134135

Ion Ratio Lower Upper

92 100

91 171.4 135.5 203.3



#55

1,1,2-Trichloroethane

Concen: 4.367 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Tgt Ion: 97 Resp: 28427

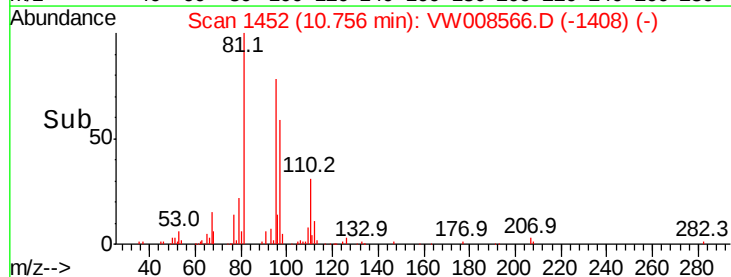
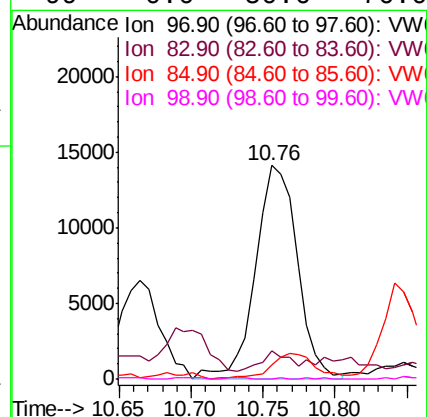
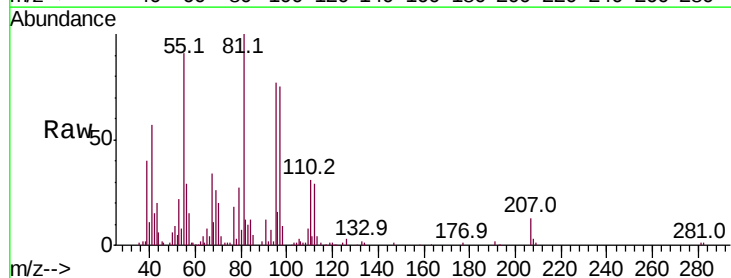
Ion Ratio Lower Upper

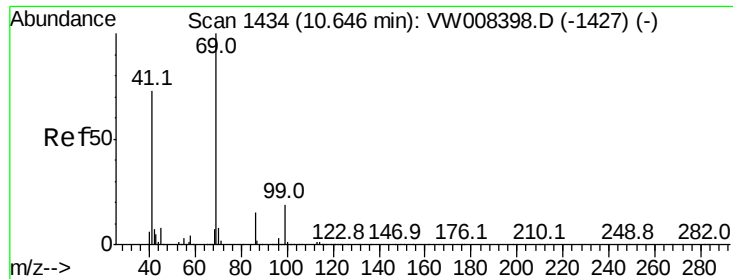
97 100

83 4.2 68.4 102.6#

85 5.1 45.3 67.9#

99 0.0 50.6 76.0#





#56

Ethyl methacrylate

Concen: 1.653 ug/l

RT: 10.70 min Scan# 1443

Delta R.T. 0.06 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampled :

SB-09(0-2)

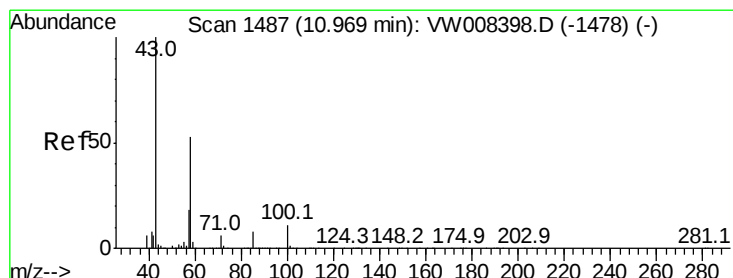
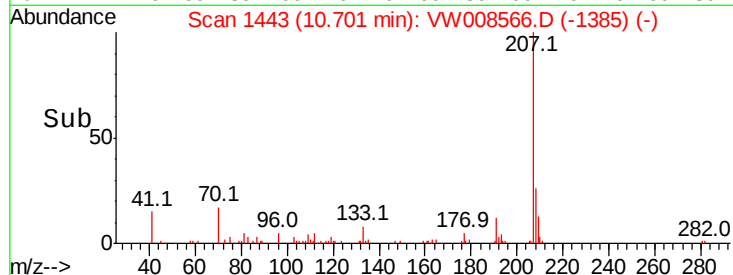
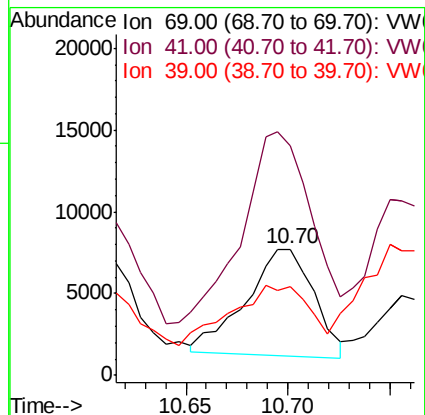
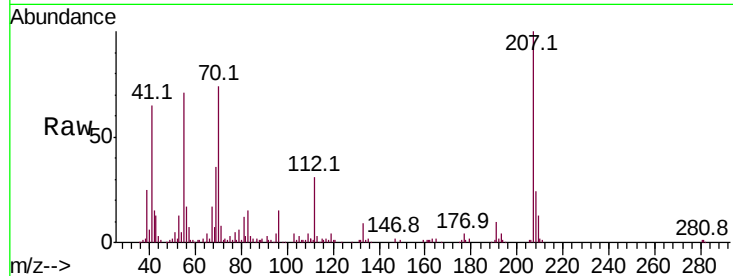
Tot Ion: 69 Resp: 15075

Ion Ratio Lower Upper

69 100

41 188.2 58.7 88.1#

39 66.3 32.6 48.8#



#59

2-Hexanone

Concen: 1.086 ug/l

RT: 11.10 min Scan# 1509

Delta R.T. 0.13 min

Lab File: VW008566.D

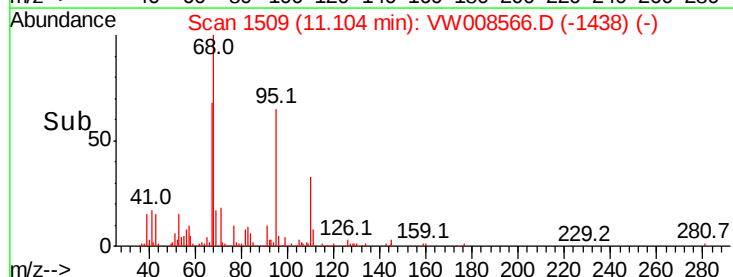
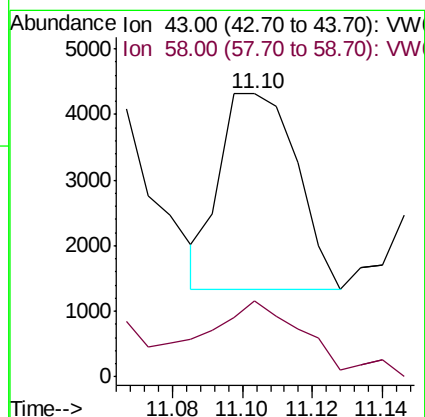
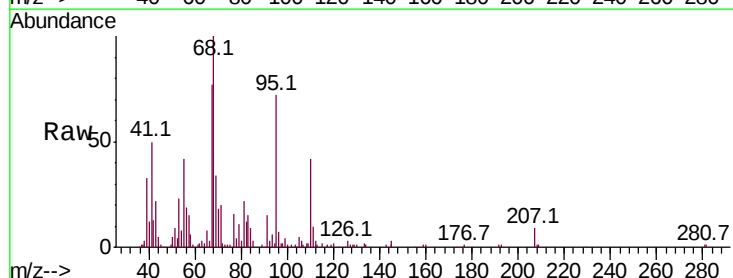
Acq: 07 Feb 2019 21:17

