

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012530.D
 Acq On : 03 Sep 2019 05:49
 Operator : SY/VA
 Sample : K4544-17
 Misc : 2.78G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(2.25)

Quant Time: Sep 03 07:47:26 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	7.97	168	361	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.85	114	495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	99	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	593	138.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.36%	
35) Dibromofluoromethane	7.88	113	616	208.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	416.96%	
50) Toluene-d8	10.34	98	537	44.82	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.62	95	100	23.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.36%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	82	23.811	ug/l #	43
6) Chloroethane	2.92	64	23	9.673	ug/l #	45
11) Tert butyl alcohol	5.26	59	19	73.571	ug/l #	71
14) Allyl chloride	4.57	41	59	7.622	ug/l #	1
15) Acrylonitrile	5.38	53	21	21.089	ug/l #	17
16) Acetone	4.13	43	336	306.297	ug/l	99
18) Methyl Acetate	4.61	43	45	16.562	ug/l #	57
19) Methyl tert-butyl Ether	5.54	73	44	7.514	ug/l #	52
22) Diisopropyl ether	6.29	45	24	1.673	ug/l #	53
23) Vinyl Acetate	6.30	43	72	8.153	ug/l #	77
24) 1,1-Dichloroethane	6.30	63	19	2.432	ug/l #	84
25) 2-Butanone	7.18	43	60	40.251	ug/l #	56
26) 2,2-Dichloropropane	7.38	77	24	5.427	ug/l #	54
28) Bromochloromethane	7.55	49	45	13.215	ug/l #	24
29) Tetrahydrofuran	7.57	42	22	24.599	ug/l #	42
37) Ethyl Acetate	7.18	43	60	21.405	ug/l #	73
40) Benzene	8.43	78	926	66.296	ug/l	94
41) Methacrylonitrile	7.47	41	28	16.996	ug/l #	27
42) 1,2-Dichloroethane	8.48	62	23	5.254	ug/l #	77
43) Isopropyl Acetate	8.42	43	43	8.282	ug/l #	55
45) 1,2-Dichloropropane	9.57	63	22	5.852	ug/l #	43
48) Methyl methacrylate	9.43	41	24	9.712	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	53	20.069	ug/l #	40
54) cis-1,3-Dichloropropene	9.84	75	21	3.836	ug/l #	28
55) 1,1,2-Trichloroethane	10.95	97	22	9.297	ug/l #	14
56) Ethyl methacrylate	10.52	69	21	6.097	ug/l #	1
59) 2-Hexanone	11.09	43	38	20.336	ug/l #	28
65) Chlorobenzene	11.86	112	19	2.400	ug/l #	42
74) N-amyl acetate	12.29	43	50	22.309	ug/l #	47
83) tert-Butylbenzene	12.93	119	21	3.999	ug/l #	24
87) 1,3-Dichlorobenzene	13.26	146	20	6.371	ug/l #	24
89) n-Butylbenzene	13.65	91	21	3.143	ug/l #	33

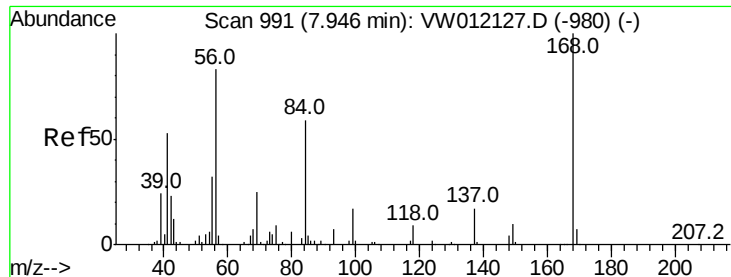
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012530.D
Acq On : 03 Sep 2019 05:49
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 995

Delta R.T. 0.02 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

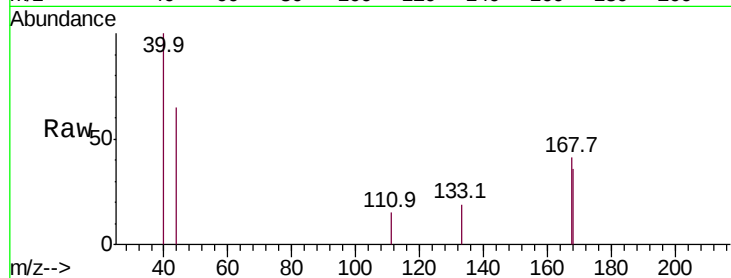
T16-17-C3-(2.25)

Tot Ion:168 Resp: 361

Ion Ratio Lower Upper

168 100

99 0.0 49.2 73.8#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.97

300

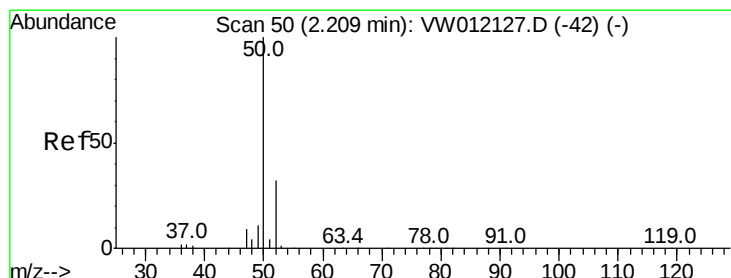
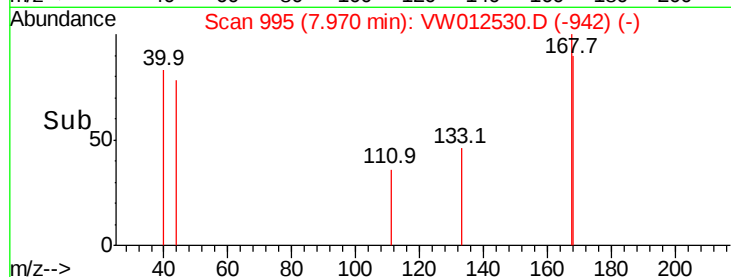
200

100

0

7.94 7.96 7.98 8.00

Time-->



#3

Chloromethane

Concen: 23.811 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012530.D

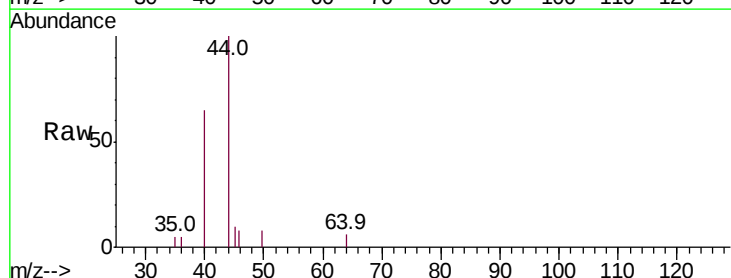
Acq: 03 Sep 2019 05:49

Tgt Ion: 50 Resp: 82

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

80

60

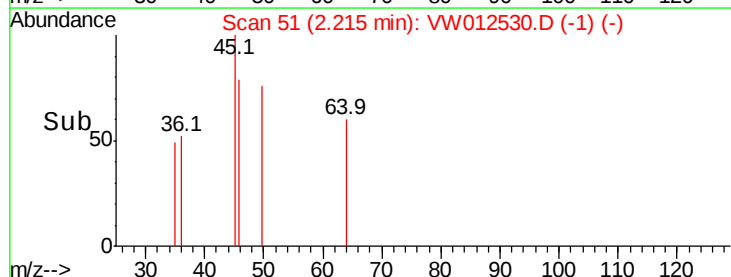
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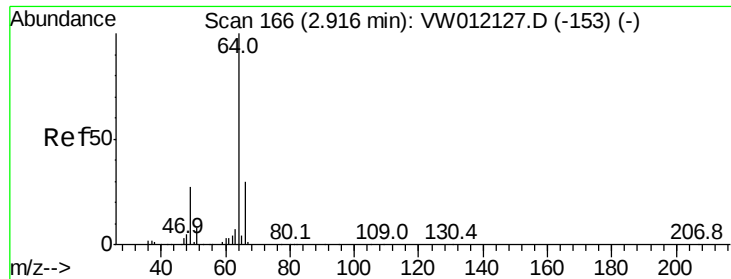
20

0

2.20 2.22 2.24

Time-->





#6

Chloroethane

Concen: 9.673 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

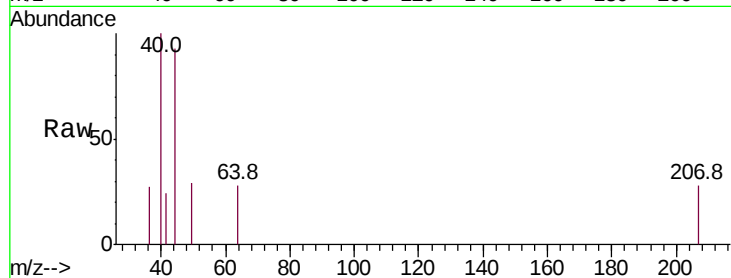
T16-17-C3-(2.25)

Tot Ion: 64 Resp: 23

Ion Ratio Lower Upper

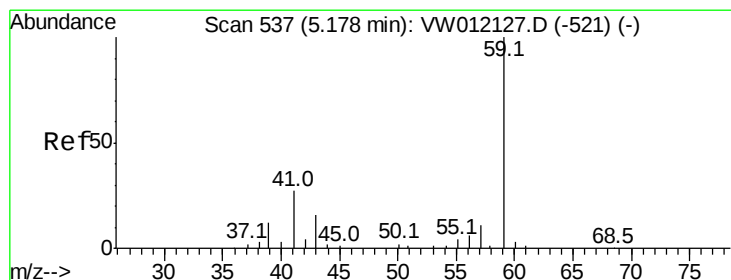
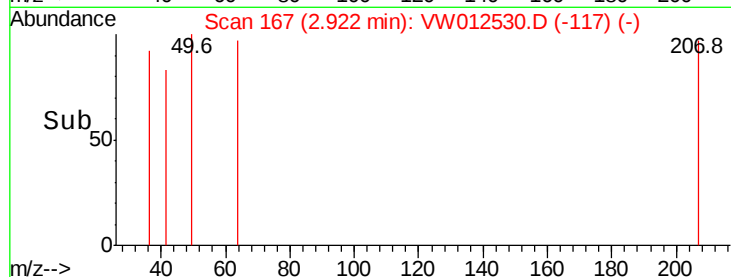
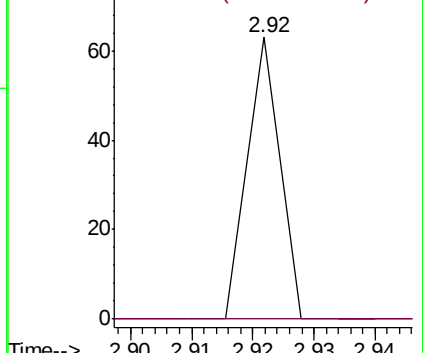
64 100

66 0.0 23.8 35.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#11

Tert butyl alcohol

Concen: 73.571 ug/l

RT: 5.26 min Scan# 550

Delta R.T. 0.08 min

Lab File: VW012530.D

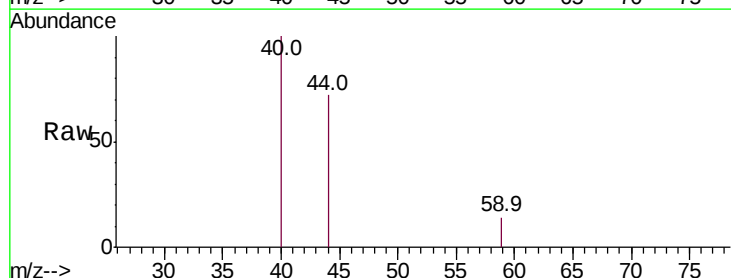
Acq: 03 Sep 2019 05:49

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

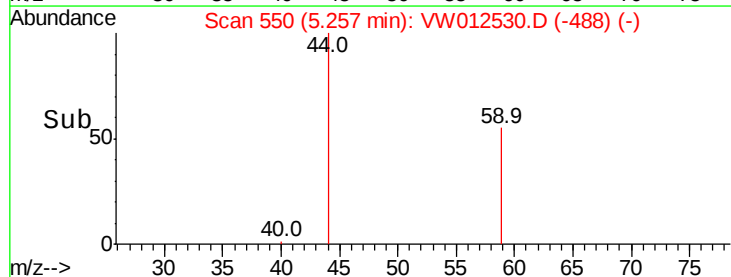
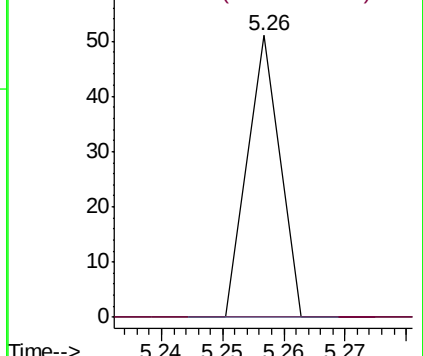
59 100

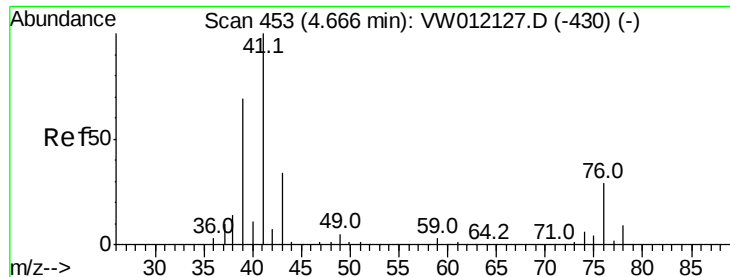
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#14

