

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012299.D
 Acq On : 29 Aug 2019 13:28
 Operator : SY/VA
 Sample : K4510-11RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0RE

Quant Time: Aug 30 06:48:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	2530	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	3128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	1389	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	7.89	113	1397	74.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.64%	
50) Toluene-d8	10.33	98	2717	35.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.78%	
62) 4-Bromofluorobenzene	12.64	95	535	20.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	40.10%	

Target Compounds

						Qvalue
3) Chloromethane	2.22	50	109	4.516	ug/l #	71
6) Chloroethane	2.91	64	46	2.760	ug/l #	45
8) Diethyl Ether	3.70	74	28	1.989	ug/l	57
13) Acrolein	4.04	56	42	24.652	ug/l #	15
14) Allyl chloride	4.70	41	85	1.567	ug/l #	1
15) Acrylonitrile	5.49	53	28	4.012	ug/l #	17
16) Acetone	4.14	43	274	35.640	ug/l #	47
18) Methyl Acetate	4.66	43	85	4.464	ug/l #	57
20) Methylene Chloride	4.93	84	320	11.010	ug/l #	61
25) 2-Butanone	7.23	43	19	1.819	ug/l #	56
28) Bromochloromethane	7.63	49	26	1.089	ug/l #	24
29) Tetrahydrofuran	7.55	42	19	3.031	ug/l #	42
31) Cyclohexane	7.93	56	63	1.163	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	249	7.703	ug/l #	44
37) Ethyl Acetate	7.23	43	19	1.073	ug/l #	1
38) Carbon Tetrachloride	7.96	117	260	9.293	ug/l #	12
40) Benzene	8.40	78	324	3.671	ug/l #	51
41) Methacrylonitrile	7.48	41	52	4.995	ug/l #	48
48) Methyl methacrylate	9.48	41	49	3.138	ug/l #	19
51) 4-Methyl-2-Pentanone	10.23	43	46	2.756	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.90	63	19	1.701	ug/l #	50
59) 2-Hexanone	10.84	43	32	2.710	ug/l	84
68) m/p-Xylenes	11.85	106	18	1.048	ug/l #	1
74) N-amyl acetate	12.38	43	23	5.264	ug/l #	47
76) 1,2,3-Trichloropropane	12.63	75	282	150.025	ug/l #	100
78) n-propylbenzene	13.02	91	19	1.076	ug/l #	55
79) 2-Chlorotoluene	13.02	91	19	1.896	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.63	75	282	328.936	ug/l #	6
82) 4-Chlorotoluene	13.02	91	19	1.810	ug/l #	43
83) tert-Butylbenzene	13.20	119	22	2.149	ug/l #	24
89) n-Butylbenzene	14.02	91	24	1.843	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.55	75	43	96.205	ug/l #	5

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QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

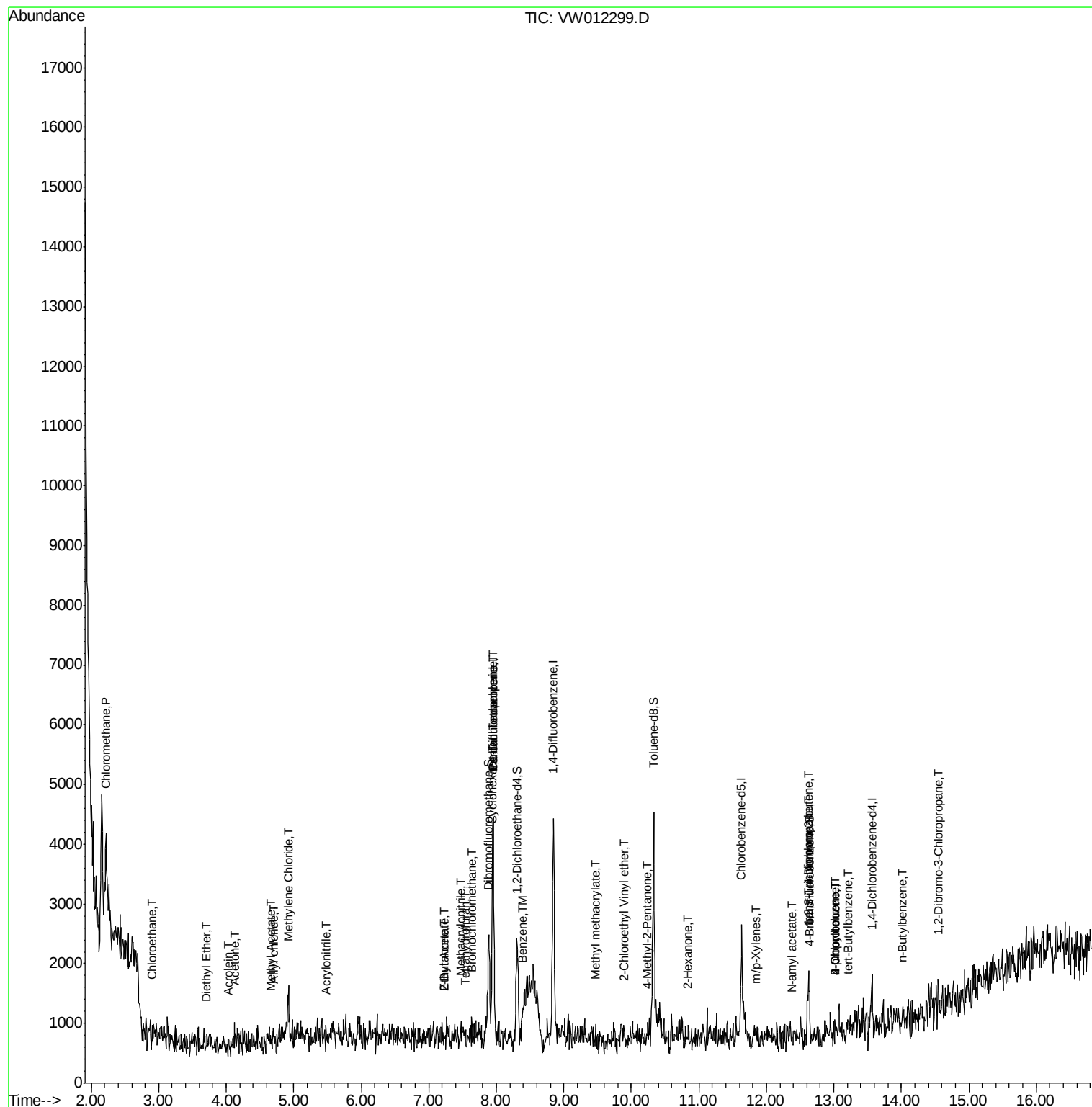
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

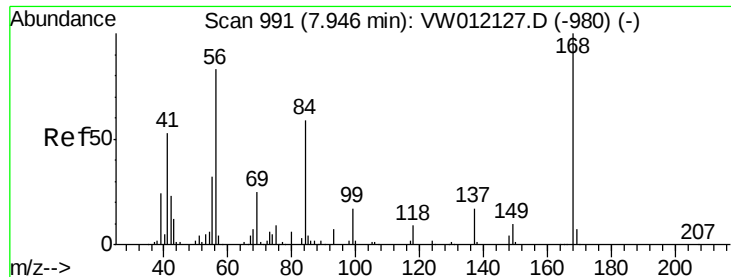
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

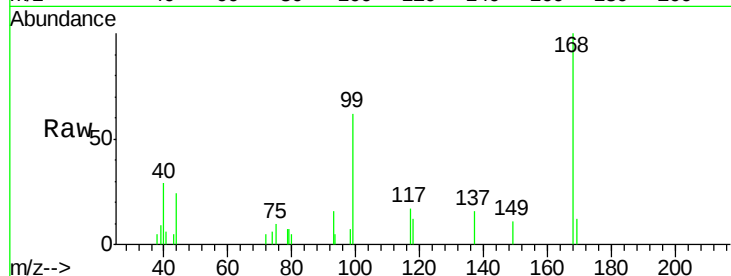
SB-13-6.5-7.0RE

Tot Ion:168 Resp: 2530

Ion Ratio Lower Upper

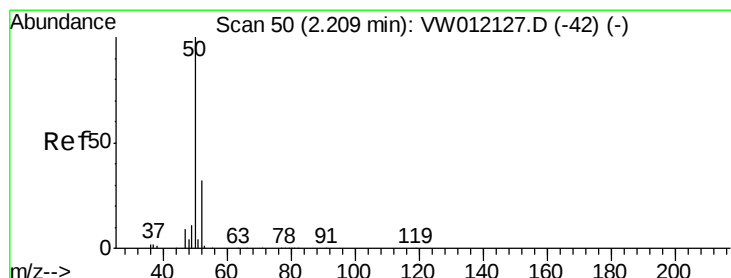
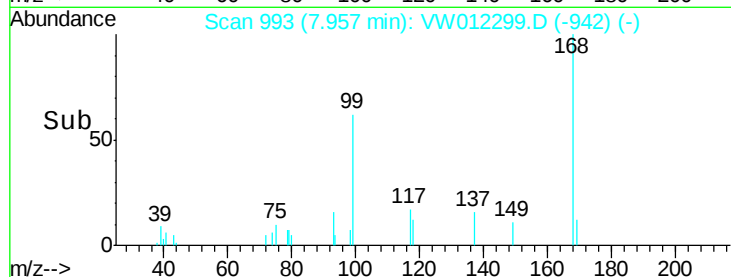
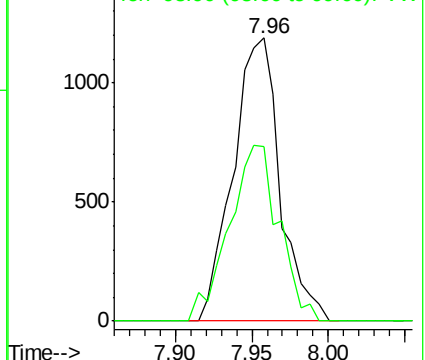
168 100

99 61.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 4.516 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW012299.D

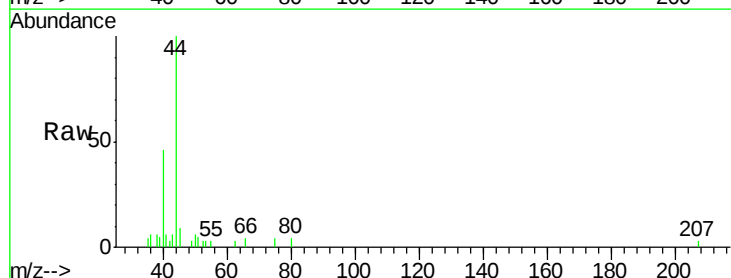
Acq: 29 Aug 2019 13:28

Tgt Ion: 50 Resp: 109

Ion Ratio Lower Upper

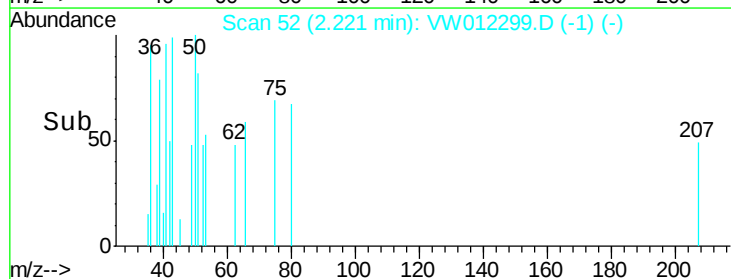
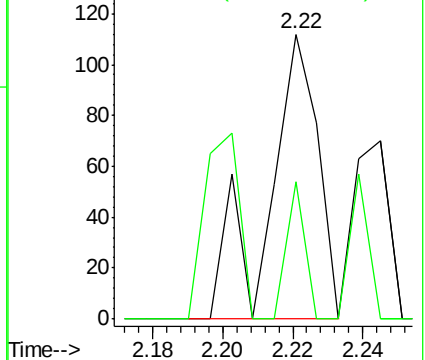
50 100

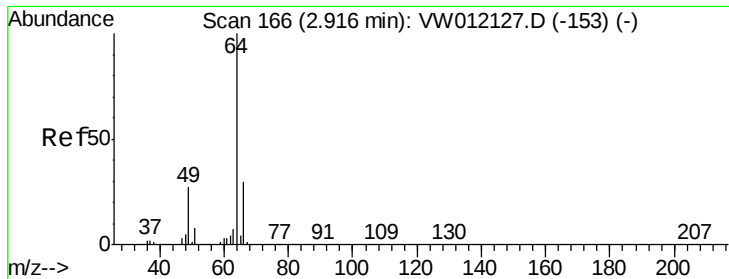
52 48.2 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#6

Chloroethane

Concen: 2.760 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

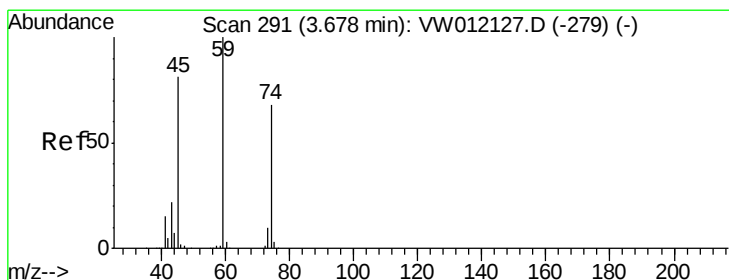
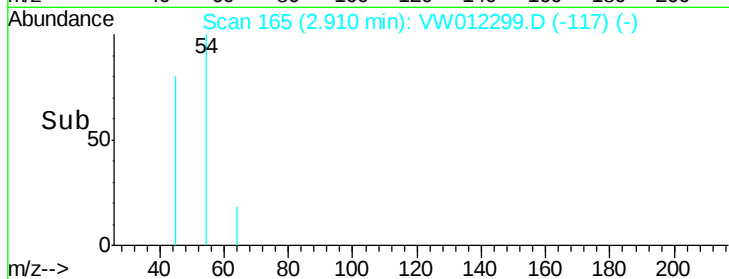
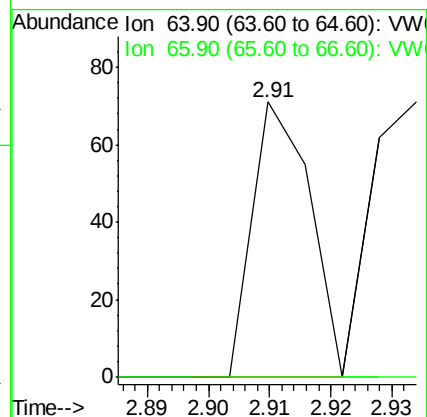
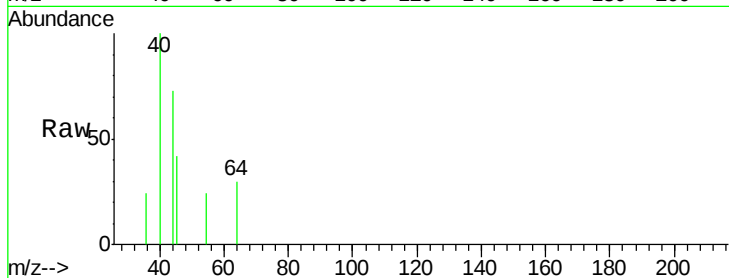
SB-13-6.5-7.0RE