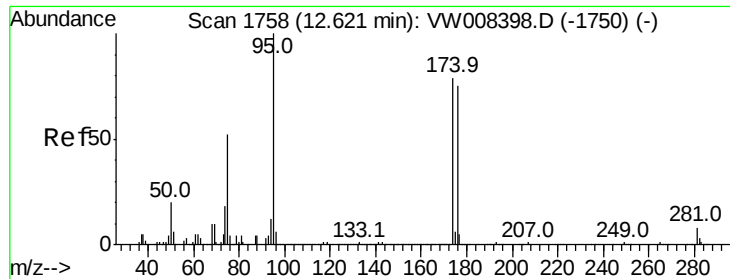
Tgt Ion: 43 Resp: 4590

Ion Ratio Lower Upper

43 100

58 48.9 25.9 77.7

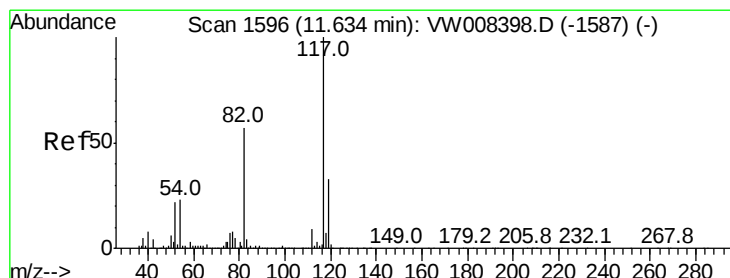
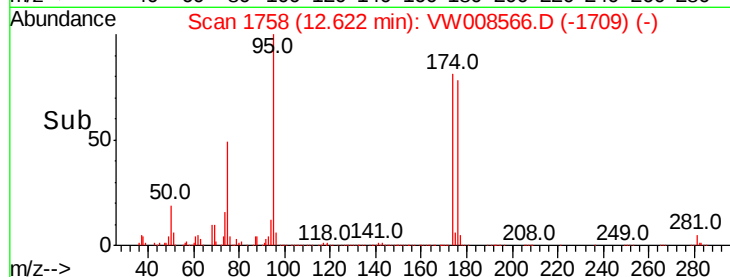
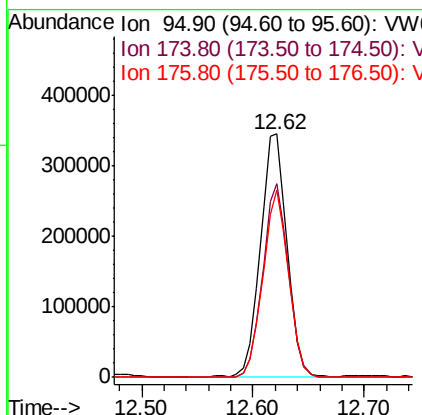
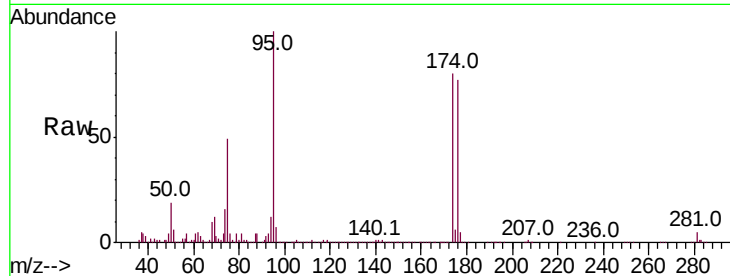




#62
4-Bromofluorobenzene
Concen: 45.435 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

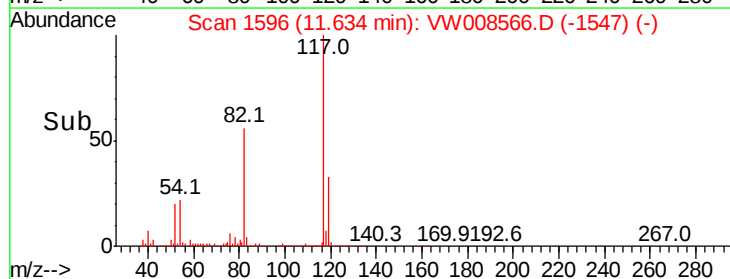
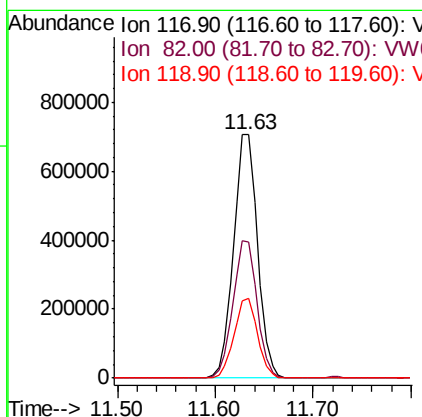
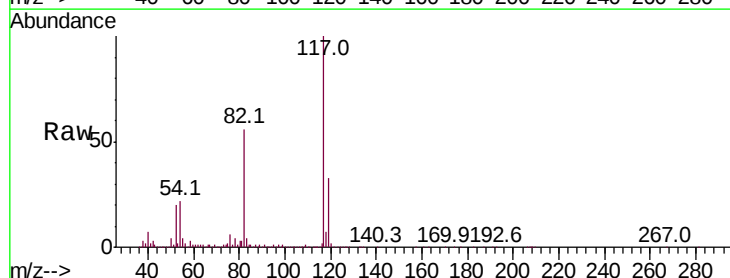
Instrument :
MSVOA_W
ClientSampleId :
SB-09(0-2)

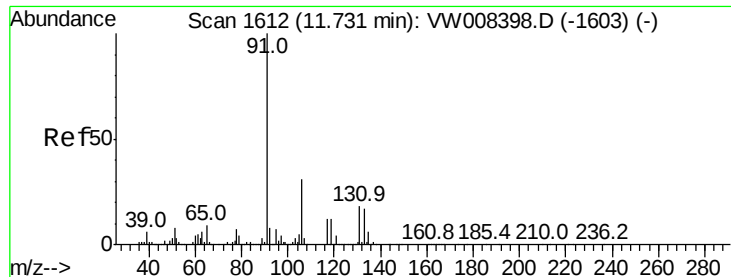
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	157.6
176	74.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	32.8	26.2	39.4

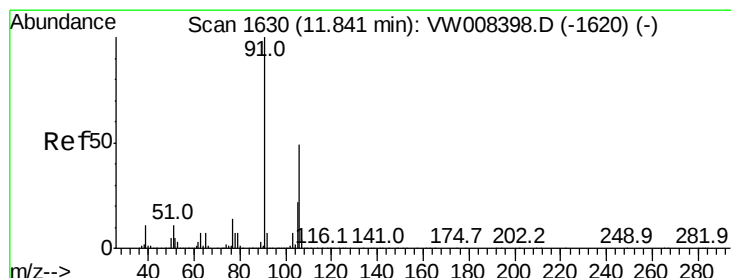
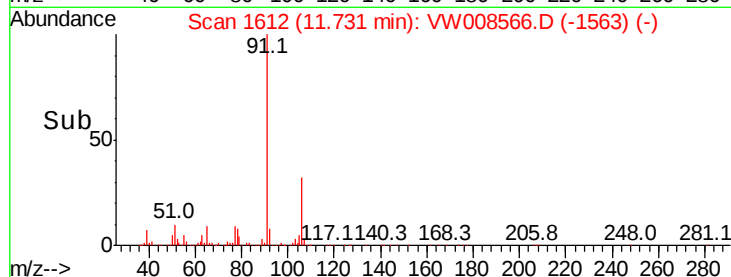
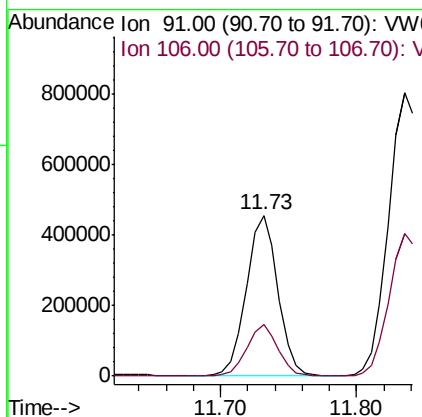
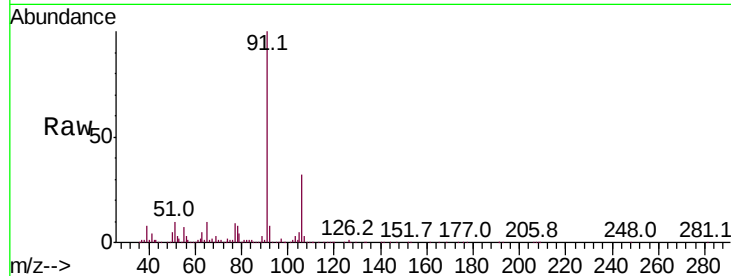