Allvl chloride

Concen: 7.622 ug/l

RT: 4.57 min Scan# 438

Delta R.T. -0.09 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(2.25)

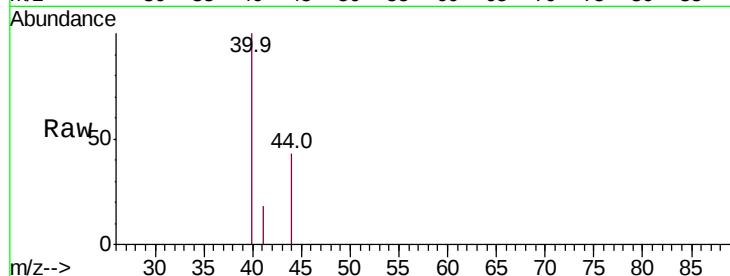
Tot Ion: 41 Resp: 59

Ion Ratio Lower Upper

41 100

39 249.2 53.4 80.2#

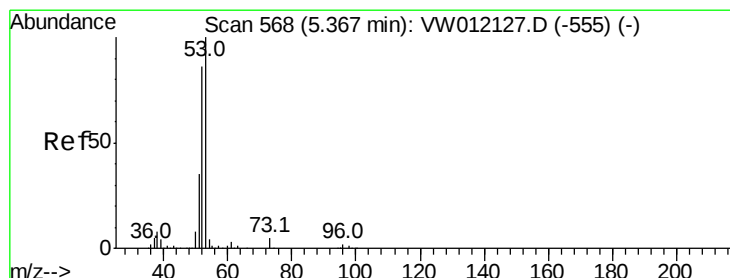
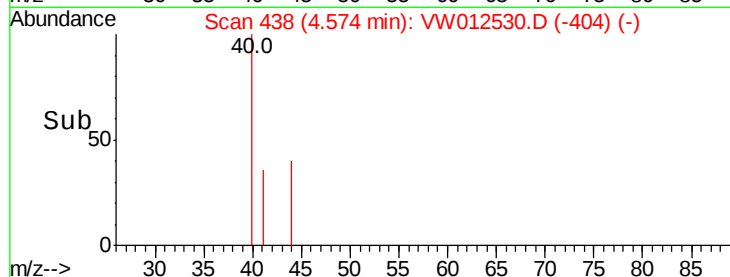
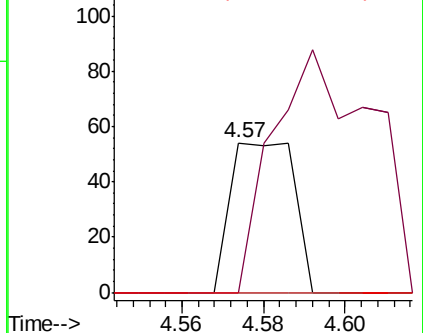
76 0.0 22.1 33.1#



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: 21.089 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.02 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

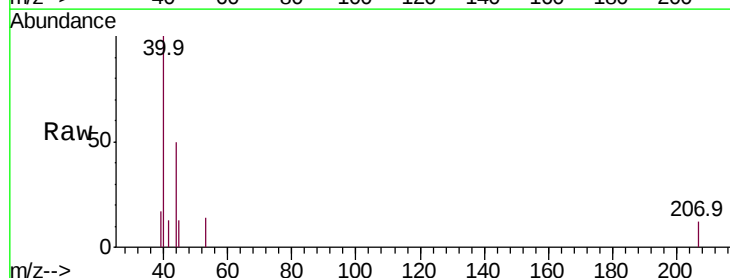
Tgt Ion: 53 Resp: 21

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

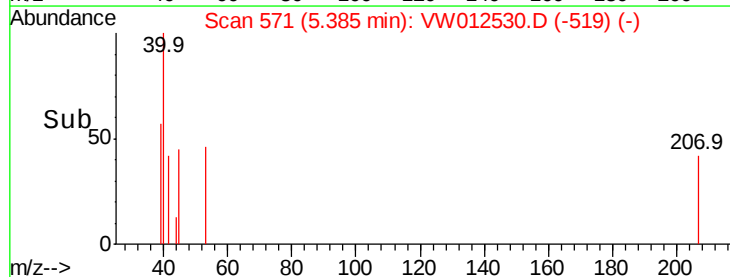
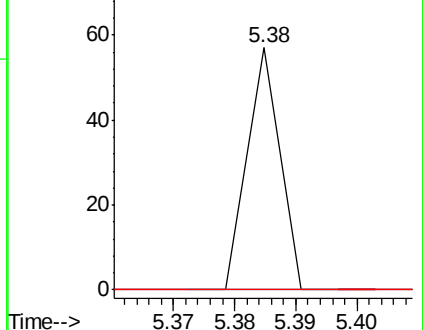
51 0.0 30.1 45.1#

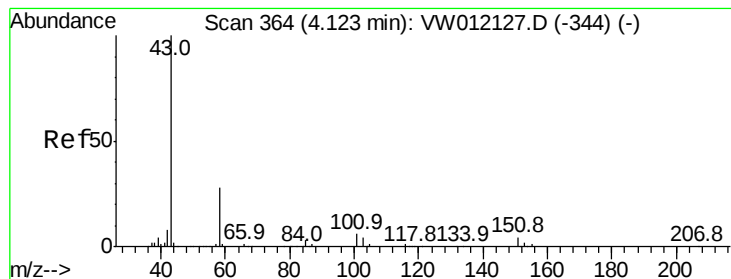


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 306.297 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

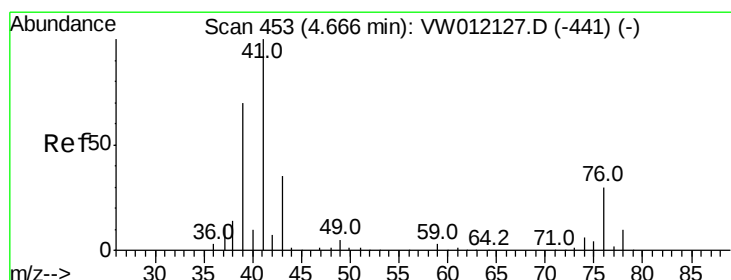
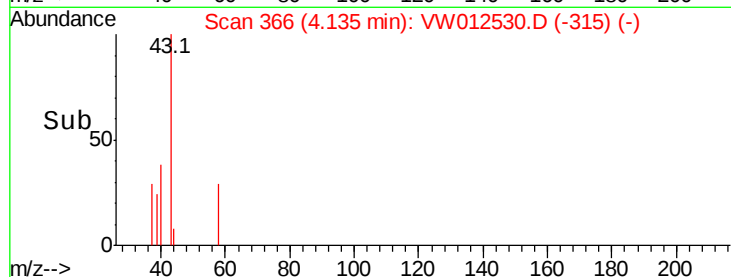
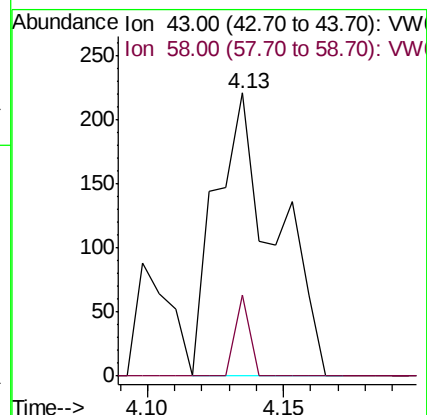
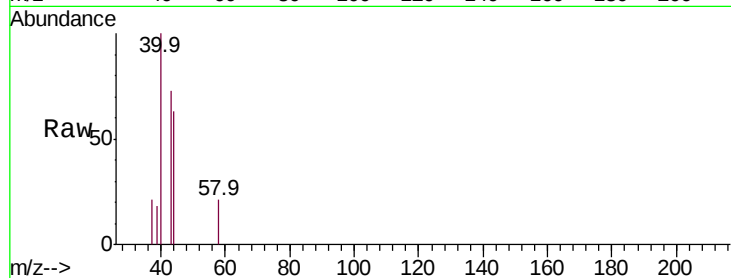
T16-17-C3-(2.25)

Tot Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6



#18

Methyl Acetate

Concen: 16.562 ug/l

RT: 4.61 min Scan# 444

Delta R.T. -0.06 min

Lab File: VW012530.D

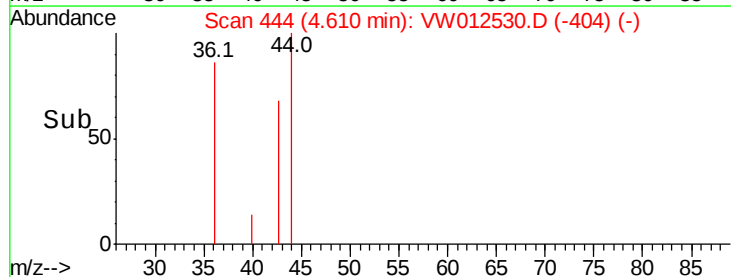
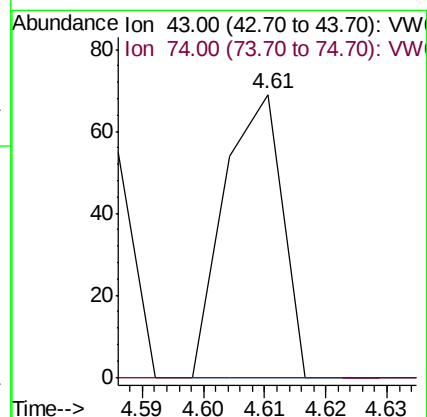
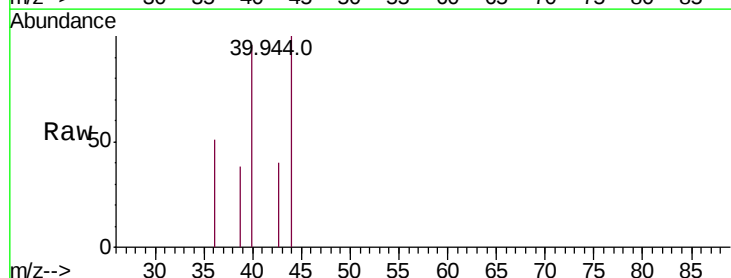
Acq: 03 Sep 2019 05:49

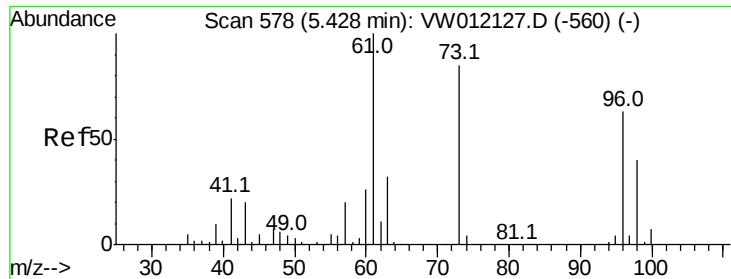
Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

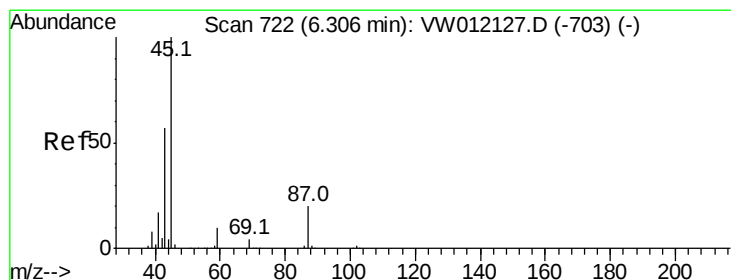
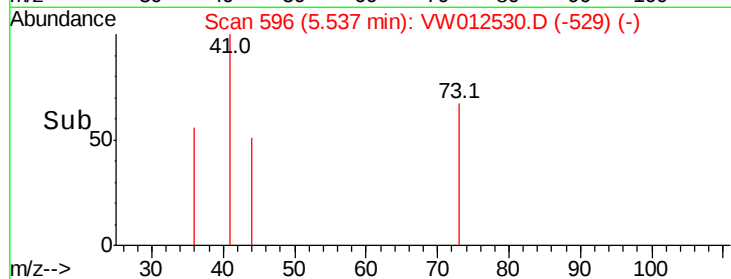
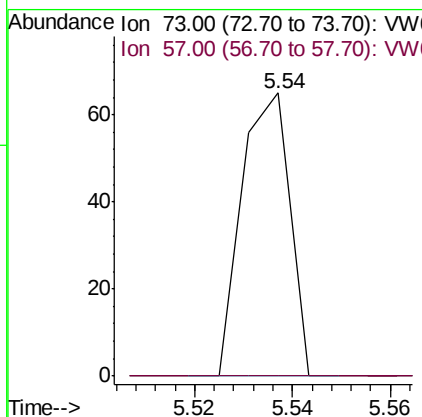
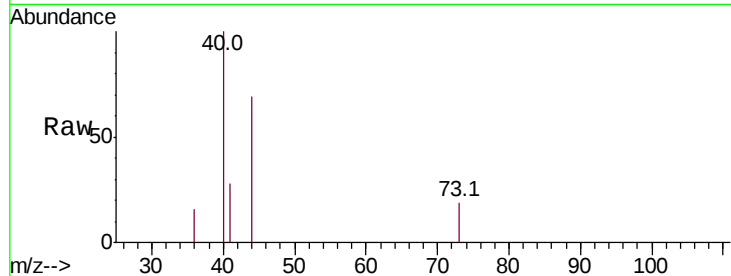