Tot Ion: 64 Resp: 46

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#8

Diethyl Ether

Concen: 1.989 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.02 min

Lab File: VW012299.D

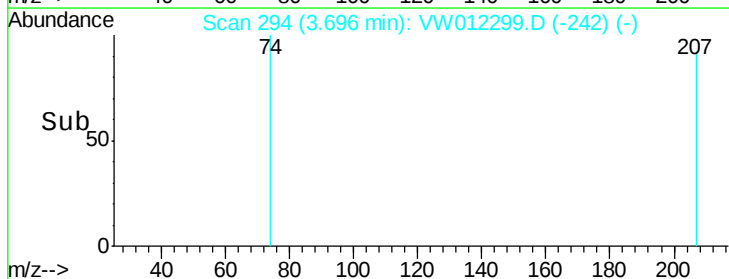
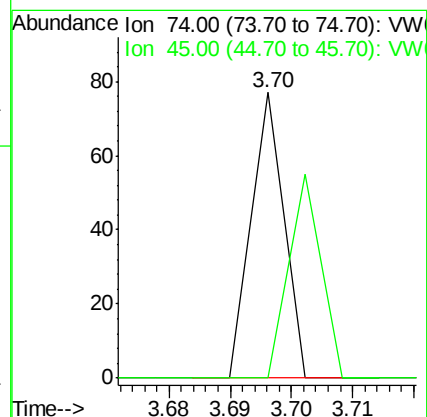
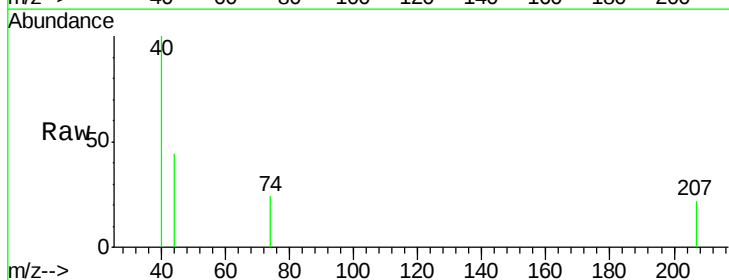
Acq: 29 Aug 2019 13:28

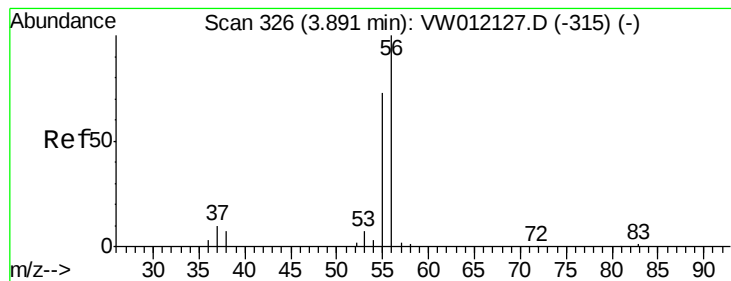
Tgt Ion: 74 Resp: 28

Ion Ratio Lower Upper

74 100

45 71.4 59.2 177.6





#13

Acrolein

Concen: 24.652 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.15 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

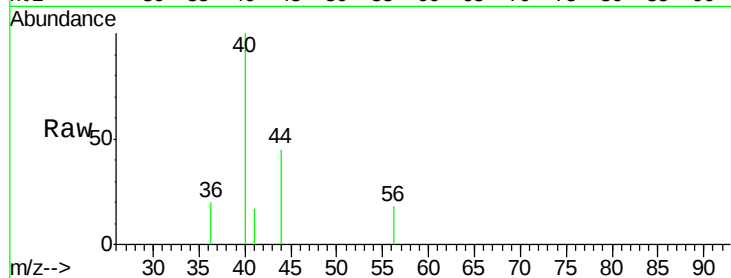
SB-13-6.5-7.0RE

Tot Ion: 56 Resp: 42

Ion Ratio Lower Upper

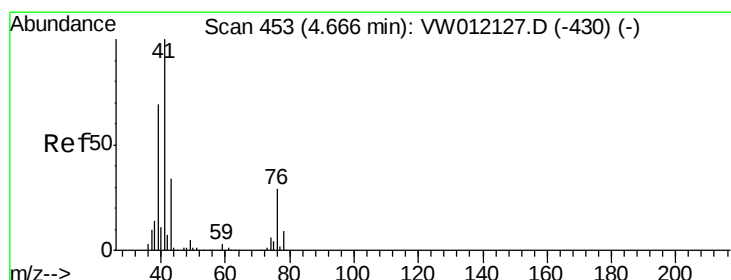
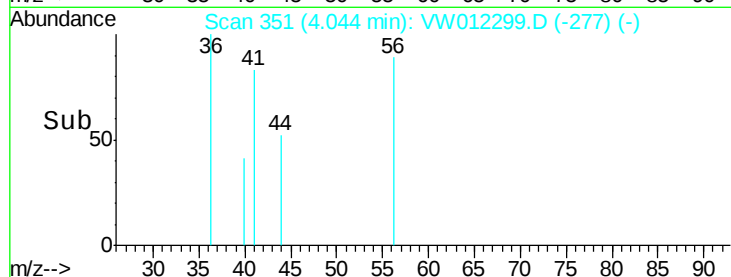
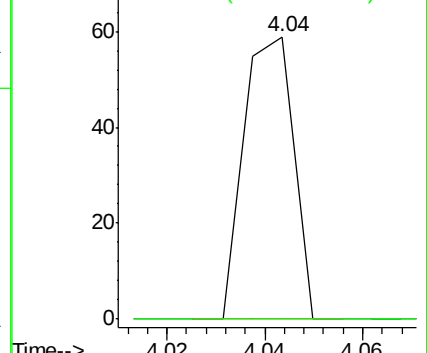
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 1.567 ug/l

RT: 4.70 min Scan# 459

Delta R.T. 0.04 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

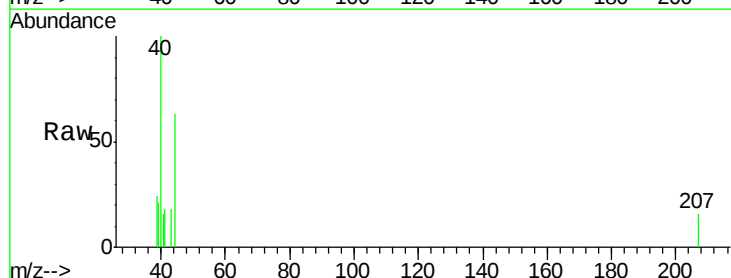
Tgt Ion: 41 Resp: 85

Ion Ratio Lower Upper

41 100

39 170.6 53.4 80.2#

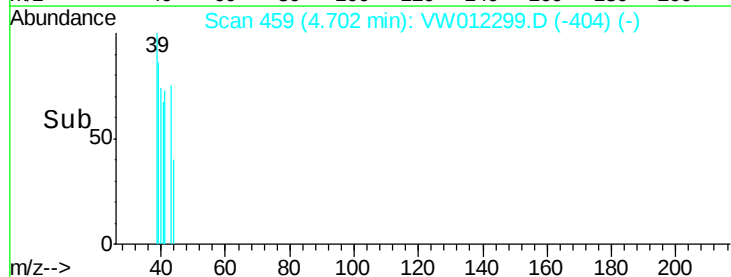
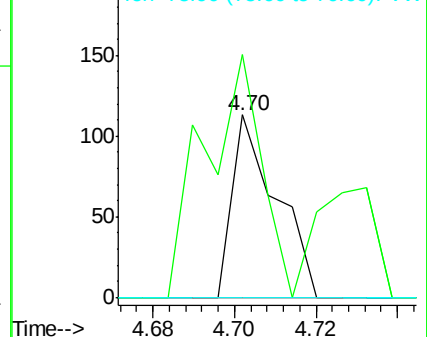
76 0.0 22.1 33.1#

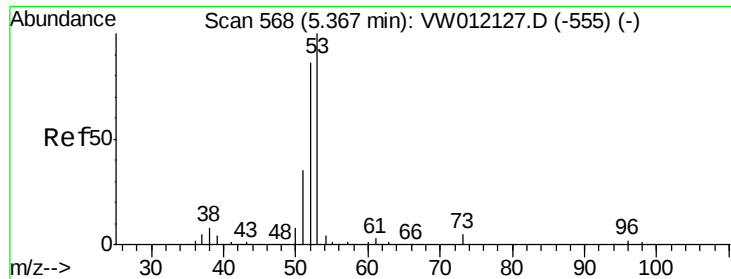


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 4.012 ug/l

RT: 5.49 min Scan# 588

Delta R.T. 0.12 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

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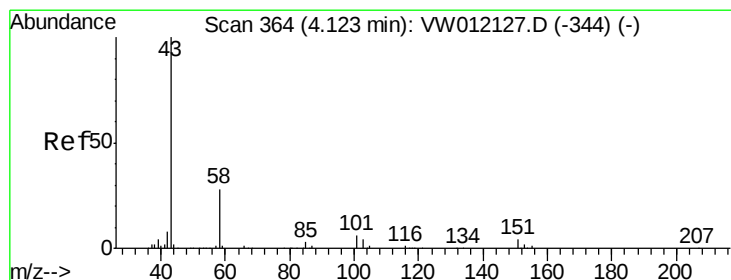
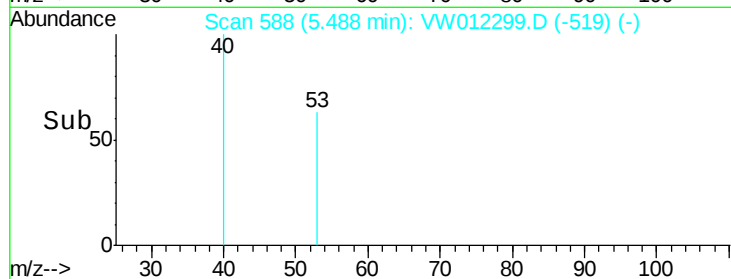
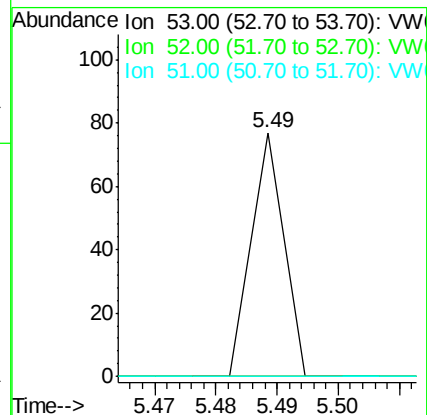
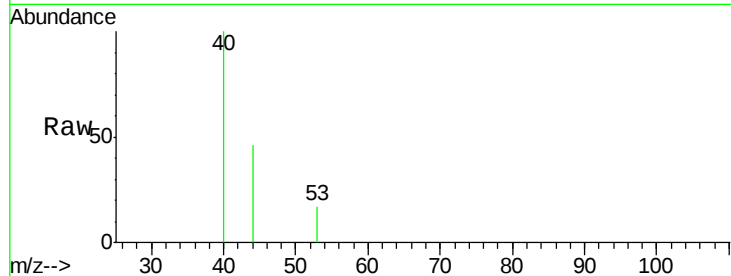
Tot Ion: 53 Resp: 28

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

51 0.0 30.1 45.1#



#16

Acetone

Concen: 35.640 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012299.D

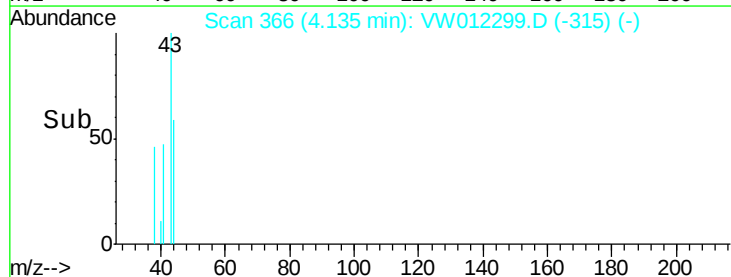
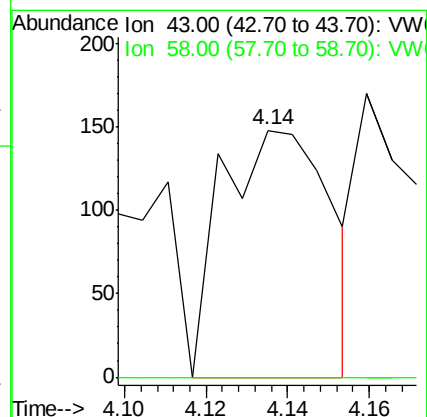
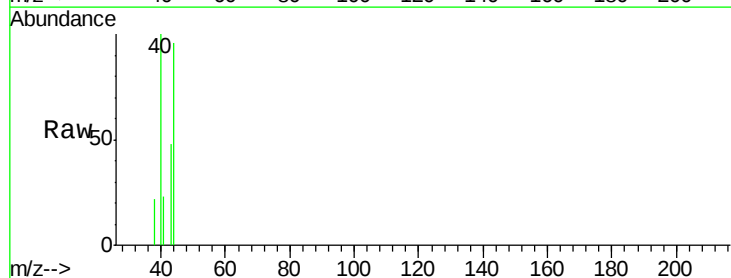
Acq: 29 Aug 2019 13:28