#67
Ethyl Benzene
Concen: 16.206 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

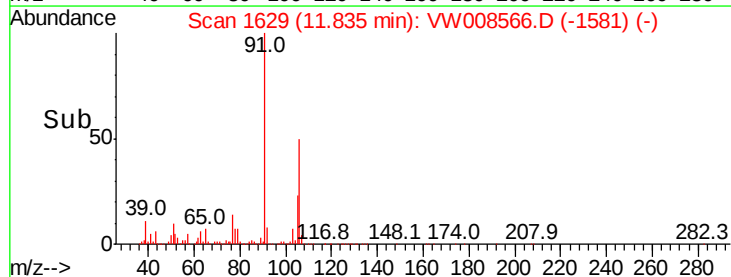
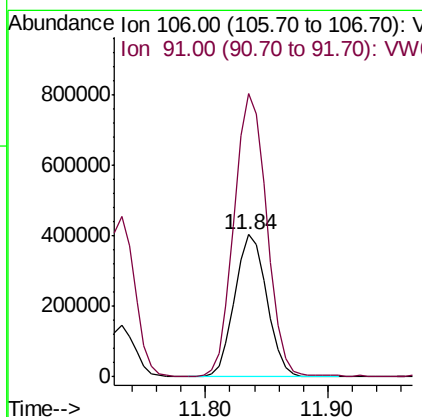
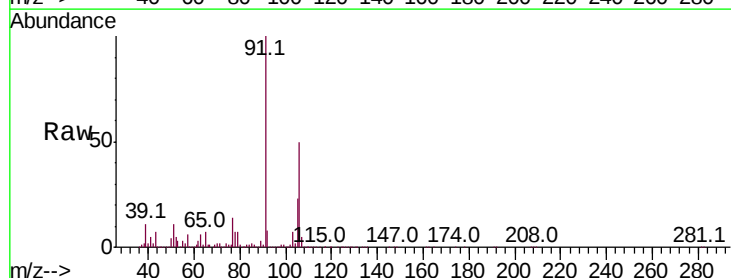
Instrument :
MSVOA_W
ClientSampleId :
SB-09(0-2)

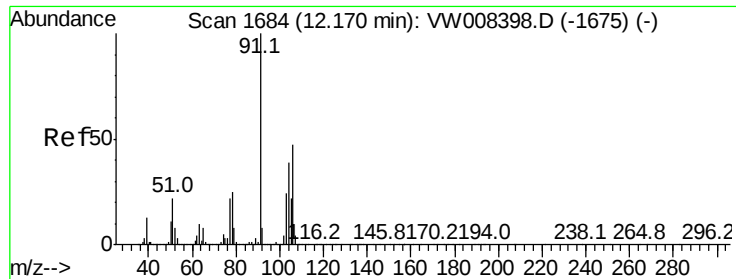
Tot Ion: 91 Resp: 728327
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 41.904 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 106 Resp: 730676
Ion Ratio Lower Upper
106 100
91 201.7 162.9 244.3

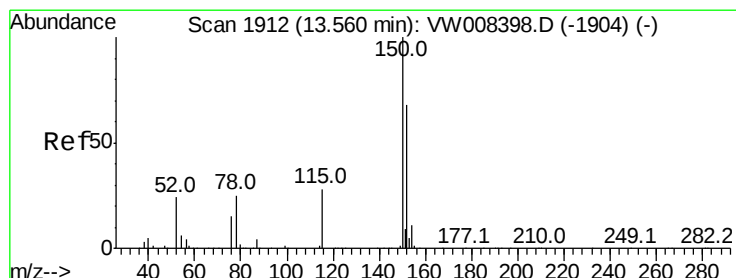
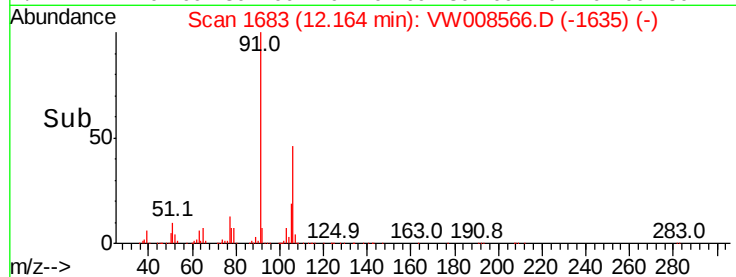
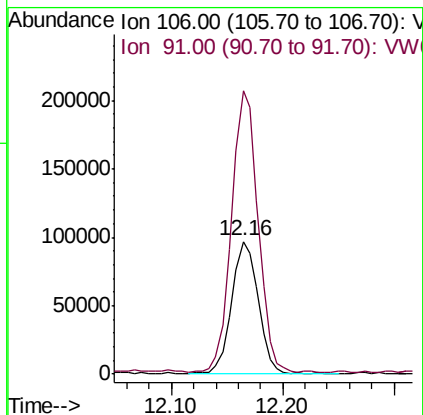
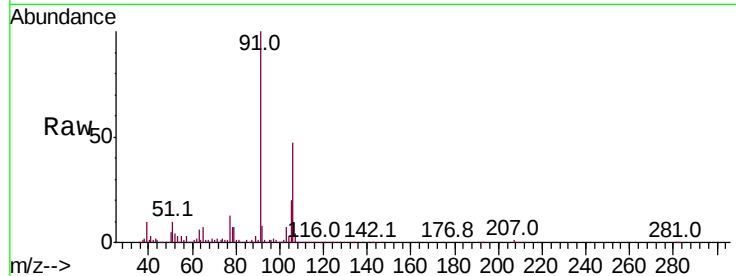




#69
o-Xylene
Concen: 9.585 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

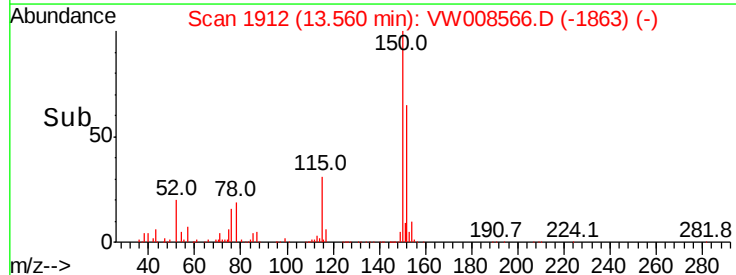
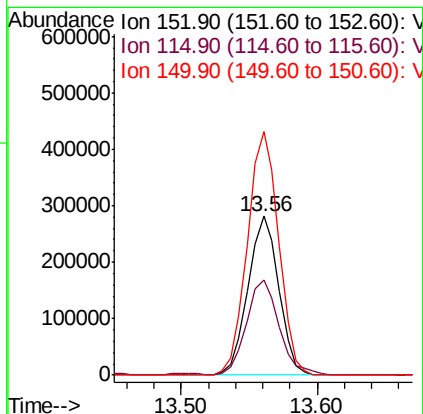
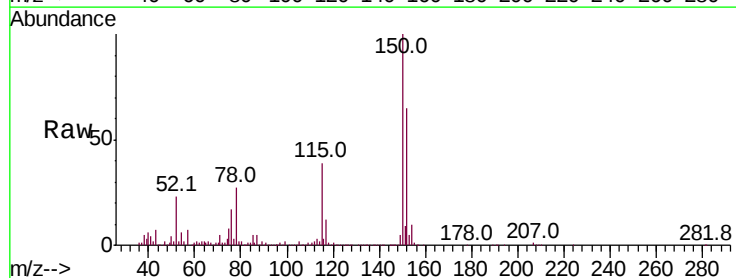
Instrument :
MSVOA_W
ClientSampleId :
SB-09(0-2)