#19
Methyl tert-butyl Ether
Concen: 7.514 ug/l
RT: 5.54 min Scan# 596
Delta R.T. 0.11 min
Lab File: VW012530.D
Acq: 03 Sep 2019 05:49

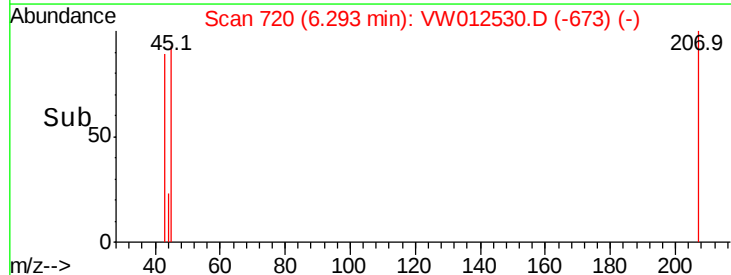
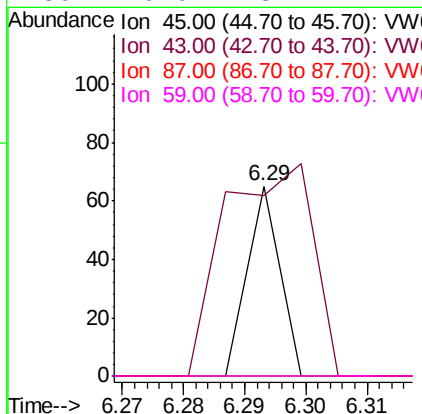
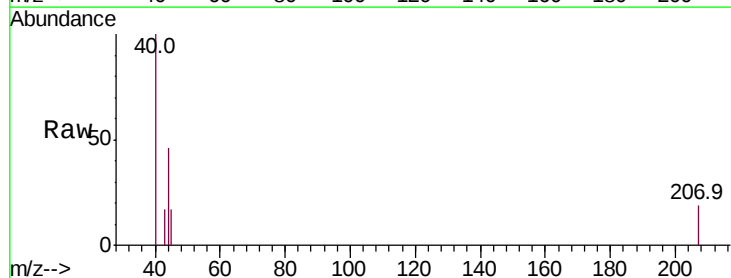
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C3-(2.25)

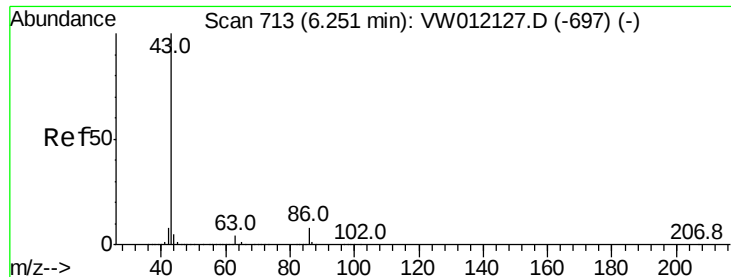
Tot Ion: 73 Resp: 44
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#



#22
Diisopropyl ether
Concen: 1.673 ug/l
RT: 6.29 min Scan# 720
Delta R.T. -0.01 min
Lab File: VW012530.D
Acq: 03 Sep 2019 05:49

Tgt Ion: 45 Resp: 24
Ion Ratio Lower Upper
45 100
43 95.4 45.5 68.3#
87 0.0 16.1 24.1#
59 0.0 8.2 12.2#





#23

Vinyl Acetate

Concen: 8.153 ug/l

RT: 6.30 min Scan# 721

Delta R.T. 0.05 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

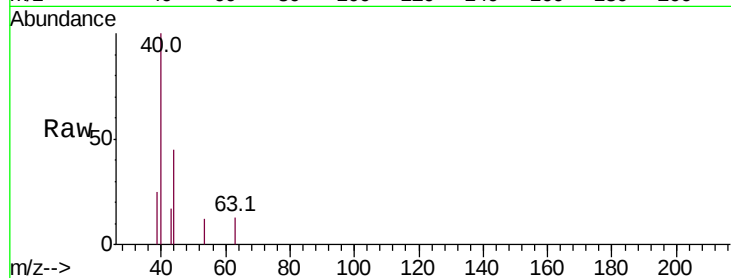
T16-17-C3-(2.25)

Tot Ion: 43 Resp: 72

Ion Ratio Lower Upper

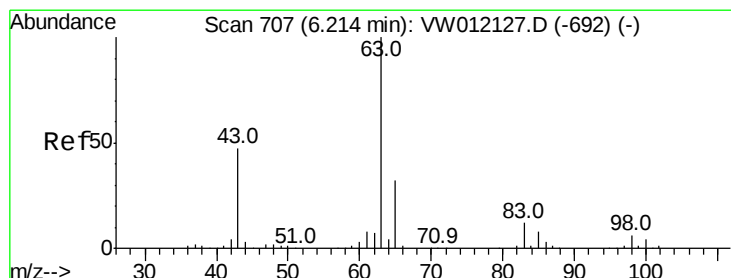
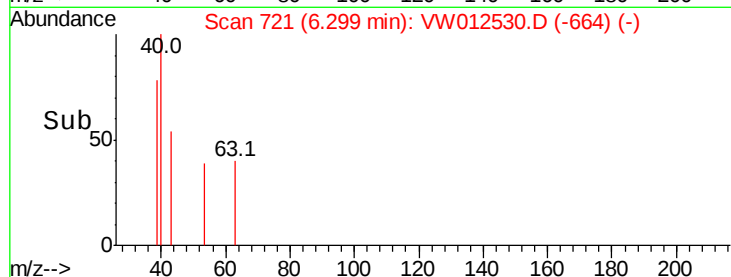
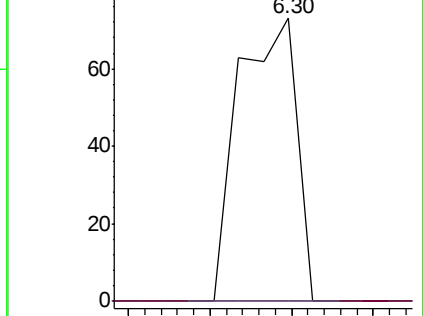
43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 2.432 ug/l

RT: 6.30 min Scan# 721

Delta R.T. 0.09 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

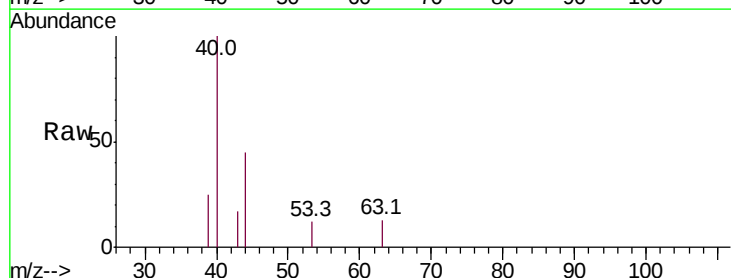
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.2#

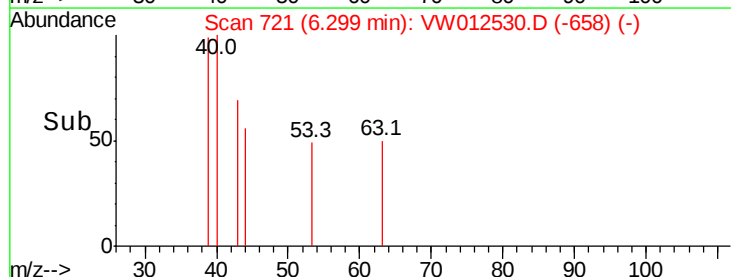
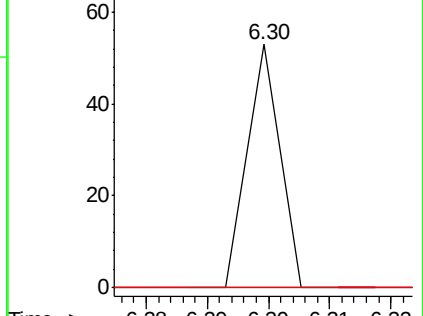
100 0.0 2.0 6.0#

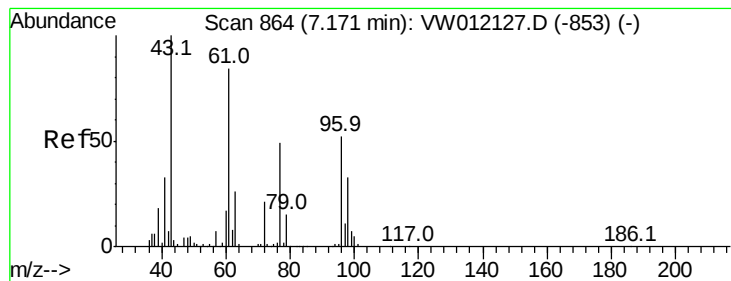


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 40.251 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

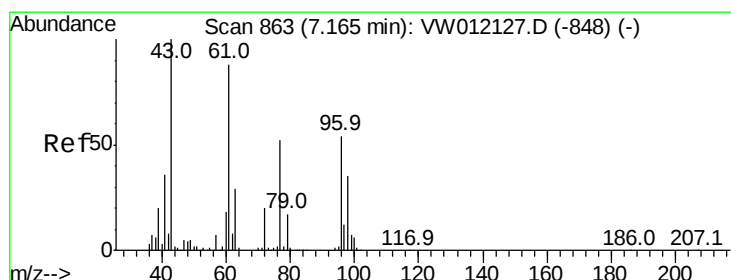
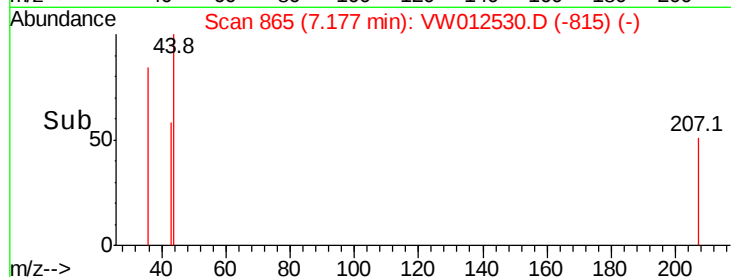
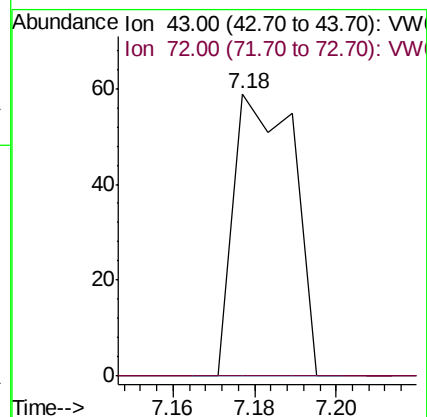
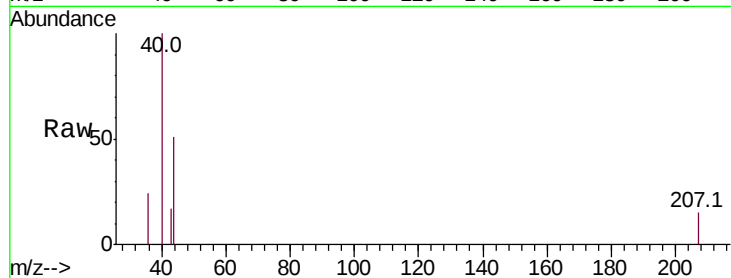
T16-17-C3-(2.25)

Tot Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#



#26

2,2-Dichloropropane

Concen: 5.427 ug/l

RT: 7.38 min Scan# 899

Delta R.T. 0.22 min

Lab File: VW012530.D

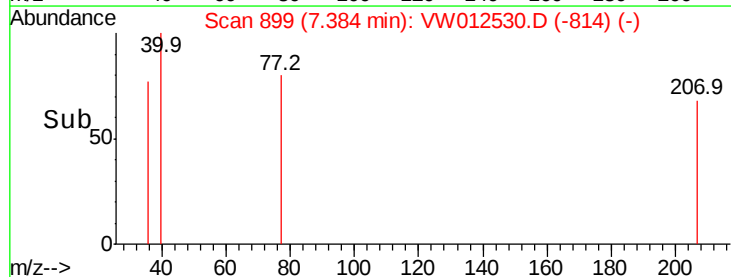
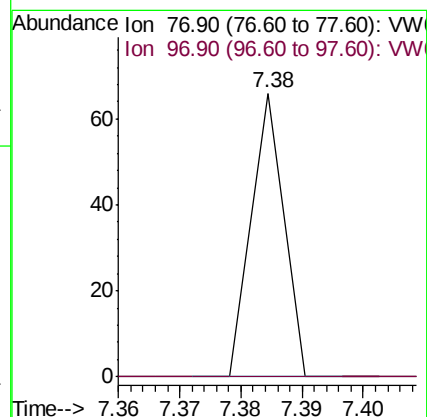
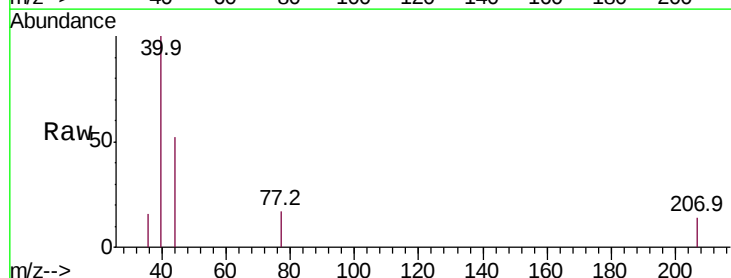
Acq: 03 Sep 2019 05:49