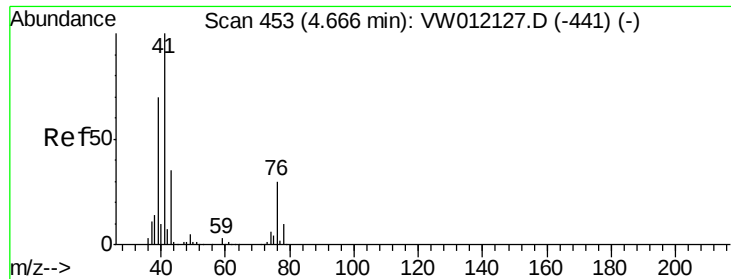
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

58 0.0 22.4 33.6#

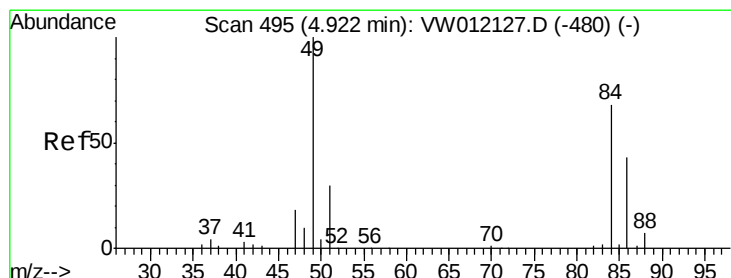
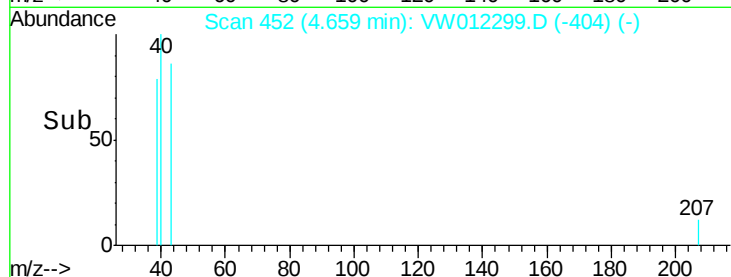
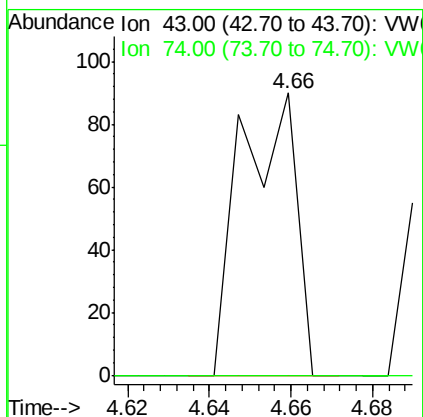
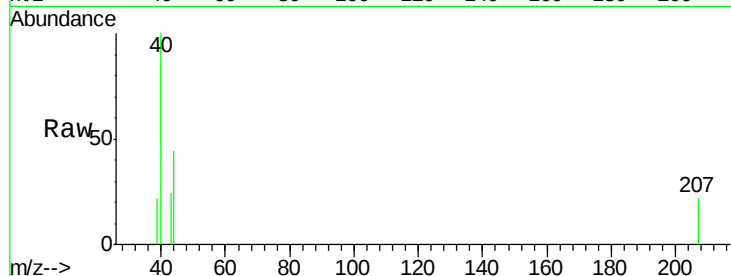




#18
Methyl Acetate
Concen: 4.464 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

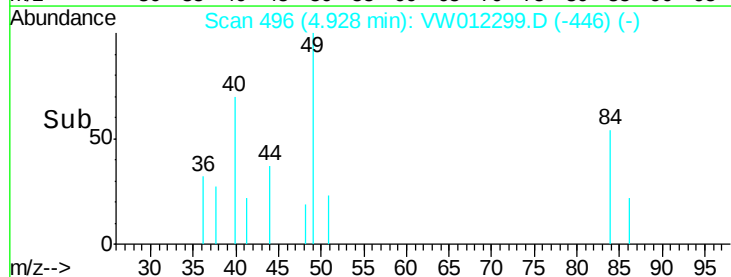
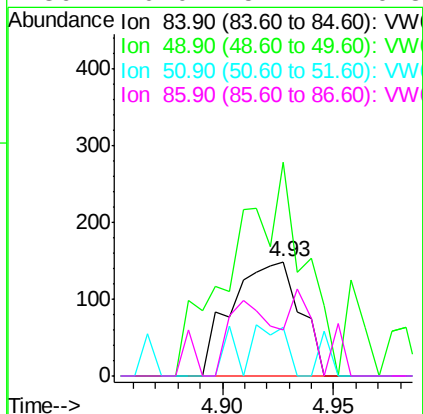
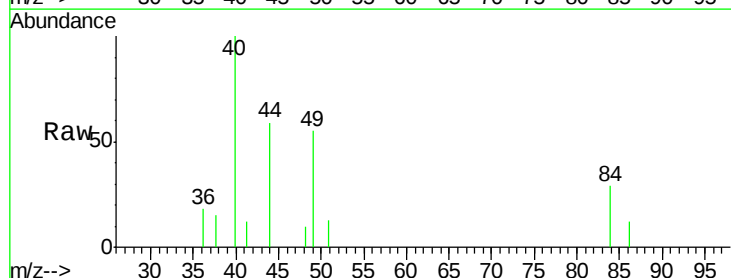
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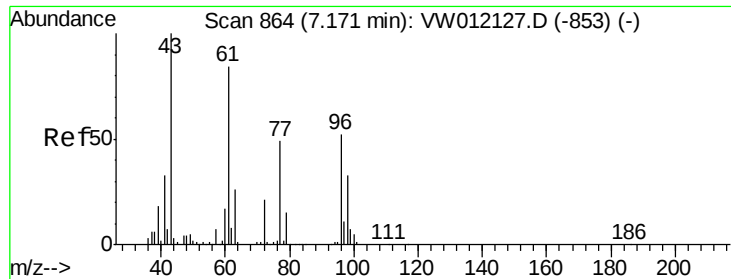
Tot Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 11.010 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion: 84 Resp: 320
Ion Ratio Lower Upper
84 100
49 186.6 117.8 176.8#
51 43.0 35.6 53.4
86 0.0 51.2 76.8#





#25

2-Butanone

Concen: 1.819 ug/l

RT: 7.23 min Scan# 874

Delta R.T. 0.06 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

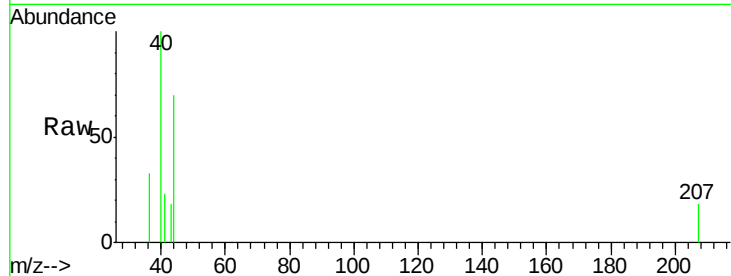
SB-13-6.5-7.0RE

Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#

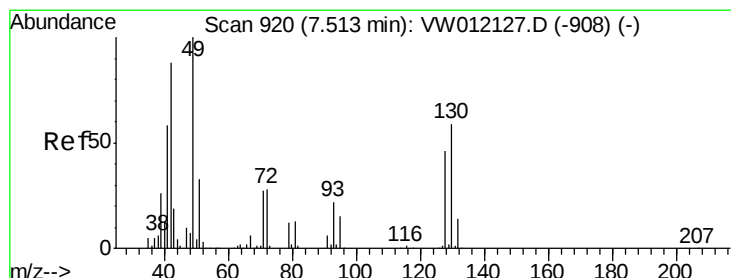
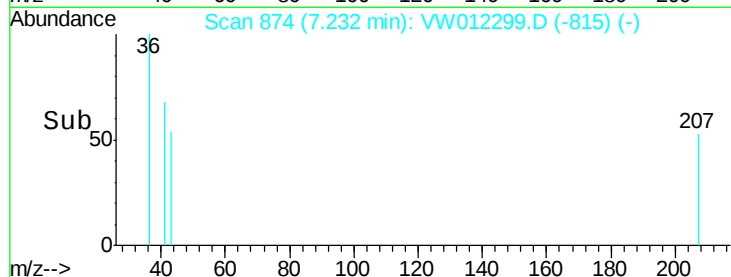


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.23

Time--> 7.21 7.22 7.23 7.24 7.25



#28

Bromochloromethane

Concen: 1.089 ug/l

RT: 7.63 min Scan# 940

Delta R.T. 0.12 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

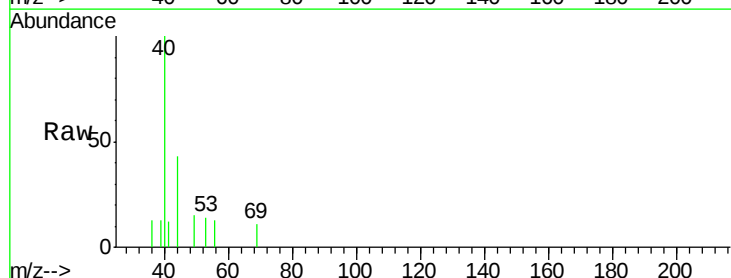
Tgt Ion: 49 Resp: 26

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.4

130 0.0 45.5 68.3#



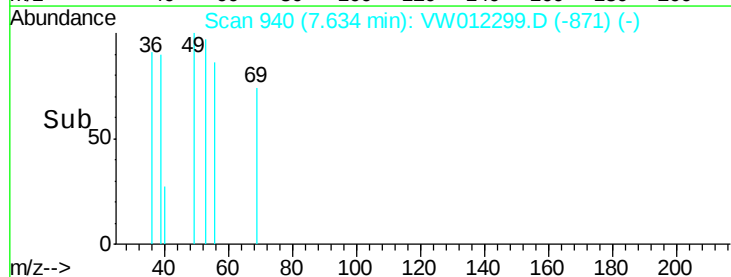
Abundance Ion 48.90 (48.60 to 49.60): VW

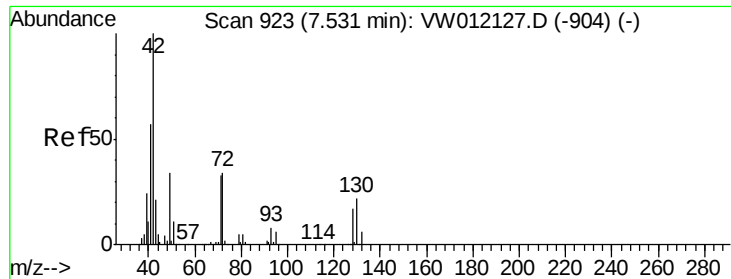
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

7.63

Time--> 7.61 7.62 7.63 7.64 7.65

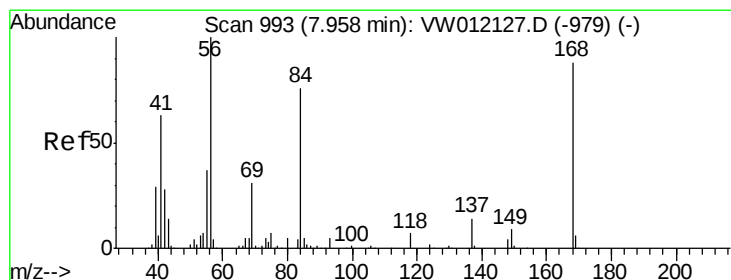
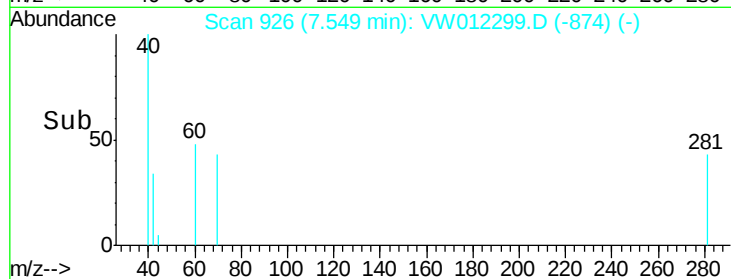
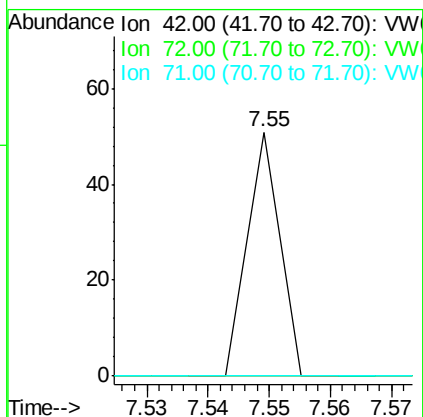
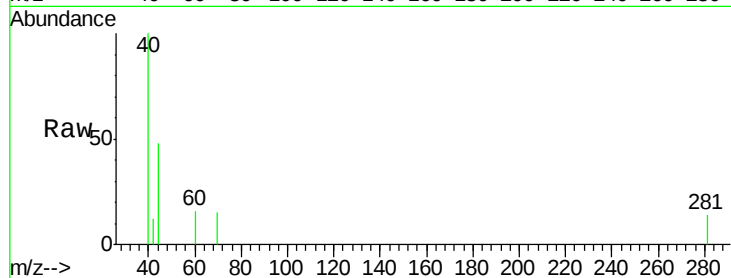




#29
Tetrahydrofuran
Concen: 3.031 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

