

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013082.D
 Acq On : 17 Sep 2019 11:45
 Operator : SY/VA
 Sample : K4666-12
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

Quant Time: Sep 18 05:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	41	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.84	114	125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	111	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	24	63.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	126.76%	
35) Dibromofluoromethane	7.87	113	26	38.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.66%	
50) Toluene-d8	10.33	98	86	32.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.80%	
62) 4-Bromofluorobenzene	12.63	95	63	66.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	132.02%	

Target Compounds

						Qvalue
3) Chloromethane	2.20	50	135	752.456	ug/l #	41
5) Bromomethane	3.06	94	20	111.598	ug/l #	1
6) Chloroethane	2.99	64	23	127.787	ug/l #	42
11) Tert butyl alcohol	5.45	59	19	789.534	ug/l #	72
12) 1,1-Dichloroethene	3.95	96	78	275.613	ug/l #	1
14) Allyl chloride	4.69	41	88	163.792	ug/l #	23
15) Acrylonitrile	5.41	53	26	317.684	ug/l #	17
16) Acetone	4.14	43	74	955.808	ug/l #	47
17) Carbon Disulfide	4.48	76	36	63.832	ug/l #	1
18) Methyl Acetate	4.62	43	46	213.226	ug/l #	53
19) Methyl tert-butyl Ether	5.45	73	49	87.713	ug/l #	56
20) Methylene Chloride	4.91	84	25	85.392	ug/l #	22
21) trans-1,2-Dichloroethene	5.25	96	27	89.077	ug/l #	1
22) Diisopropyl ether	6.35	45	20	17.919	ug/l #	36
23) Vinyl Acetate	6.31	43	59	88.258	ug/l #	76
25) 2-Butanone	7.24	43	61	506.618	ug/l #	53
27) cis-1,2-Dichloroethene	6.97	96	49	135.028	ug/l #	14
28) Bromochloromethane	7.57	49	49	180.905	ug/l #	14
29) Tetrahydrofuran	7.57	42	22	320.675	ug/l #	37
30) Chloroform	7.98	83	46	70.350	ug/l #	17
31) Cyclohexane	7.98	56	27	56.439	ug/l #	18
32) 1,1,1-Trichloroethane	7.82	97	19	35.285	ug/l #	23
36) 1,1-Dichloropropene	8.18	75	67	67.077	ug/l #	43
37) Ethyl Acetate	7.24	43	61	115.055	ug/l #	71
40) Benzene	8.35	78	92	32.993	ug/l #	51
41) Methacrylonitrile	7.51	41	19	54.419	ug/l #	1
42) 1,2-Dichloroethane	8.30	62	28	29.954	ug/l #	76
43) Isopropyl Acetate	8.46	43	86	84.482	ug/l #	53
45) 1,2-Dichloropropane	9.18	63	20	26.996	ug/l #	44
46) Dibromomethane	9.32	93	33	92.973	ug/l #	2
48) Methyl methacrylate	9.45	41	36	75.353	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	23	43.763	ug/l #	38
52) Toluene	10.27	92	23	12.980	ug/l #	1
53) t-1,3-Dichloropropene	10.36	75	47	46.939	ug/l #	44

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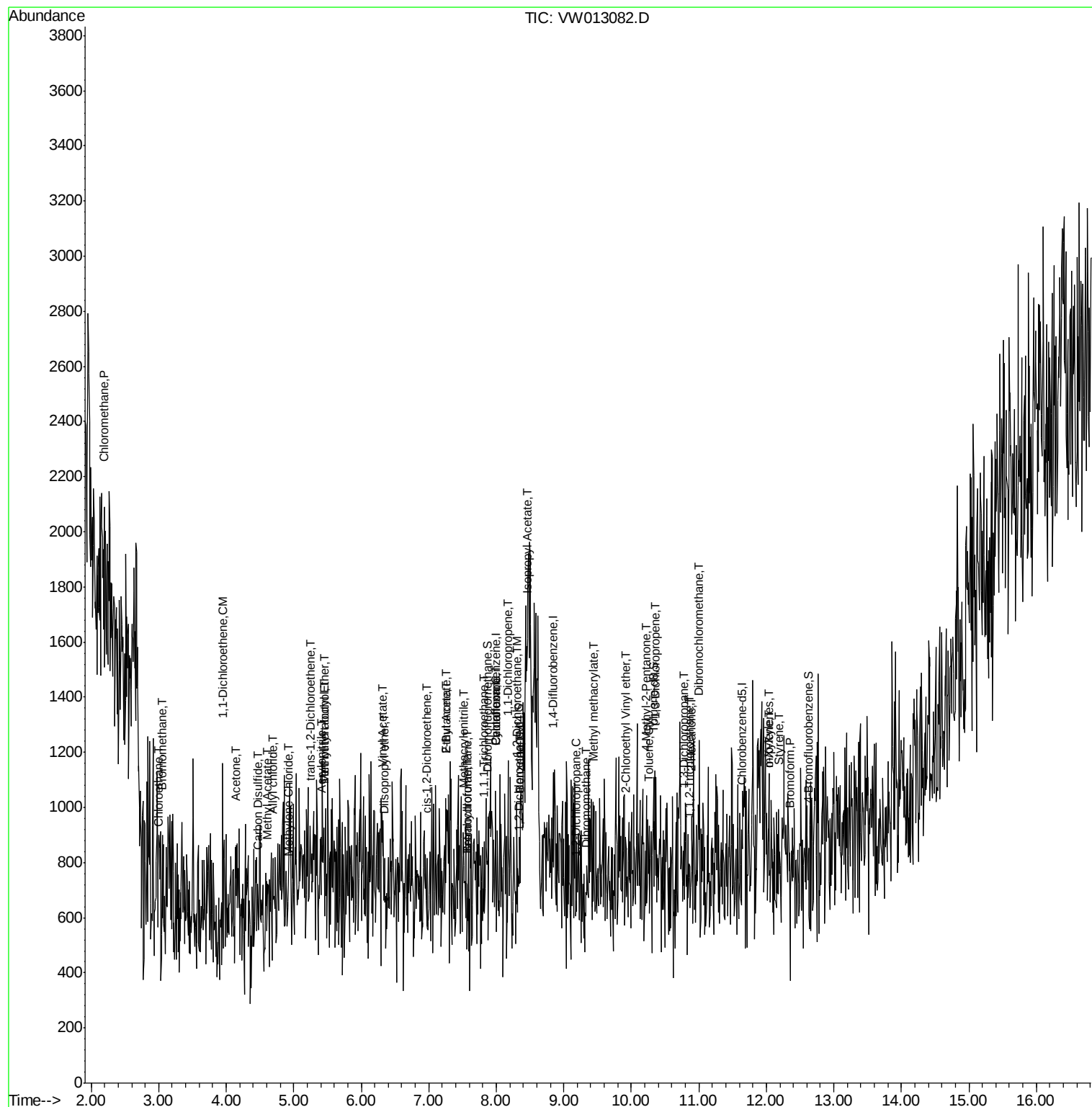
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,1,2-Trichloroethane	10.86	97	50	92.470	uq/l #	15
57) 1,3-Dichloropropane	10.79	76	20	20.851	uq/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	78	199.782	uq/l #	47
59) 2-Hexanone	10.89	43	89	243.204	uq/l	88
60) Dibromochloromethane	11.01	129	22	33.653	uq/l #	12
68) m/p-Xylenes	12.02	106	19	14.243	uq/l #	1
69) o-Xylene	12.02	106	19	15.192	uq/l #	1
70) Styrene	12.19	104	67	30.116	uq/l #	25
71) Bromoform	12.35	173	21	52.765	uq/l #	29

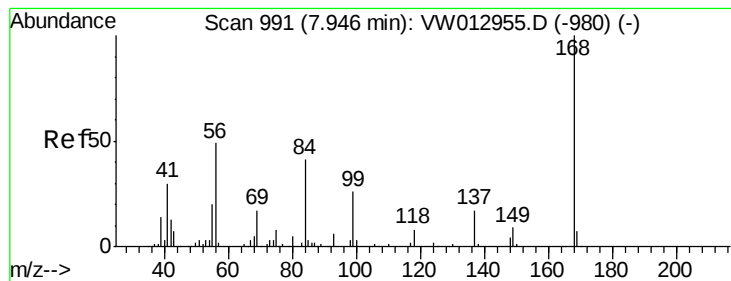
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 998

Delta R.T. 0.04 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

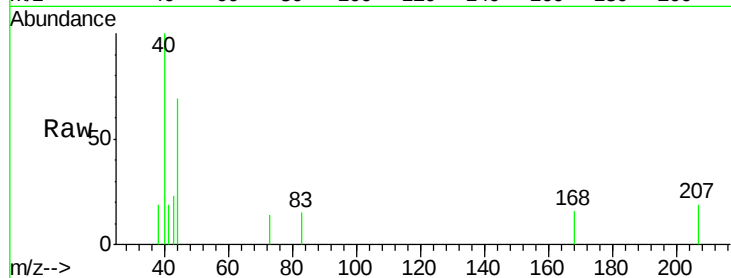
PL-02-091619

Tot Ion:168 Resp: 41

Ion Ratio Lower Upper

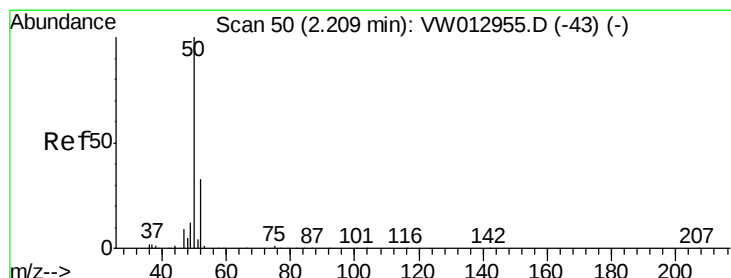
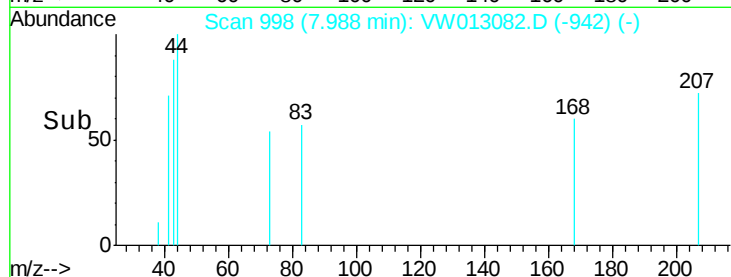
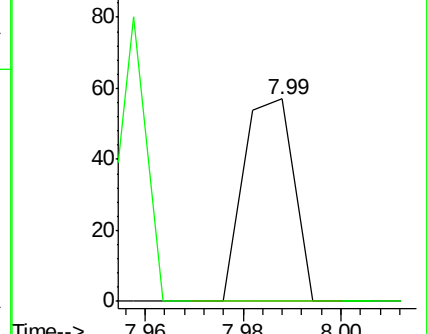
168 100

99 0.0 46.2 69.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 752.456 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VW013082.D

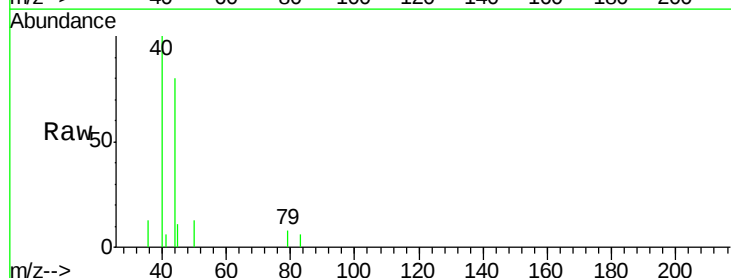
Acq: 17 Sep 2019 11:45

Tgt Ion: 50 Resp: 135

Ion Ratio Lower Upper

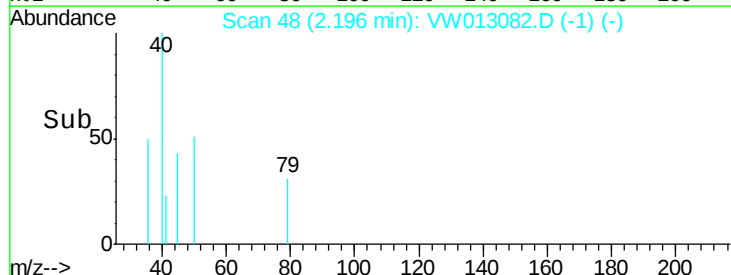
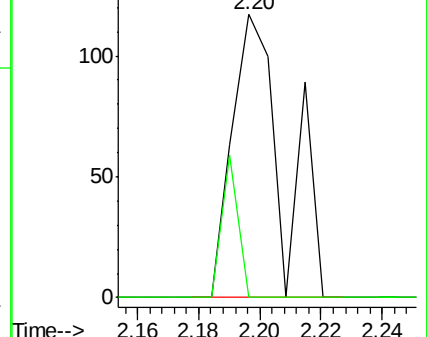
50 100

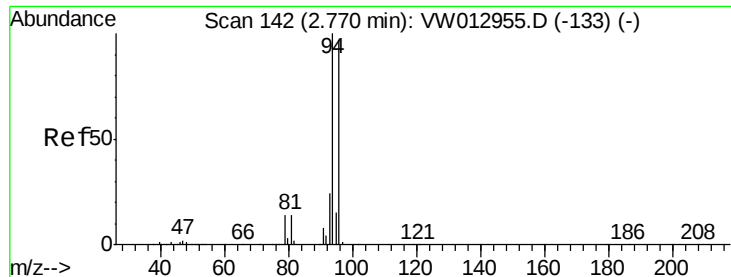
52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 111.598 ug/l

RT: 3.06 min Scan# 189

Delta R.T. 0.29 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

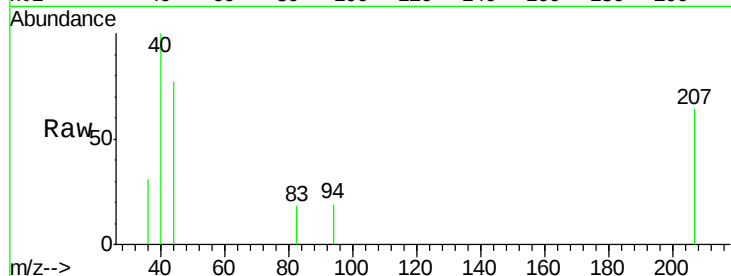
PL-02-091619

Tot Ion: 94 Resp: 20

Ion Ratio Lower Upper

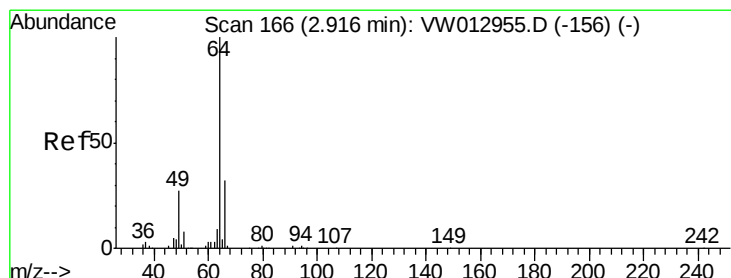
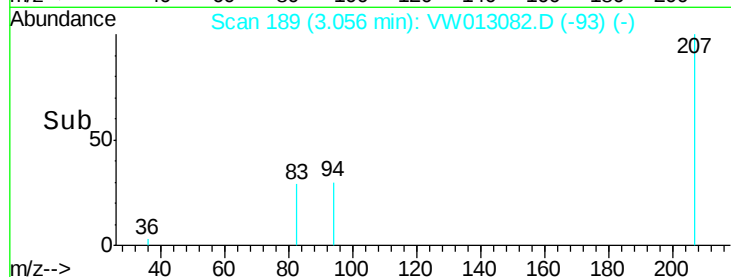
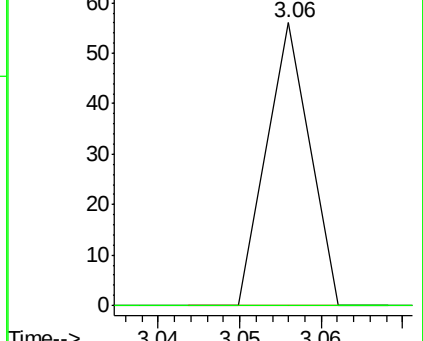
94 100

96 0.0 77.8 116.6#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 127.787 ug/l

RT: 2.99 min Scan# 178

Delta R.T. 0.07 min

Lab File: VW013082.D

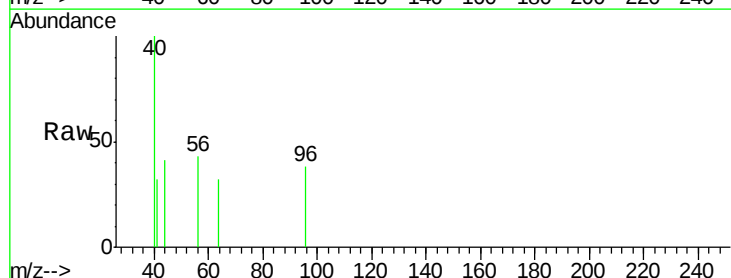
Acq: 17 Sep 2019 11:45

Tgt Ion: 64 Resp: 23

Ion Ratio Lower Upper

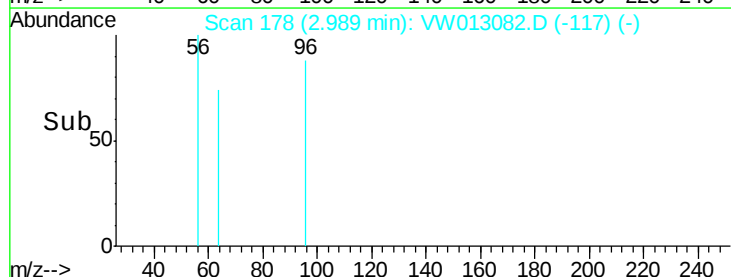
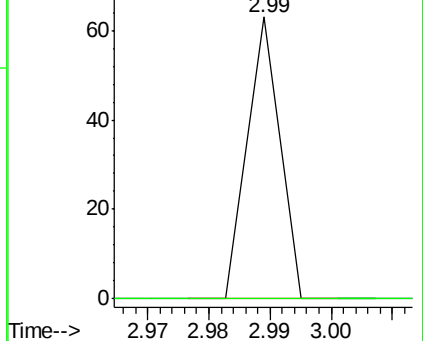
64 100