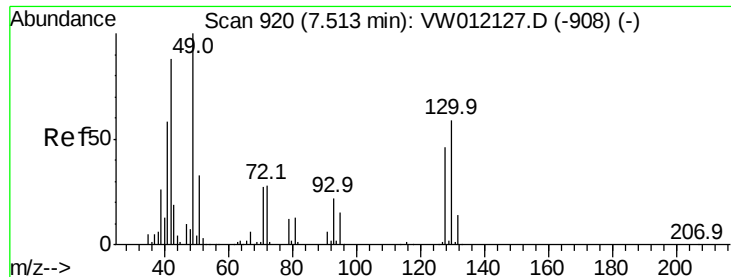
Tgt Ion: 77 Resp: 24

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.1#





#28

Bromochloromethane

Concen: 13.215 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.04 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(2.25)

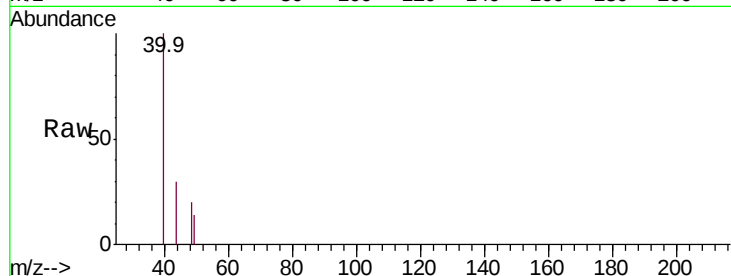
Tot Ion: 49 Resp: 45

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.4

130 0.0 45.5 68.3#



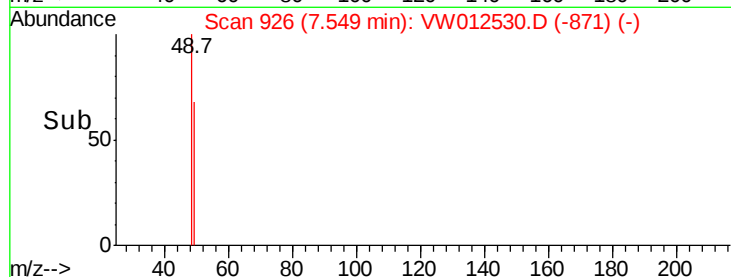
Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

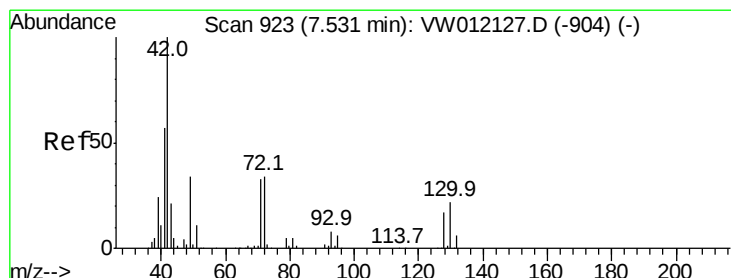
Ion 129.80 (129.50 to 130.50): VW

7.55

Time-->



Time-->



#29

Tetrahydrofuran

Concen: 24.599 ug/l

RT: 7.57 min Scan# 929

Delta R.T. 0.04 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

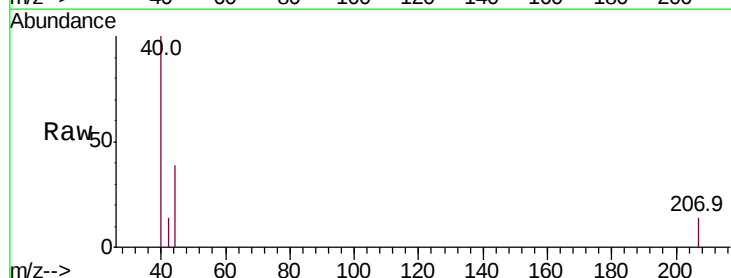
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

72 0.0 27.3 40.9#

71 0.0 25.5 38.3#



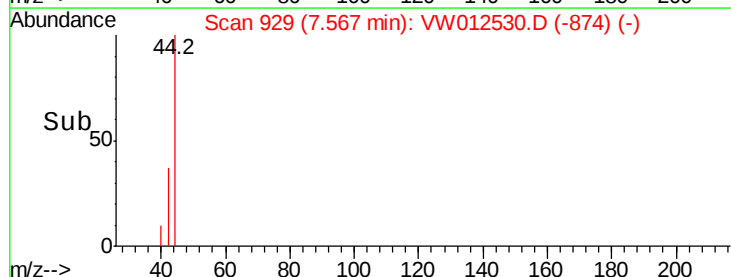
Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

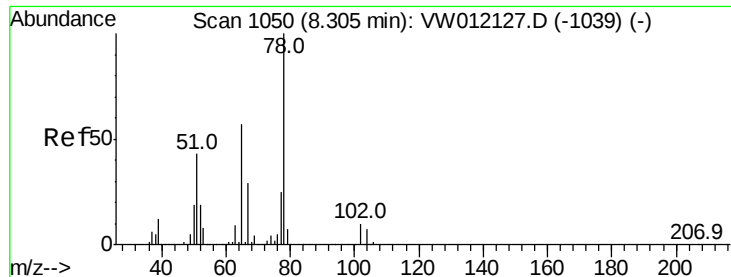
Ion 71.00 (70.70 to 71.70): VW

7.57

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 138.183 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

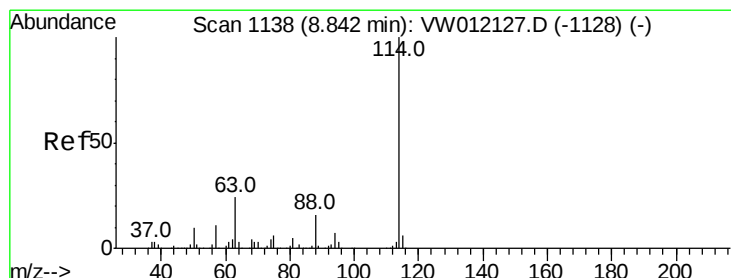
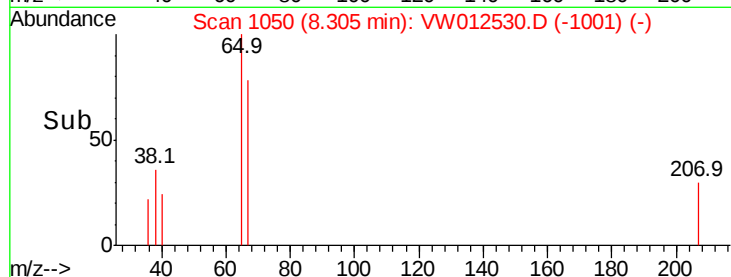
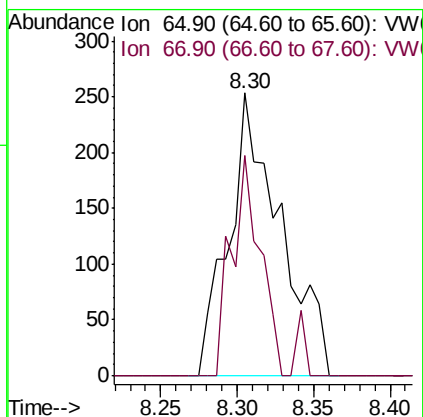
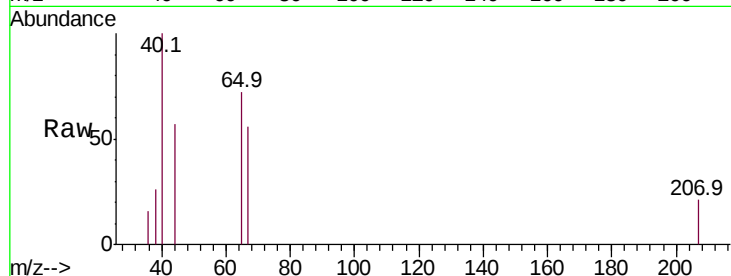
T16-17-C3-(2.25)

Tot Ion: 65 Resp: 593

Ion Ratio Lower Upper

65 100

67 43.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

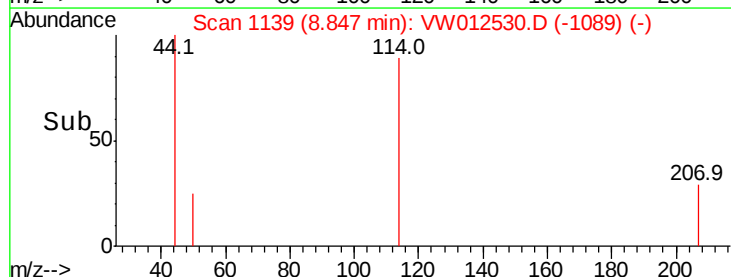
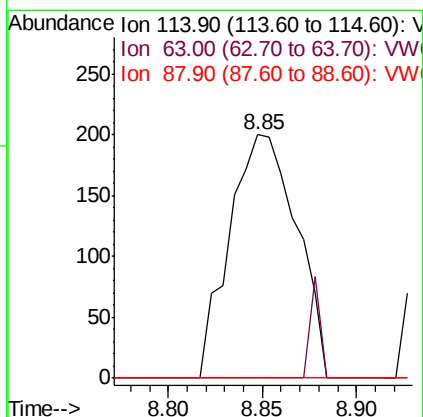
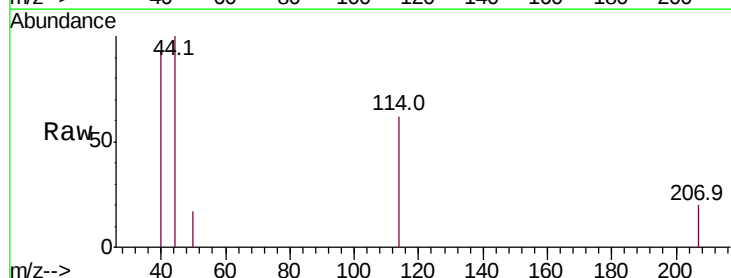
Tgt Ion: 114 Resp: 495

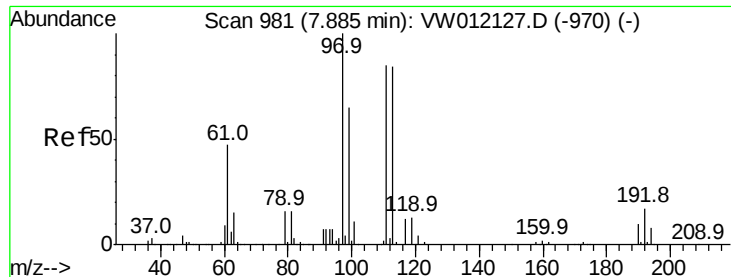
Ion Ratio Lower Upper

114 100

63 0.0 0.0 48.6

88 0.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 208.483 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(2.25)

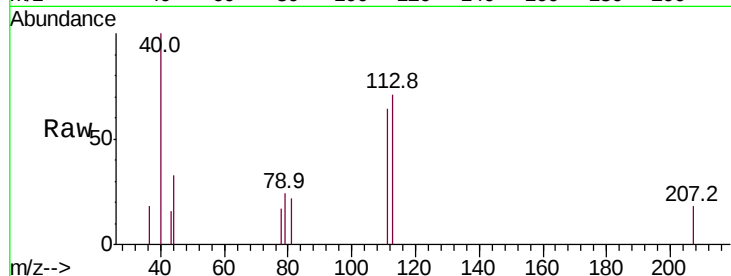
Tot Ion:113 Resp: 616

Ion Ratio Lower Upper

113 100

111 82.8 82.7 124.1

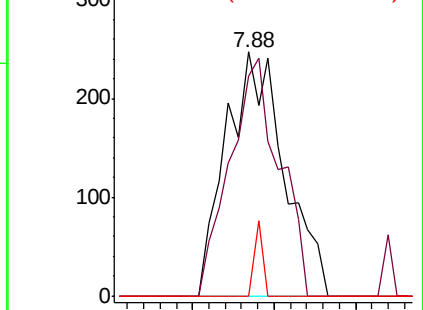
192 4.5 16.2 24.2#



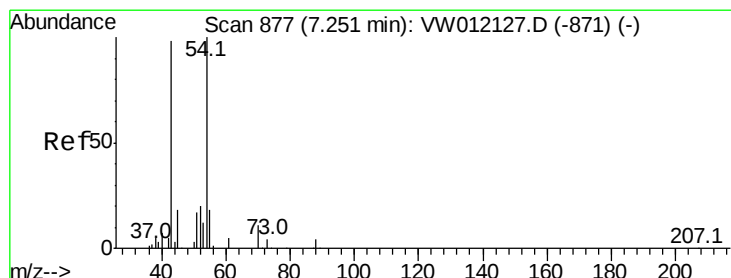
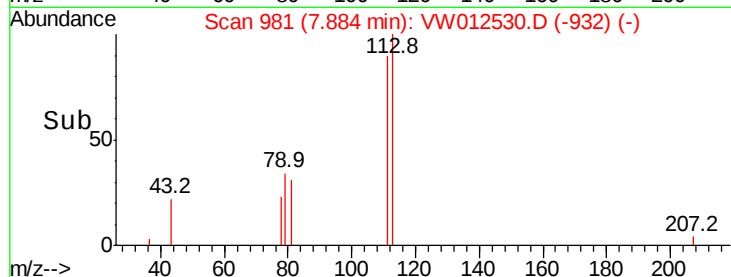
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#37