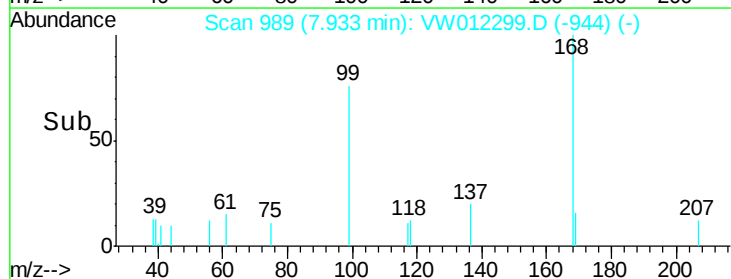
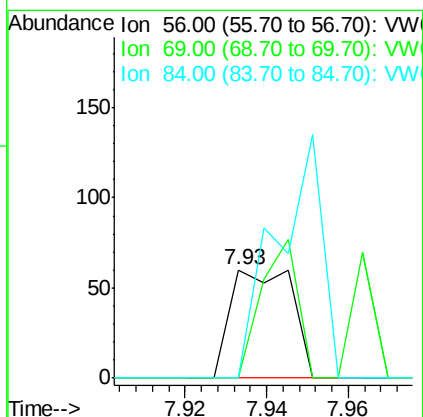
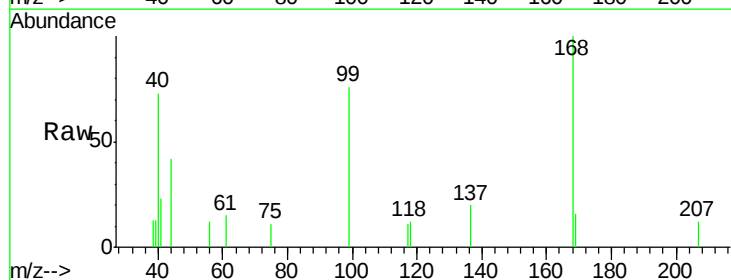
Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0RE

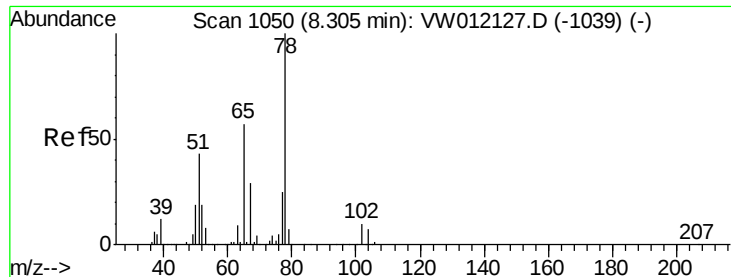
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.3	40.9#
71	0.0	25.5	38.3#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.9	37.3#
84	0.0	60.6	90.8#





#33

1,2-Dichloroethane-d4

Concen: 46.184 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

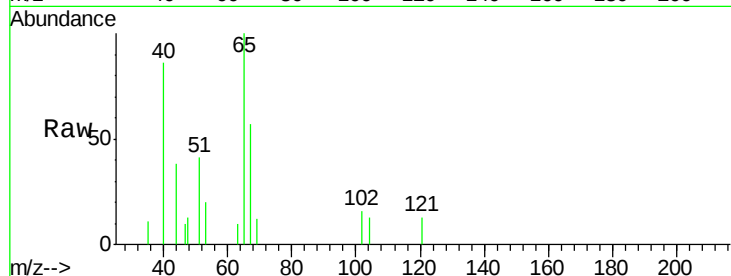
SB-13-6.5-7.0RE

Tot Ion: 65 Resp: 1389

Ion Ratio Lower Upper

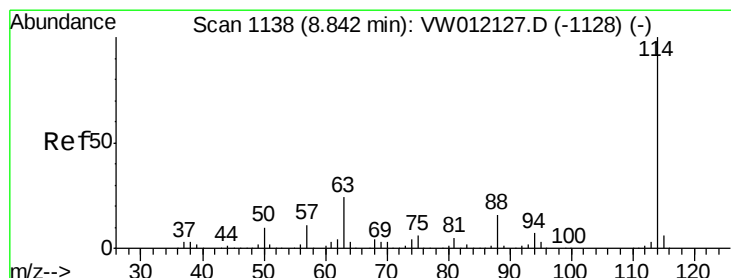
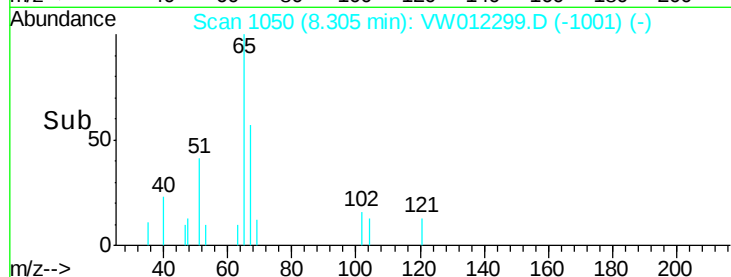
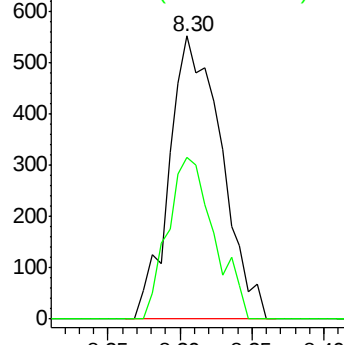
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

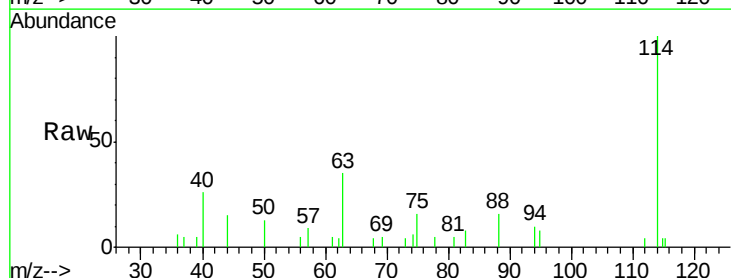
Tgt Ion: 114 Resp: 3128

Ion Ratio Lower Upper

114 100

63 34.5 0.0 48.6

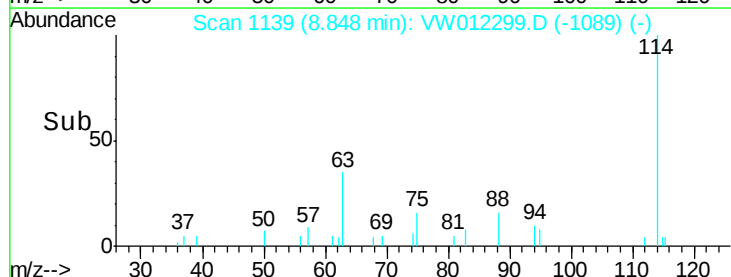
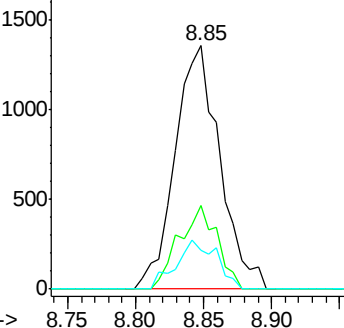
88 16.2 0.0 32.2

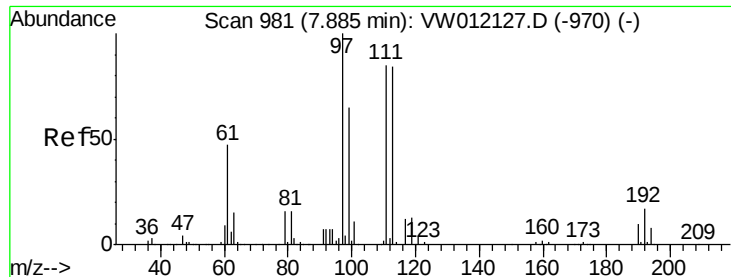


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

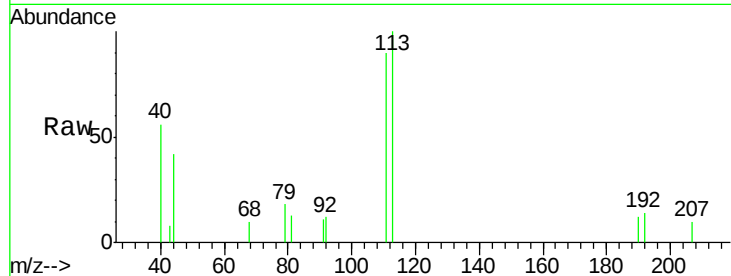




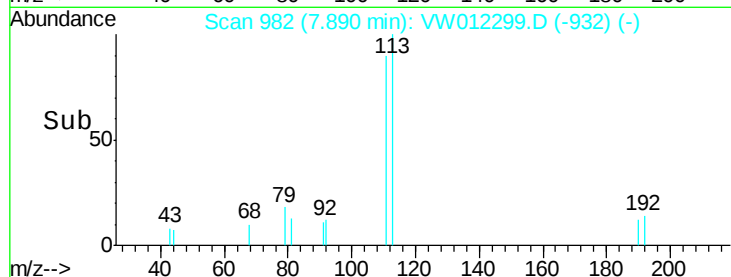
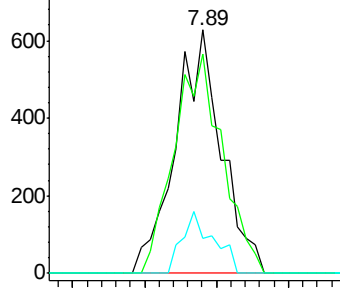
#35
 Dibromofluoromethane
 Concen: 74.821 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0RE

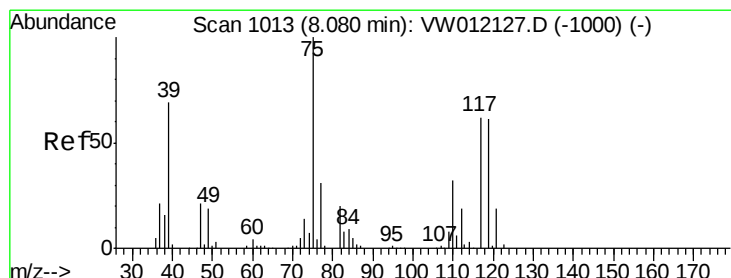
Tot Ion	Ratio	Lower	Upper
113	100		
111	93.8	82.7	124.1
192	17.0	16.2	24.2



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

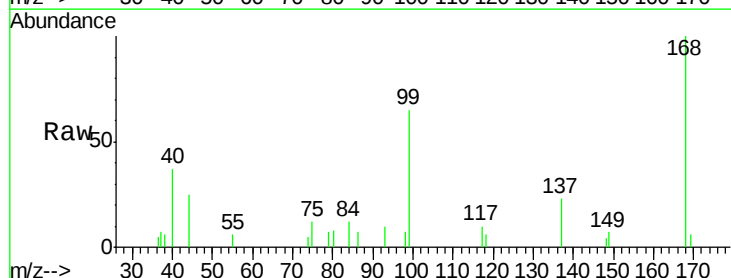


Time-->

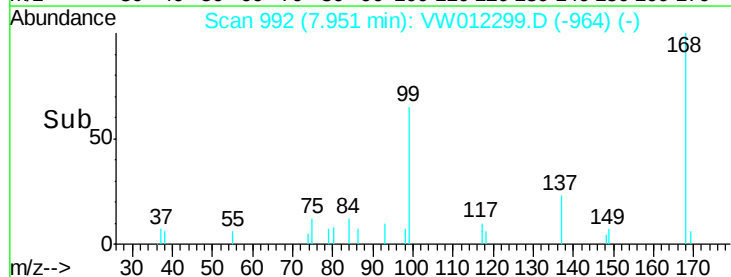
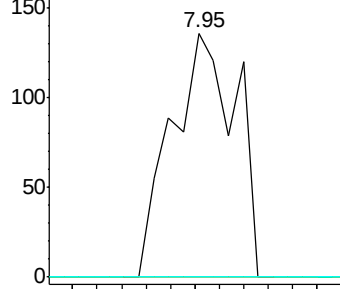


#36
 1,1-Dichloropropene
 Concen: 7.703 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

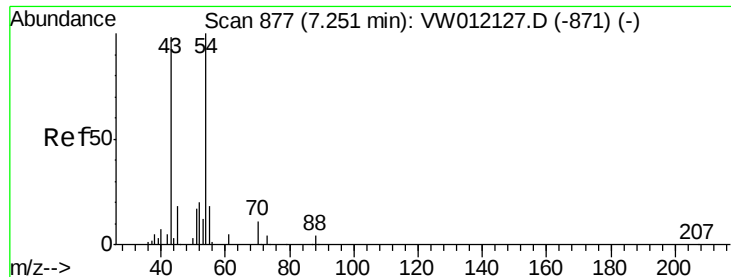
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.6	46.8#
77	0.0	24.6	36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW



