

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005017.D
 Acq On : 30 Aug 2018 14:43
 Operator : SY/AP
 Sample : J4671-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 15:14:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

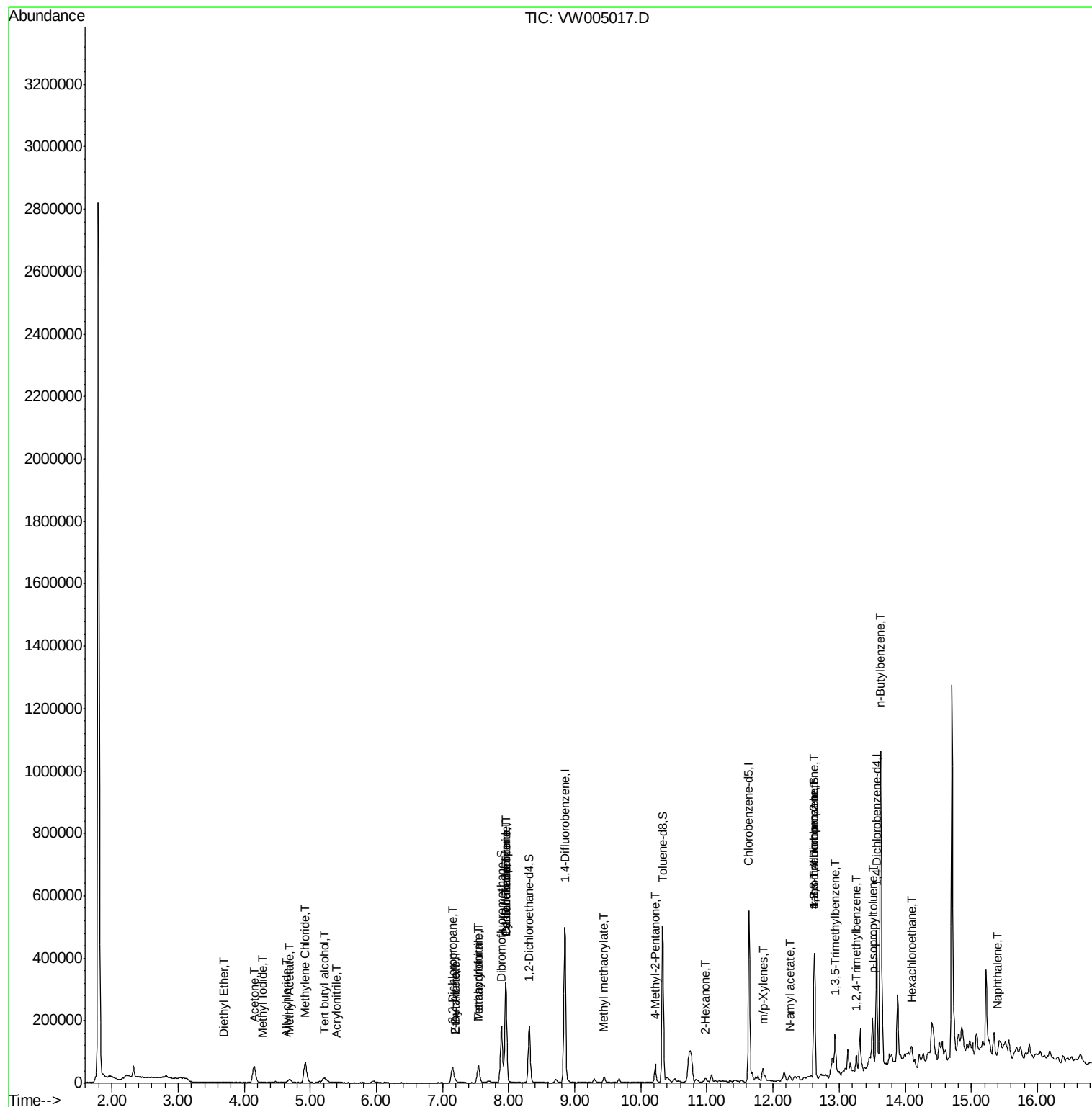
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	260298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	437471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141447	79.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.88%	
35) Dibromofluoromethane	7.89	113	132859	61.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.58%	
50) Toluene-d8	10.33	98	343857	28.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.78%	
62) 4-Bromofluorobenzene	12.62	95	120575	27.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.58%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	971	1.036	ug/l	63
10) Methyl Iodide	4.28	142	296	2.761	ug/l #	75
11) Tert butyl alcohol	5.22	59	38211	296.178	ug/l	99
14) Allyl chloride	4.64	41	6473	2.212	ug/l #	46
15) Acrylonitrile	5.39	53	1277	2.672	ug/l #	85
16) Acetone	4.15	43	104245	259.617	ug/l	99
18) Methyl Acetate	4.68	43	19082	19.620	ug/l	100
20) Methylene Chloride	4.92	84	53121	15.519	ug/l	98
25) 2-Butanone	7.20	43	12755	20.370	ug/l	95
26) 2,2-Dichloropropane	7.16	77	3707	1.168	ug/l #	51
29) Tetrahydrofuran	7.54	42	40749	128.825	ug/l	98
31) Cyclohexane	7.95	56	4841	1.264	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18295	4.936	ug/l #	49
37) Ethyl Acetate	7.20	43	12755	9.547	ug/l #	66
38) Carbon Tetrachloride	7.95	117	23503	6.552	ug/l #	16
41) Methacrylonitrile	7.54	41	24759	31.799	ug/l #	43
48) Methyl methacrylate	9.45	41	9584	8.465	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	38475	19.323	ug/l	98
59) 2-Hexanone	10.98	43	9315	6.461	ug/l	86
68) m/p-Xylenes	11.84	106	7194	1.426	ug/l	97
74) N-amyl acetate	12.24	43	9339	6.420	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	56580	69.082	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.95	105	10873	1.596	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	56580	156.126	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.26	105	35028	5.069	ug/l	99
86) p-Isopropyltoluene	13.51	119	85923	11.421	ug/l	99
89) n-Butylbenzene	13.63	91	16628	2.354	ug/l	79
90) Hexachloroethane	14.11	117	1481	1.252	ug/l #	8
95) Naphthalene	15.38	128	5562	5.361	ug/l #	80