Ethyl Acetate

Concen: 21.405 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

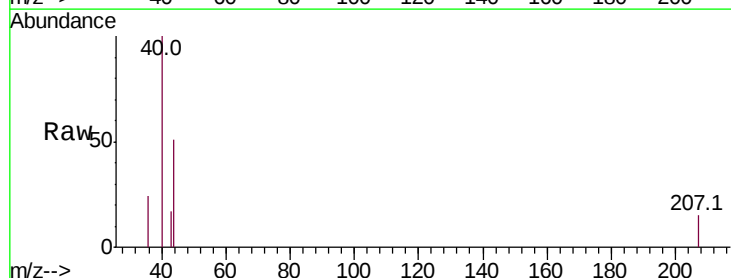
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

61 0.0 9.2 13.8#

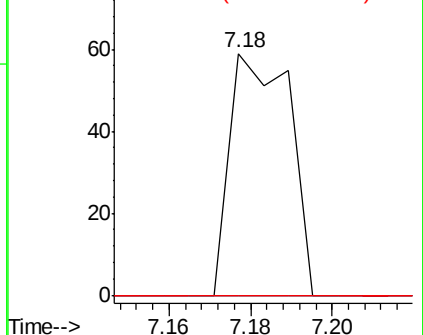
70 0.0 6.9 10.3#



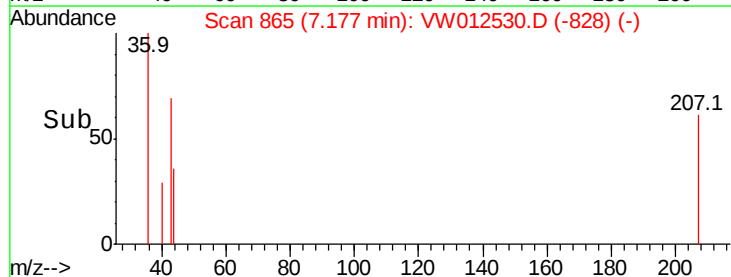
Abundance Ion 43.00 (42.70 to 43.70): VW

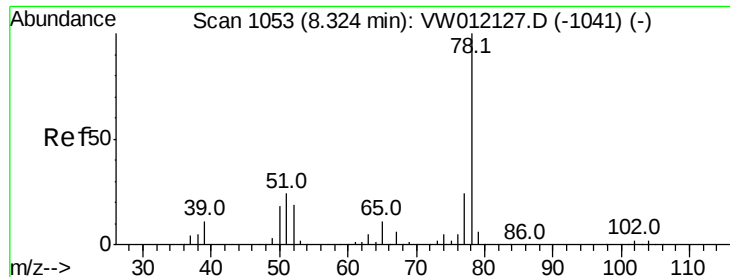
Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



Time-->





#40

Benzene

Concen: 66.296 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.10 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

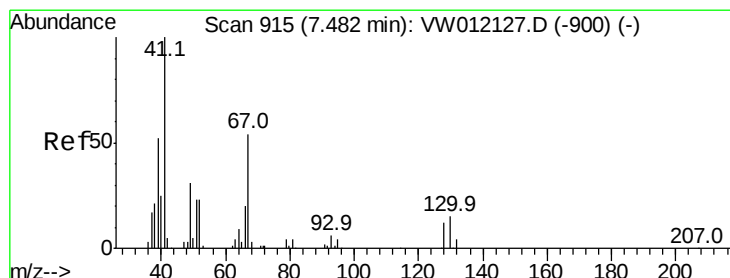
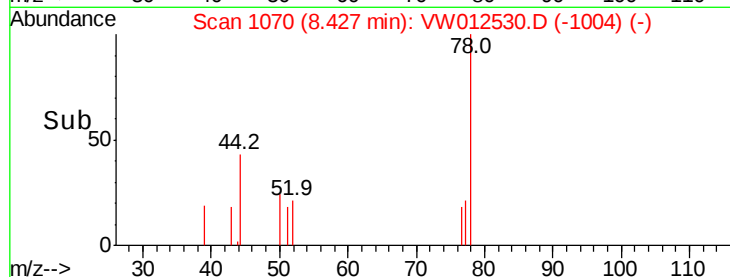
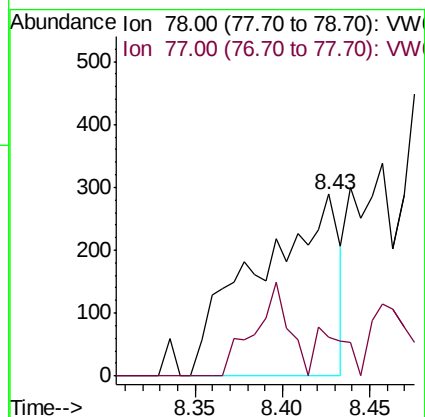
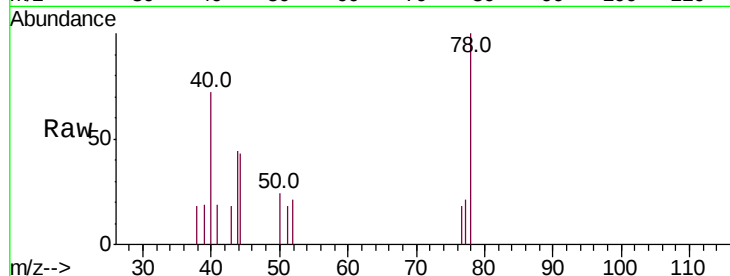
T16-17-C3-(2.25)

Tot Ion: 78 Resp: 926

Ion Ratio Lower Upper

78 100

77 21.5 19.5 29.3



#41

Methacrylonitrile

Concen: 16.996 ug/l

RT: 7.47 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Tgt Ion: 41 Resp: 28

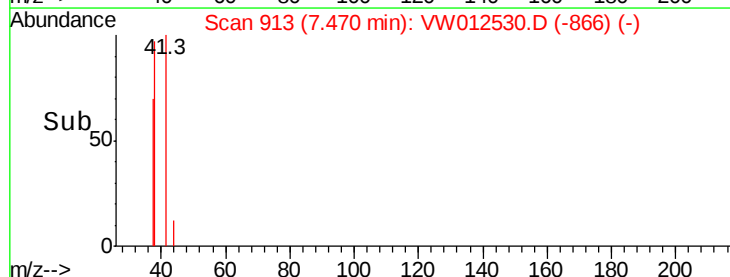
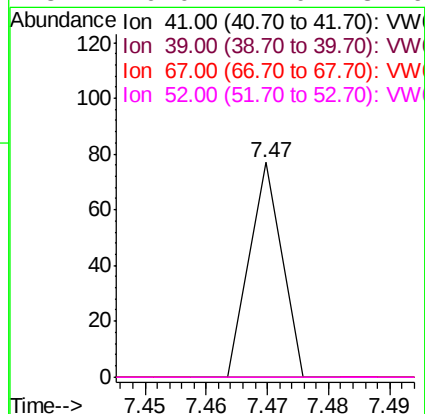
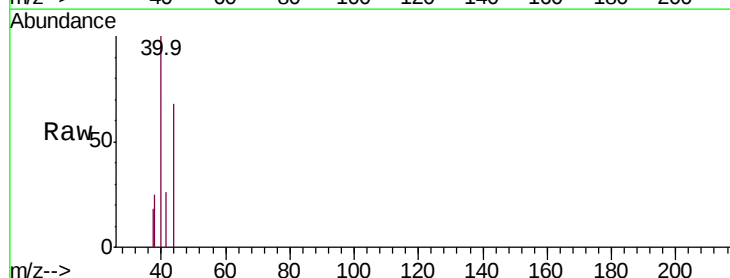
Ion Ratio Lower Upper

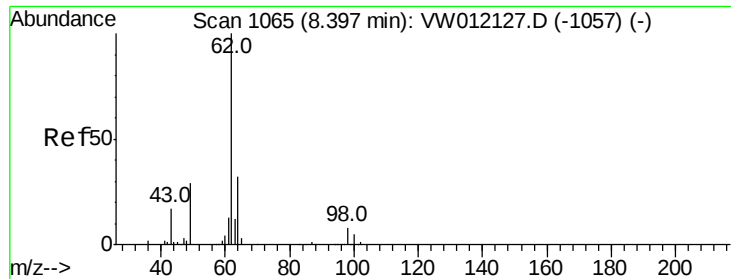
41 100

39 0.0 45.8 68.8#

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#





#42

1,2-Dichloroethane

Concen: 5.254 ug/l

RT: 8.48 min Scan# 1079

Delta R.T. 0.09 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

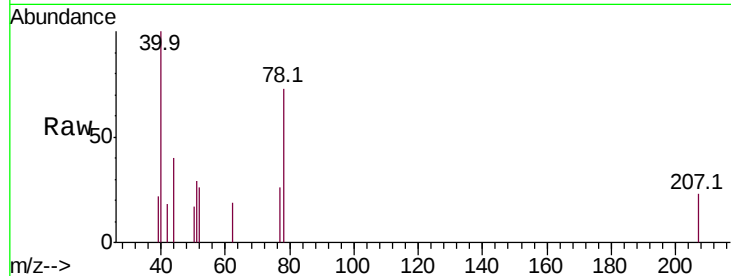
T16-17-C3-(2.25)

Tot Ion: 62 Resp: 23

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.48

60

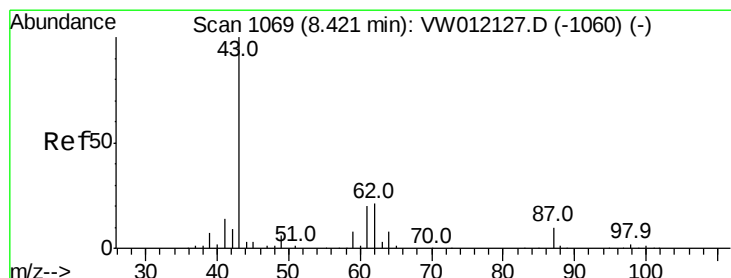
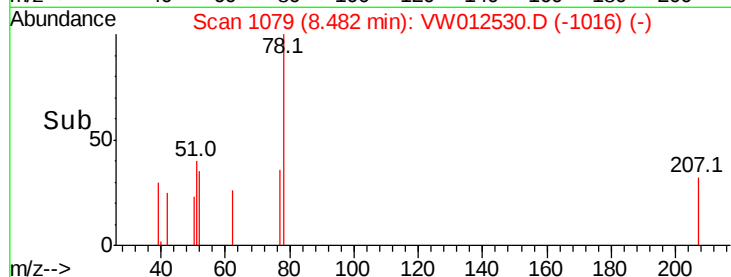
40

20

0

8.46 8.47 8.48 8.49 8.50

Time-->



#43

Isopropyl Acetate

Concen: 8.282 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

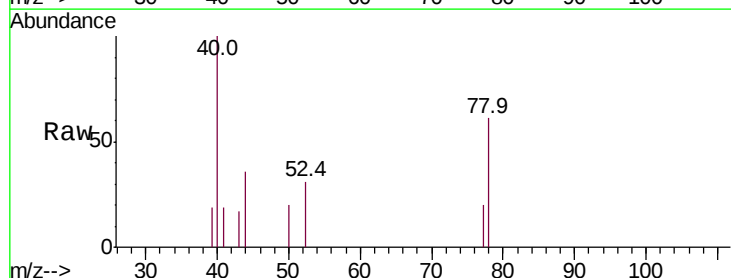
Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 8.2 12.2#



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

8.42

80

60

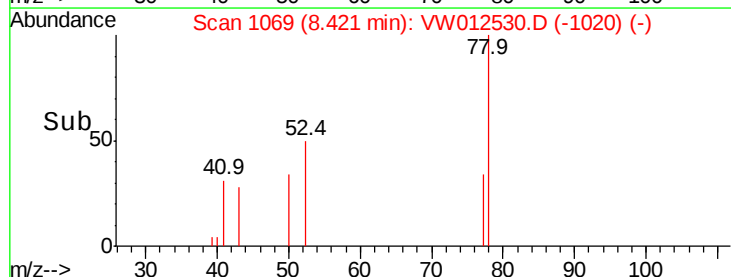
40

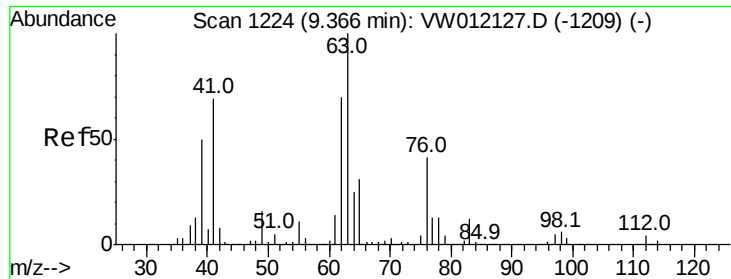
20

0

8.40 8.42 8.44

Time-->





#45

1,2-Dichloropropane

Concen: 5.852 ug/l

RT: 9.57 min Scan# 1257

Delta R.T. 0.20 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

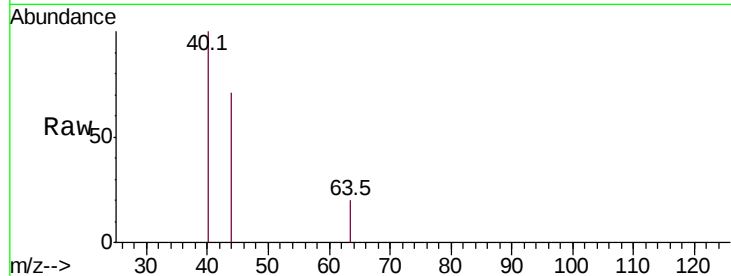
T16-17-C3-(2.25)