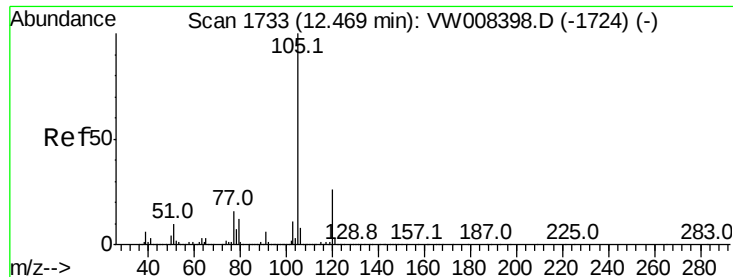
Tot Ion:106 Resp: 158798
Ion Ratio Lower Upper
106 100
91 213.1 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion:152 Resp: 445928
Ion Ratio Lower Upper
152 100
115 62.9 29.9 89.7
150 155.8 0.0 351.4





#73

Isopropylbenzene

Concen: 2.700 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

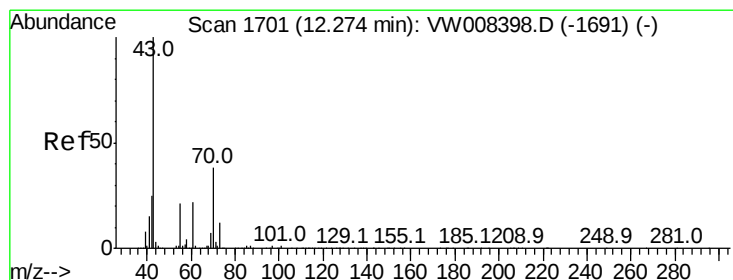
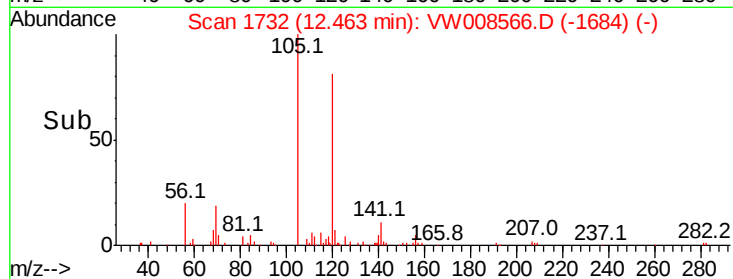
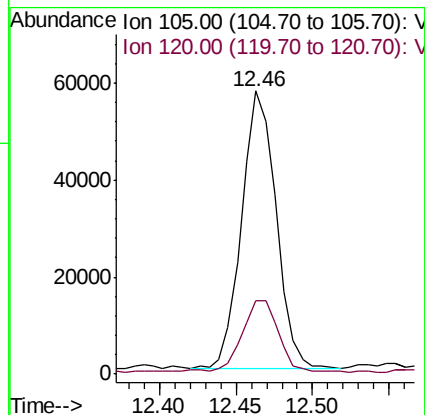
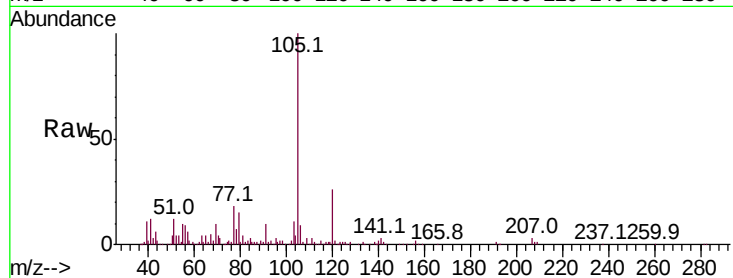
SB-09(0-2)

Tot Ion:105 Resp: 89772

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 2.012 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Tgt Ion: 43 Resp: 17230

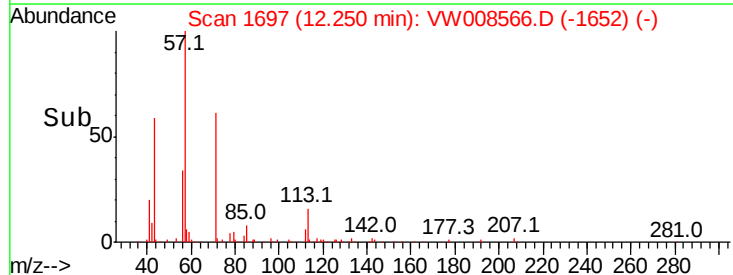
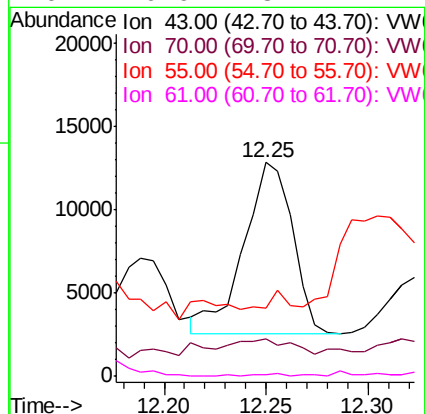
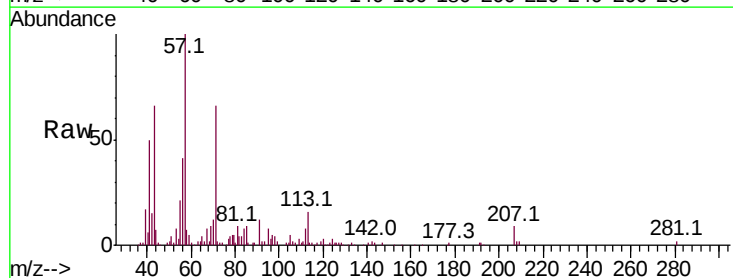
Ion Ratio Lower Upper

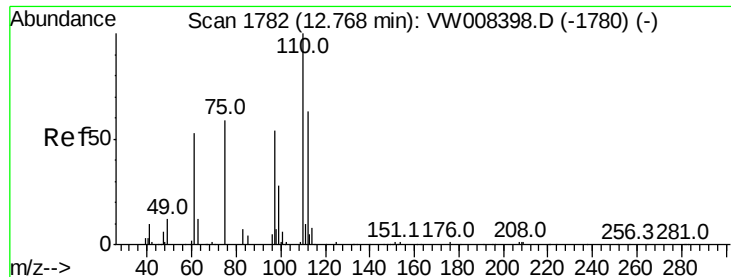
43 100

70 9.6 31.0 46.6#

55 0.0 17.4 26.2#

61 0.9 18.2 27.4#





#76

1,2,3-Trichloropropane

Concen: 2.771 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampled :

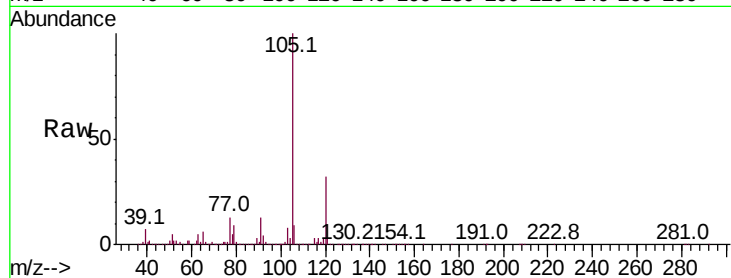
SB-09(0-2)

Tot Ion: 75 Resp: 10745

Ion Ratio Lower Upper

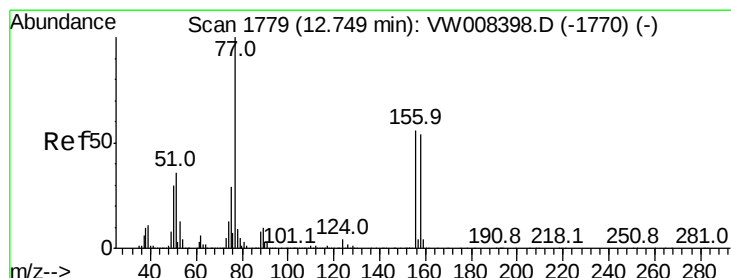
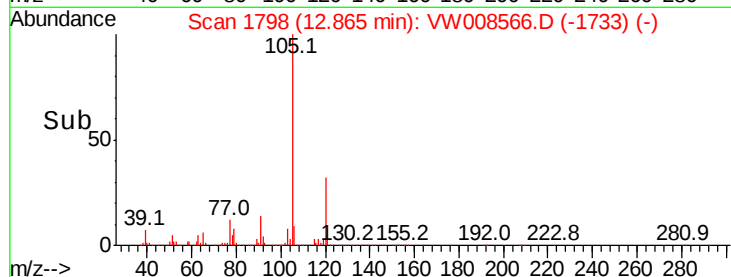
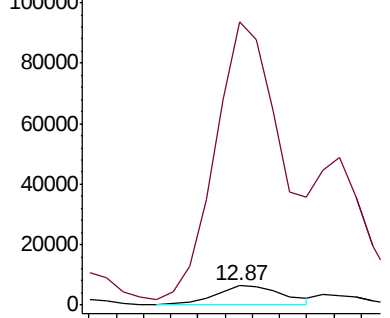
75 100