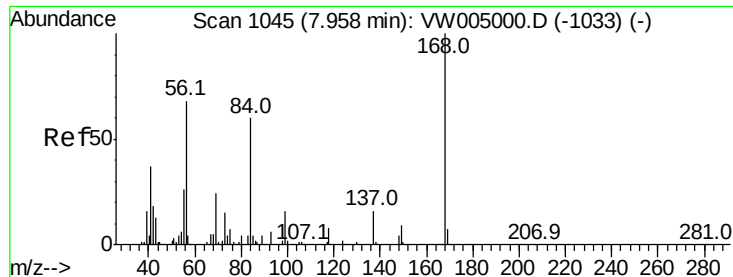
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083018\
Data File : VW005017.D
Acq On : 30 Aug 2018 14:43
Operator : SY/AP
Sample : J4671-01RE
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 30 15:14:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

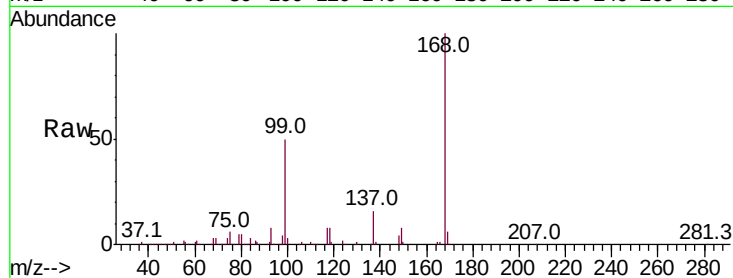
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 260298