Tot Ion: 63 Resp: 22

Ion Ratio Lower Upper

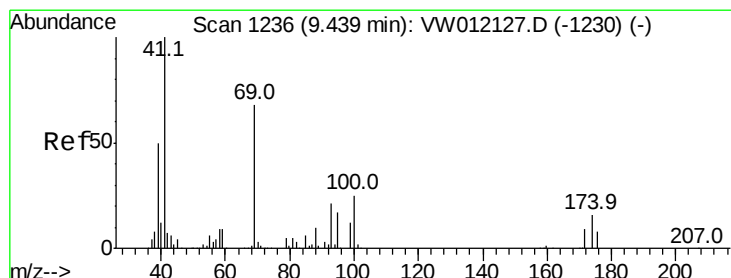
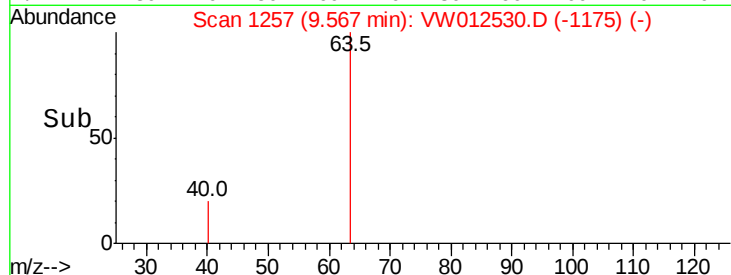
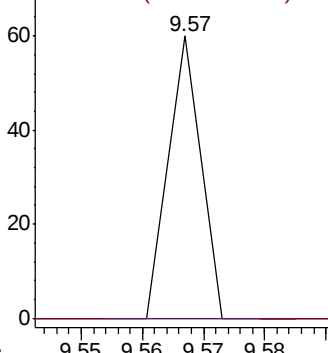
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#48

Methyl methacrylate

Concen: 9.712 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

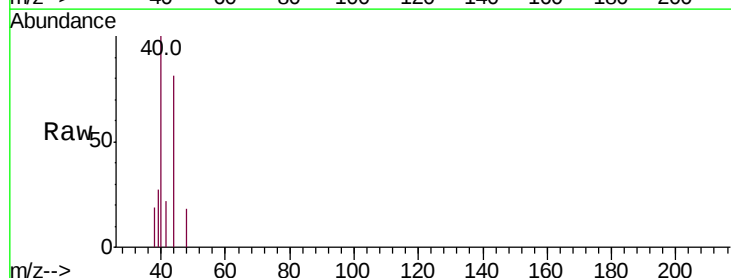
Tgt Ion: 41 Resp: 24

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

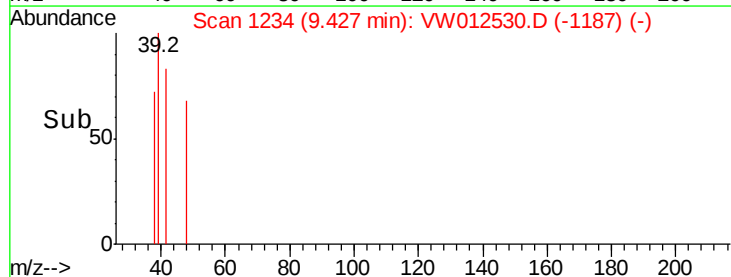
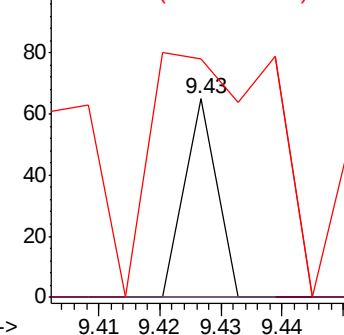
39 458.3 42.0 63.0#

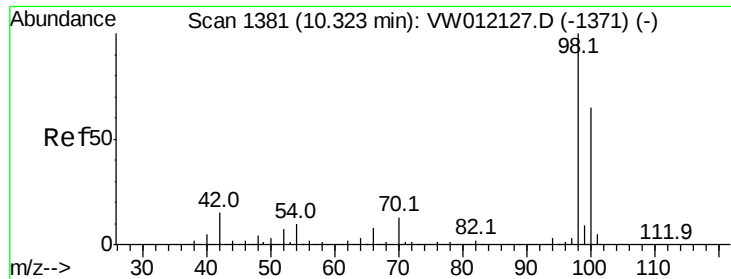


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 44.824 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

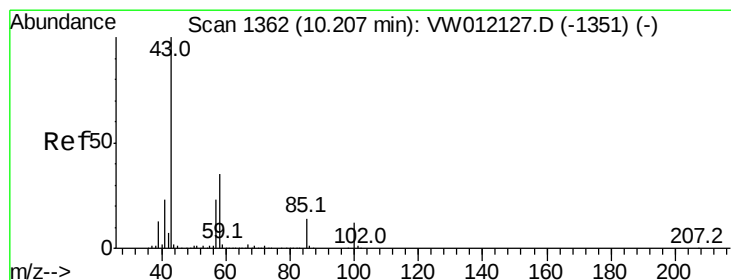
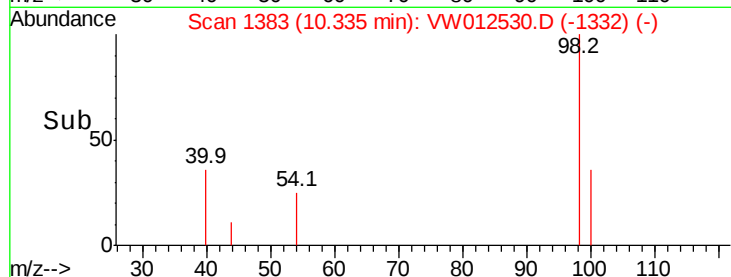
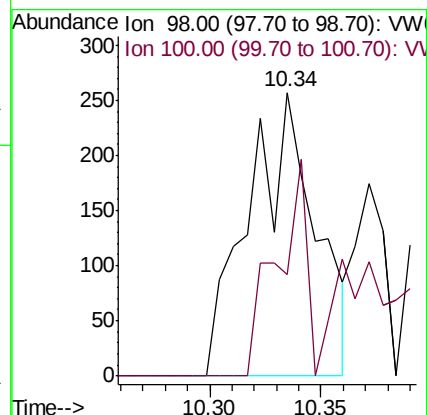
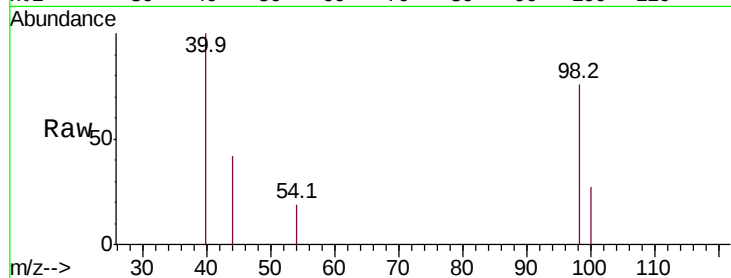
T16-17-C3-(2.25)

Tot Ion: 98 Resp: 537

Ion Ratio Lower Upper

98 100

100 37.1 52.4 78.6#



#51

4-Methyl-2-Pentanone

Concen: 20.069 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW012530.D

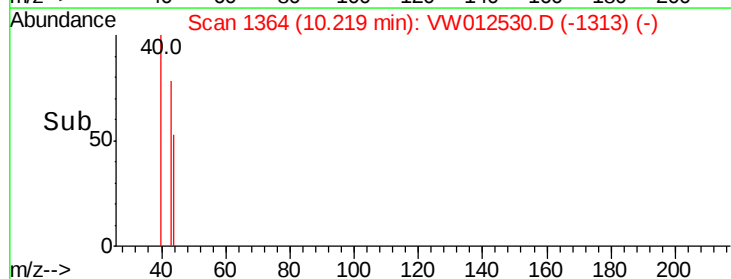
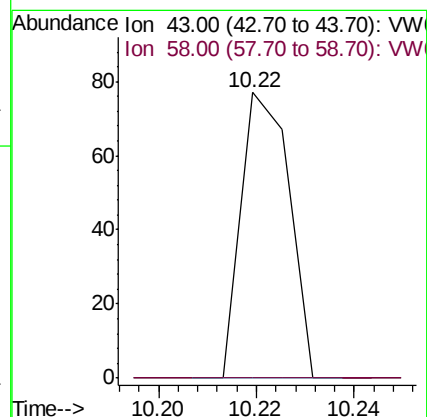
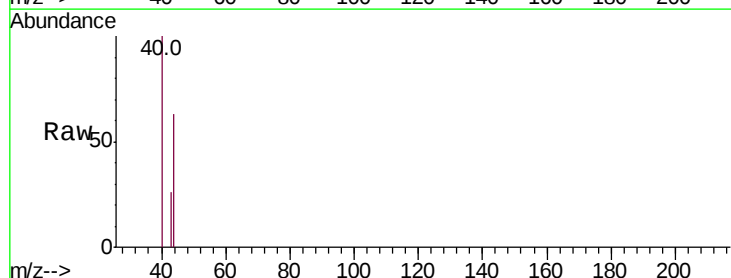
Acq: 03 Sep 2019 05:49

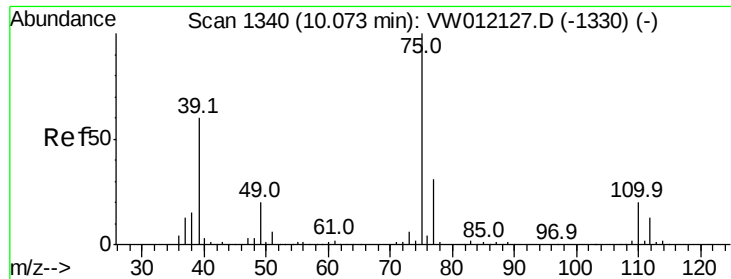
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.2#

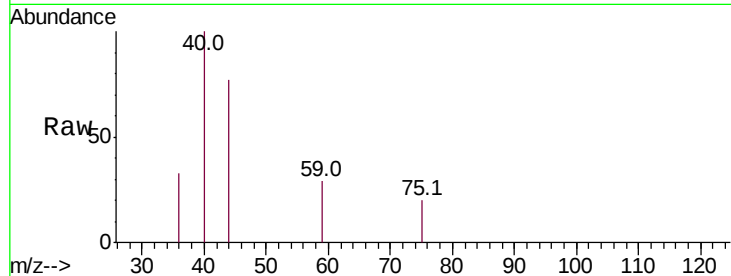




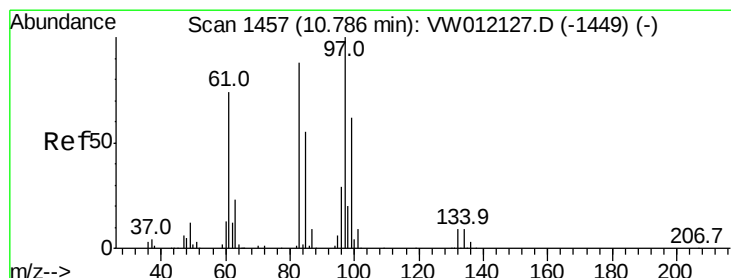
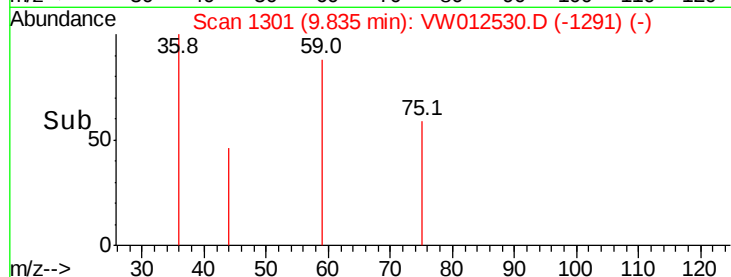
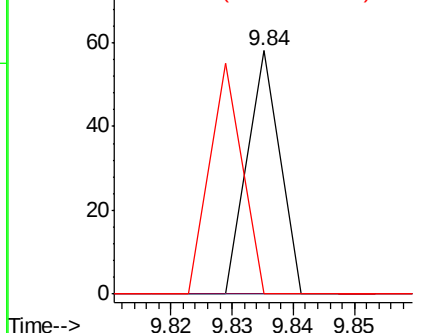
#54
 cis-1,3-Dichloropropene
 Concen: 3.836 ug/l
 RT: 9.84 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: VW012530.D
 Acq: 03 Sep 2019 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(2.25)

Tot Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 0.0 48.3 72.5#

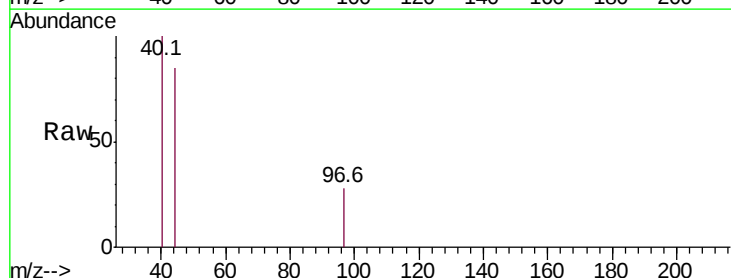


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 76.90 (76.60 to 77.60): VW
 Ion 39.00 (38.70 to 39.70): VW