77 1451.3 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 1.591 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.14 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

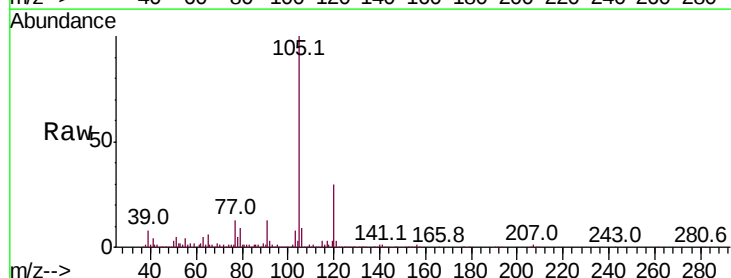
Tgt Ion: 156 Resp: 11551

Ion Ratio Lower Upper

156 100

77 483.2 96.9 290.7#

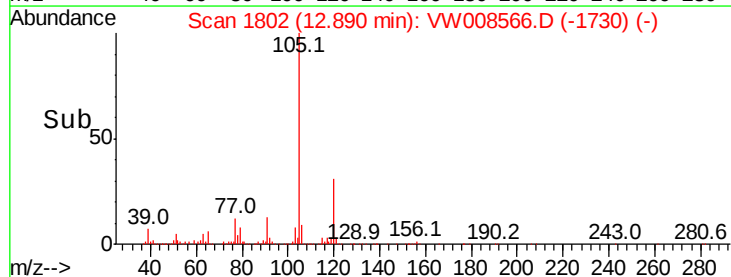
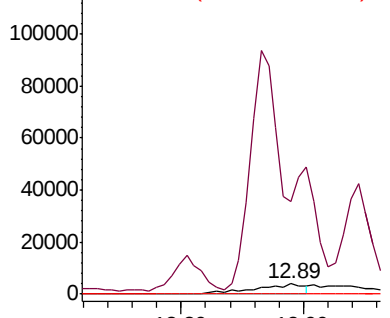
158 0.0 48.8 146.4#

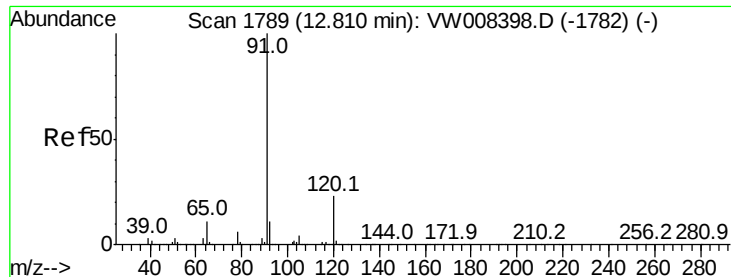


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 11.267 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

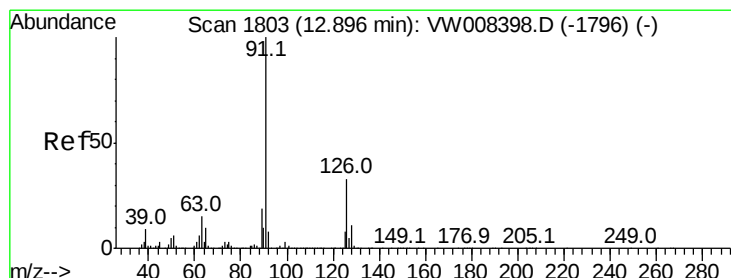
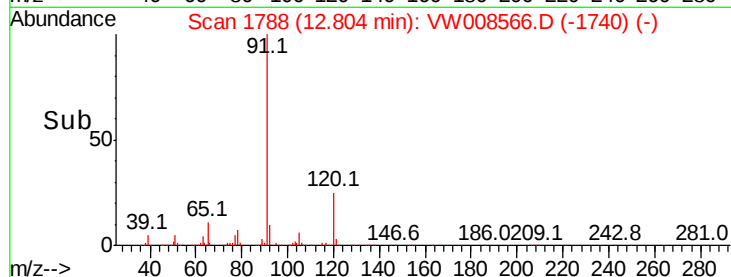
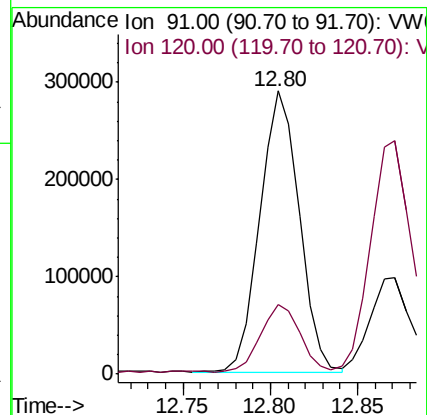
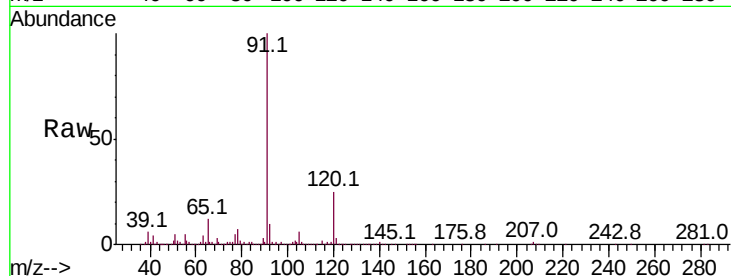
SB-09(0-2)

Tot Ion: 91 Resp: 449887

Ion Ratio Lower Upper

91 100

120 24.0 11.4 34.1



#79

2-Chlorotoluene

Concen: 6.725 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008566.D

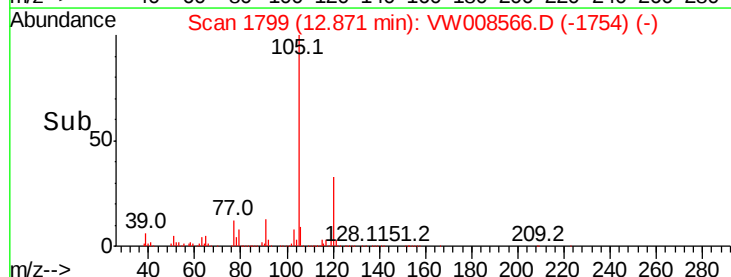
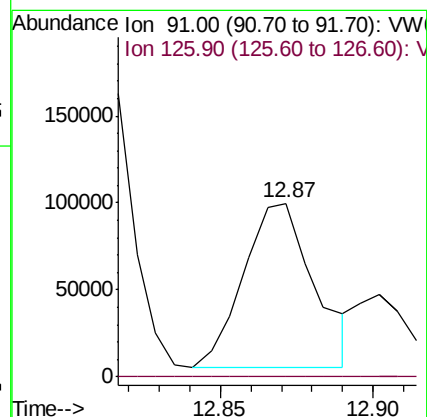
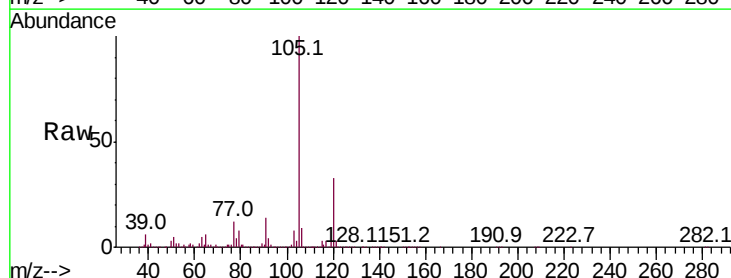
Acq: 07 Feb 2019 21:17