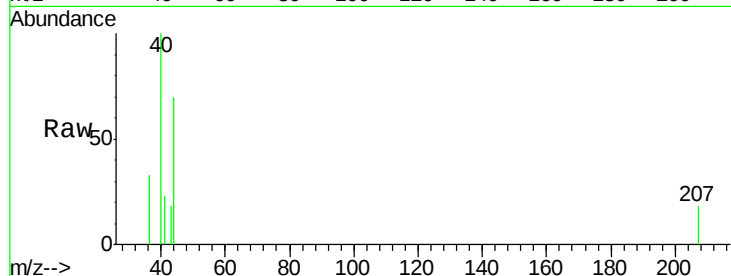
Time-->



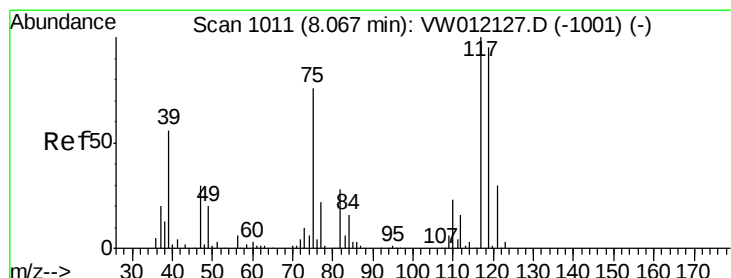
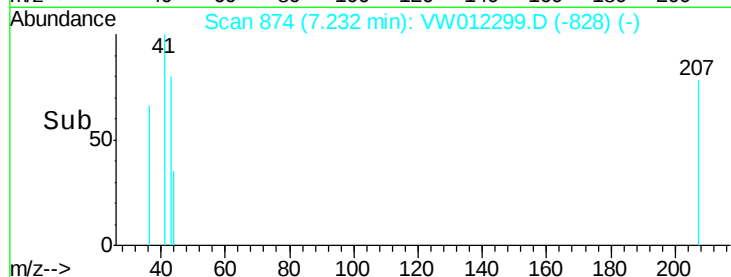
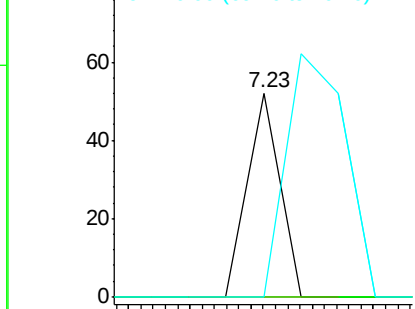
#37
Ethyl Acetate
Concen: 1.073 ug/l
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0RE

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.2	13.8#
70	221.1	6.9	10.3#

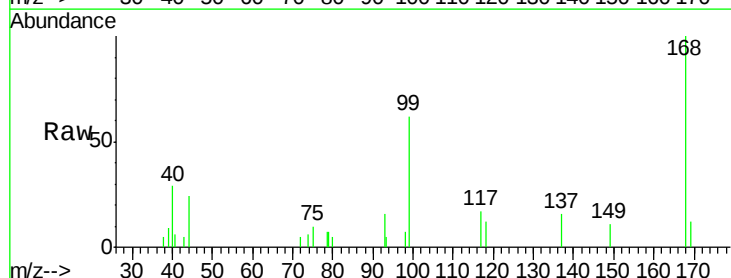


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

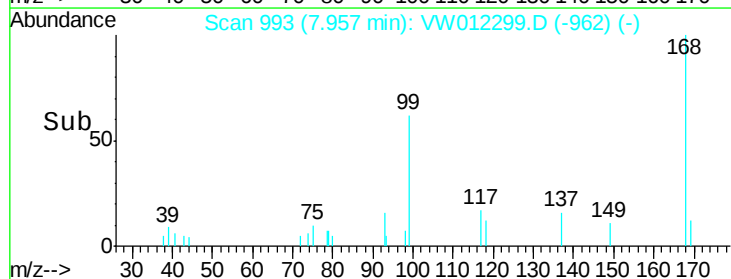
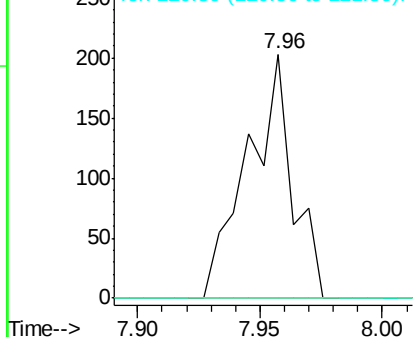


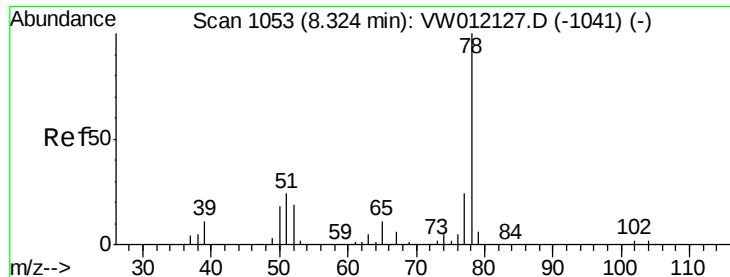
#38
Carbon Tetrachloride
Concen: 9.293 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
121	0.0	23.8	35.8#



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





#40

Benzene

Concen: 3.671 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.07 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

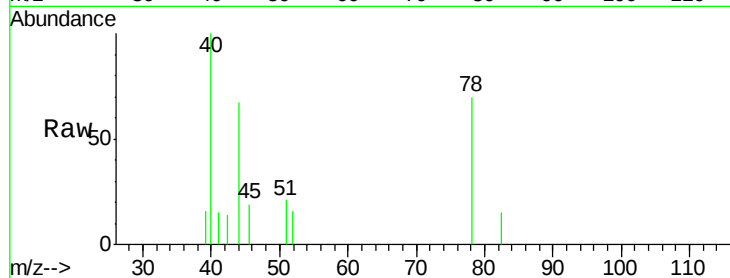
SB-13-6.5-7.0RE

Tot Ion: 78 Resp: 324

Ion Ratio Lower Upper

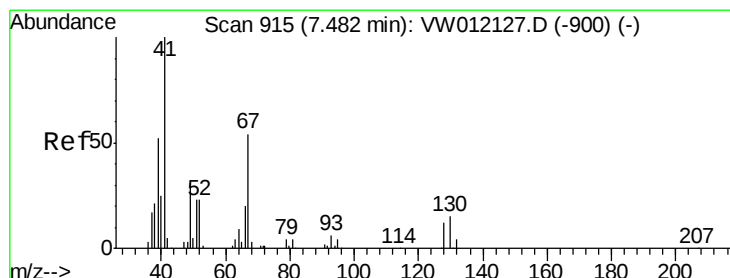
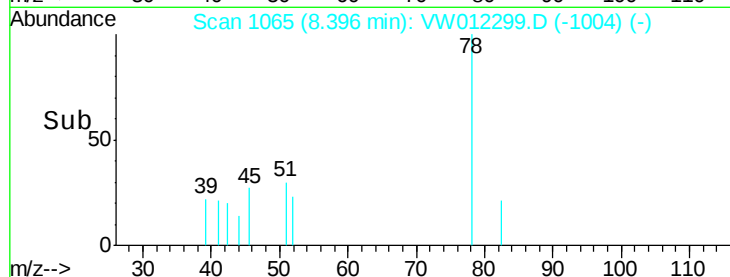
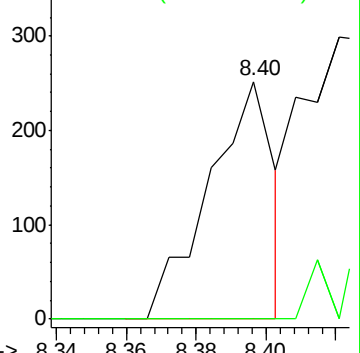
78 100

77 0.0 19.5 29.3#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#41

Methacrylonitrile

Concen: 4.995 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Tgt Ion: 41 Resp: 52

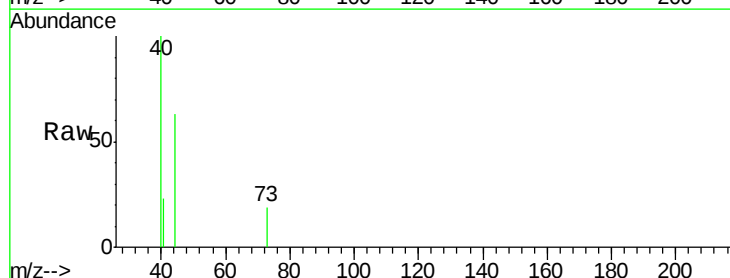
Ion Ratio Lower Upper

41 100

39 38.5 45.8 68.8#

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#

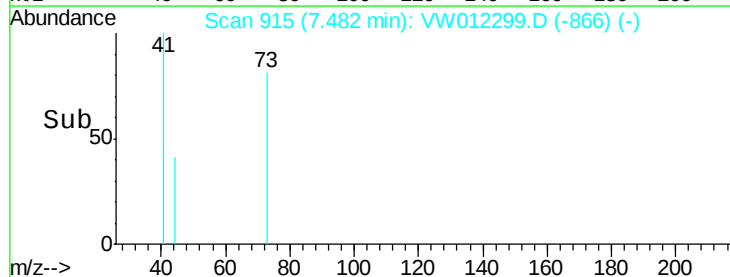
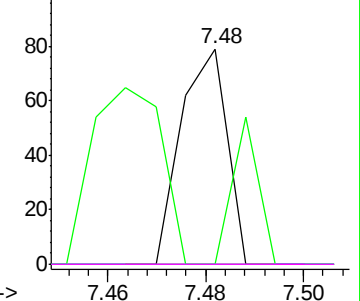


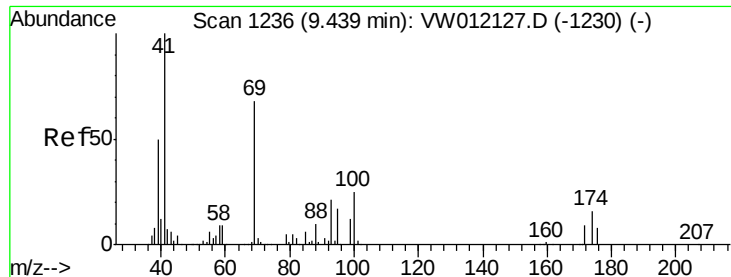
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

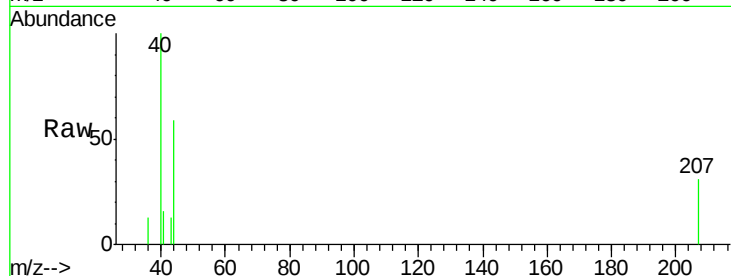




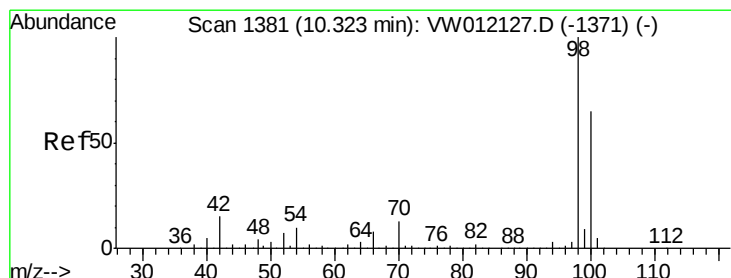
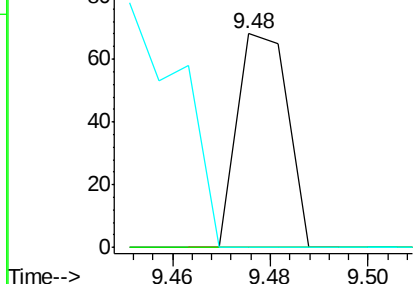
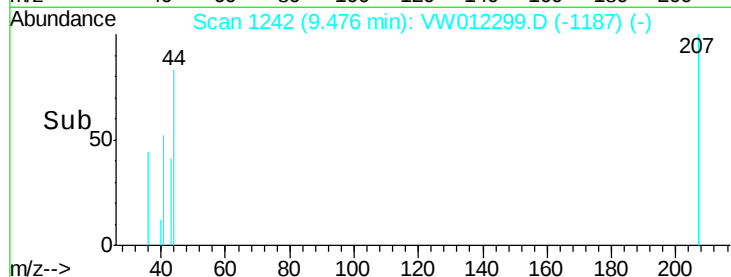
#48
Methvl methacrylate
Concen: 3.138 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Instrument :
MSVOA_W
ClientSampled :
SB-13-6.5-7.0RE

Tot Ion: 41 Resp: 49
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.0 63.0#

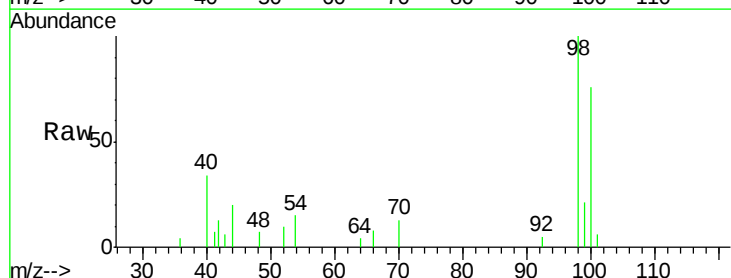


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

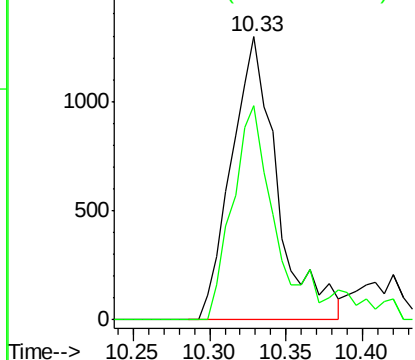
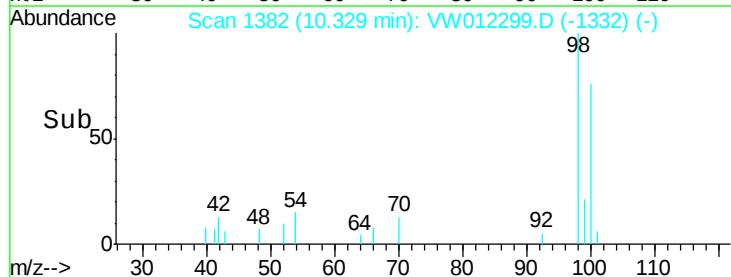


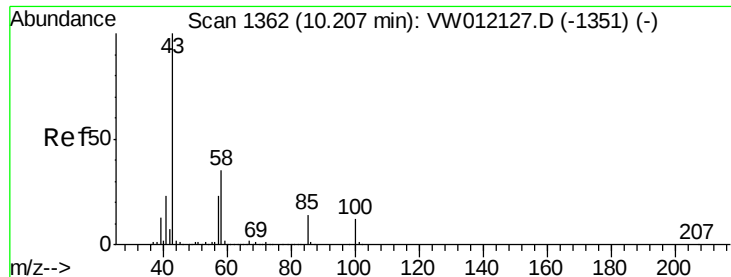
#50
Toluene-d8
Concen: 35.889 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion: 98 Resp: 2717
Ion Ratio Lower Upper
98 100
100 69.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 2.756 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