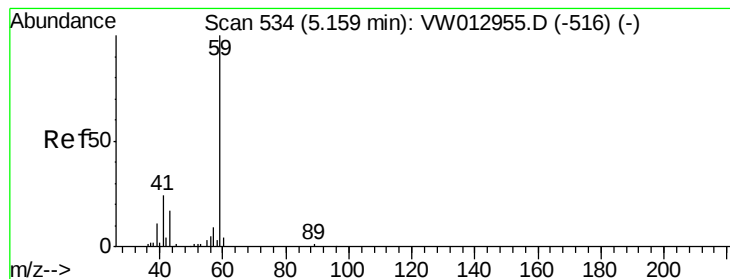
66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



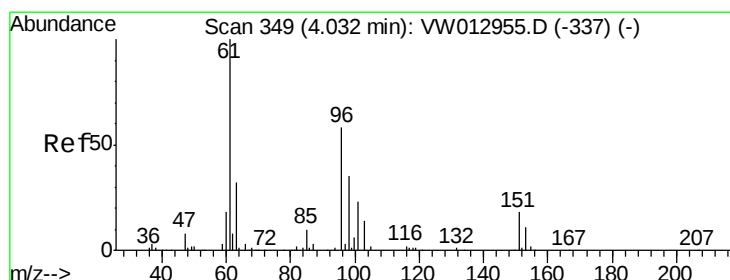
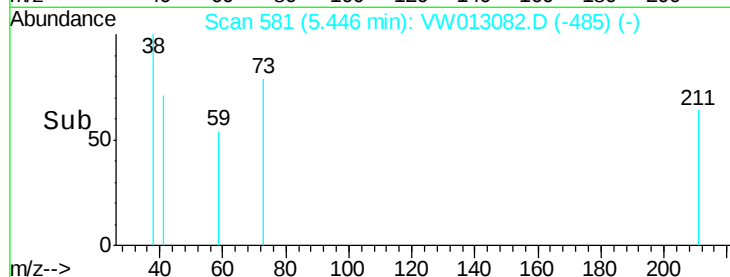
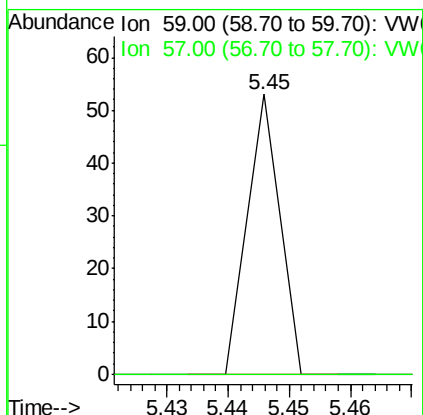
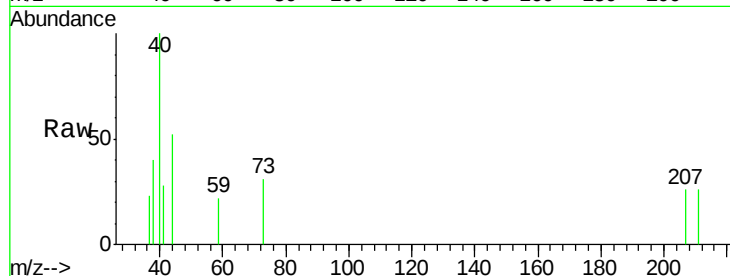


#11

Tert butyl alcohol
 Concen: 789.534 ug/l
 RT: 5.45 min Scan# 581
 Delta R.T. 0.29 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

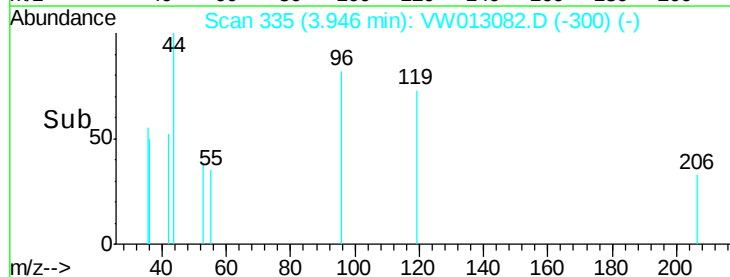
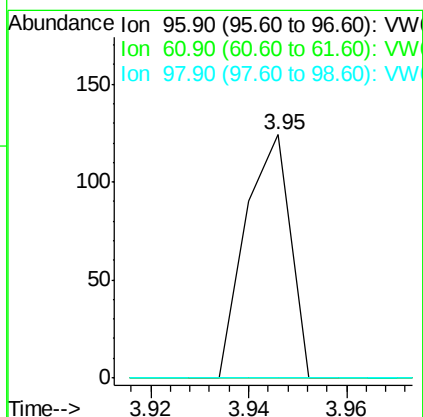
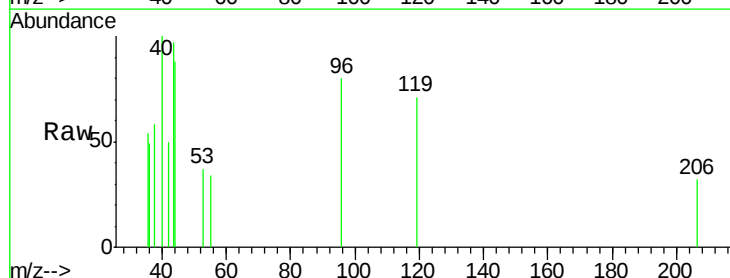
Tot Ion: 59 Resp: 19
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

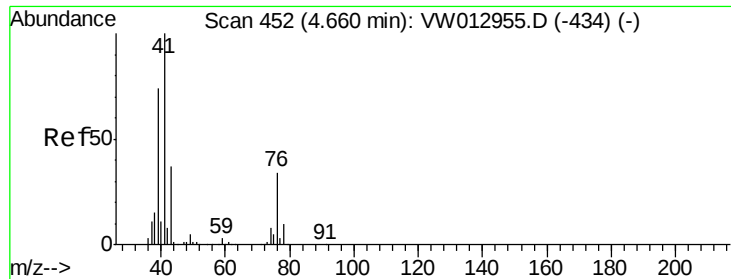


#12

1,1-Dichloroethene
 Concen: 275.613 ug/l
 RT: 3.95 min Scan# 335
 Delta R.T. -0.09 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Tgt Ion: 96 Resp: 78
 Ion Ratio Lower Upper
 96 100
 61 0.0 137.9 206.9#
 98 0.0 48.9 73.3#

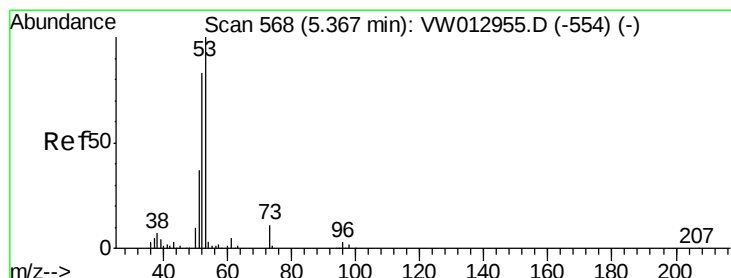
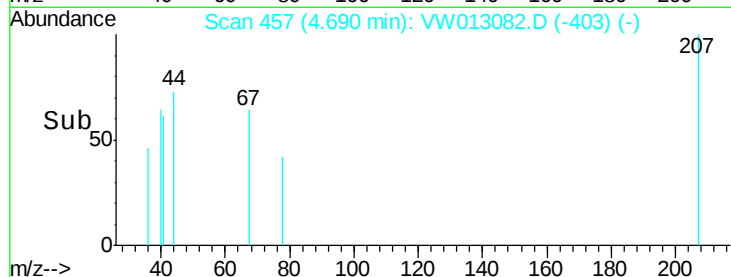
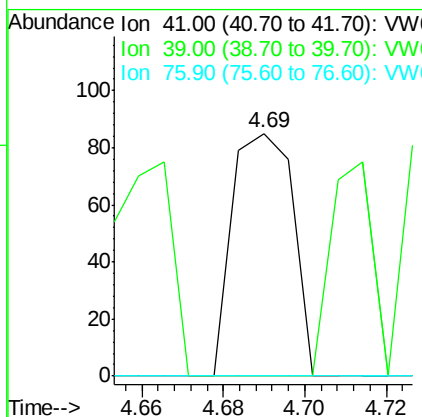
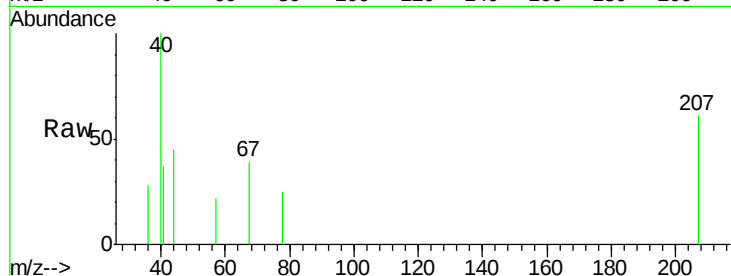




#14
Allvl chloride
Concen: 163.792 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.03 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

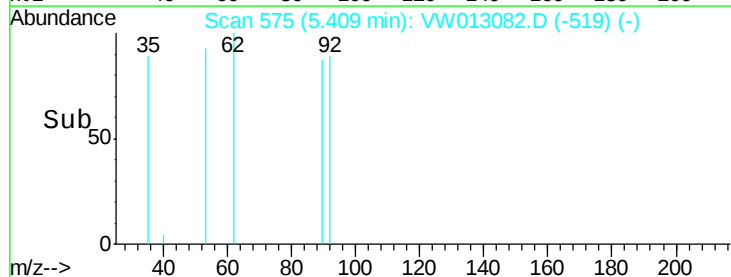
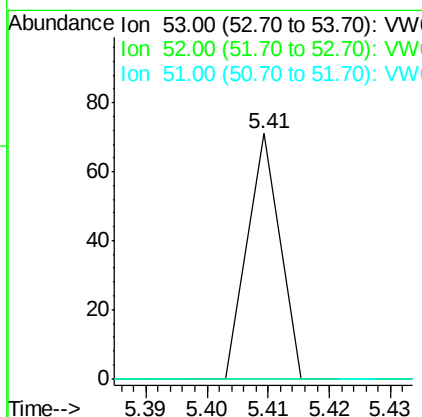
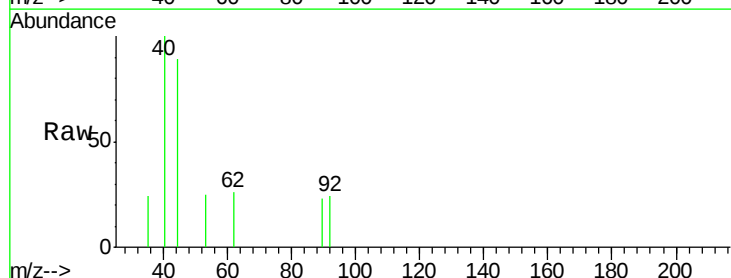
Instrument :
MSVOA_W
ClientSampled :
PL-02-091619

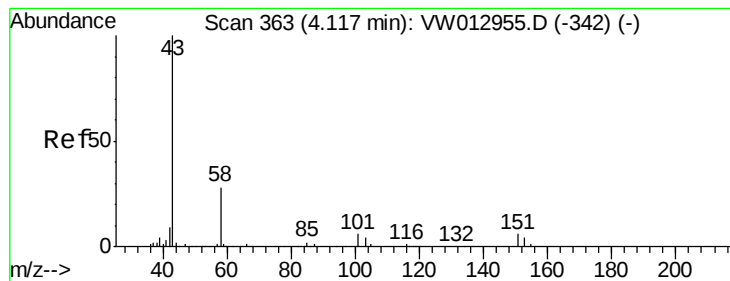
Tot Ion: 41 Resp: 88
Ion Ratio Lower Upper
41 100
39 0.0 56.7 85.1#
76 0.0 25.1 37.7#



#15
Acrylonitrile
Concen: 317.684 ug/l
RT: 5.41 min Scan# 575
Delta R.T. 0.04 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 53 Resp: 26
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 0.0 29.8 44.8#





#16

Acetone

Concen: 955.808 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

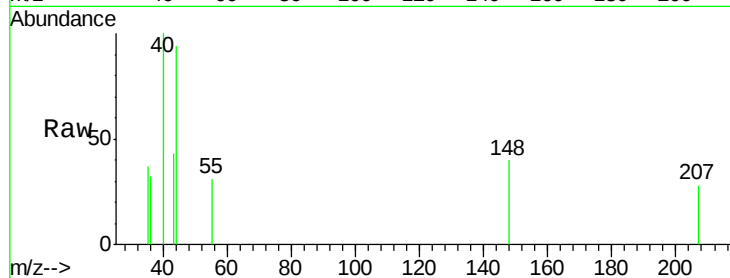
PL-02-091619

Tot Ion: 43 Resp: 74

Ion Ratio Lower Upper

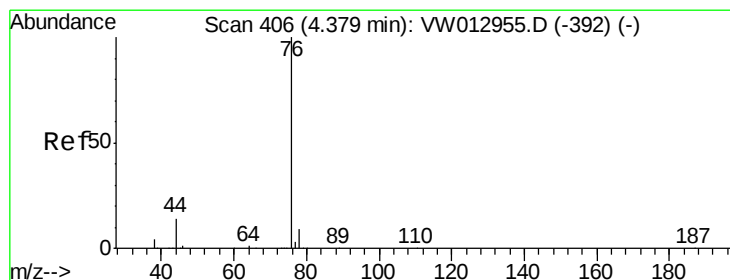
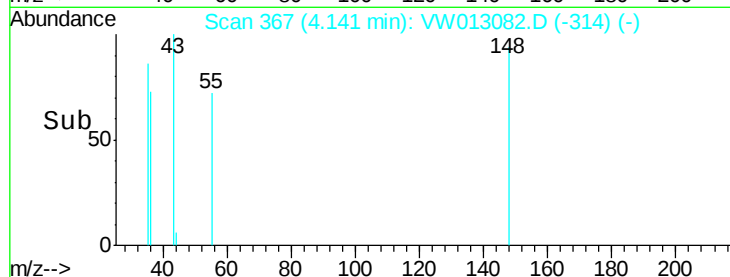
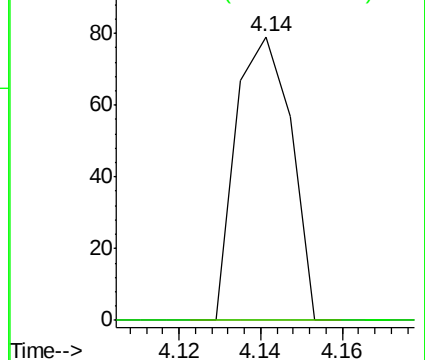
43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 63.832 ug/l

RT: 4.48 min Scan# 422

Delta R.T. 0.10 min

Lab File: VW013082.D

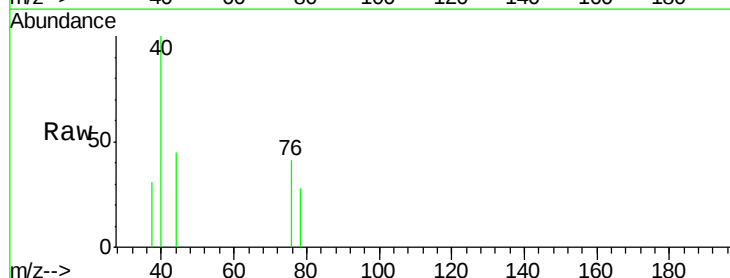
Acq: 17 Sep 2019 11:45

Tgt Ion: 76 Resp: 36

Ion Ratio Lower Upper

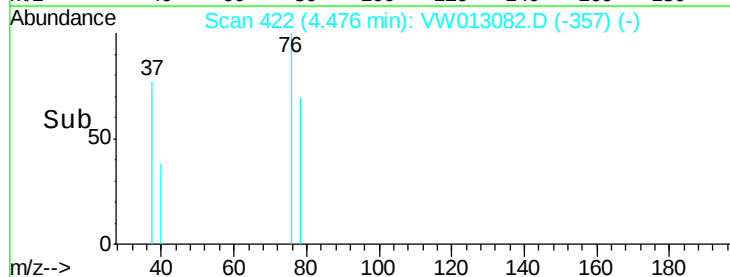
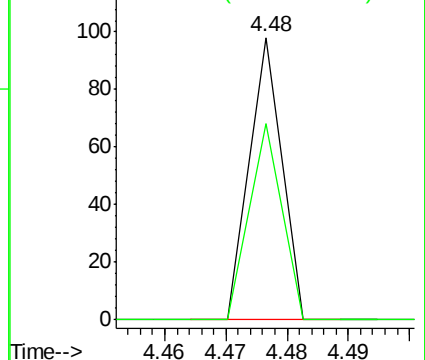
76 100

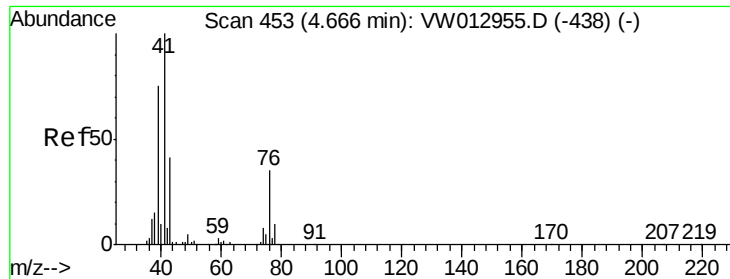
78 69.4 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