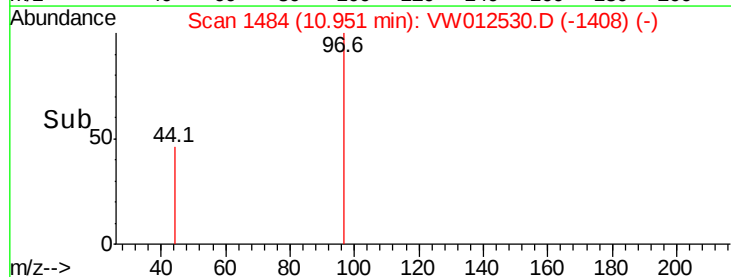
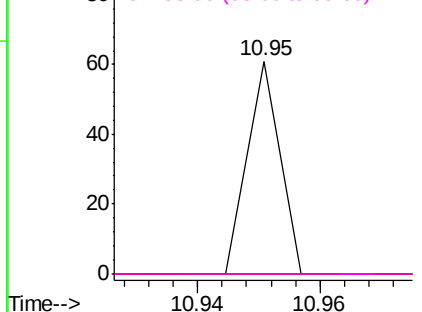


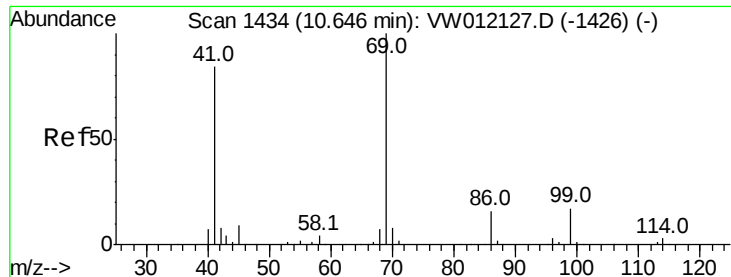
#55
 1,1,2-Trichloroethane
 Concen: 9.297 ug/l
 RT: 10.95 min Scan# 1484
 Delta R.T. 0.16 min
 Lab File: VW012530.D
 Acq: 03 Sep 2019 05:49

Tgt Ion: 97 Resp: 22
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.8 106.2#
 85 0.0 43.8 65.8#
 99 0.0 49.8 74.6#



Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 6.097 ug/l

RT: 10.52 min Scan# 1413

Delta R.T. -0.13 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

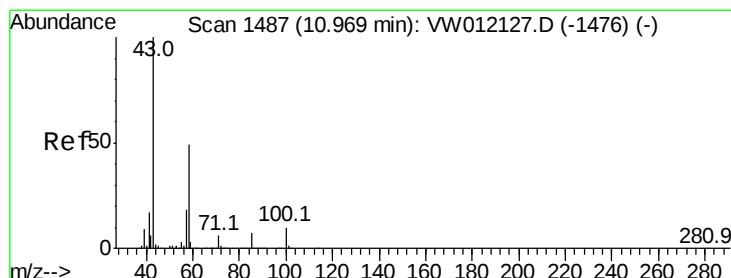
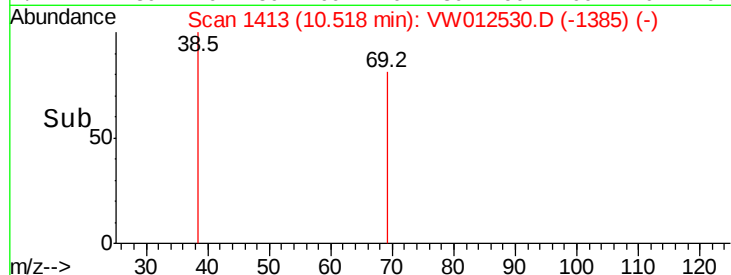
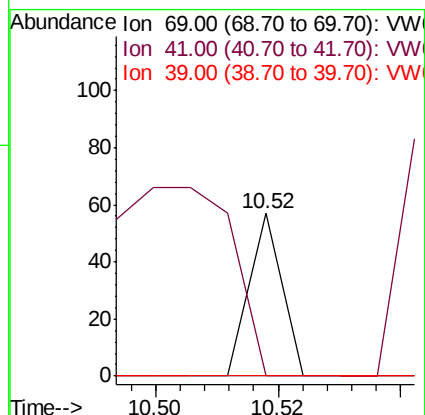
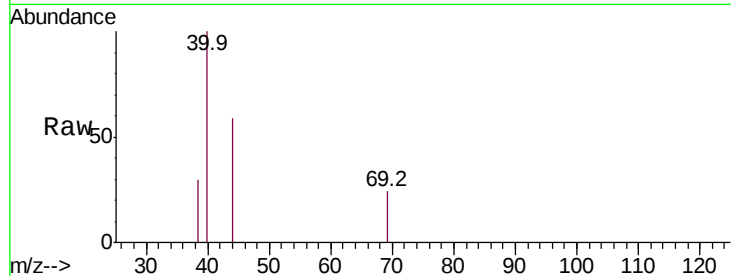
Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(2.25)

Tot Ion:	69.00	Resp:	21
Ion	Ratio	Lower	Upper
69	100		
41	423.8	66.5	99.7#
39	0.0	31.0	46.4#



#59

2-Hexanone

Concen: 20.336 ug/l

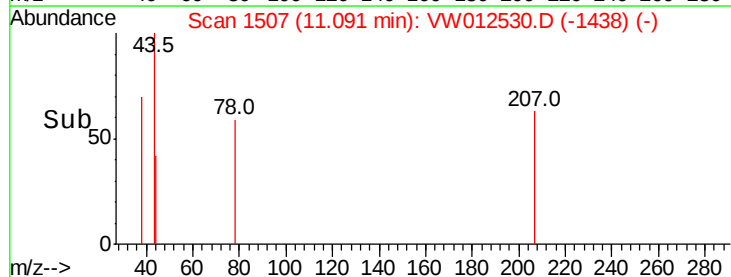
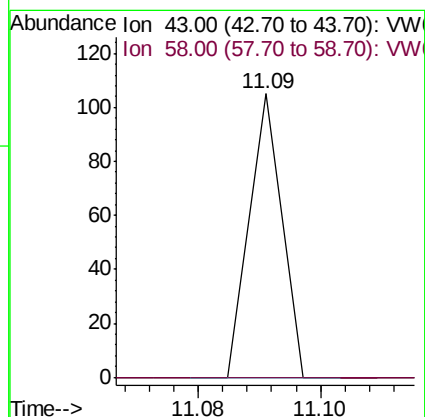
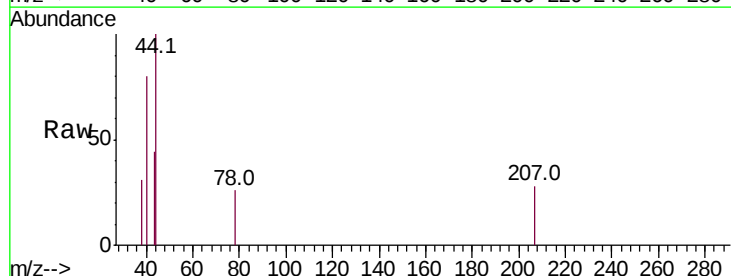
RT: 11.09 min Scan# 1507

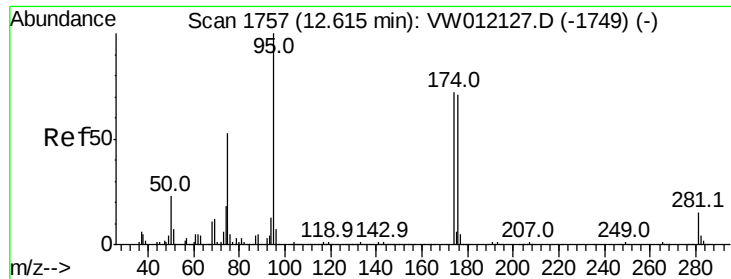
Delta R.T. 0.12 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Tgt Ion:	43	Resp:	38
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	72.9#





#62

4-Bromofluorobenzene

Concen: 23.680 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C3-(2.25)

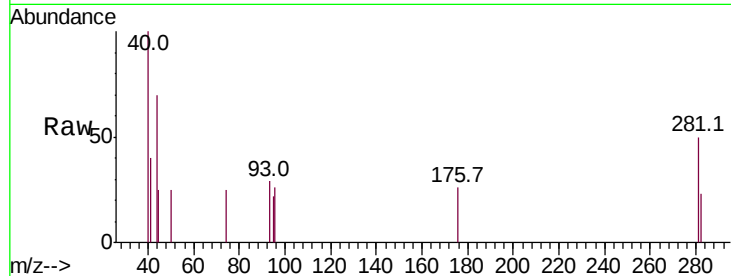
Tot Ion: 95 Resp: 100

Ion Ratio Lower Upper

95 100

174 0.0 0.0 150.8

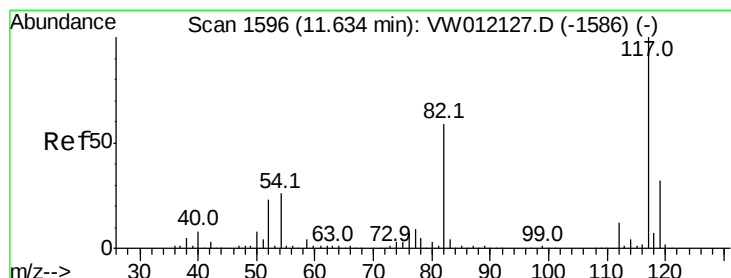
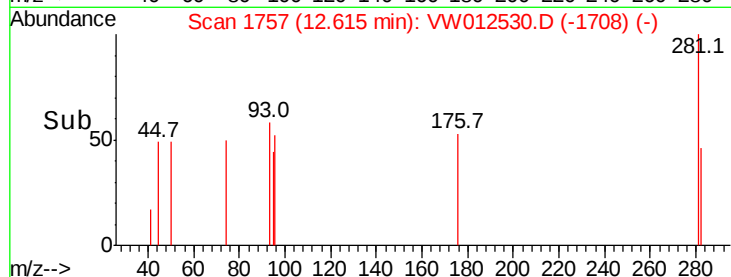
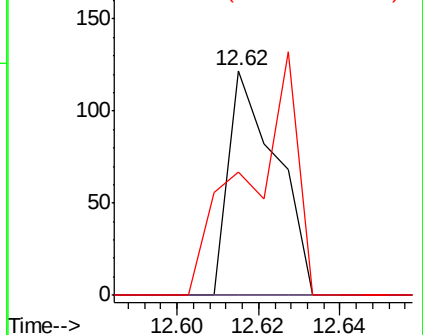
176 112.0 0.0 148.6



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: VW012530.D

Acq: 03 Sep 2019 05:49

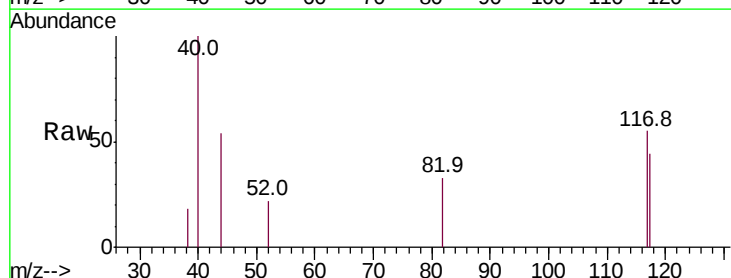
Tgt Ion: 117 Resp: 402

Ion Ratio Lower Upper

117 100

82 33.3 47.4 71.2#

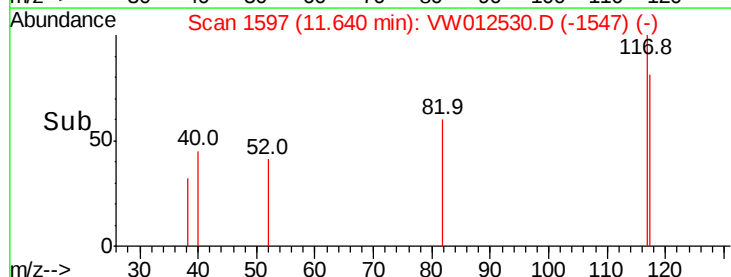
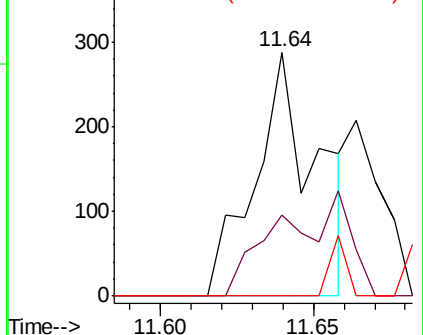
119 0.0 25.4 38.2#

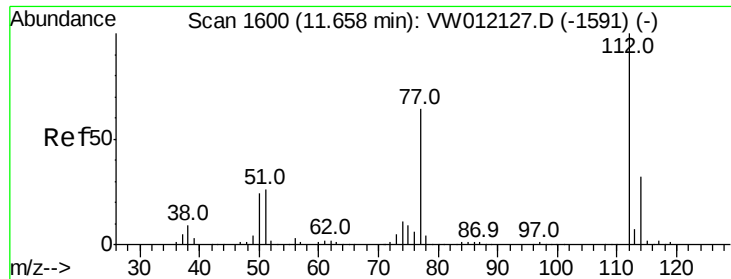


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#65

Chlorobenzene

Concen: 2.400 ug/l

RT: 11.86 min Scan# 1633

Delta R.T. 0.20 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

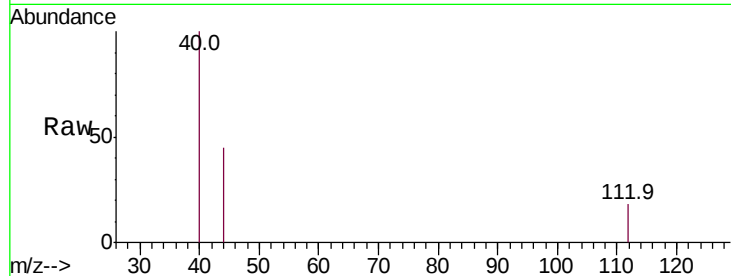
T16-17-C3-(2.25)