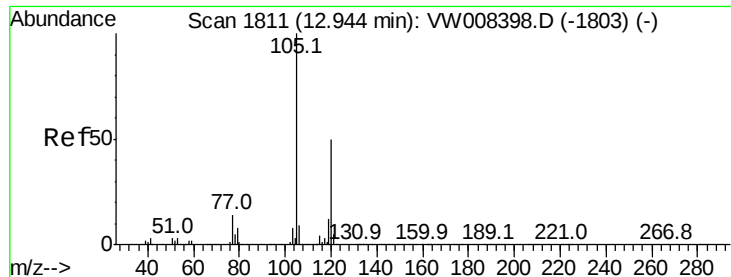
Tgt Ion: 91 Resp: 151527

Ion Ratio Lower Upper

91 100

126 0.2 16.5 49.5#

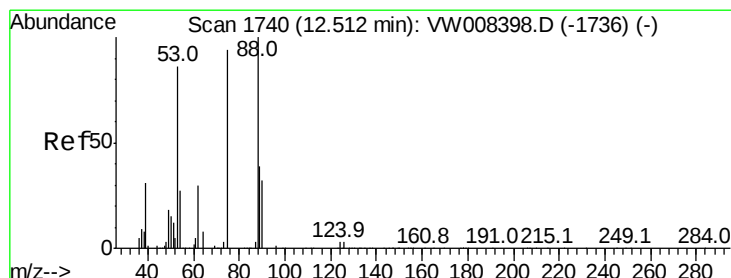
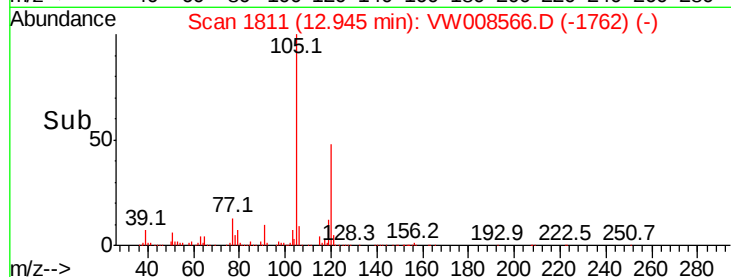
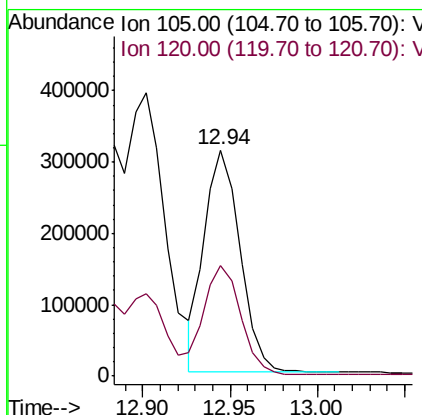
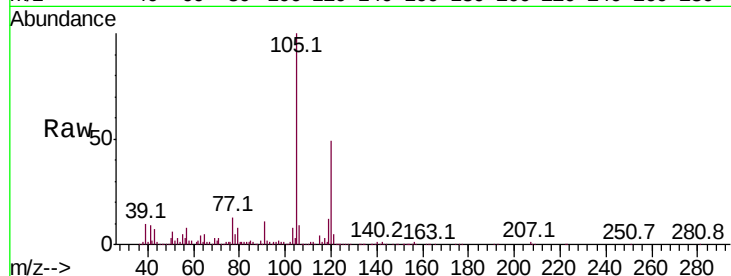




#80
 1,3,5-Trimethylbenzene
 Concen: 16.045 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008566.D
 Acq: 07 Feb 2019 21:17

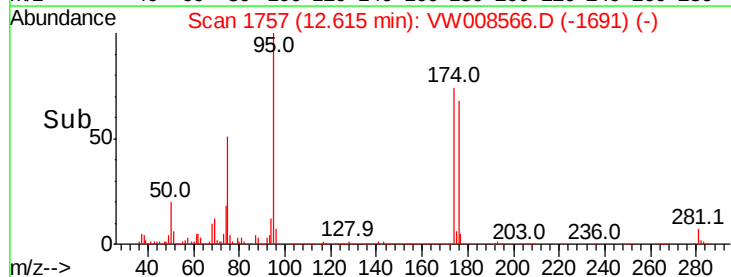
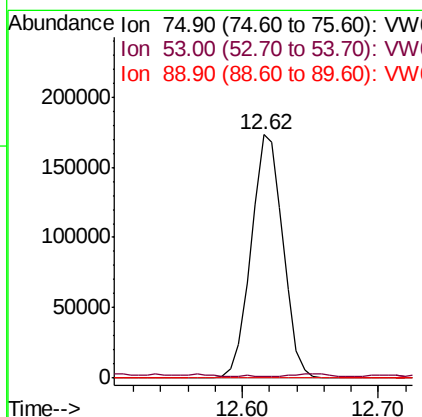
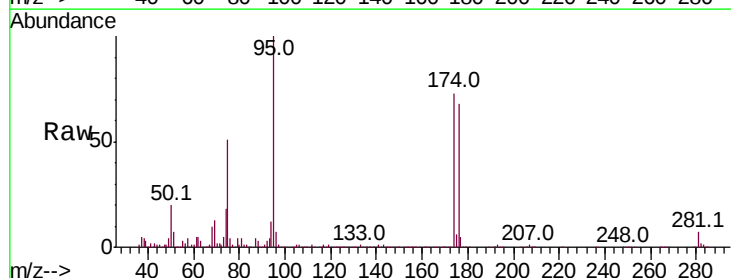
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09(0-2)

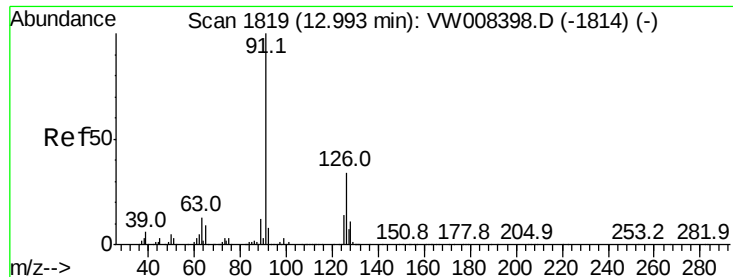
Tot Ion:105 Resp: 445831
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.146 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008566.D
 Acq: 07 Feb 2019 21:17

Tgt Ion: 75 Resp: 282955
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.0 114.0#
 89 0.4 35.4 53.0#

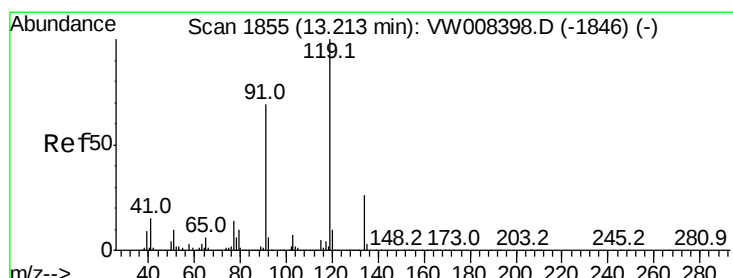
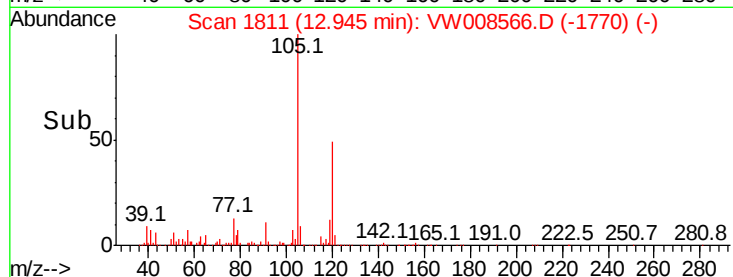
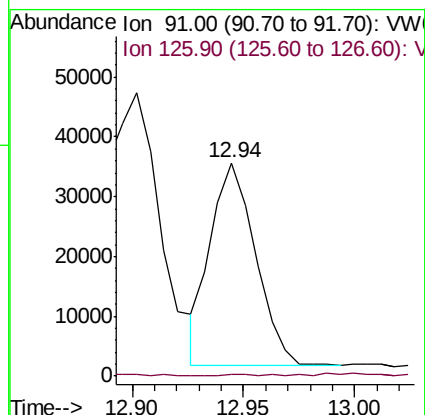
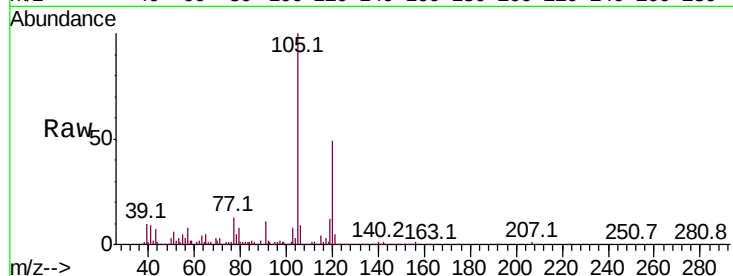