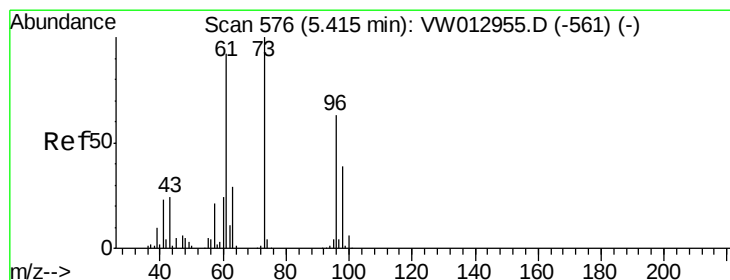
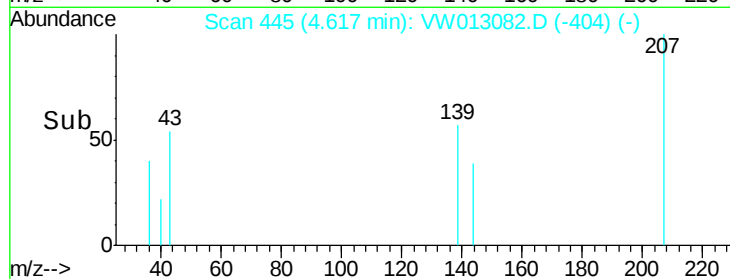
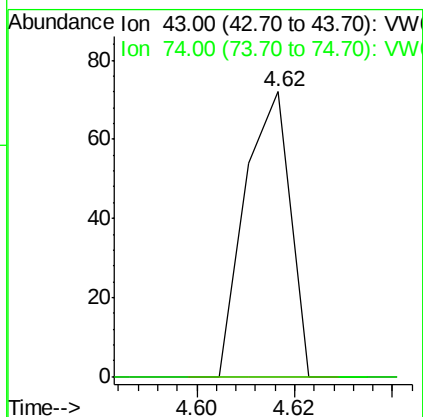
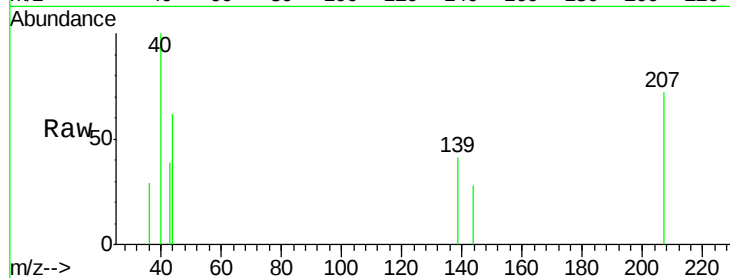




#18
Methyl Acetate
Concen: 213.226 ug/l
RT: 4.62 min Scan# 445
Delta R.T. -0.05 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

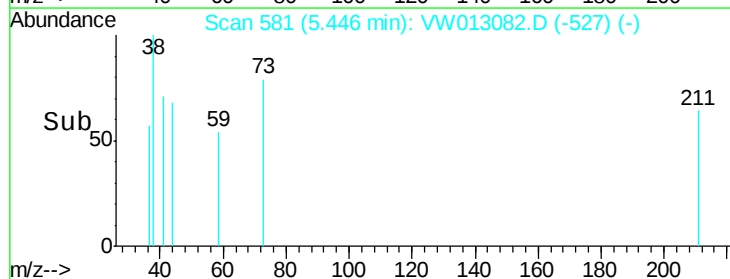
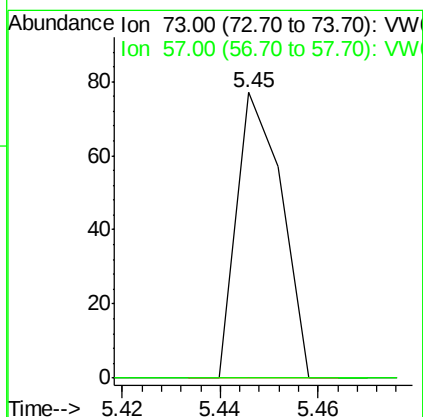
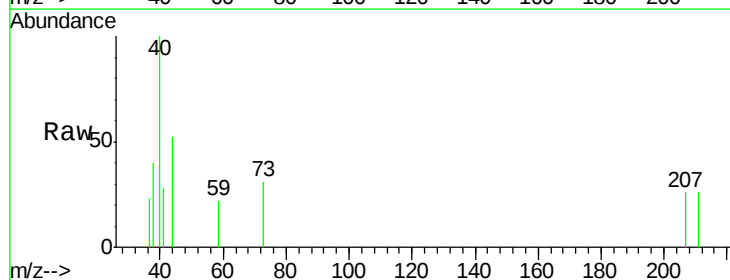
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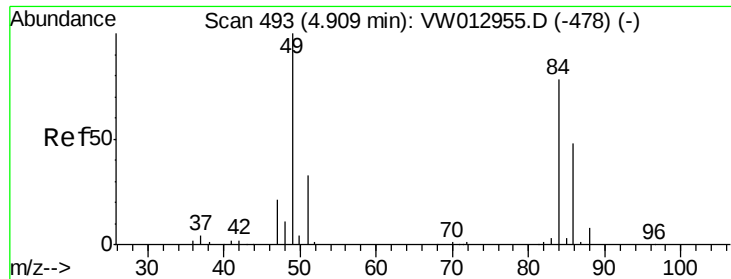
Tot Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 87.713 ug/l
RT: 5.45 min Scan# 581
Delta R.T. 0.03 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 73 Resp: 49
Ion Ratio Lower Upper
73 100
57 0.0 16.4 24.6#

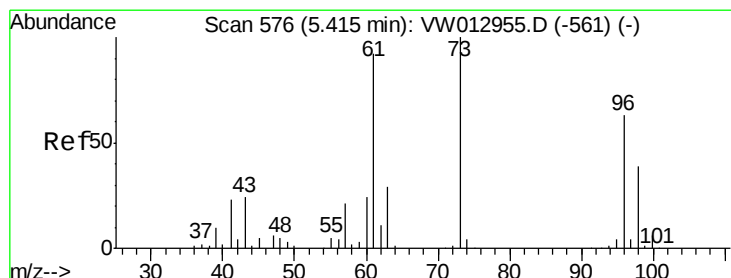
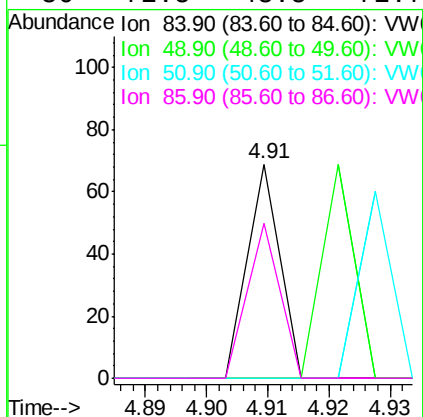
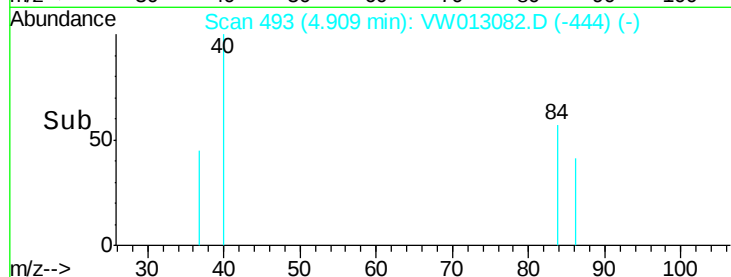
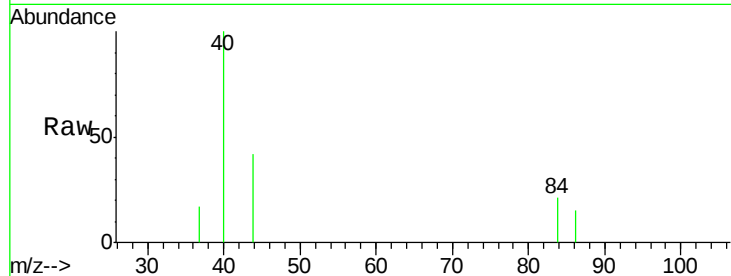




#20
Methvlene Chloride
Concen: 85.392 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

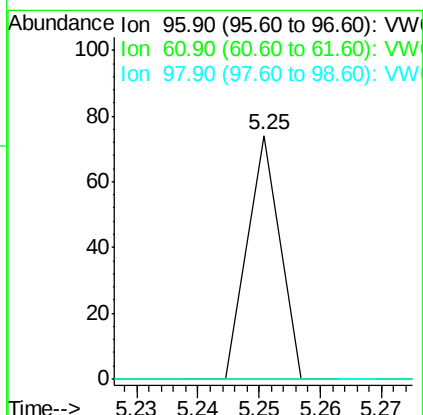
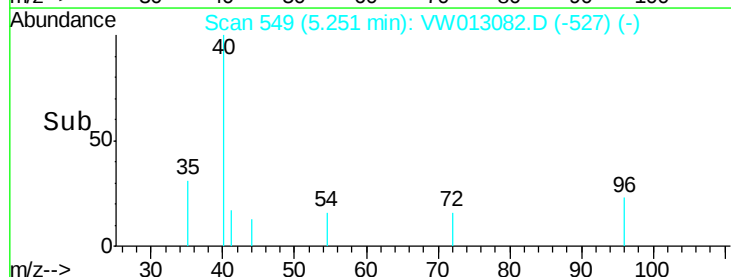
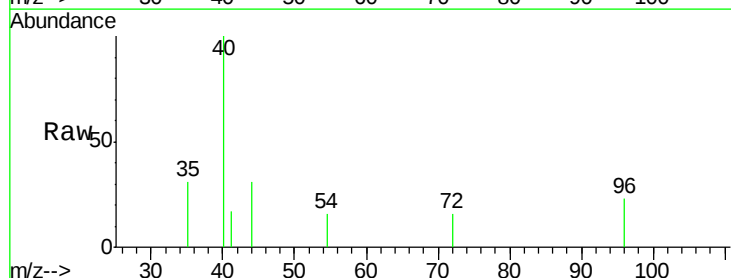
Instrument :
MSVOA_W
ClientSampled :
PL-02-091619

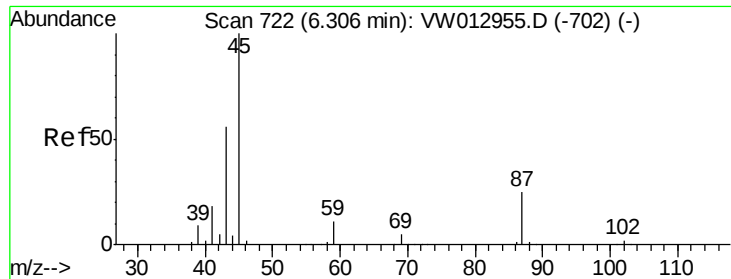
Tot Ion: 84 Resp: 25
Ion Ratio Lower Upper
84 100
49 0.0 102.0 153.0#
51 0.0 34.0 51.0#
86 72.5 48.5 72.7



#21
trans-1,2-Dichloroethene
Concen: 89.077 ug/l
RT: 5.25 min Scan# 549
Delta R.T. -0.16 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 0.0 116.2 174.2#
98 0.0 49.8 74.6#





#22

Diisopropyl ether

Concen: 17.919 ug/l

RT: 6.35 min Scan# 729

Delta R.T. 0.04 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

PL-02-091619

Tot Ion: 45 Resp: 20

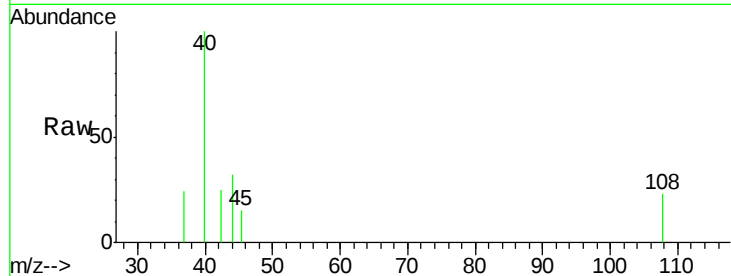
Ion Ratio Lower Upper

45 100

43 0.0 44.6 67.0#

87 0.0 20.0 30.0#

59 0.0 8.7 13.1#

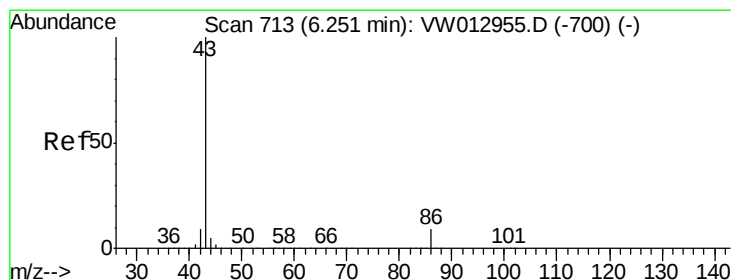
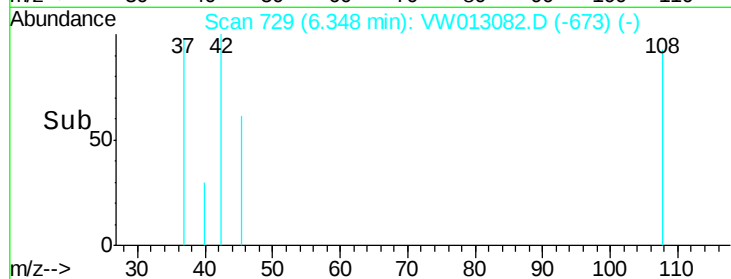
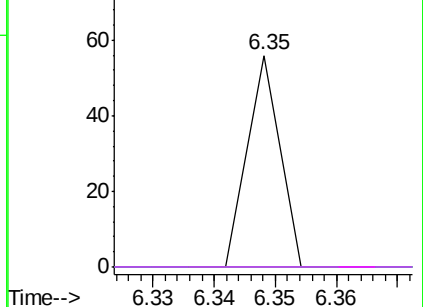


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW



#23

Vinyl Acetate

Concen: 88.258 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW013082.D

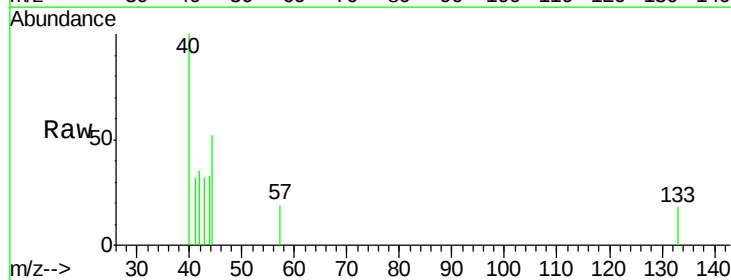
Acq: 17 Sep 2019 11:45

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

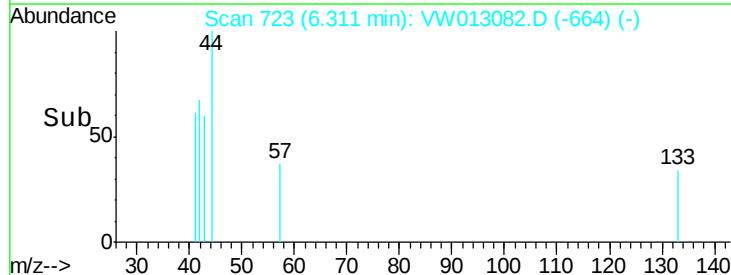
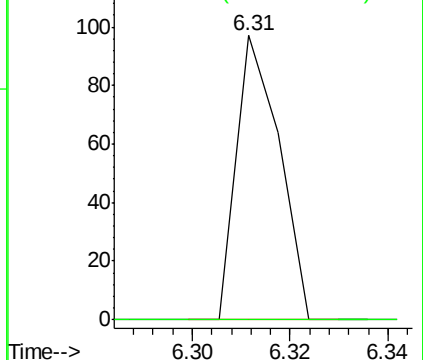
43 100

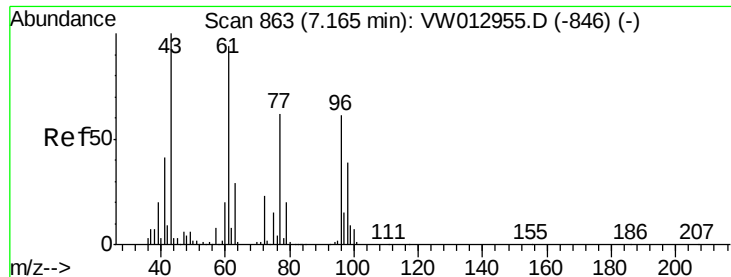
86 0.0 7.0 10.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