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

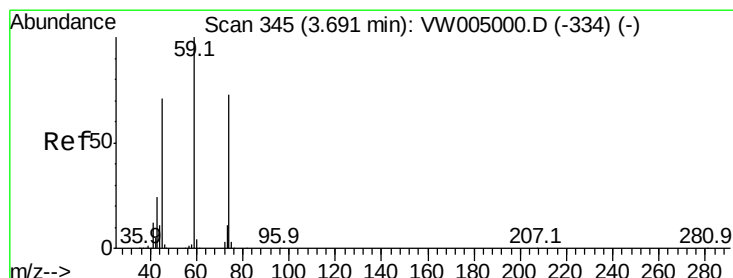
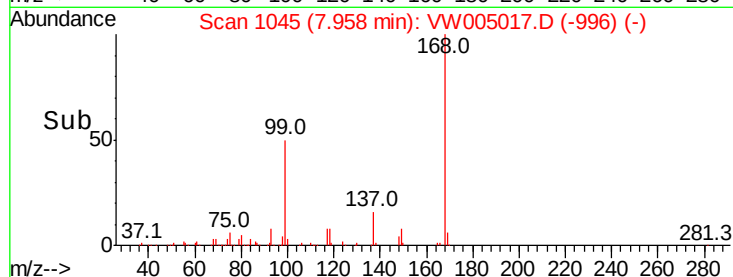
7.96