#82
4-Chlorotoluene
Concen: 1.973 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

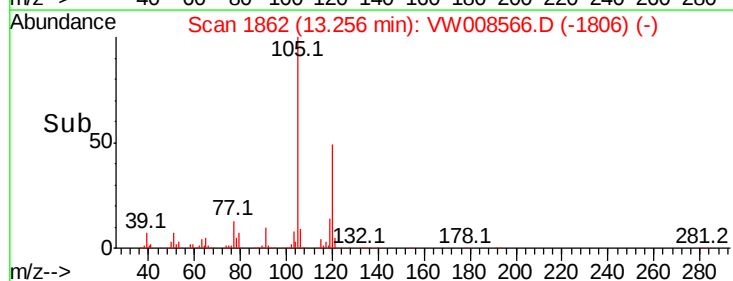
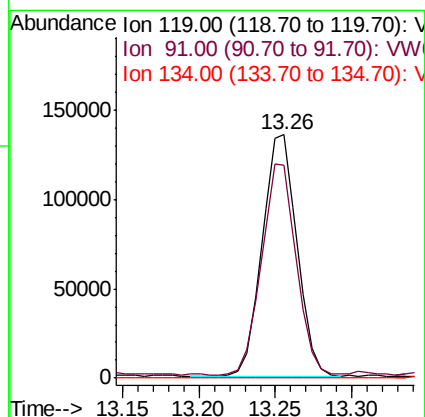
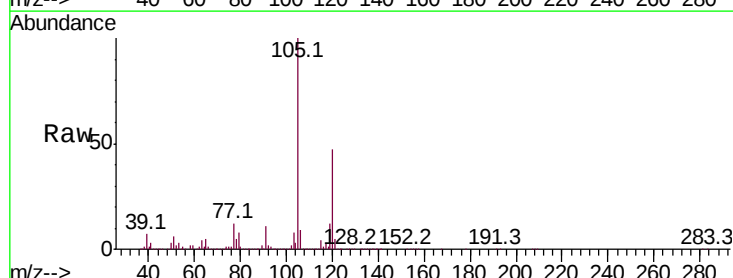
Instrument :
MSVOA_W
ClientSampled :
SB-09(0-2)

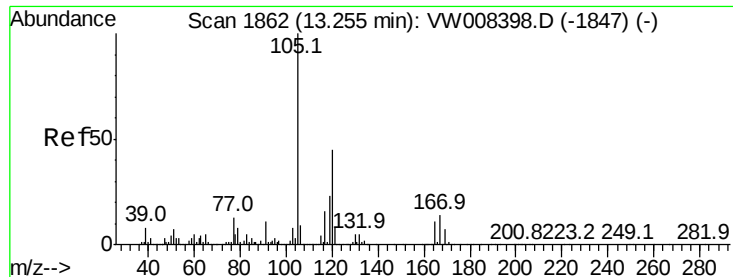
Tot Ion: 91 Resp: 47333
Ion Ratio Lower Upper
91 100
126 0.7 16.4 49.2#



#83
tert-Butylbenzene
Concen: 8.663 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW008566.D
Acq: 07 Feb 2019 21:17

Tgt Ion: 119 Resp: 214201
Ion Ratio Lower Upper
119 100
91 87.5 33.8 101.4
134 0.0 13.5 40.4#





#84

1,2,4-Trimethylbenzene

Concen: 62.353 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

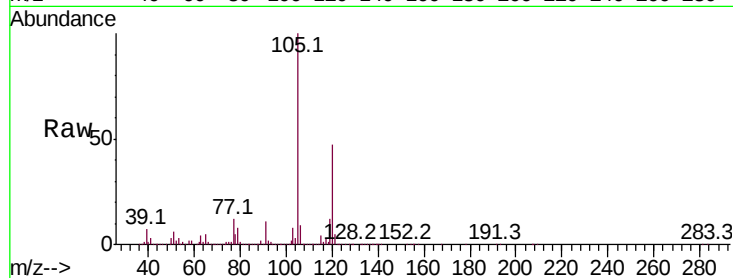
SB-09(0-2)

Tot Ion:105 Resp: 1761066

Ion Ratio Lower Upper

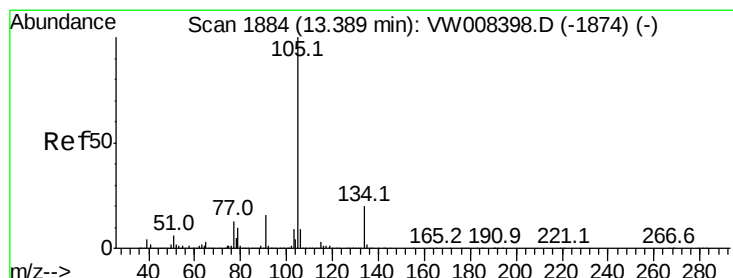
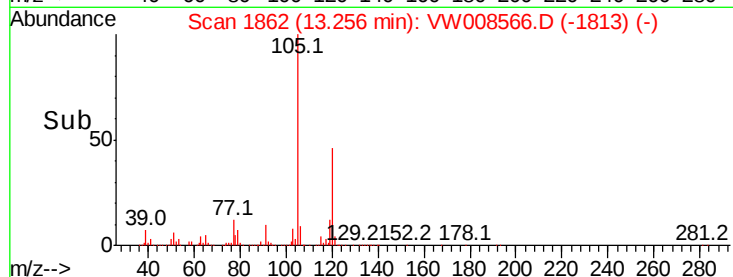
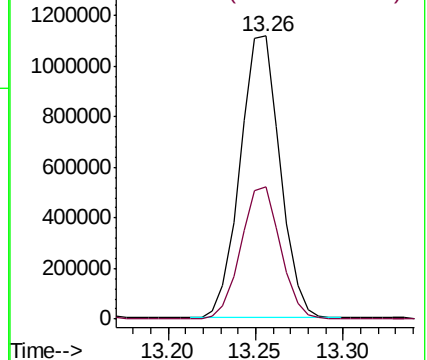
105 100

120 46.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.869 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.13 min

Lab File: VW008566.D

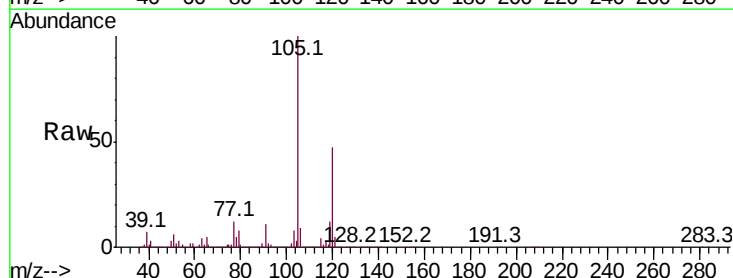
Acq: 07 Feb 2019 21:17

Tgt Ion:105 Resp: 1761066

Ion Ratio Lower Upper

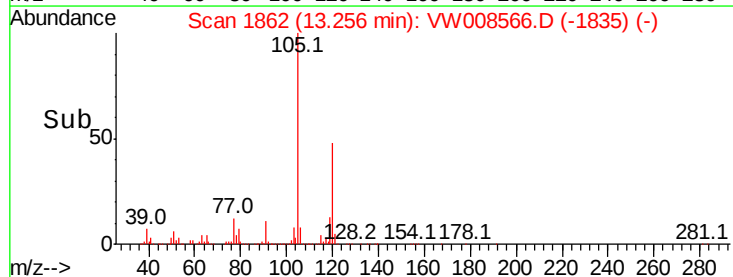
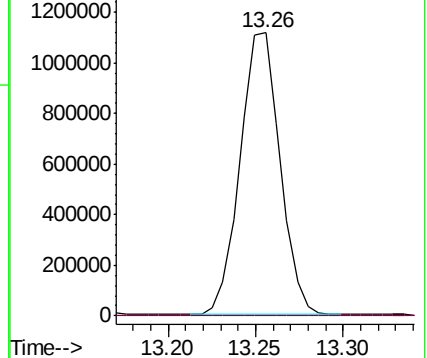
105 100