2-Butanone

Concen: 506.618 ug/l

RT: 7.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

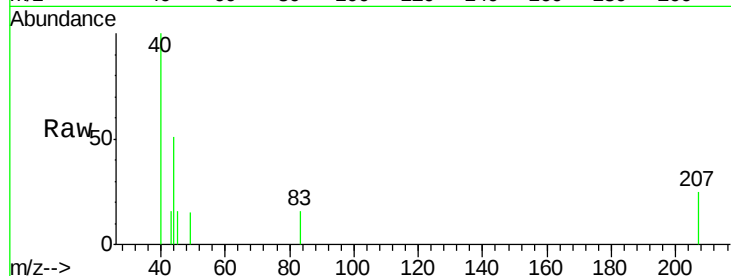
PL-02-091619

Tot Ion: 43 Resp: 61

Ion Ratio Lower Upper

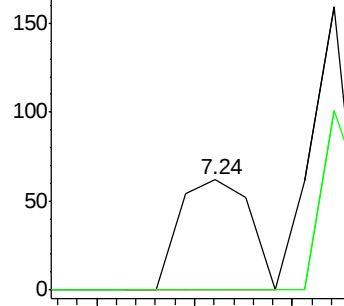
43 100

72 0.0 18.2 27.4#

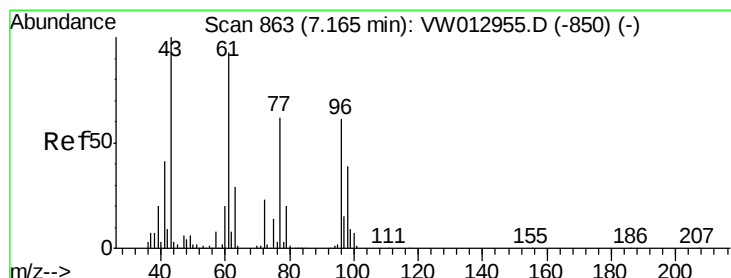
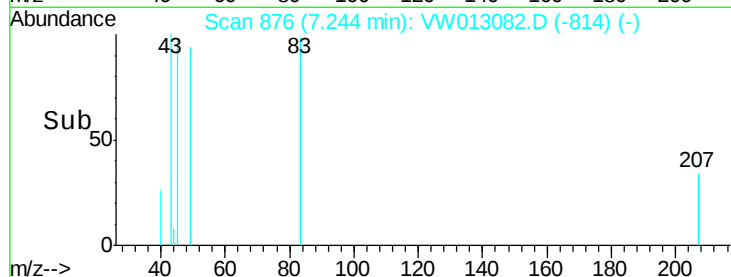


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#27

cis-1,2-Dichloroethene

Concen: 135.028 ug/l

RT: 6.97 min Scan# 831

Delta R.T. -0.20 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

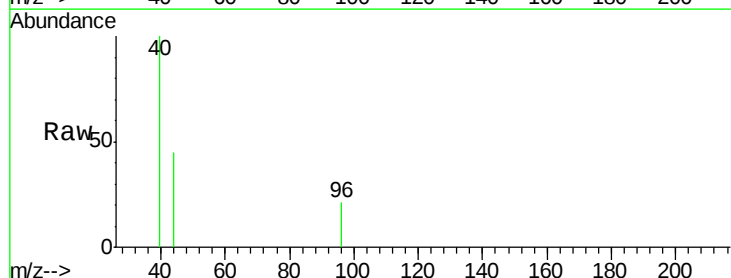
Tgt Ion: 96 Resp: 49

Ion Ratio Lower Upper

96 100

61 42.9 0.0 315.4

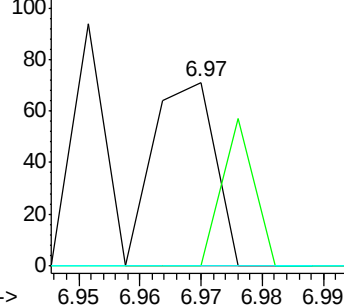
98 0.0 0.0 131.0



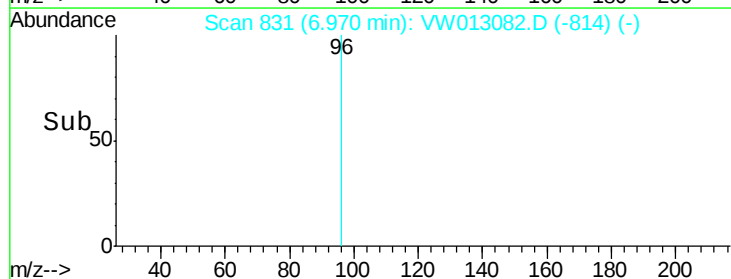
Abundance Ion 95.90 (95.60 to 96.60): VW

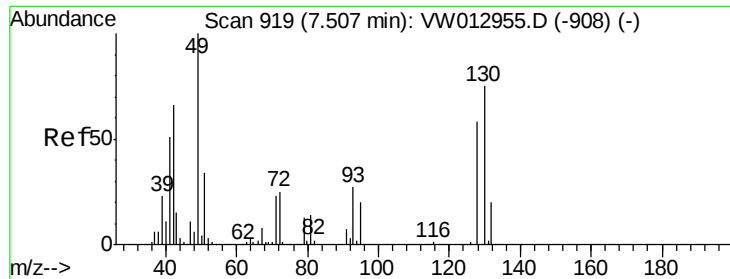
Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->





#28

Bromochloromethane

Concen: 180.905 ug/l

RT: 7.57 min Scan# 930

Delta R.T. 0.07 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampled :

PL-02-091619

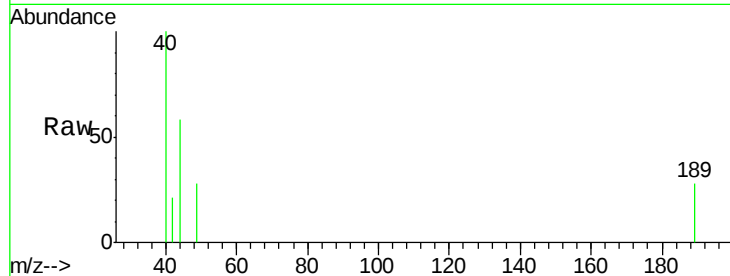
Tot Ion: 49 Resp: 49

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.4

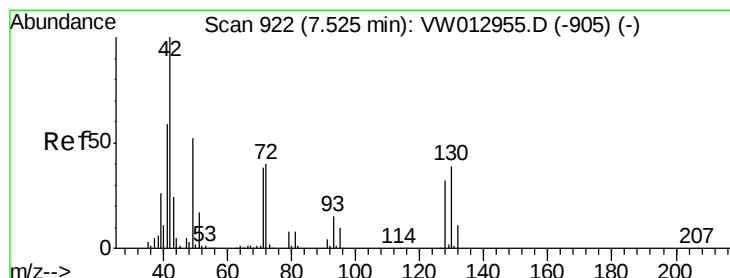
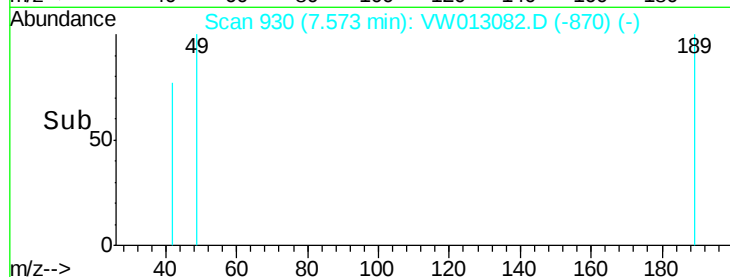
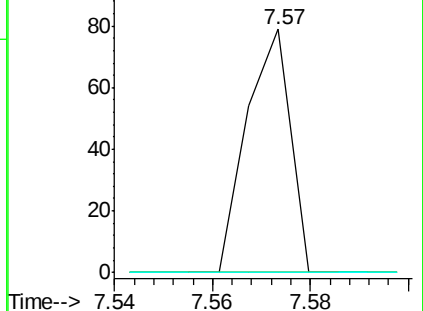
130 0.0 57.8 86.6#



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



#29

Tetrahydrofuran

Concen: 320.675 ug/l

RT: 7.57 min Scan# 930

Delta R.T. 0.05 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

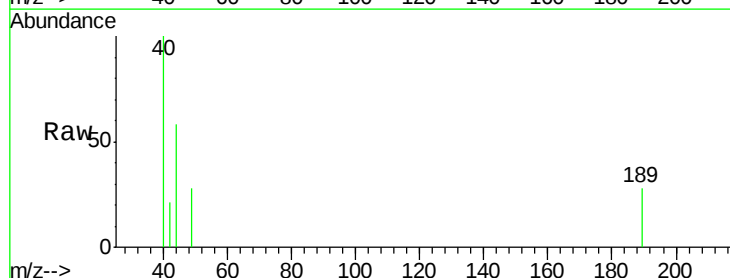
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

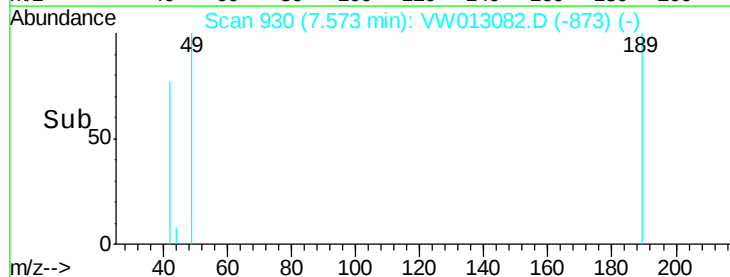
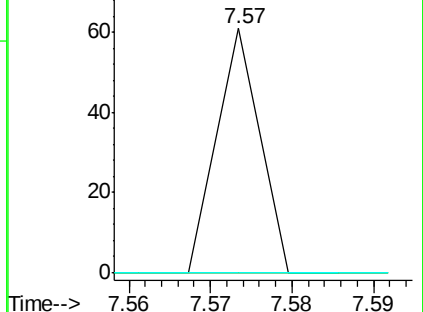
71 0.0 29.8 44.8#

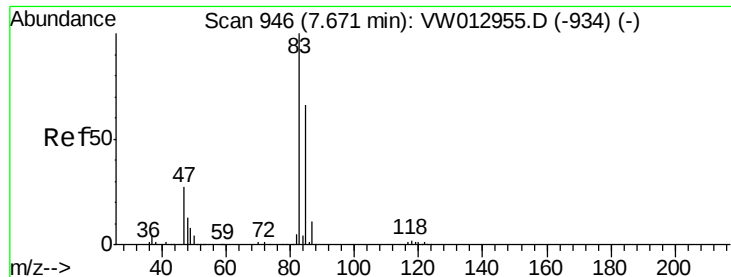


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

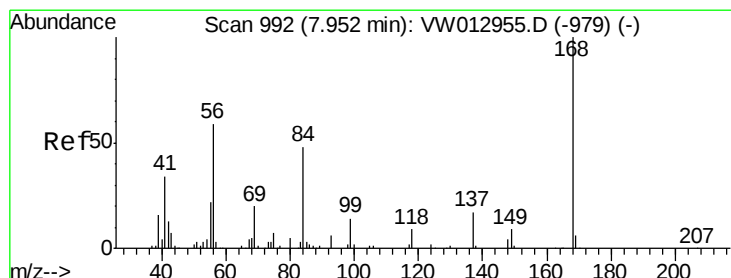
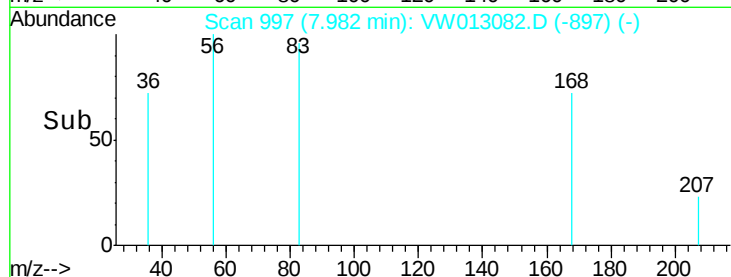
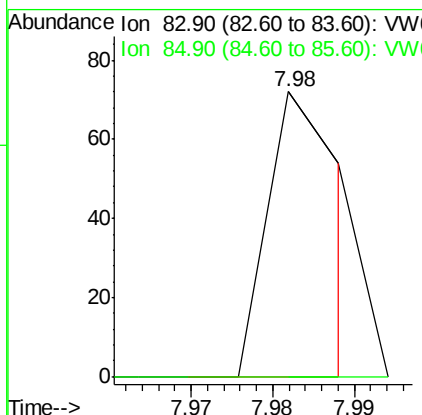
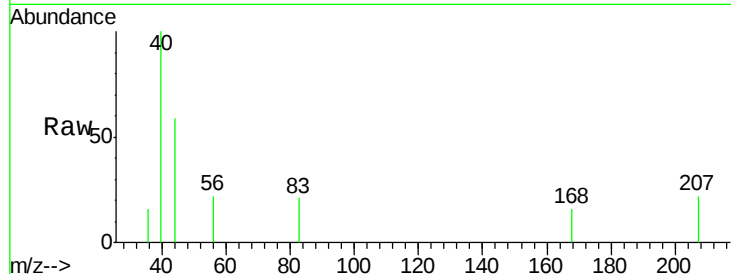




#30
Chloroform
Concen: 70.350 ug/l
RT: 7.98 min Scan# 997
Delta R.T. 0.31 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

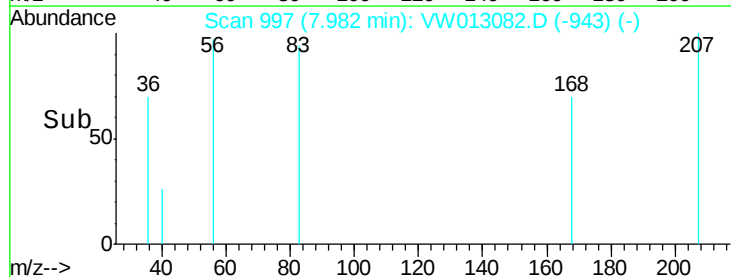
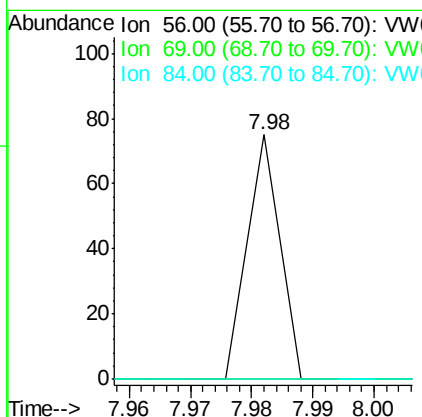
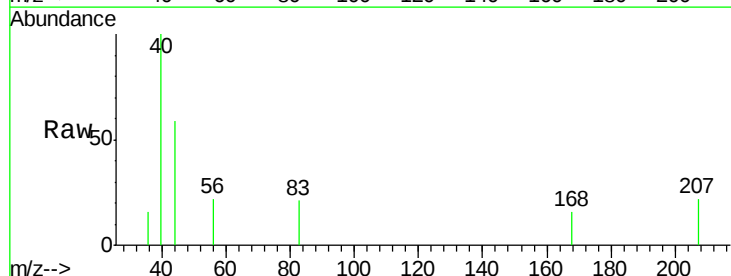
Instrument :
MSVOA_W
ClientSampleId :
PL-02-091619

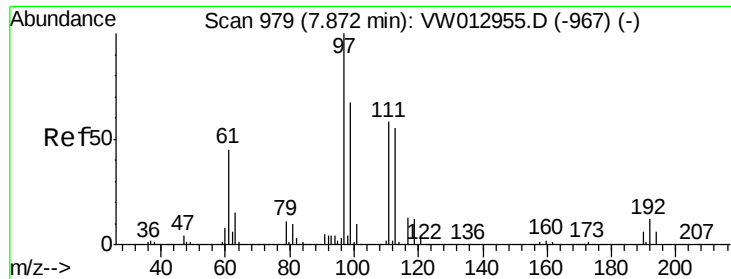
Tot Ion: 83 Resp: 46
Ion Ratio Lower Upper
83 100
85 0.0 52.8 79.2#



#31
Cyclohexane
Concen: 56.439 ug/l
RT: 7.98 min Scan# 997
Delta R.T. 0.03 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
69 0.0 27.0 40.6#
84 0.0 66.2 99.2#





#32

1,1,1-Trichloroethane

Concen: 35.285 ug/l

RT: 7.82 min Scan# 970

Delta R.T. -0.06 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

PL-02-091619

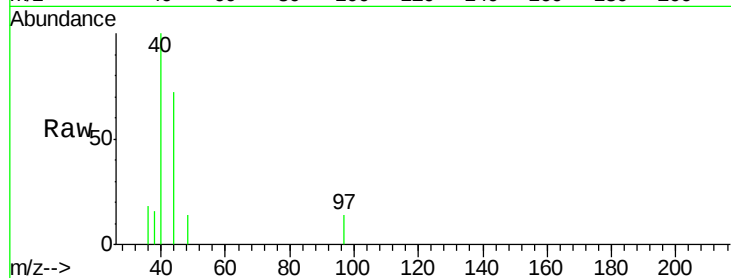
Tot Ion: 97 Resp: 19

Ion Ratio Lower Upper

97 100

99 0.0 53.0 79.4#

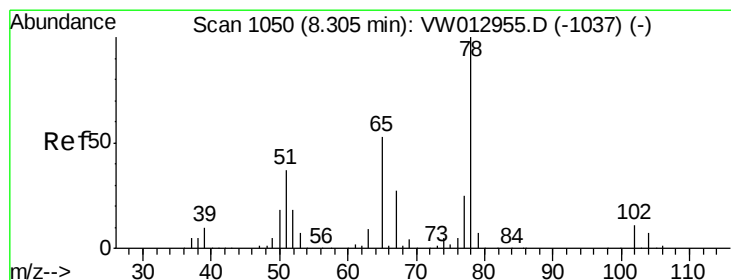
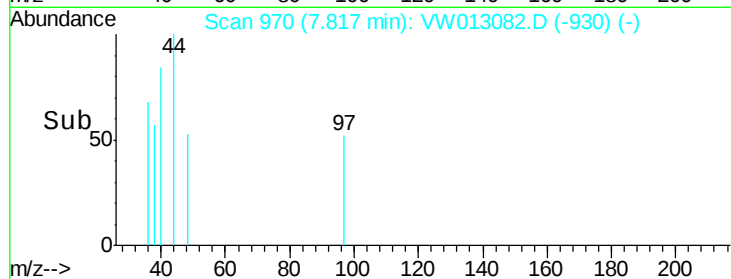
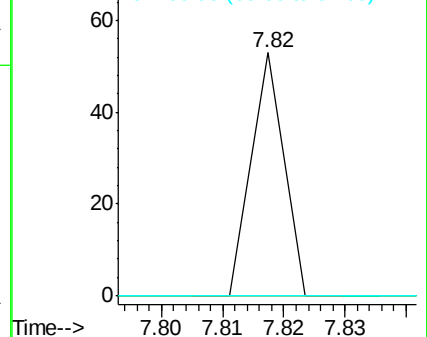
61 0.0 36.5 54.7#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 63.381 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.02 min