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.036 ug/l

RT: 3.69 min Scan# 345

Delta R.T. -0.00 min

Lab File: VW005017.D

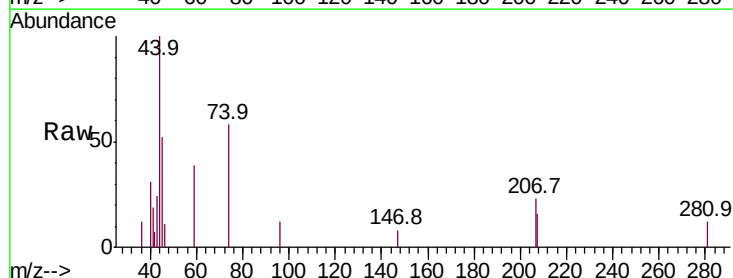
Acq: 30 Aug 2018 14:43

Tgt Ion: 74 Resp: 971

Ion Ratio Lower Upper

74 100

45 131.6 47.8 143.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

600

500

400

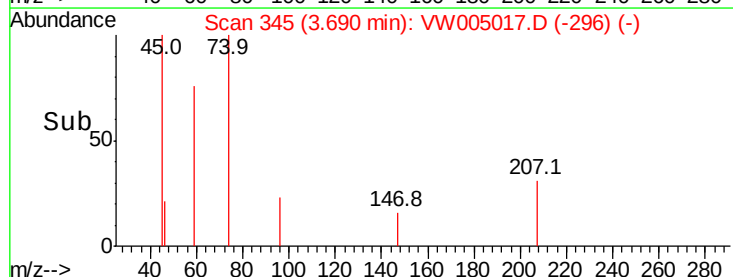
300

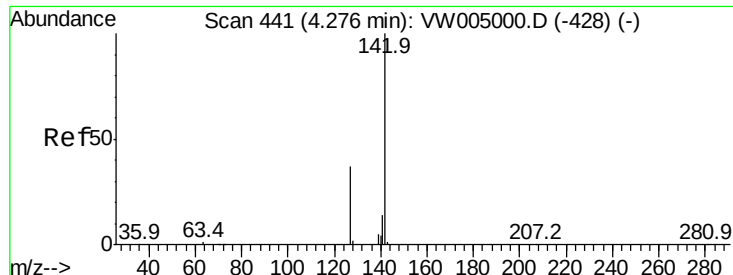
200

100

0

Time--> 3.65 3.70 3.75

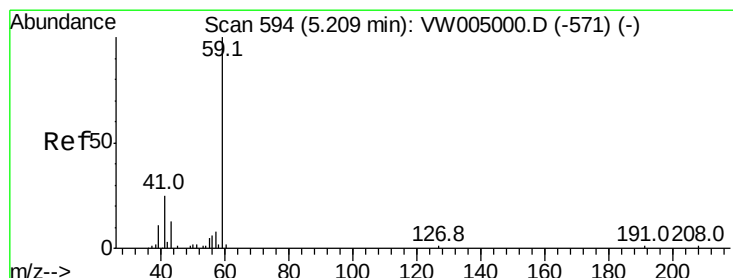
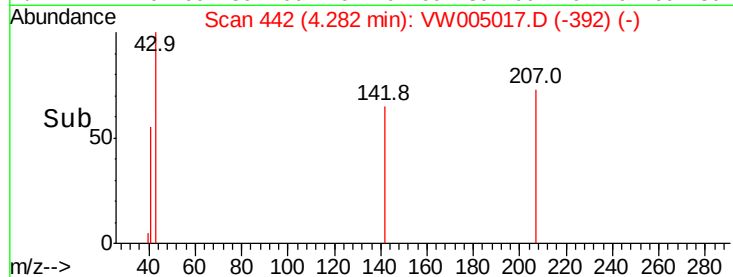
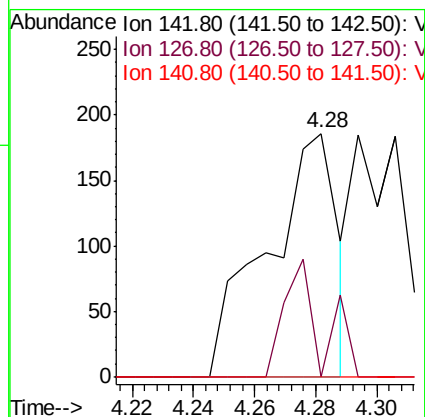
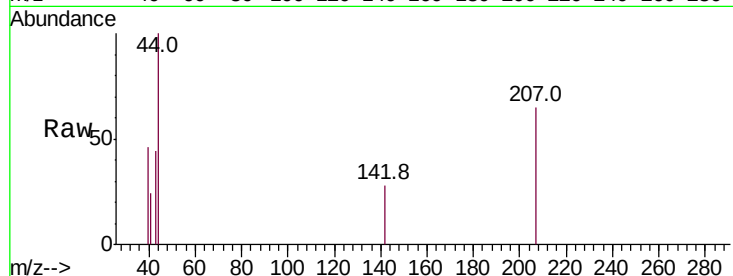




#10
Methyl Iodide
Concen: 2.761 ug/l
RT: 4.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

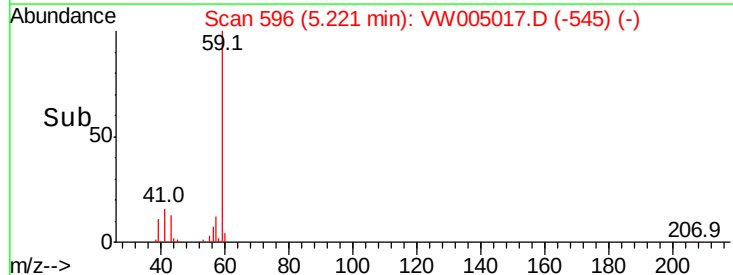
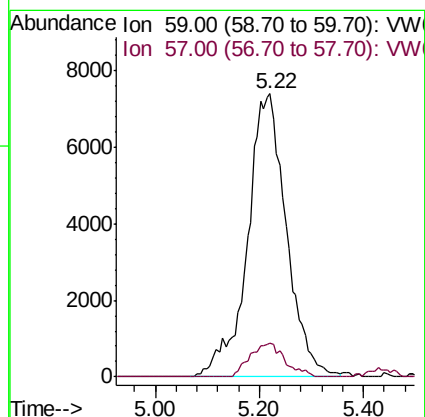
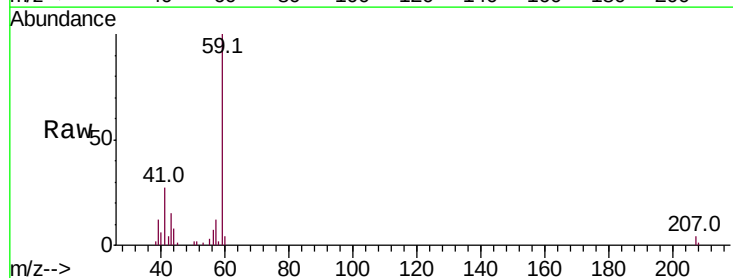
Instrument :
MSVOA_W
ClientSampled :