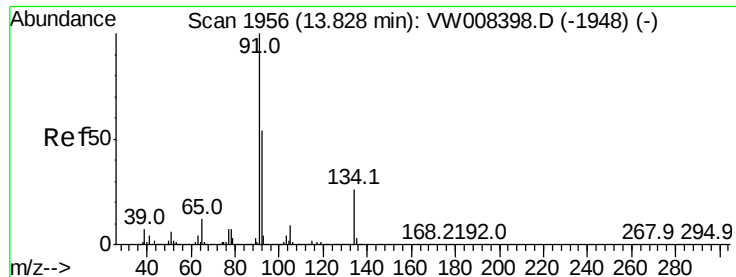
134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 6.110 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

SB-09(0-2)

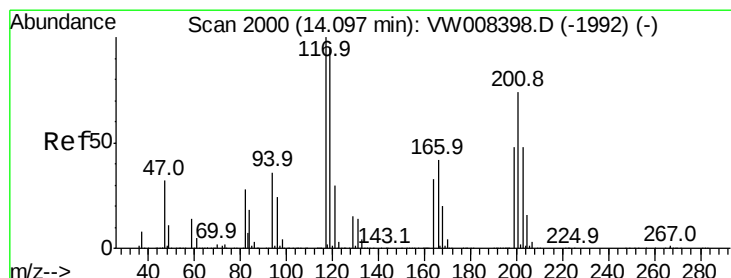
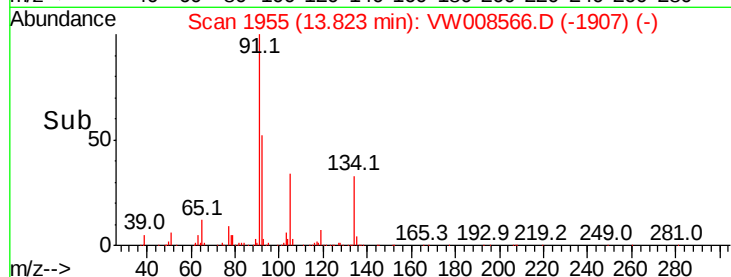
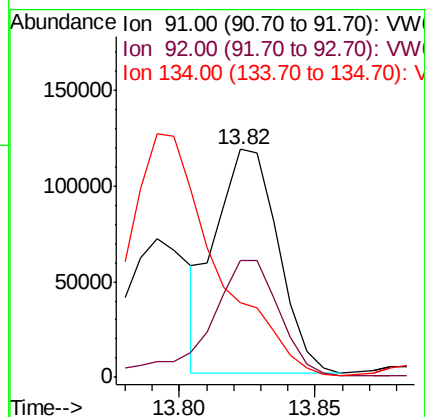
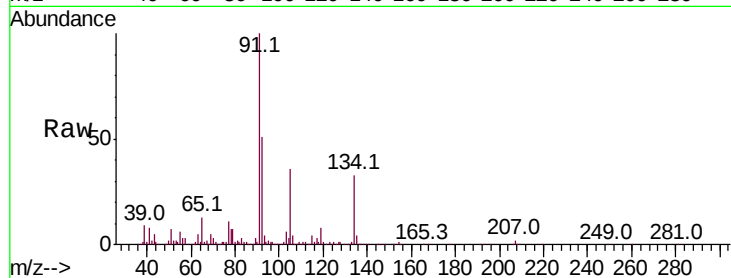
Tot Ion: 91 Resp: 185568

Ion Ratio Lower Upper

91 100

92 57.7 27.4 82.2

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 11.079 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008566.D

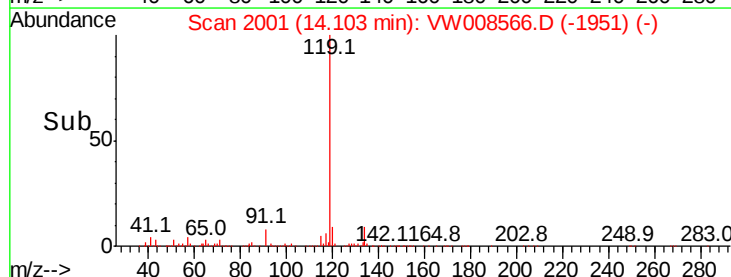
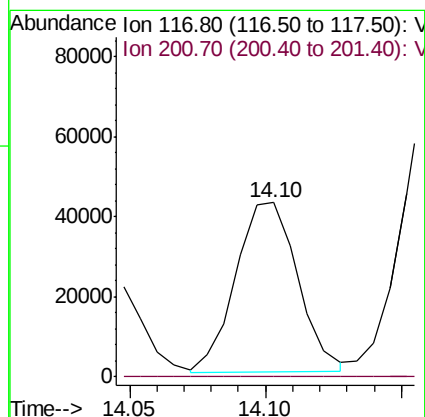
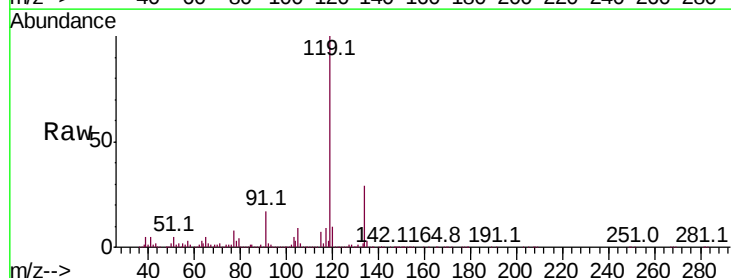
Acq: 07 Feb 2019 21:17

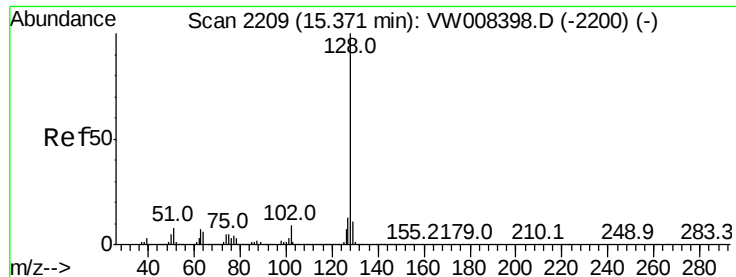
Tgt Ion: 117 Resp: 67019

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.5#





#95

Naphthalene

Concen: 108.988 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008566.D

Acq: 07 Feb 2019 21:17

Instrument :

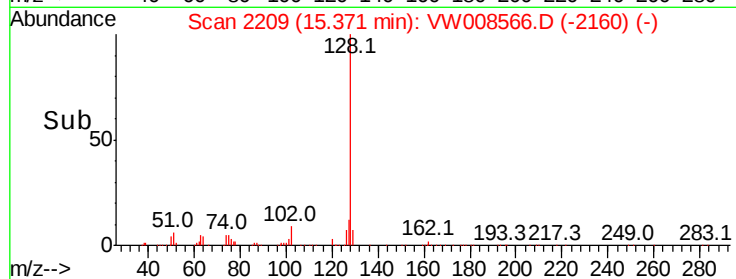
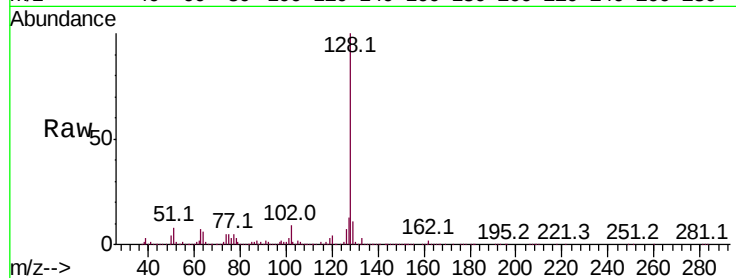
MSVOA_W

ClientSampleId :

SB-09(0-2)

Tot Ion:128 Resp: 1771754

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