Lab File: VW013082.D

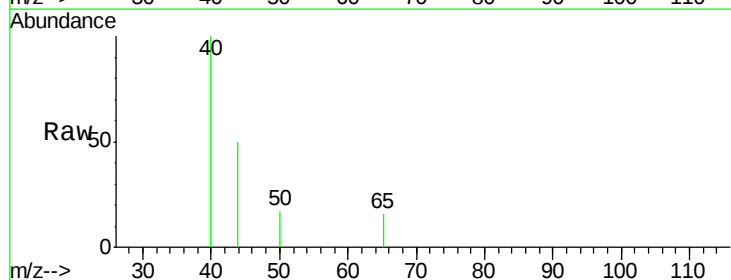
Acq: 17 Sep 2019 11:45

Tgt Ion: 65 Resp: 24

Ion Ratio Lower Upper

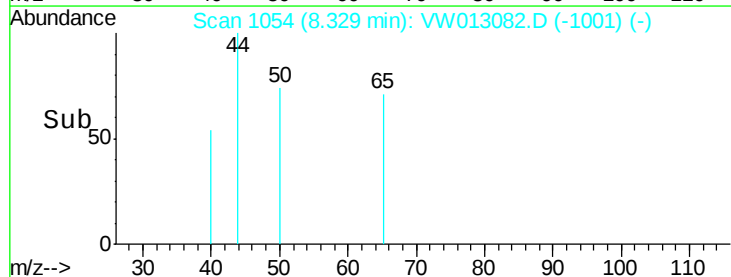
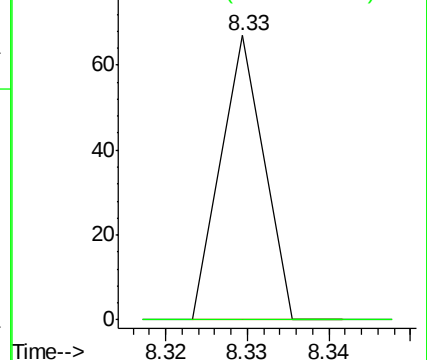
65 100

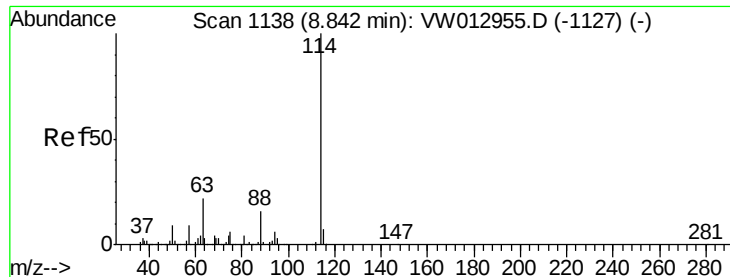
67 0.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

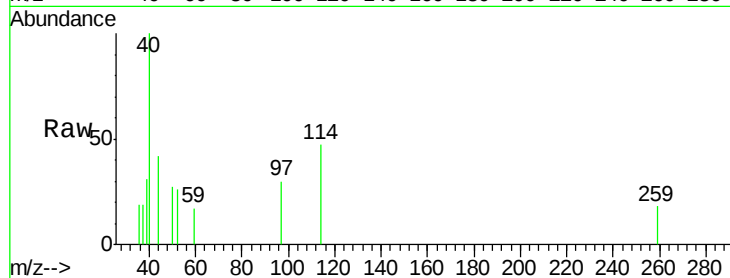




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

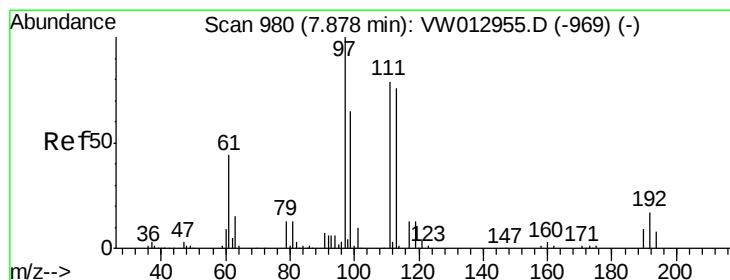
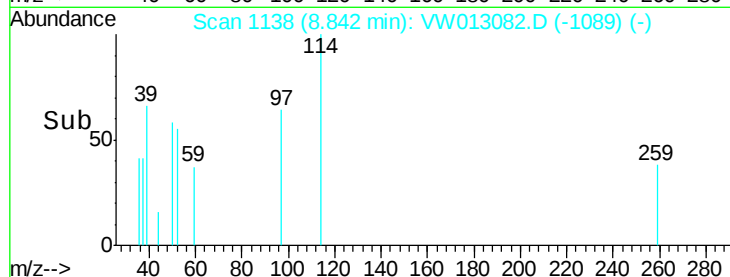
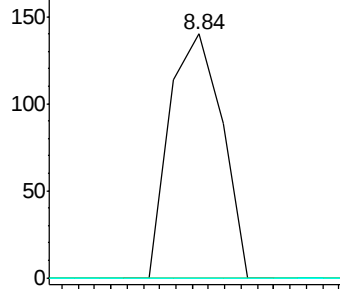
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	43.4
88	0.0	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

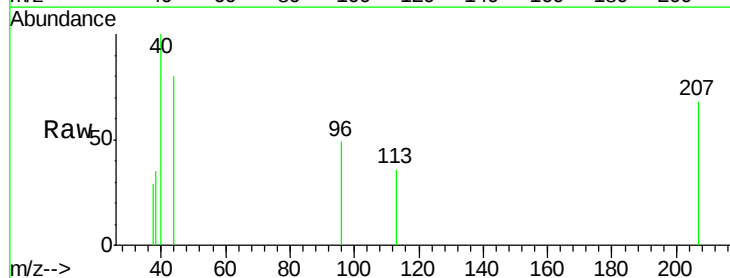
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 38.333 ug/l
 RT: 7.87 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

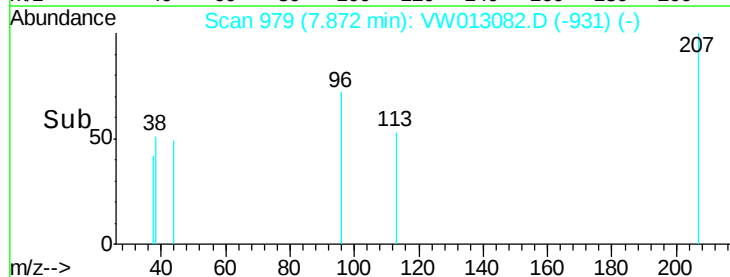
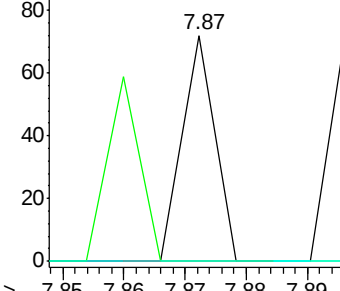
Tgt Ion	Ratio	Lower	Upper
113	100		
111	84.6	82.8	124.2
192	0.0	17.8	26.8#

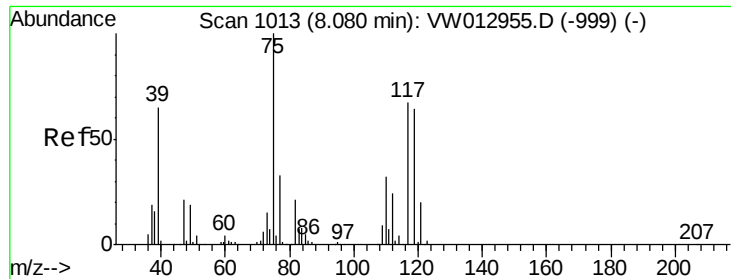


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

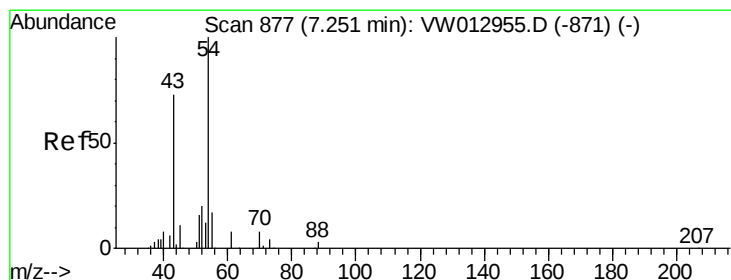
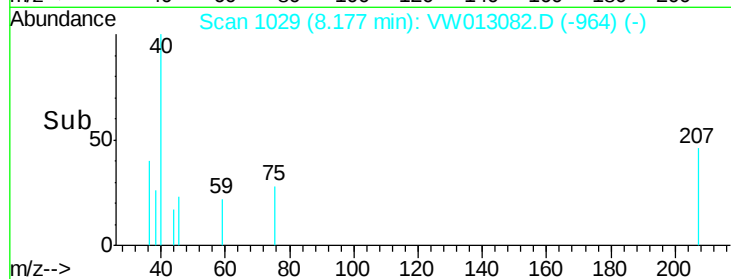
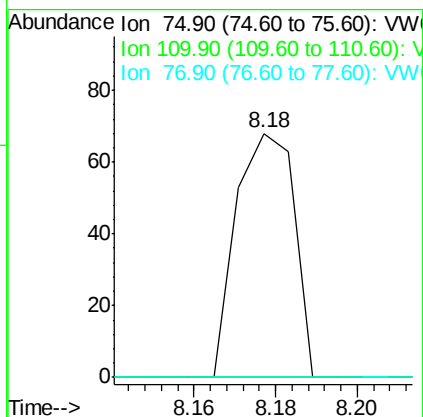
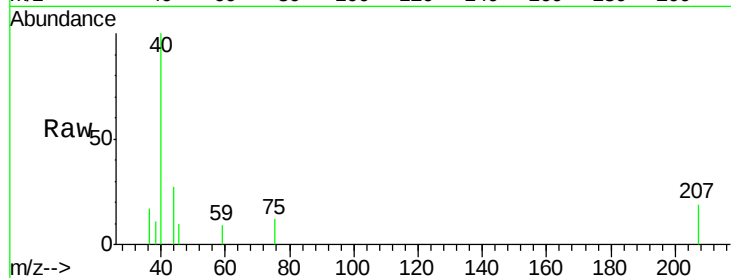




#36
 1,1-Dichloropropene
 Concen: 67.077 ug/l
 RT: 8.18 min Scan# 1029
 Delta R.T. 0.10 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

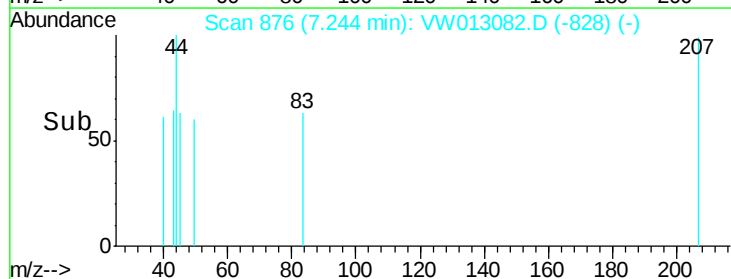
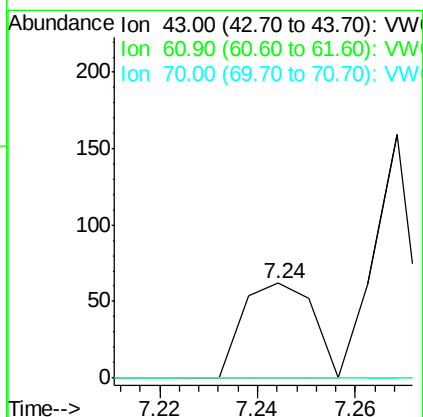
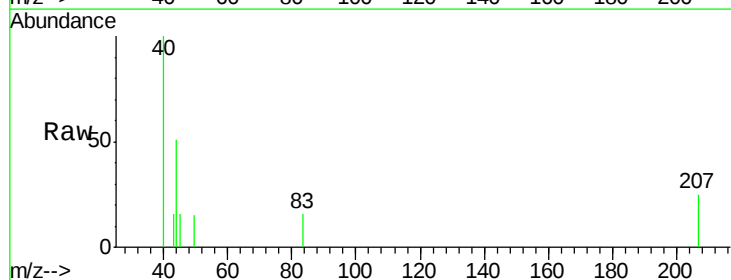
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

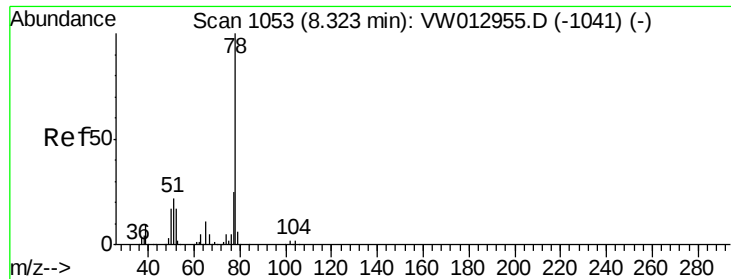
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 115.055 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.6	14.4#
70	0.0	7.6	11.4#





#40

Benzene

Concen: 32.993 ug/l

RT: 8.35 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

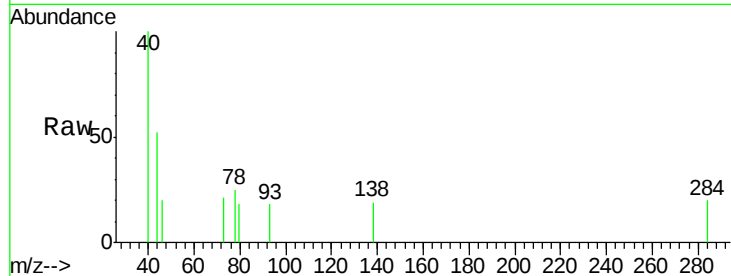
PL-02-091619

Tot Ion: 78 Resp: 92

Ion Ratio Lower Upper

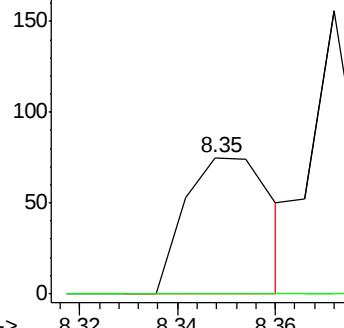
78 100

77 0.0 19.6 29.4#

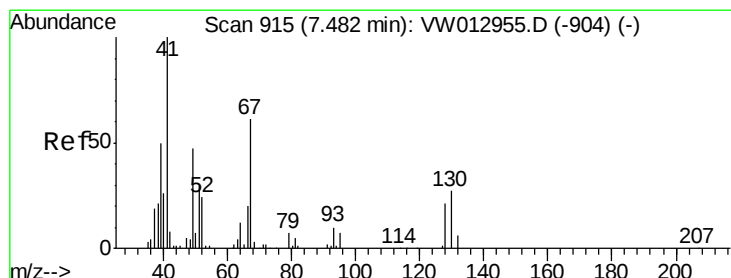
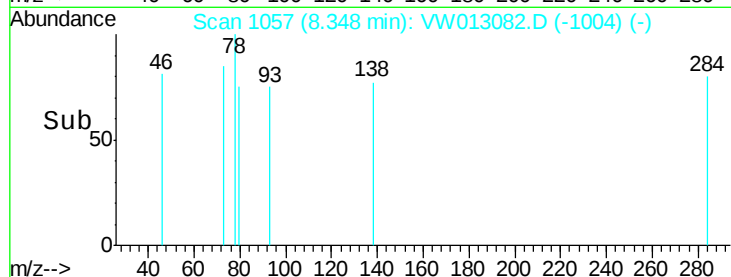


Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#41

Methacrylonitrile

Concen: 54.419 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.03 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Tgt Ion: 41 Resp: 19

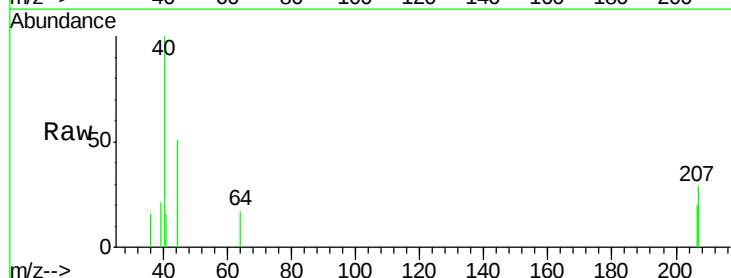
Ion Ratio Lower Upper

41 100

39 557.9 48.2 72.4#

67 0.0 47.5 71.3#

52 0.0 21.0 31.4#

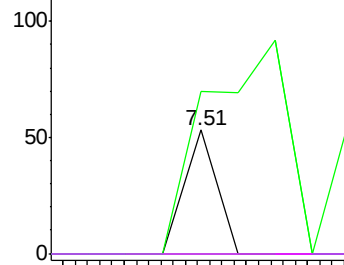


Abundance Ion 41.00 (40.70 to 41.70): VW

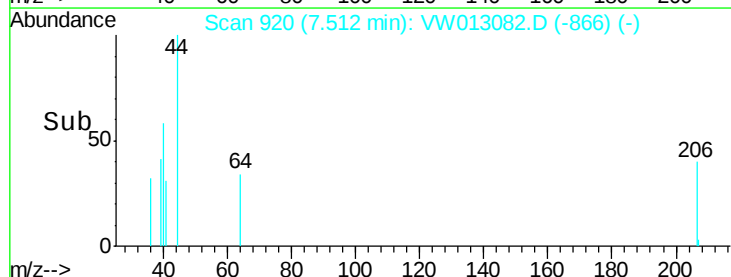
Ion 39.00 (38.70 to 39.70): VW

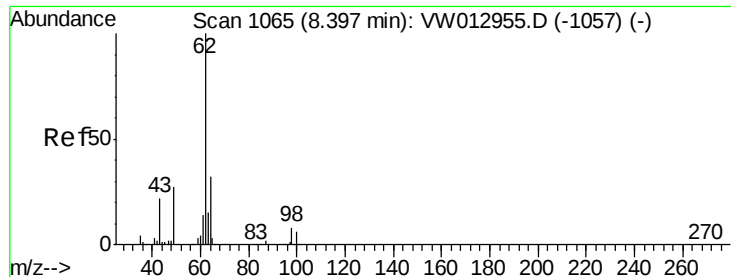
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