Tot Ion:112 Resp: 19

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#

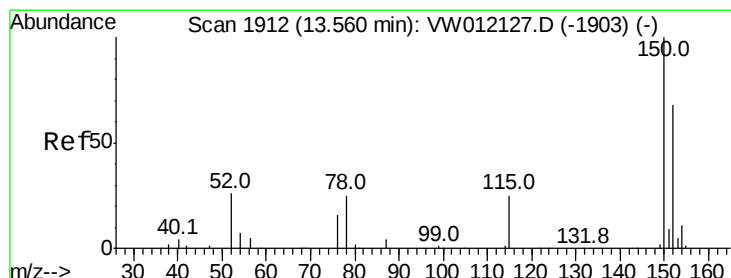
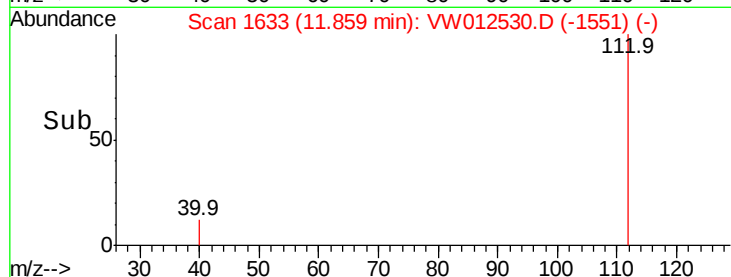


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.86

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW012530.D

Acq: 03 Sep 2019 05:49

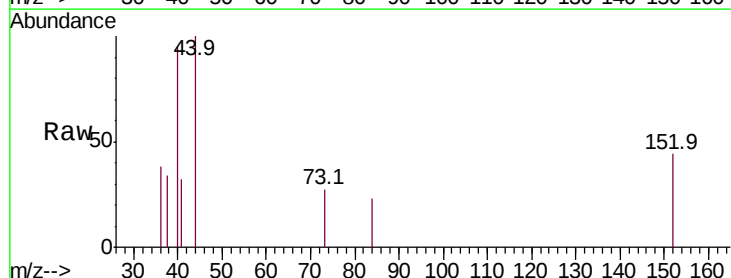
Tgt Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

115 0.0 30.1 90.3#

150 224.2 0.0 345.8



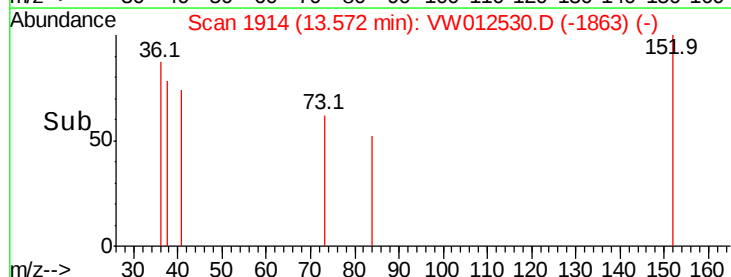
Abundance Ion 151.90 (151.60 to 152.60): V

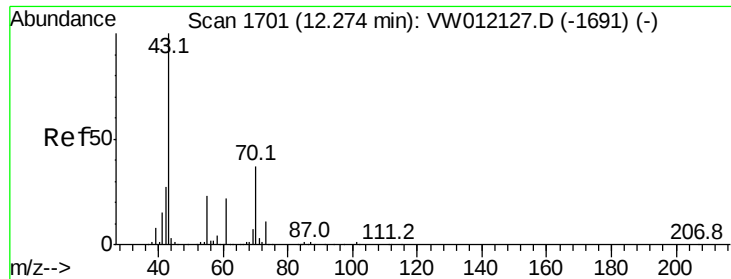
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

13.57

Time-->

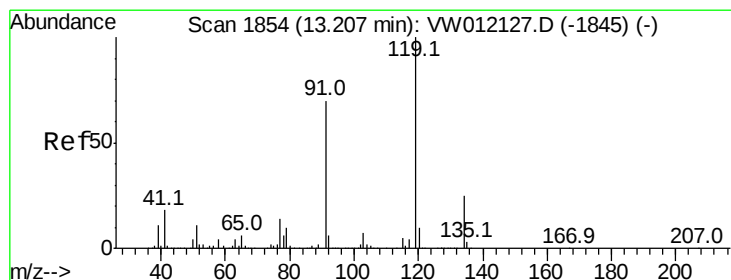
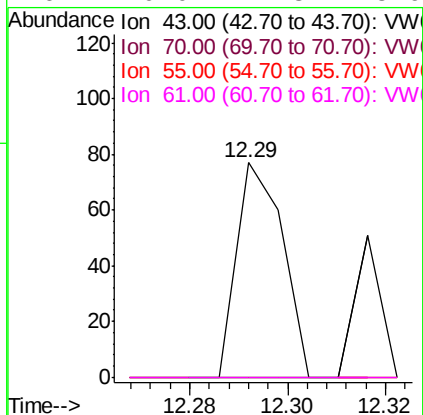
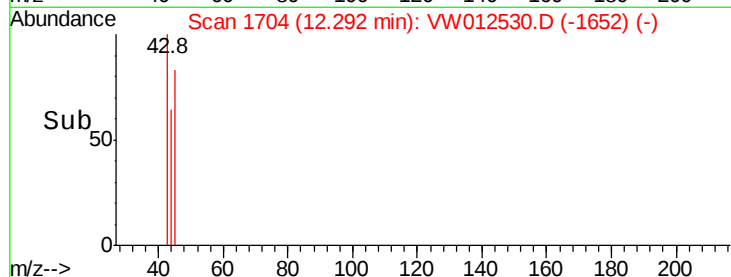
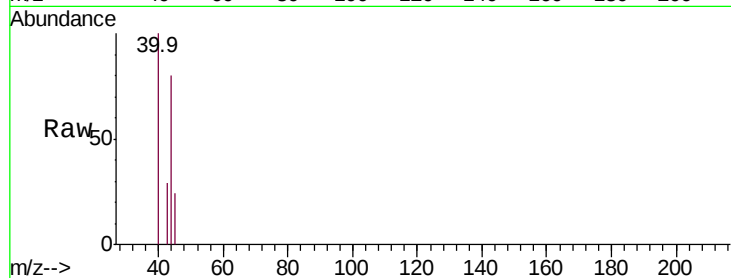




#74
N-amvl acetate
Concen: 22.309 ug/l
RT: 12.29 min Scan# 1704
Delta R.T. 0.02 min
Lab File: VW012530.D
Acq: 03 Sep 2019 05:49

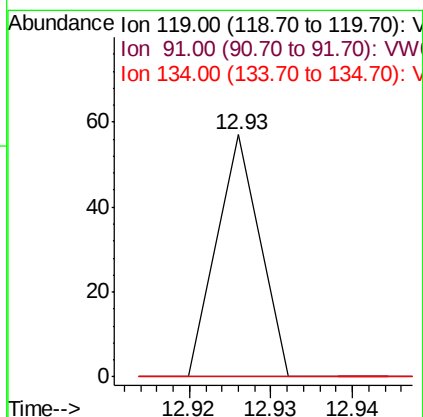
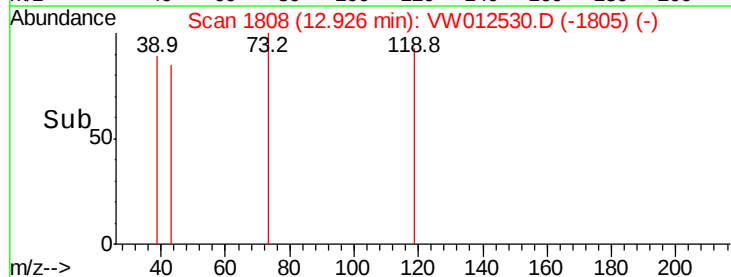
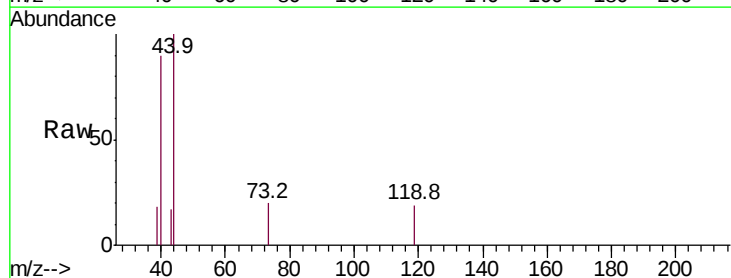
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C3-(2.25)

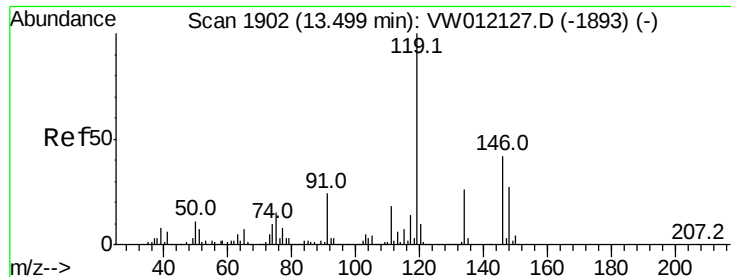
Tot Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
70 0.0 28.6 43.0#
55 0.0 17.8 26.6#
61 0.0 17.3 25.9#



#83
tert-Butylbenzene
Concen: 3.999 ug/l
RT: 12.93 min Scan# 1808
Delta R.T. -0.28 min
Lab File: VW012530.D
Acq: 03 Sep 2019 05:49

Tgt Ion: 119 Resp: 21
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.3#
134 0.0 13.3 39.8#

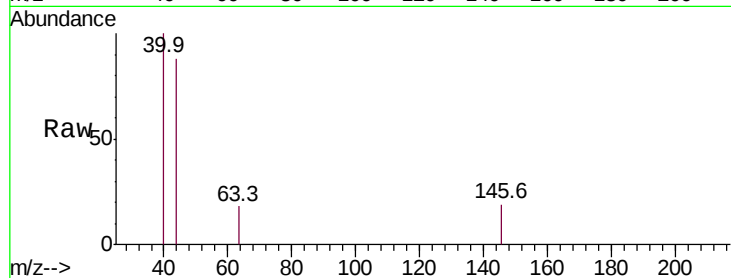




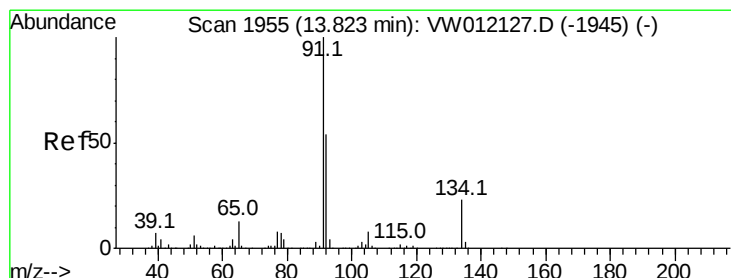
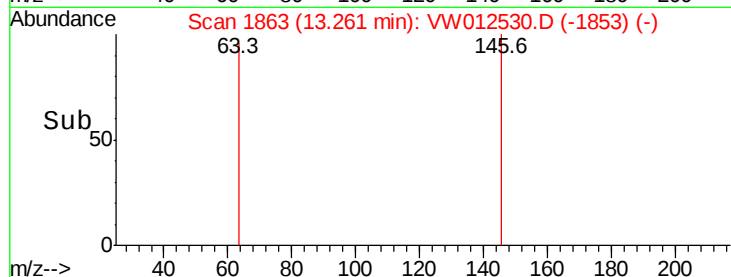
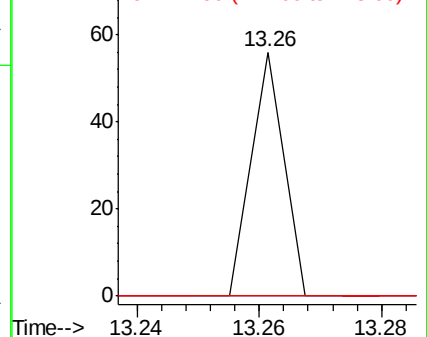
#87
 1,3-Dichlorobenzene
 Concen: 6.371 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.24 min
 Lab File: VW012530.D
 Acq: 03 Sep 2019 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(2.25)

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.9	62.7#
148	0.0	32.2	96.6#

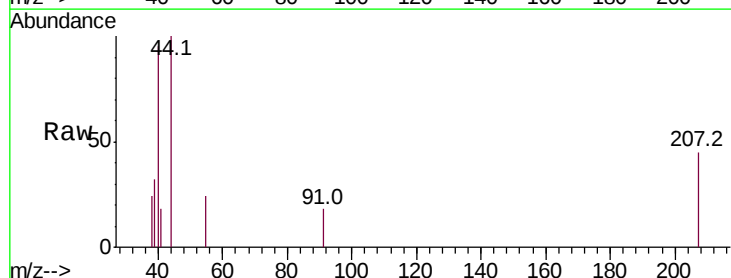


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 3.143 ug/l
 RT: 13.65 min Scan# 1926
 Delta R.T. -0.18 min
 Lab File: VW012530.D
 Acq: 03 Sep 2019 05:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	12.2	36.4#



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW
 Ion 134.00 (133.70 to 134.70): V