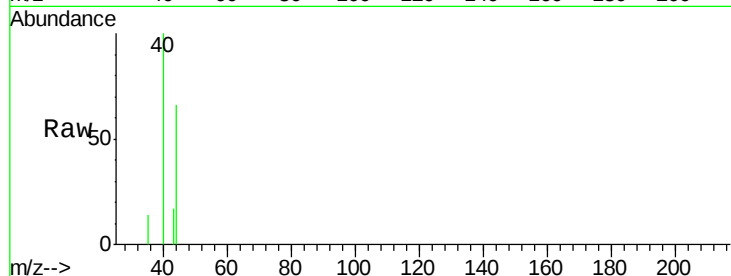
SB-13-6.5-7.0RE

Tot Ion: 43 Resp: 46

Ion Ratio Lower Upper

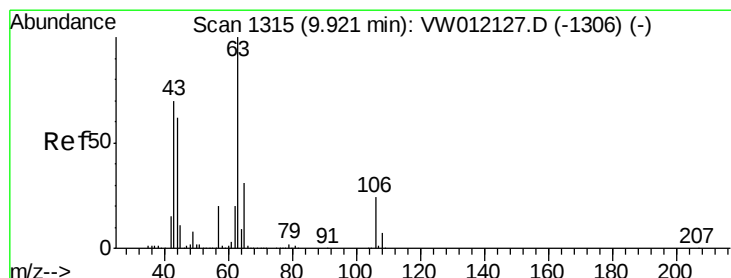
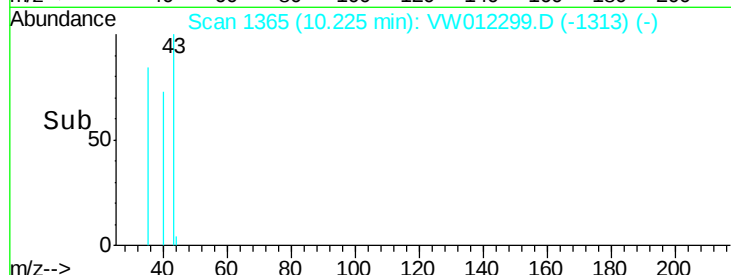
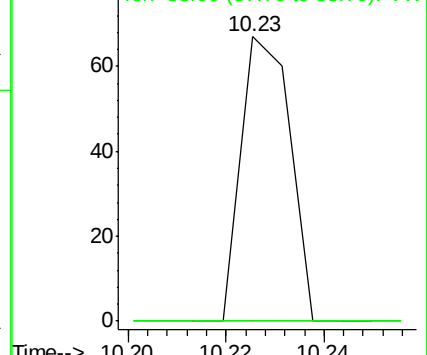
43 100

58 0.0 28.2 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.701 ug/l

RT: 9.90 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VW012299.D

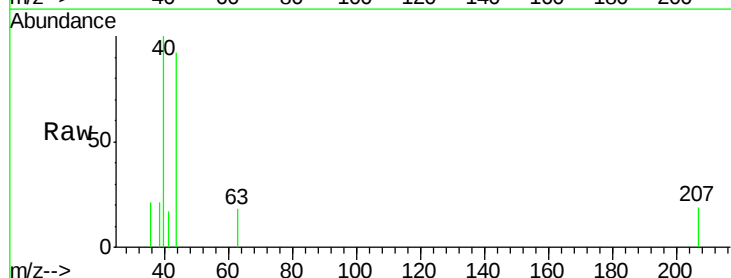
Acq: 29 Aug 2019 13:28

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

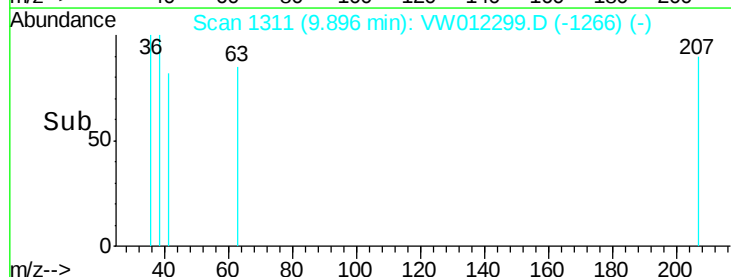
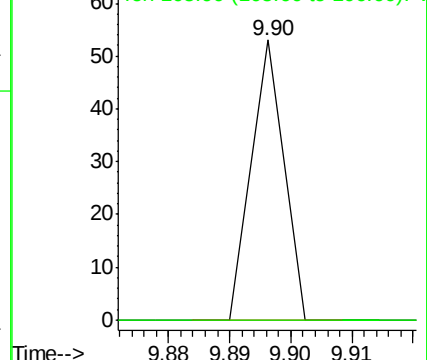
63 100

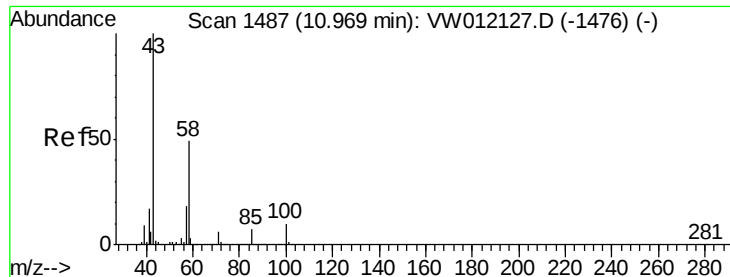
106 0.0 19.8 29.8#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

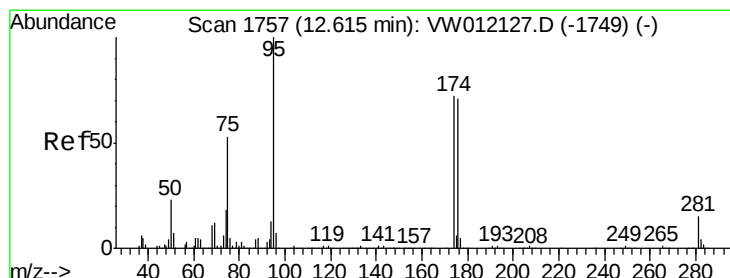
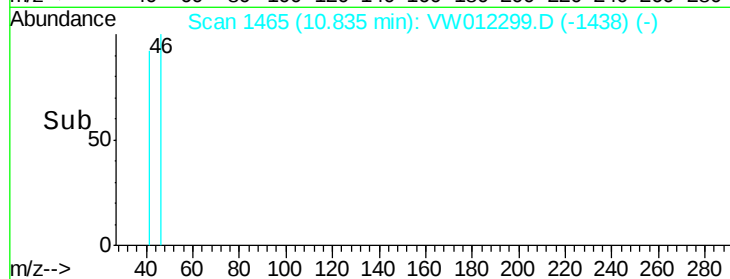
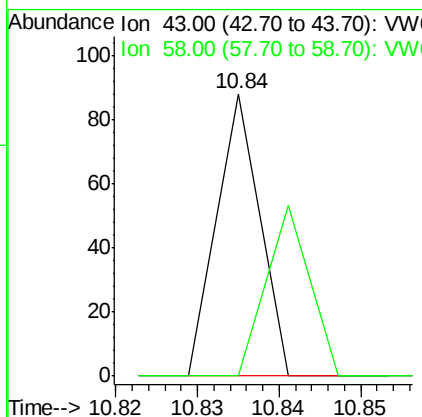
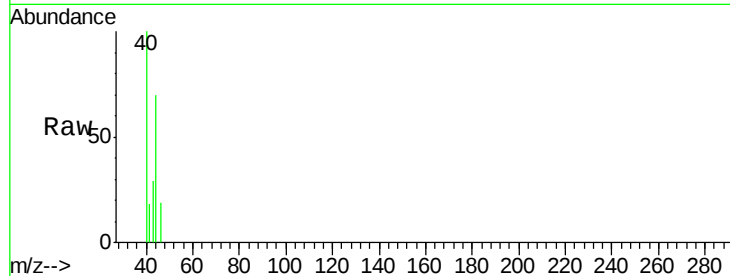




#59
2-Hexanone
Concen: 2.710 ug/l
RT: 10.84 min Scan# 1465
Delta R.T. -0.13 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

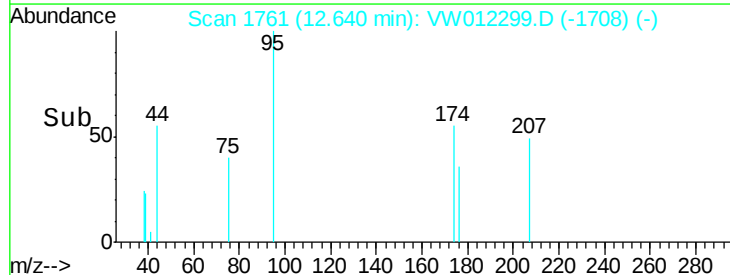
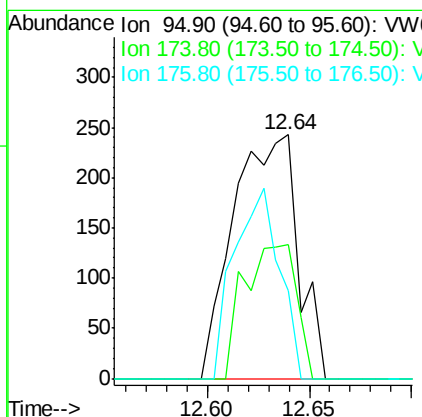
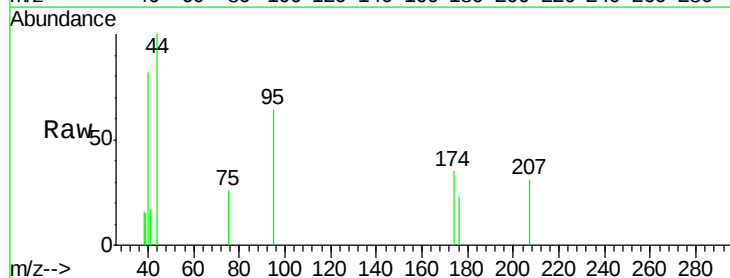
Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0RE

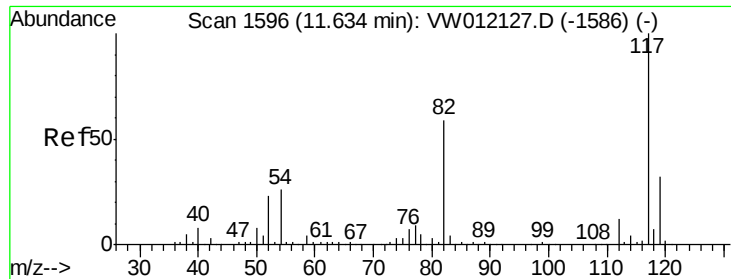
Tot Ion: 43 Resp: 32
Ion Ratio Lower Upper
43 100
58 59.4 24.3 72.9



#62
4-Bromofluorobenzene
Concen: 20.048 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. 0.02 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion: 95 Resp: 535
Ion Ratio Lower Upper
95 100
174 44.3 0.0 150.8
176 54.6 0.0 148.6

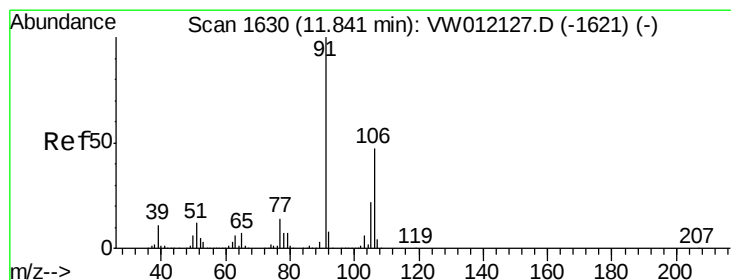
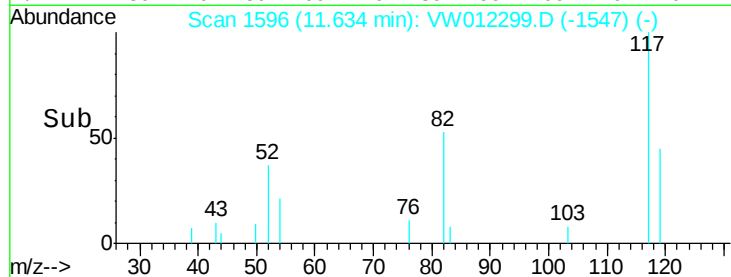
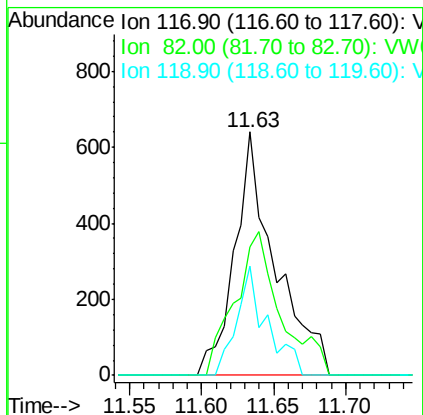
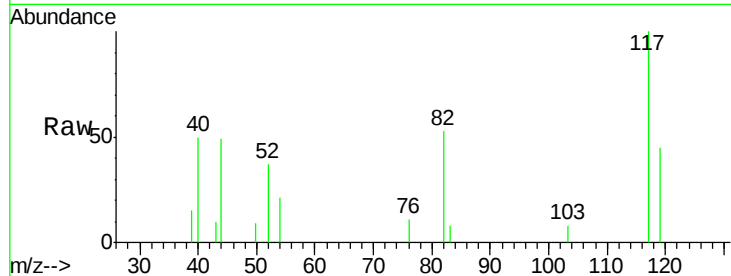