Time-->





#42

1,2-Dichloroethane

Concen: 29.954 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.10 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

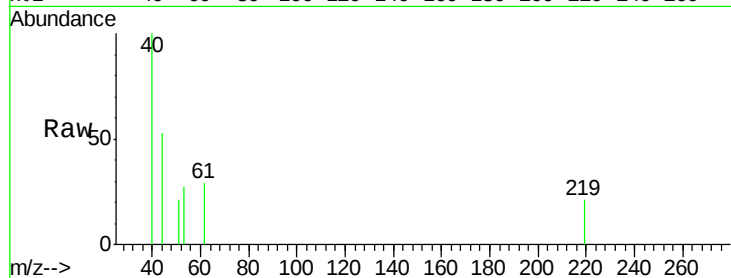
PL-02-091619

Tot Ion: 62 Resp: 28

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.8



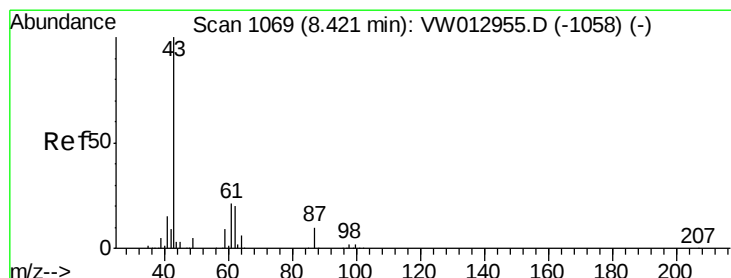
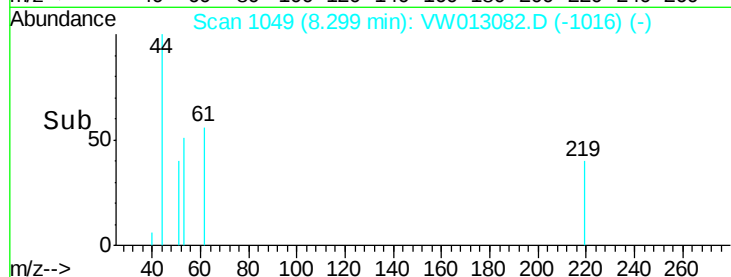
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.30

8.28 8.29 8.30 8.31

Time-->



#43

Isopropyl Acetate

Concen: 84.482 ug/l

RT: 8.46 min Scan# 1075

Delta R.T. 0.04 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

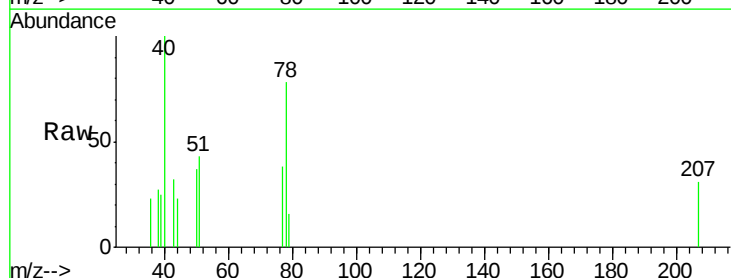
Tgt Ion: 43 Resp: 86

Ion Ratio Lower Upper

43 100

61 0.0 22.7 34.1#

87 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

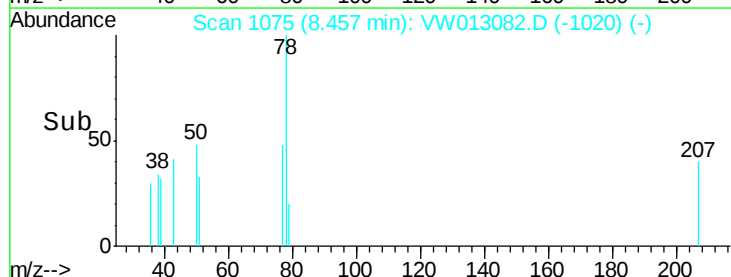
Ion 61.00 (60.70 to 61.70): VW

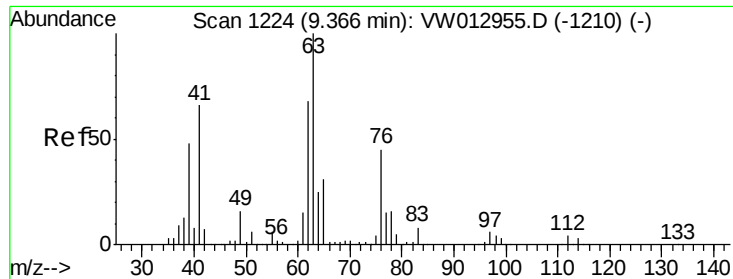
Ion 87.00 (86.70 to 87.70): VW

8.46

8.44 8.46 8.48

Time-->

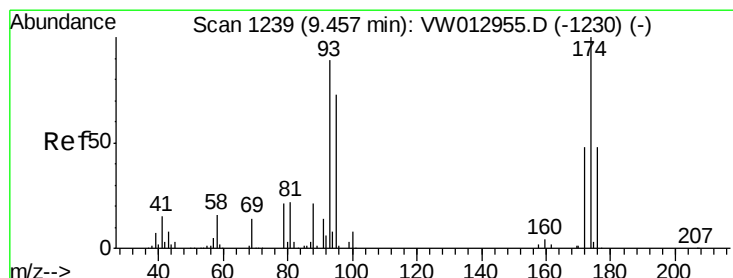
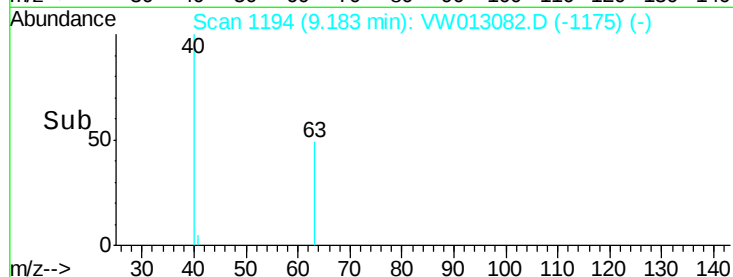
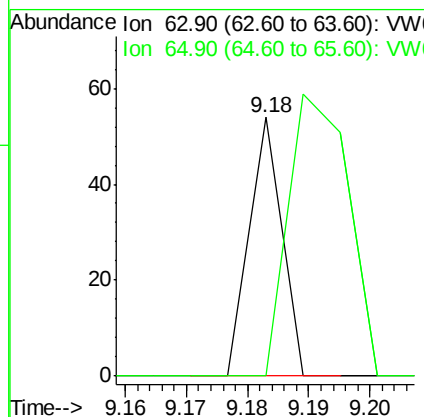
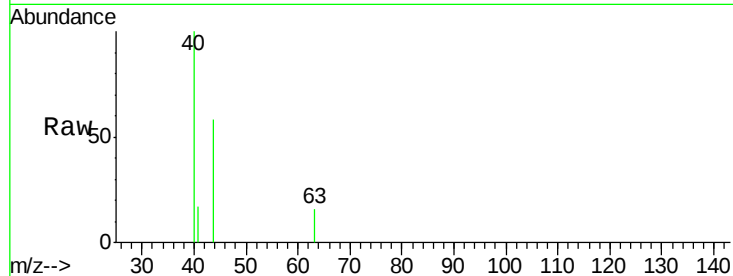




#45
 1,2-Dichloropropane
 Concen: 26.996 ug/l
 RT: 9.18 min Scan# 1194
 Delta R.T. -0.18 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

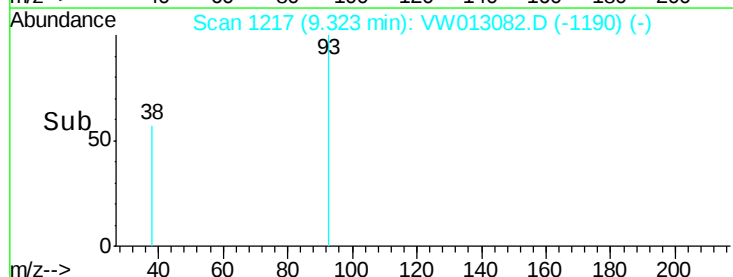
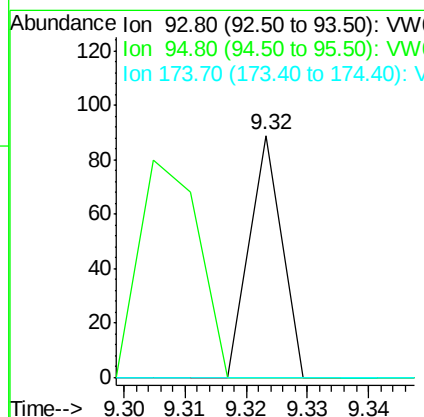
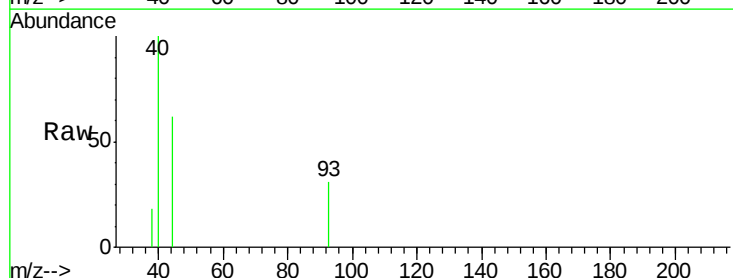
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

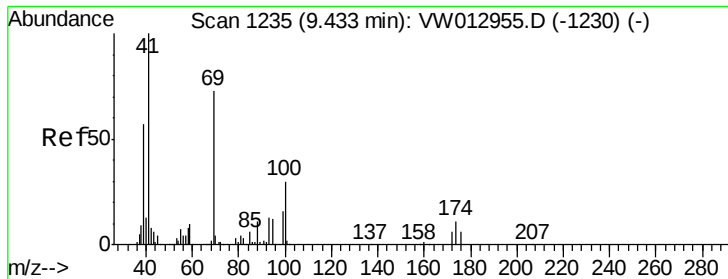
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 37.0#



#46
 Dibromomethane
 Concen: 92.973 ug/l
 RT: 9.32 min Scan# 1217
 Delta R.T. -0.13 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Tgt Ion: 93 Resp: 33
 Ion Ratio Lower Upper
 93 100
 95 163.6 67.0 100.4#
 174 0.0 90.5 135.7#

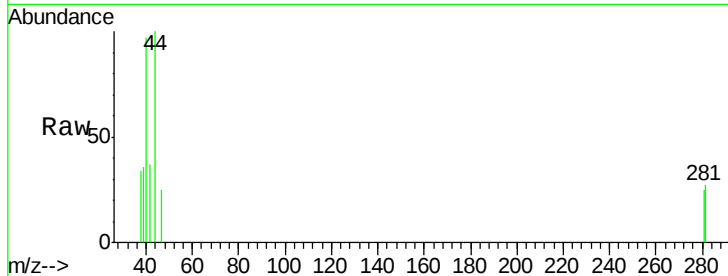




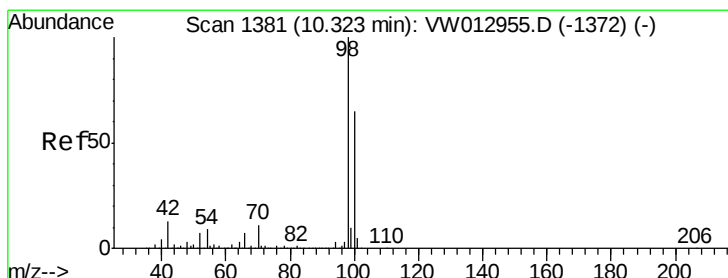
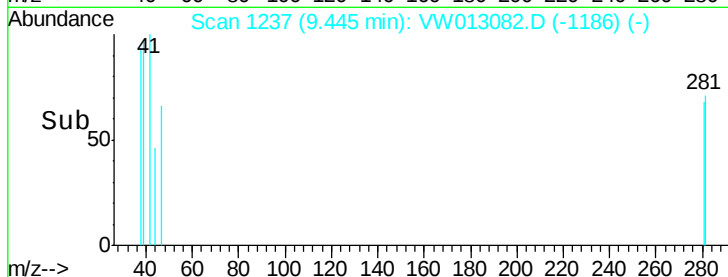
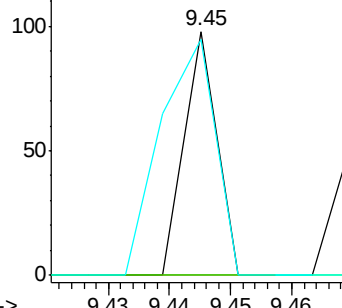
#48
Methvl methacrylate
Concen: 75.353 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Instrument :
MSVOA_W
ClientSampled :
PL-02-091619

Tot Ion: 41 Resp: 36
Ion Ratio Lower Upper
41 100
69 0.0 62.8 94.2#
39 163.9 48.5 72.7#

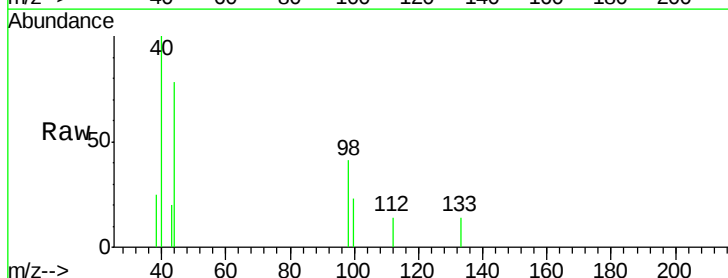


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

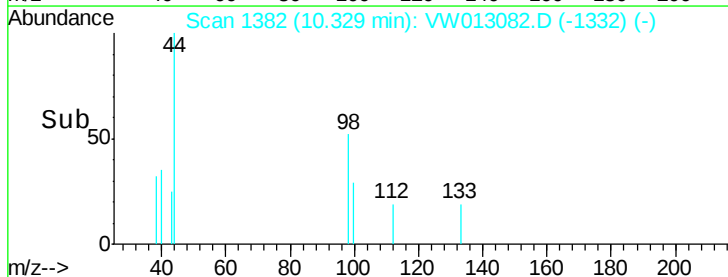
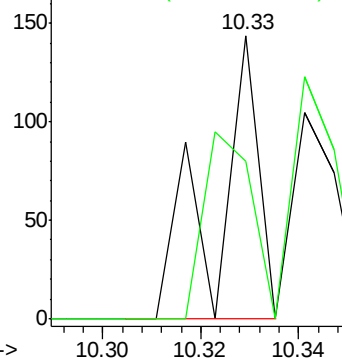


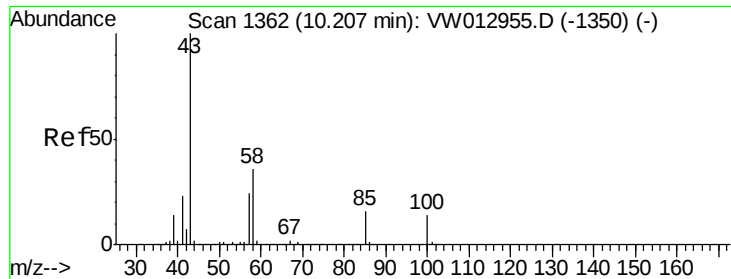
#50
Toluene-d8
Concen: 32.402 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 98 Resp: 86
Ion Ratio Lower Upper
98 100
100 74.4 52.1 78.1



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: 43.763 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

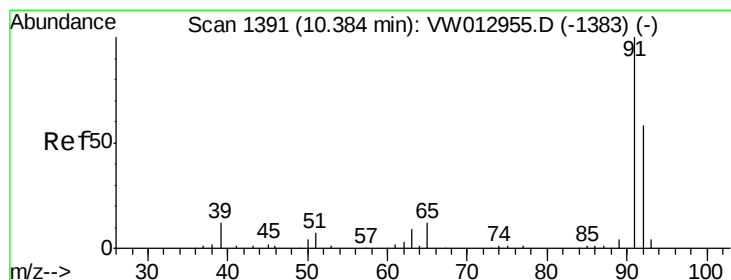
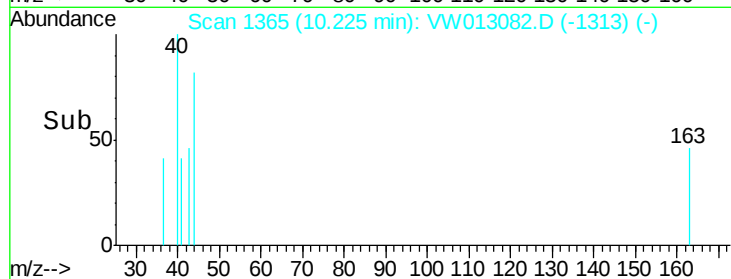
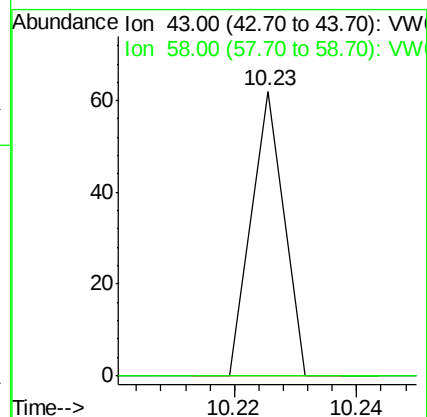
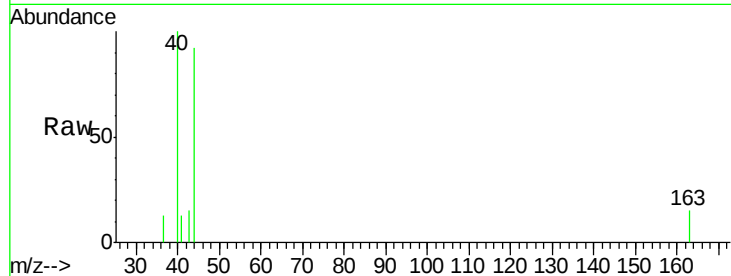
PL-02-091619

Tot Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#



#52

Toluene

Concen: 12.980 ug/l

RT: 10.27 min Scan# 1372

Delta R.T. -0.12 min

Lab File: VW013082.D

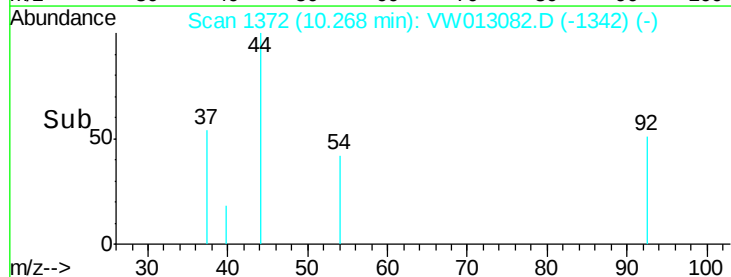
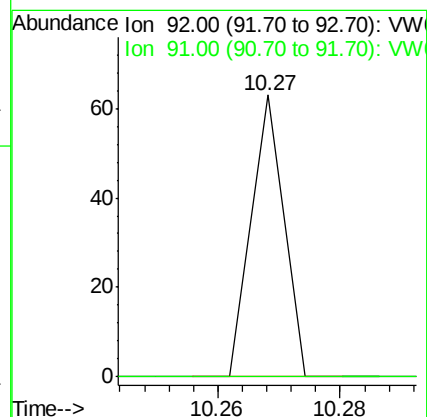
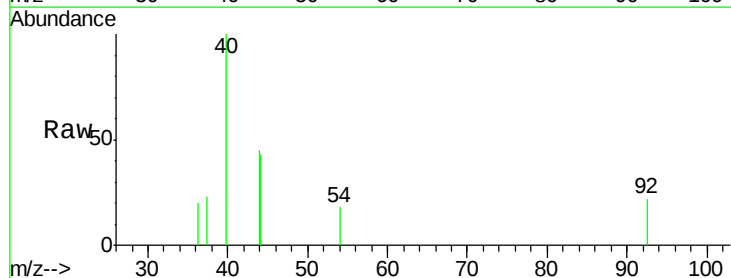
Acq: 17 Sep 2019 11:45

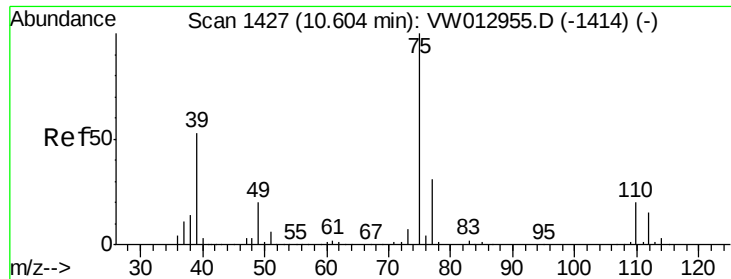
Tgt Ion: 92 Resp: 23

Ion Ratio Lower Upper

92 100

91 0.0 137.5 206.3#





#53

t-1,3-Dichloropropene

Concen: 46.939 ug/l

RT: 10.36 min Scan# 1387

Delta R.T. -0.24 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

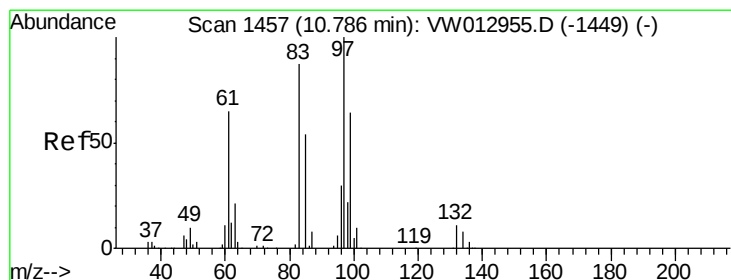
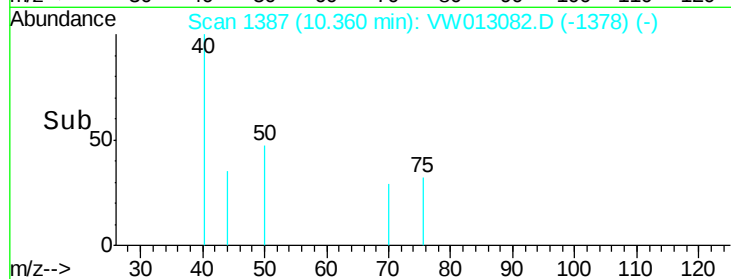
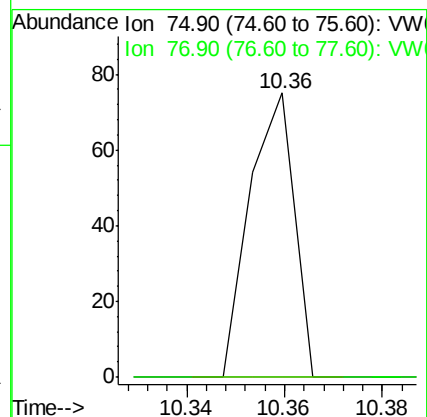
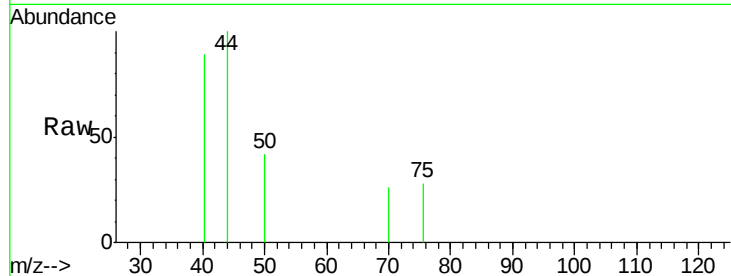
PL-02-091619

Tot Ion: 75 Resp: 47

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#55

1,1,2-Trichloroethane

Concen: 92.470 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Tgt Ion: 97 Resp: 50

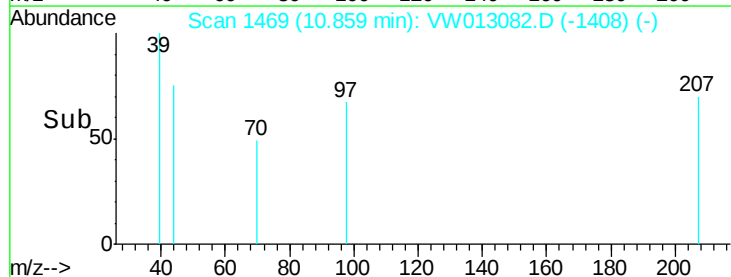
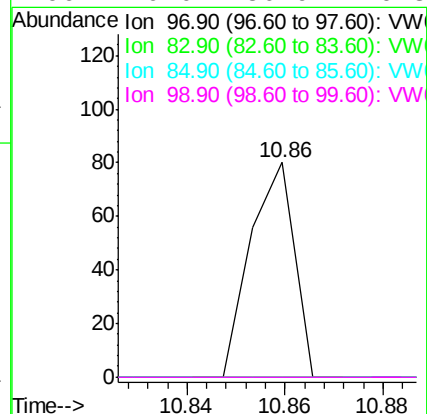
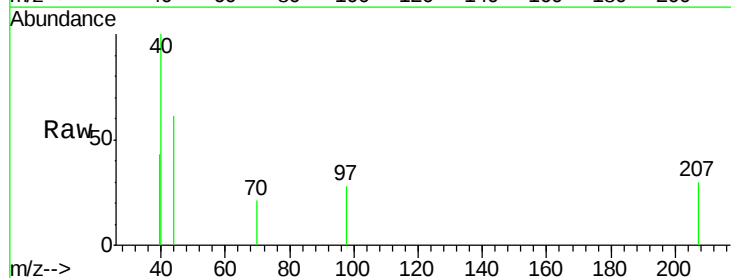
Ion Ratio Lower Upper

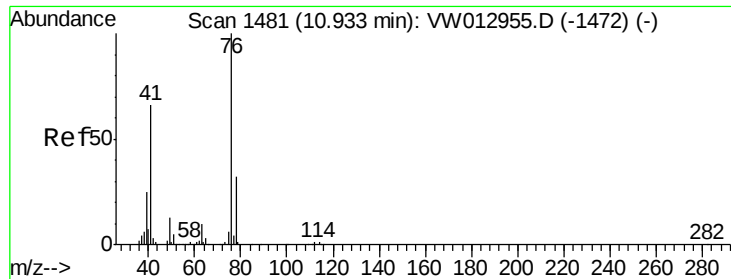
97 100

83 0.0 69.4 104.0#

85 0.0 43.3 64.9#

99 0.0 50.9 76.3#

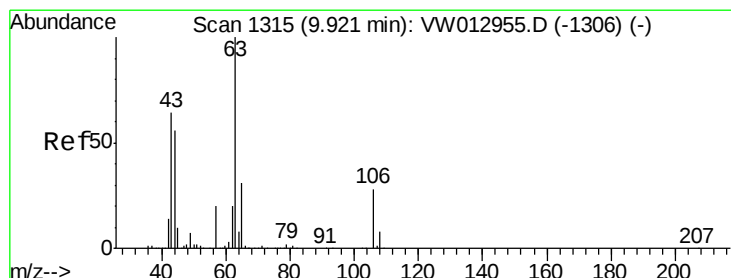
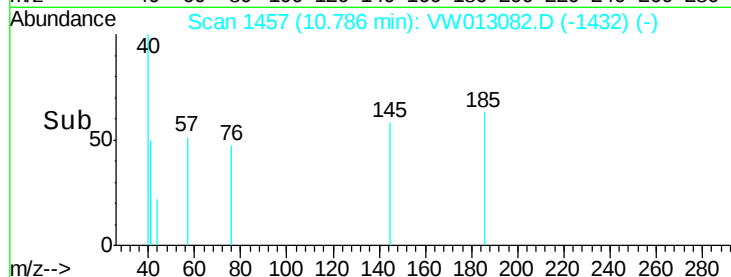
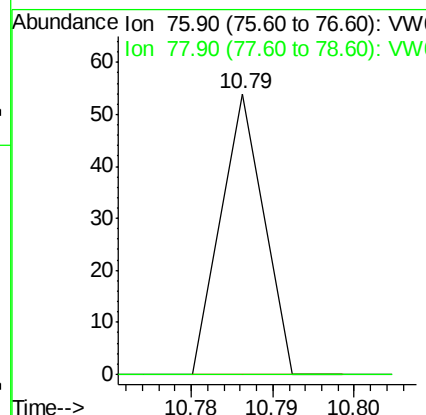
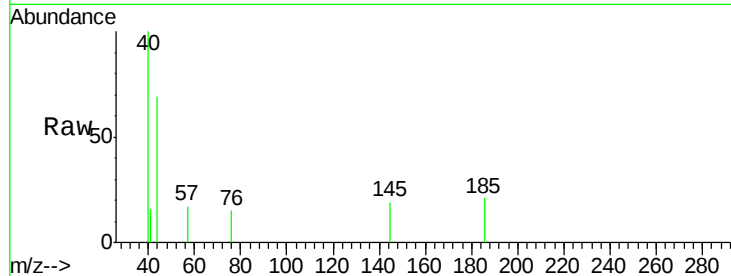




#57
 1,3-Dichloropropane
 Concen: 20.851 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.15 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

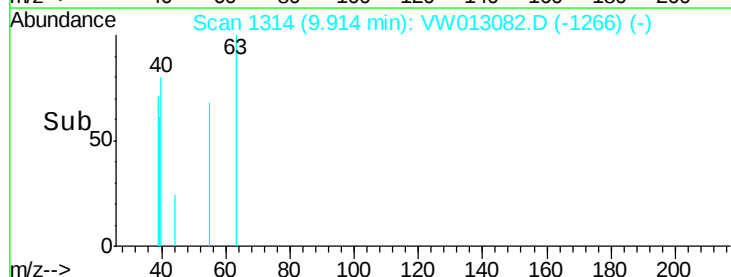
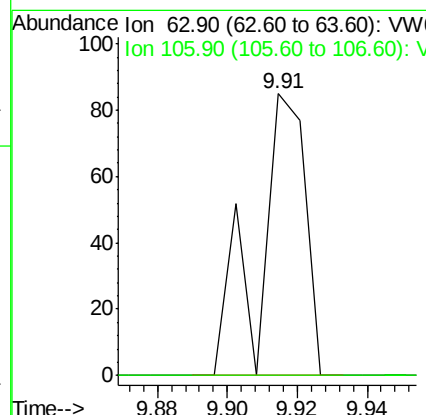
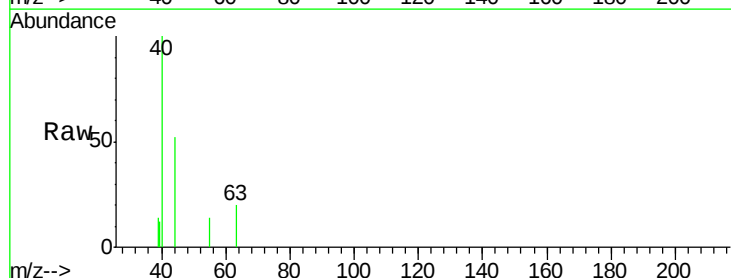
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-091619

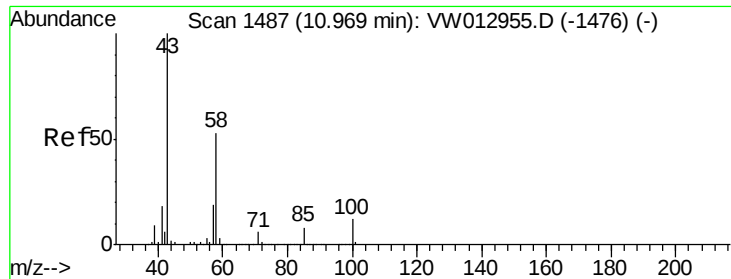
Tot Ion: 76 Resp: 20
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 199.782 ug/l
 RT: 9.91 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VW013082.D
 Acq: 17 Sep 2019 11:45

Tgt Ion: 63 Resp: 78
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#

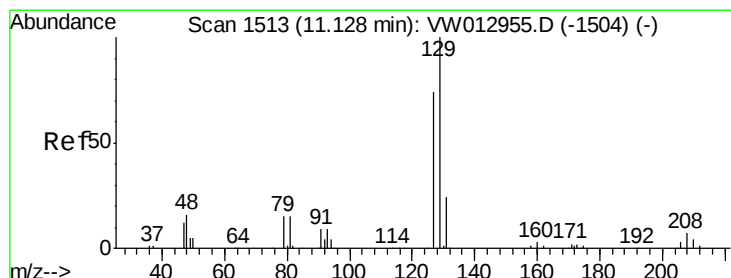
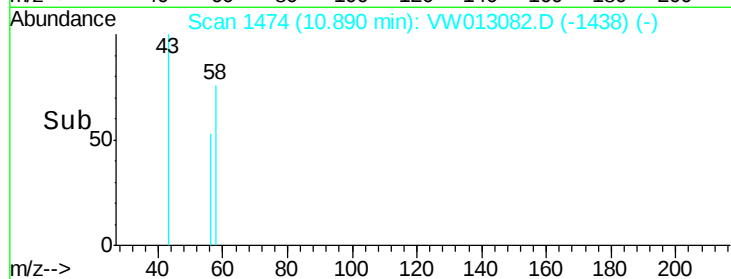
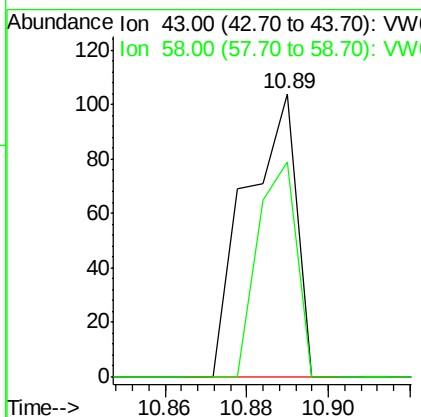
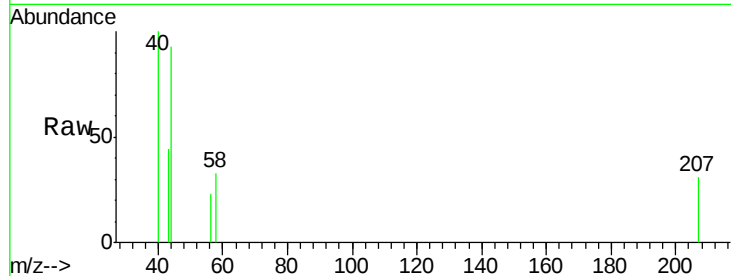




#59
2-Hexanone
Concen: 243.204 ug/l
RT: 10.89 min Scan# 1474
Delta R.T. -0.08 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