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

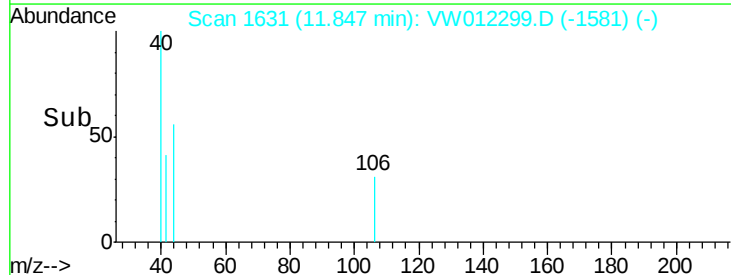
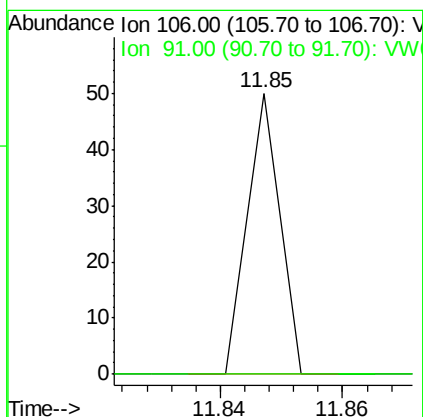
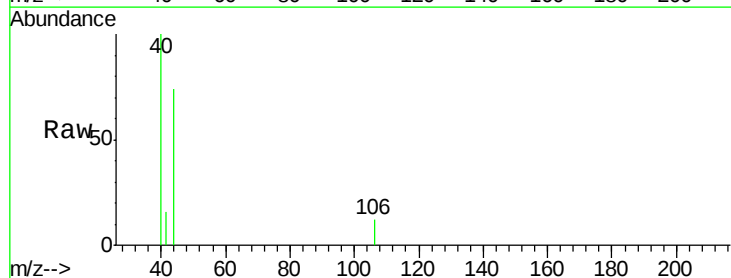
Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0RE

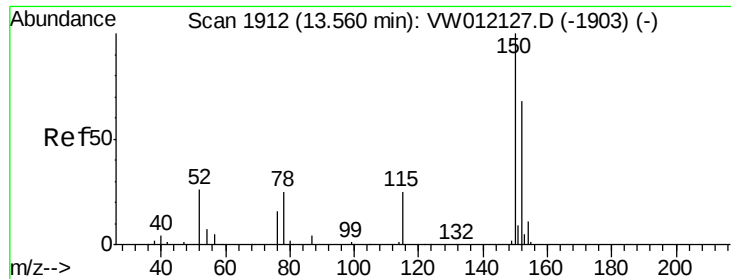
Tot Ion:117 Resp: 1257
Ion Ratio Lower Upper
117 100
82 52.7 47.4 71.2
119 44.6 25.4 38.2#



#68
m/p-Xylenes
Concen: 1.048 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW012299.D
Acq: 29 Aug 2019 13:28

Tgt Ion:106 Resp: 18
Ion Ratio Lower Upper
106 100
91 0.0 169.5 254.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

SB-13-6.5-7.0RE

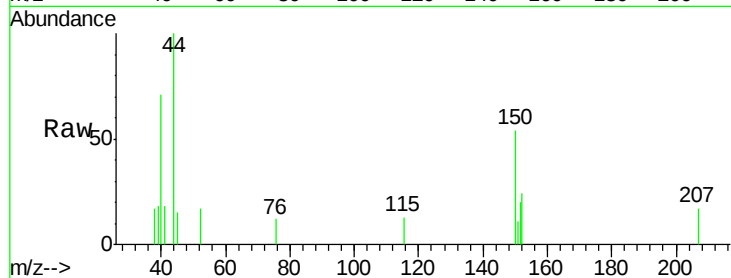
Tot Ion:152 Resp: 193

Ion Ratio Lower Upper

152 100

115 42.0 30.1 90.3

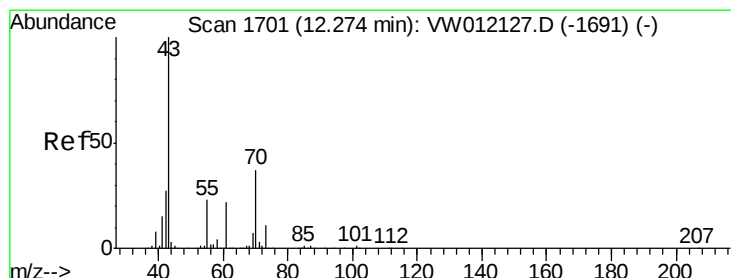
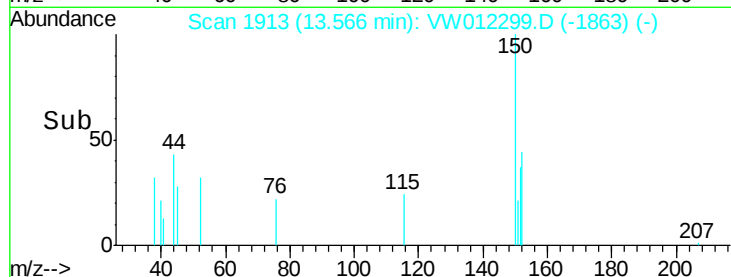
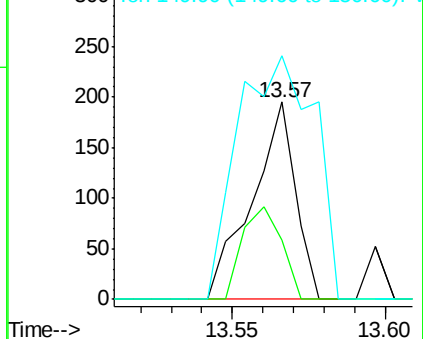
150 217.6 0.0 345.8



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-aryl acetate

Concen: 5.264 ug/l

RT: 12.38 min Scan# 1719

Delta R.T. 0.11 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Tgt Ion: 43 Resp: 23

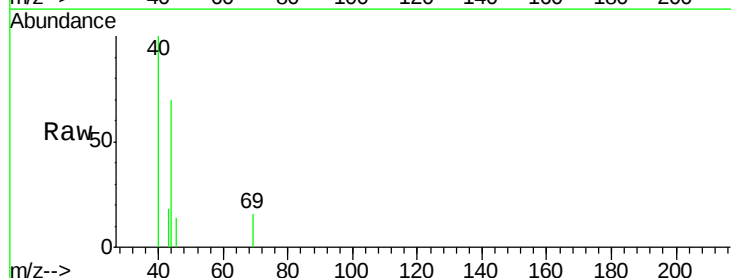
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 0.0 17.8 26.6#

61 0.0 17.3 25.9#

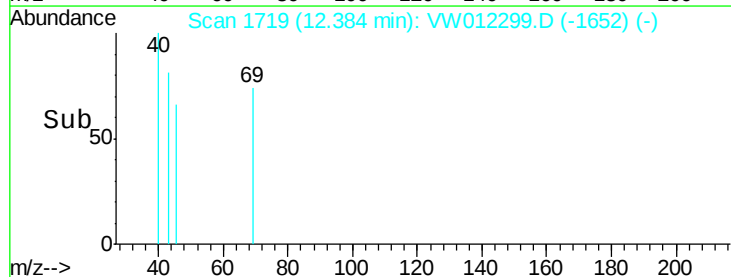
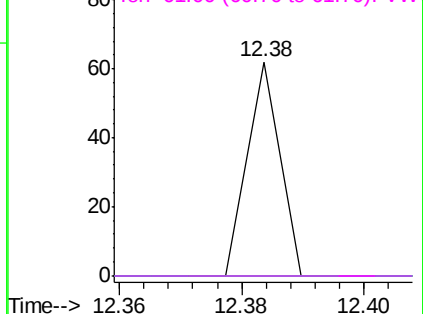


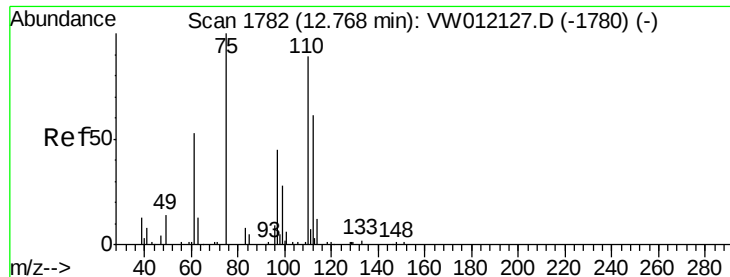
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 150.025 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.14 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

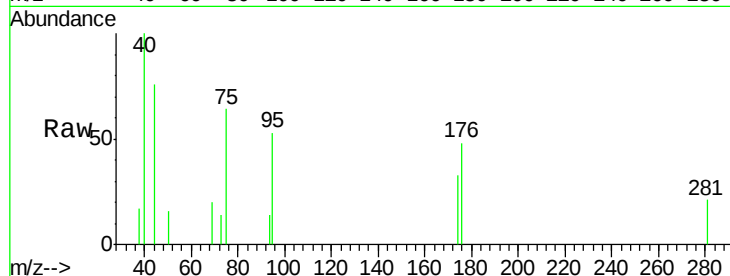
SB-13-6.5-7.0RE

Tot Ion: 75 Resp: 282

Ion Ratio Lower Upper

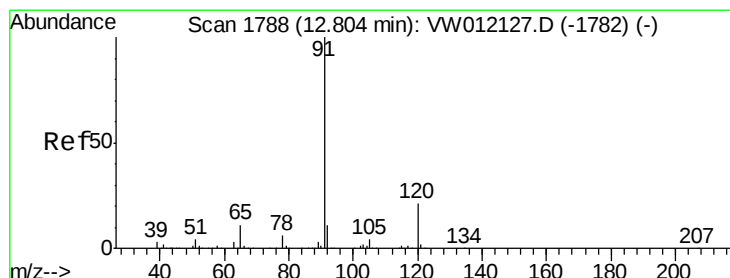
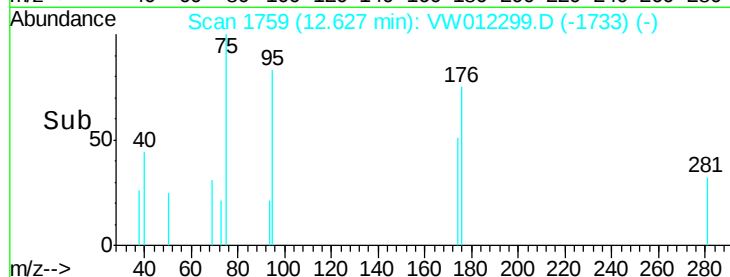
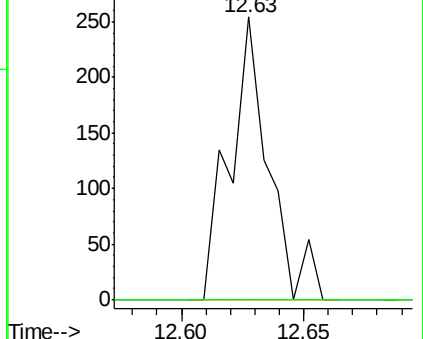
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 1.076 ug/l

RT: 13.02 min Scan# 1823

Delta R.T. 0.21 min

Lab File: VW012299.D

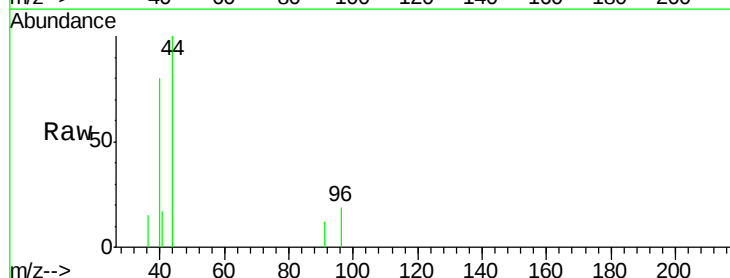
Acq: 29 Aug 2019 13:28

Tgt Ion: 91 Resp: 19

Ion Ratio Lower Upper

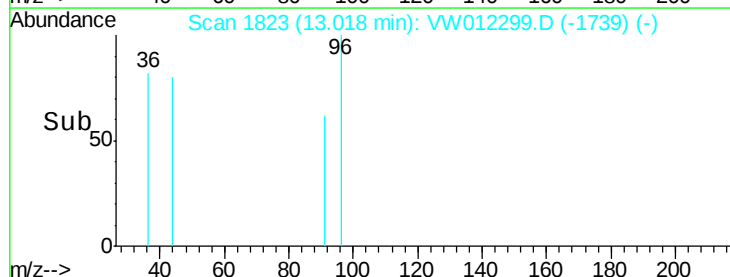
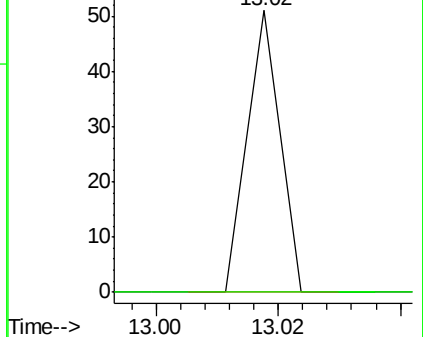
91 100

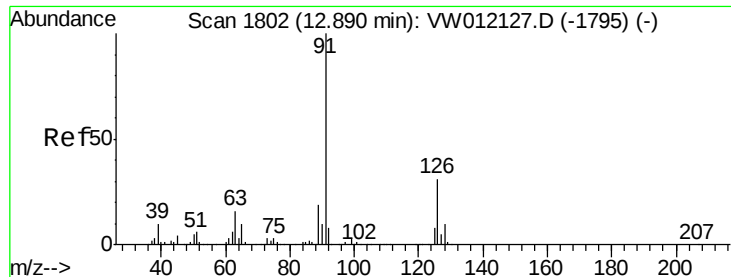
120 0.0 10.5 31.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.896 ug/l