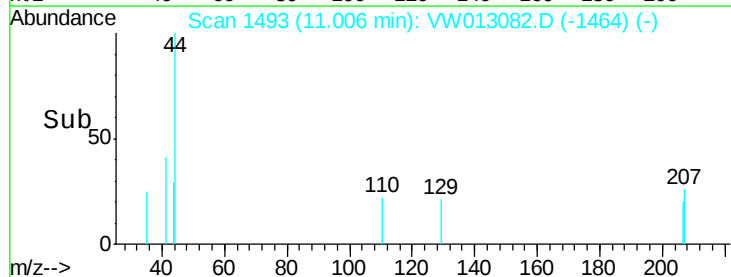
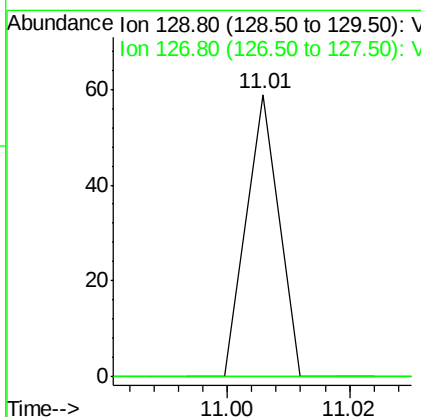
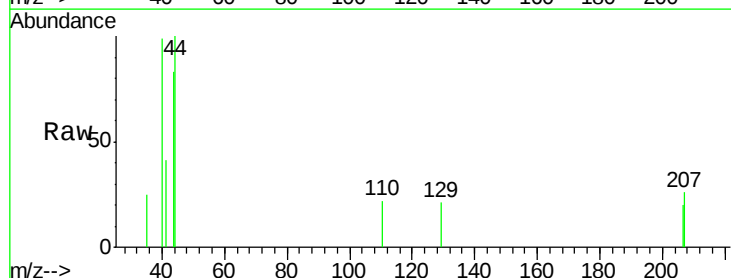
Instrument :
MSVOA_W
ClientSampleId :
PL-02-091619

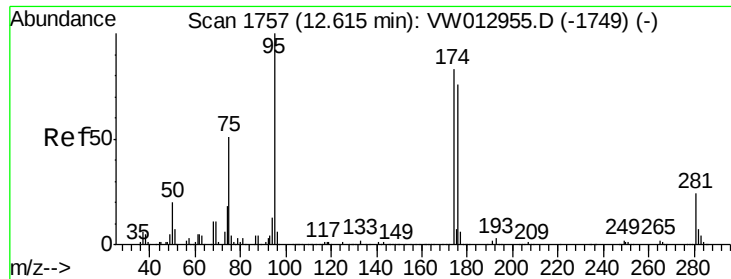
Tot Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 59.6 25.8 77.3



#60
Dibromochloromethane
Concen: 33.653 ug/l
RT: 11.01 min Scan# 1493
Delta R.T. -0.12 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 37.4 112.2#





#62

4-Bromofluorobenzene

Concen: 66.012 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.02 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

PL-02-091619

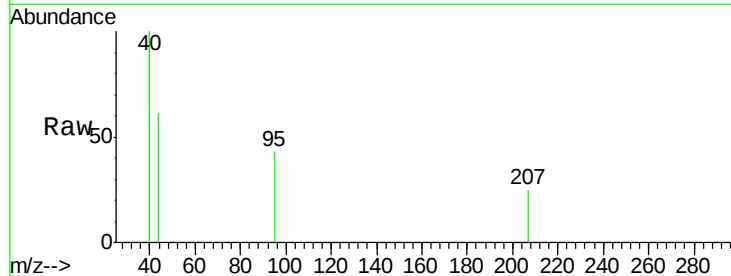
Tot Ion: 95 Resp: 63

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.4

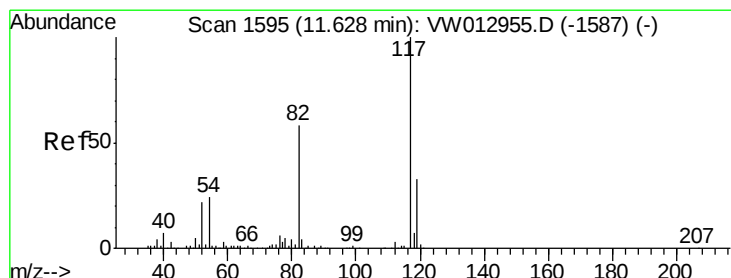
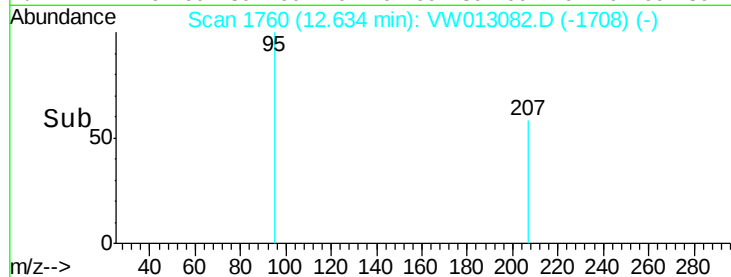
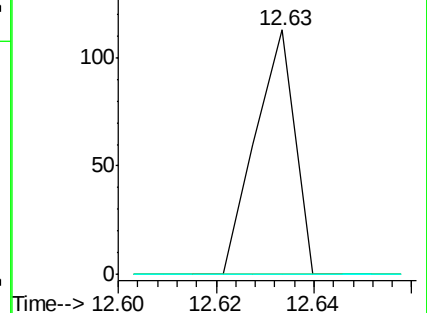
176 0.0 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

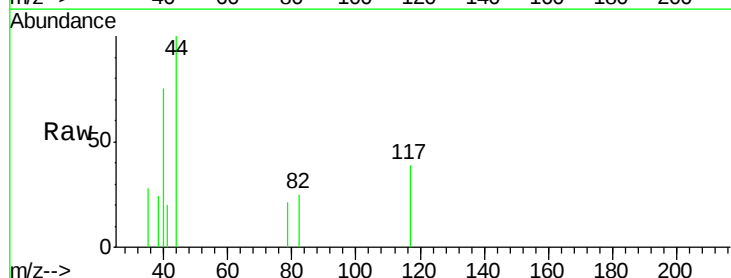
Tgt Ion: 117 Resp: 111

Ion Ratio Lower Upper

117 100

82 64.2 46.3 69.5

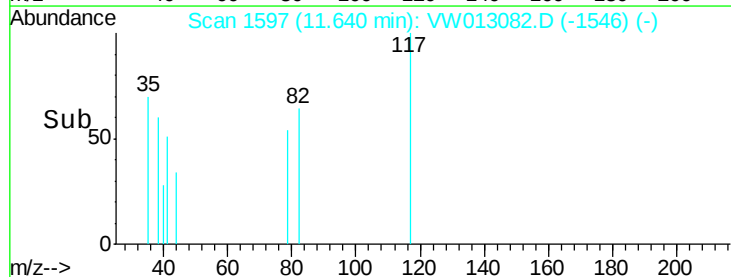
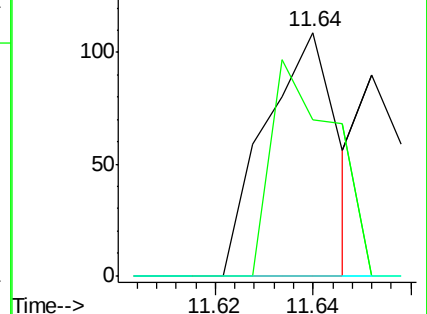
119 0.0 26.2 39.4#

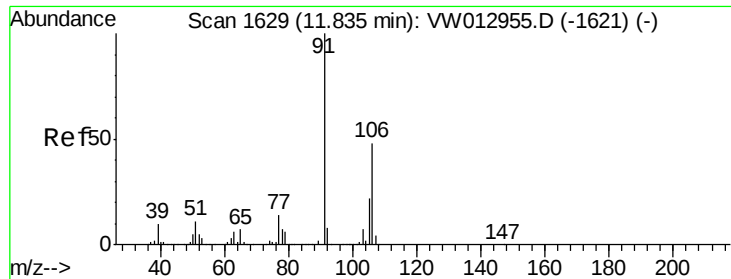


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#68

m/p-Xylenes

Concen: 14.243 ug/l

RT: 12.02 min Scan# 1660

Delta R.T. 0.19 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

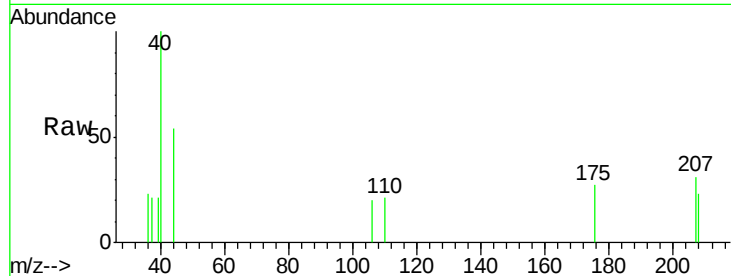
PL-02-091619

Tot Ion:106 Resp: 19

Ion Ratio Lower Upper

106 100

91 0.0 165.8 248.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

12.02

60

50

40

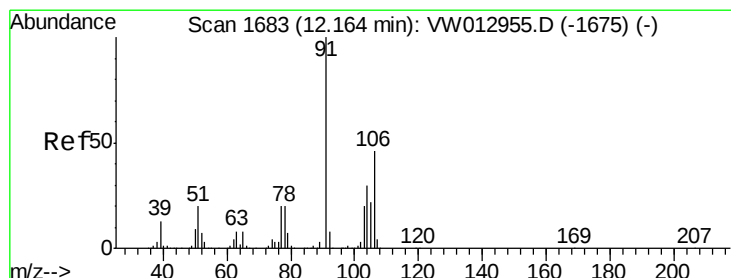
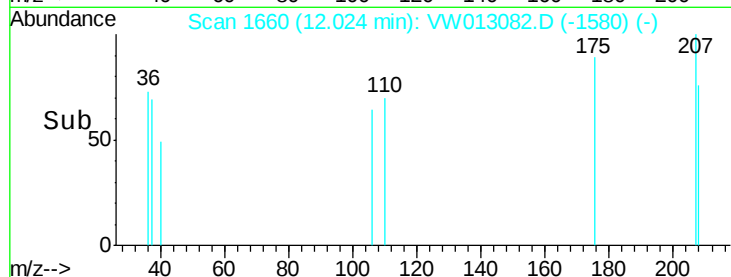
30

20

10

0

Time--> 12.00 12.02 12.04



#69

o-Xylene

Concen: 15.192 ug/l

RT: 12.02 min Scan# 1660

Delta R.T. -0.14 min

Lab File: VW013082.D

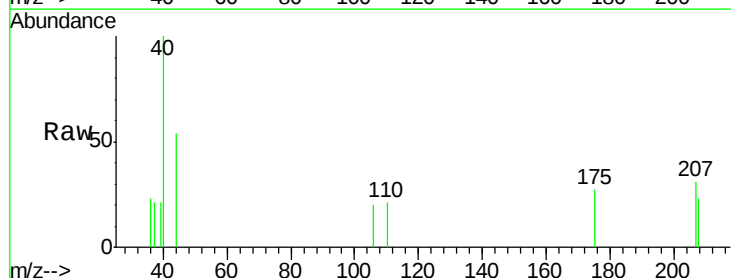
Acq: 17 Sep 2019 11:45

Tgt Ion:106 Resp: 19

Ion Ratio Lower Upper

106 100

91 0.0 109.7 329.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

12.02

60

50

40

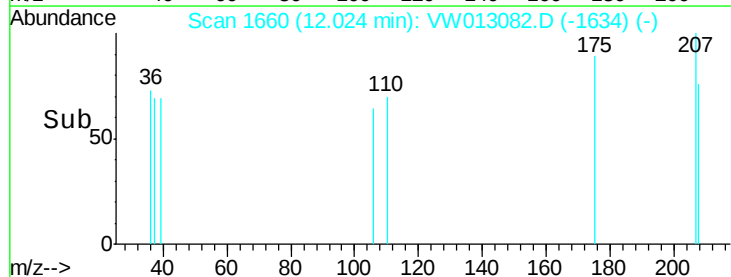
30

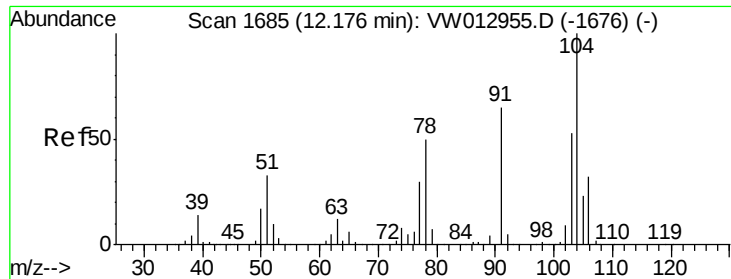
20

10

0

Time--> 12.00 12.02 12.04





#70

Stvrene

Concen: 30.116 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

PL-02-091619

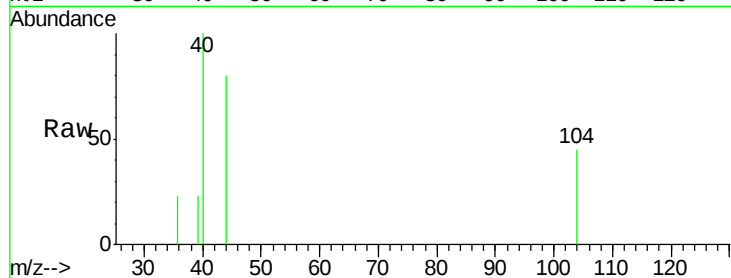
Tot Ion:104 Resp: 67

Ion Ratio Lower Upper

104 100

78 0.0 42.1 63.1#

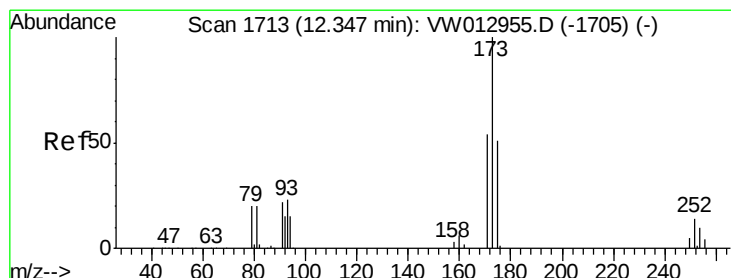
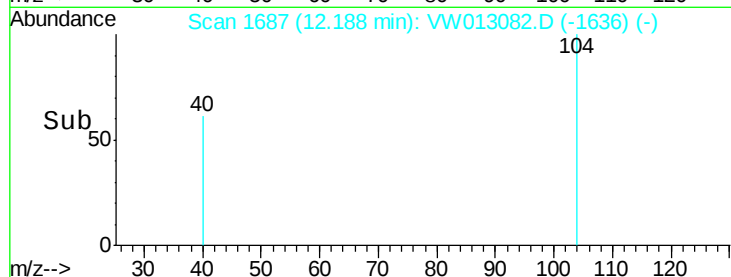
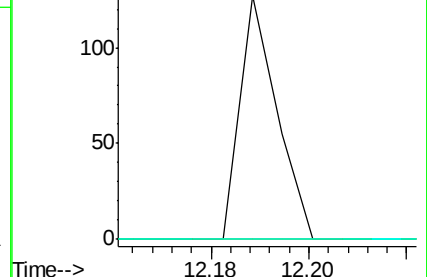
103 0.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.765 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013082.D

Acq: 17 Sep 2019 11:45

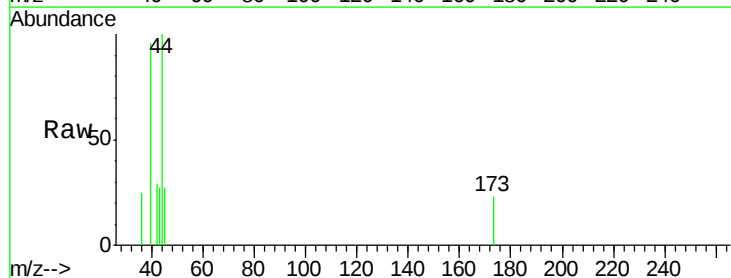
Tgt Ion:173 Resp: 21

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

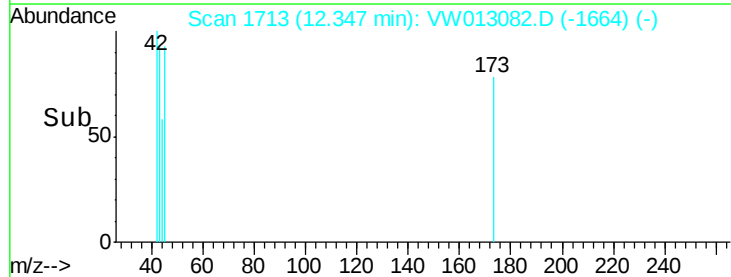
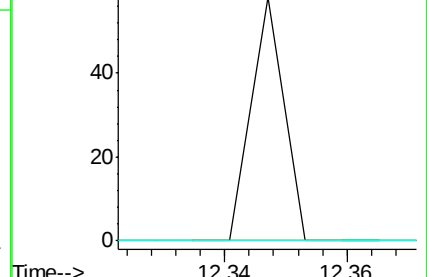
254 0.0 0.1 0.1#

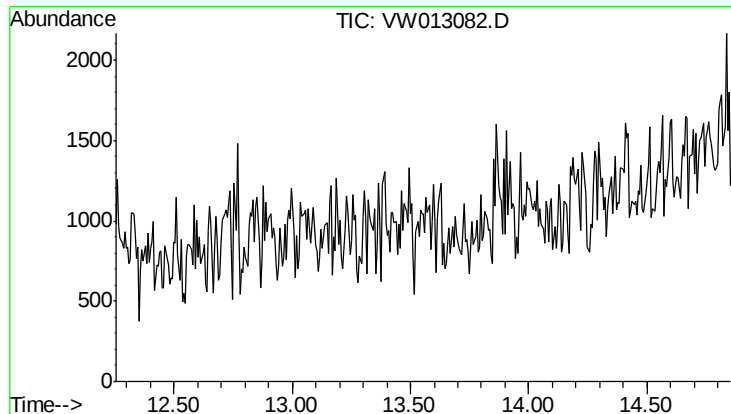


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.55 min
Lab File: VW013082.D
Acq: 17 Sep 2019 11:45

Instrument :
MSVOA_W
ClientSampleId :
PL-02-091619

Tot Ion	152
Sig	Exp Ratio
152	100
115	57.6
150	170.1