RT: 13.02 min Scan# 1823

Delta R.T. 0.13 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

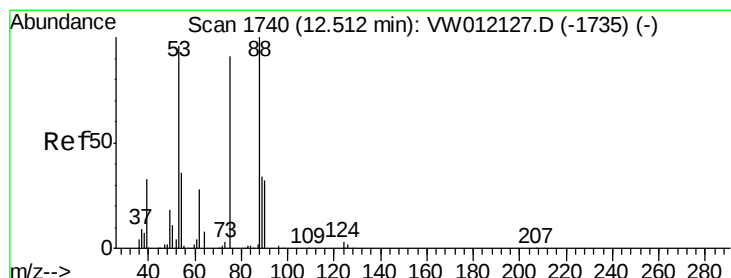
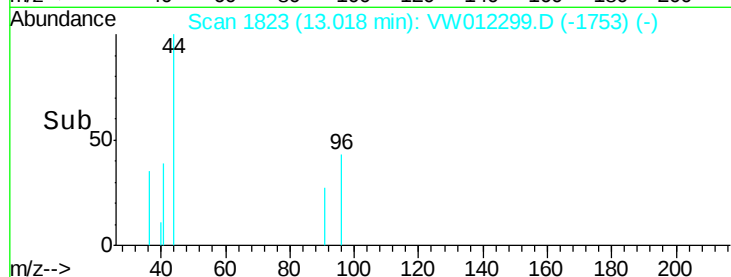
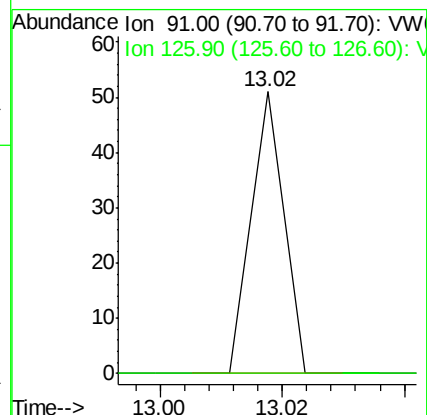
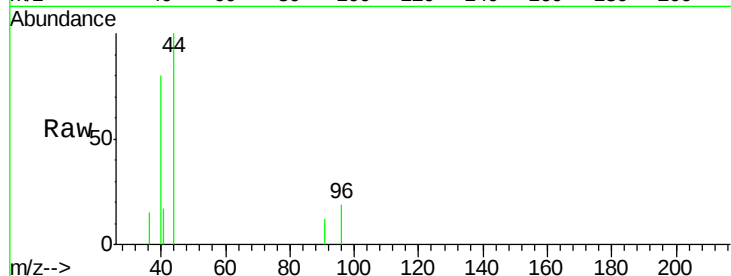
SB-13-6.5-7.0RE

Tot Ion: 91 Resp: 19

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 328.936 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.12 min

Lab File: VW012299.D

Acq: 29 Aug 2019 13:28

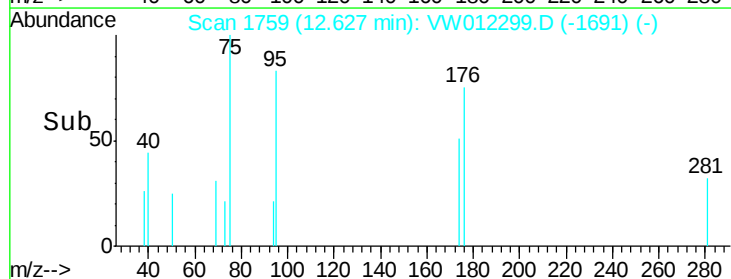
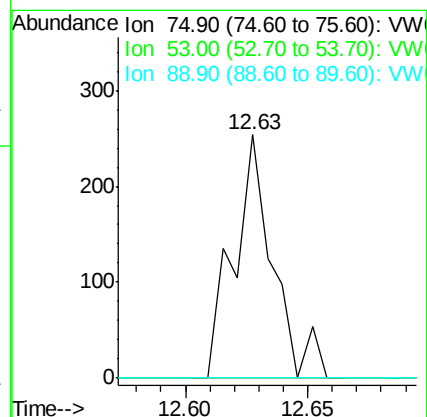
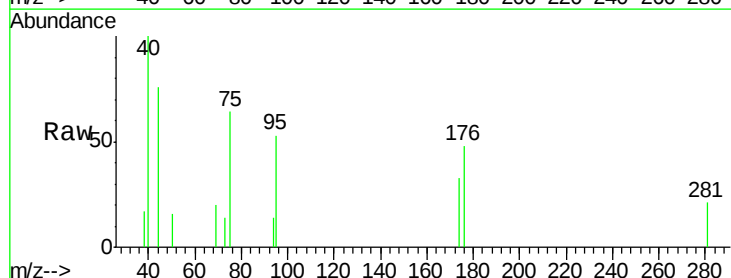
Tgt Ion: 75 Resp: 282

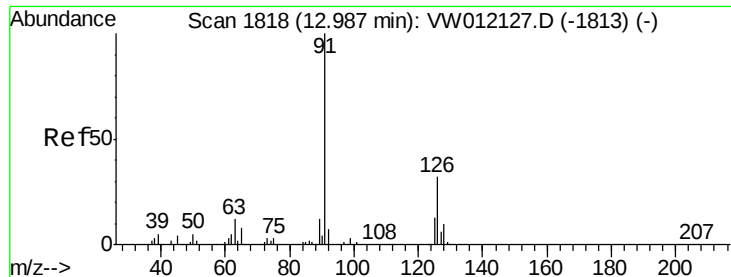
Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

89 0.0 34.5 51.7#

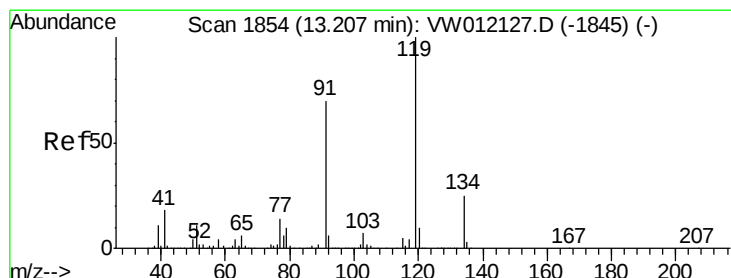
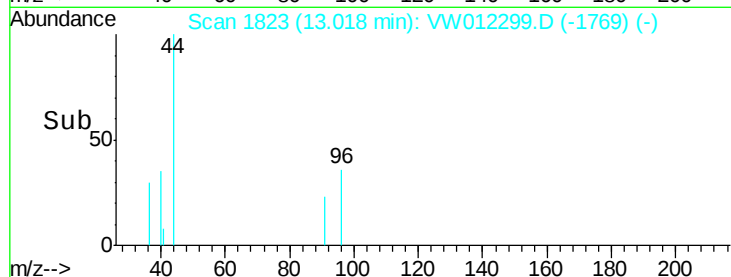
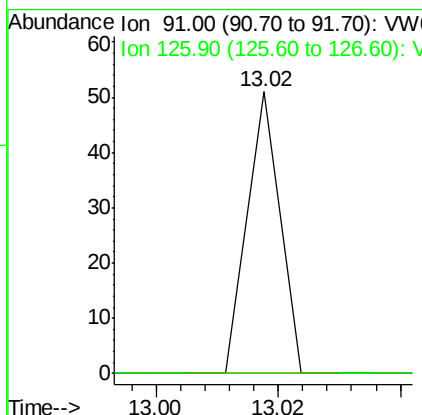
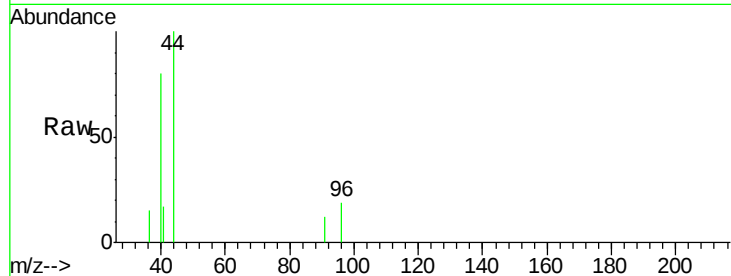




#82
 4-Chlorotoluene
 Concen: 1.810 ug/l
 RT: 13.02 min Scan# 1823
 Delta R.T. 0.03 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

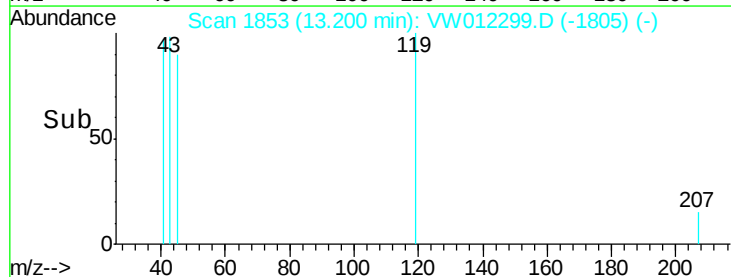
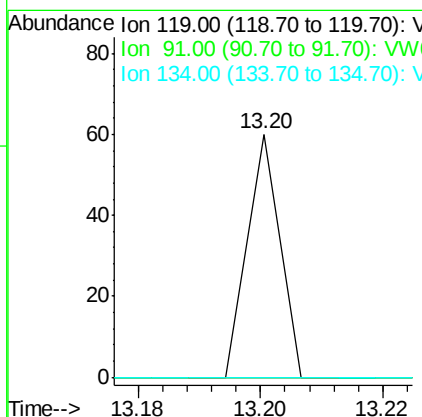
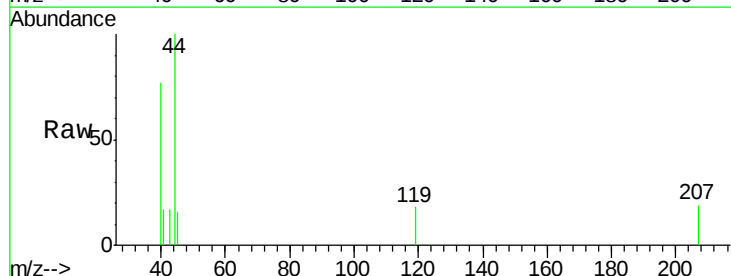
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0RE

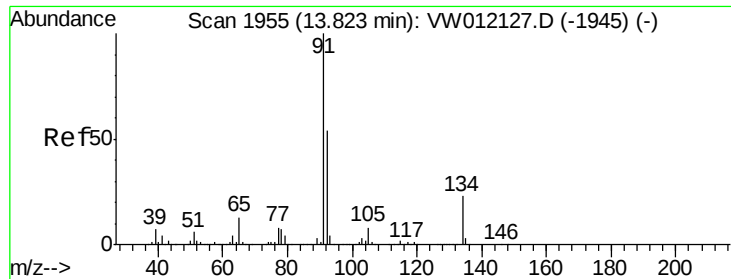
Tot Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#



#83
 tert-Butylbenzene
 Concen: 2.149 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.8	104.3#
134	0.0	13.3	39.8#

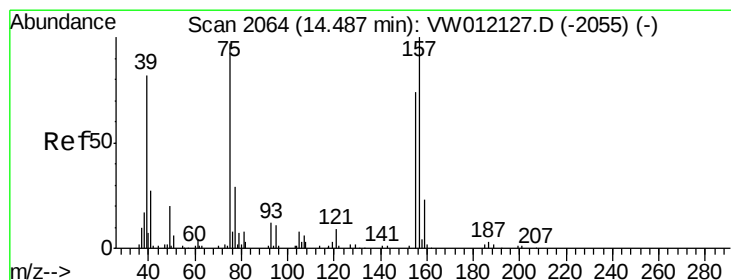
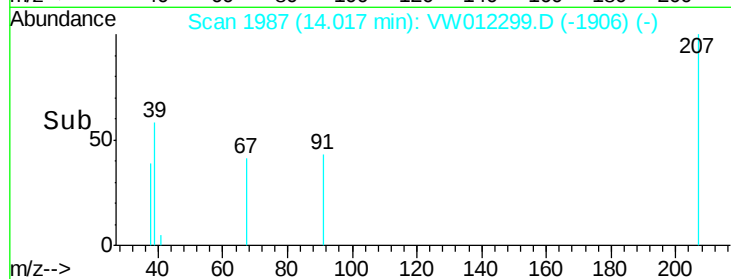
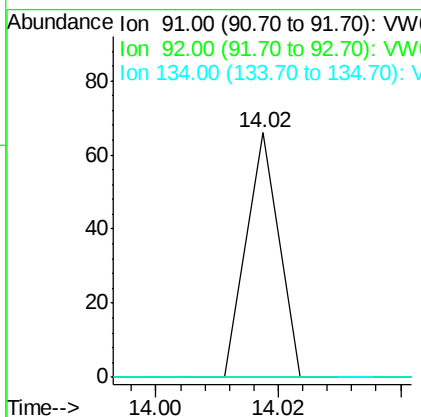
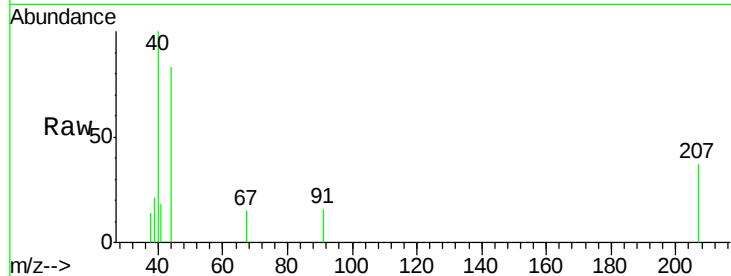




#89
 n-Butylbenzene
 Concen: 1.843 ug/l
 RT: 14.02 min Scan# 1987
 Delta R.T. 0.19 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

Instrument :
 MSVOA_W
 ClientSampled :
 SB-13-6.5-7.0RE

Tot Ion:	91	Resp:	24
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	12.2	36.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.205 ug/l
 RT: 14.55 min Scan# 2075
 Delta R.T. 0.07 min
 Lab File: VW012299.D
 Acq: 29 Aug 2019 13:28

Tgt Ion:	75	Resp:	43
Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.5	112.3#
157	0.0	50.5	151.5#