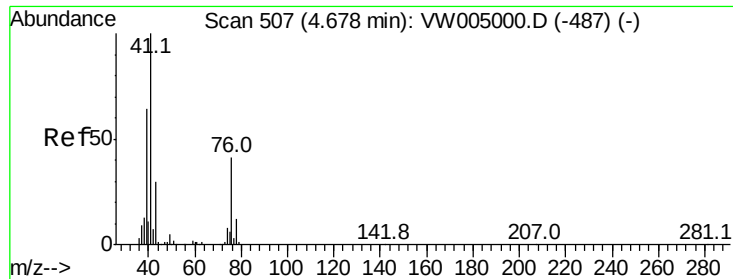
Tot Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 25.7 31.1 46.7#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 296.178 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 59 Resp: 38211
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

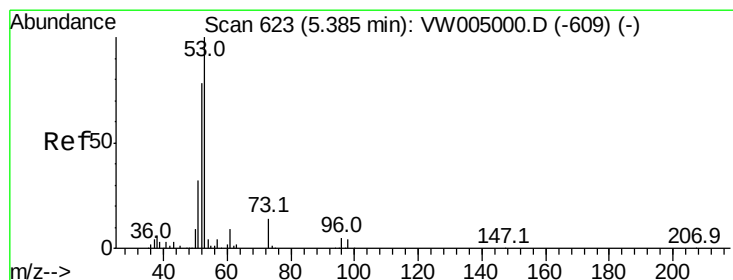
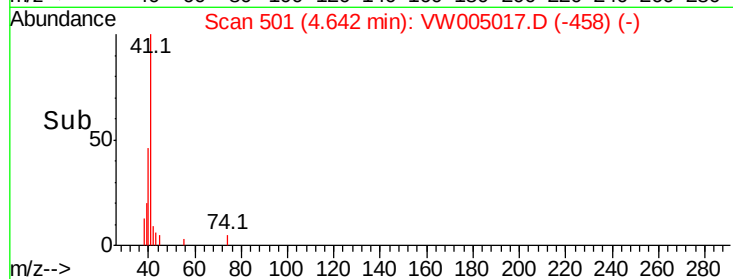
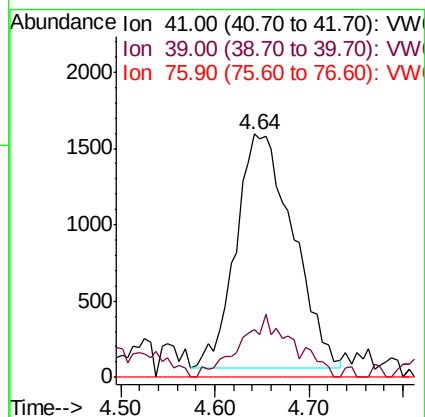
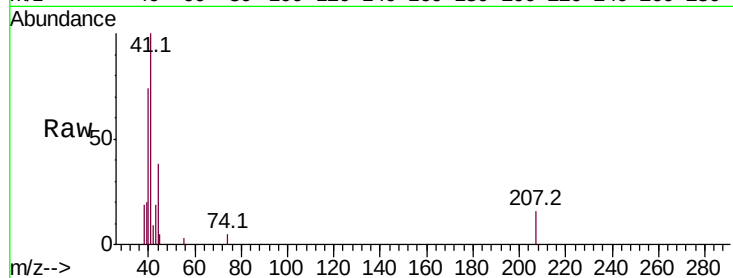




#14
Allvl chloride
Concen: 2.212 ug/l
RT: 4.64 min Scan# 501
Delta R.T. -0.04 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

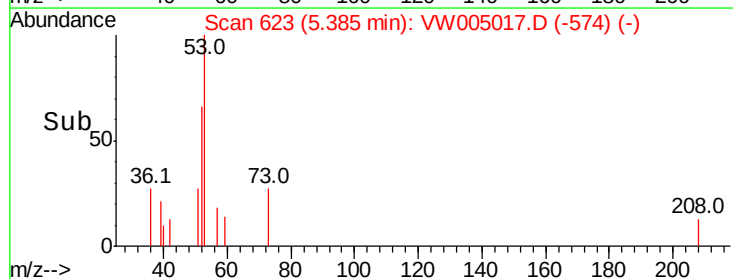
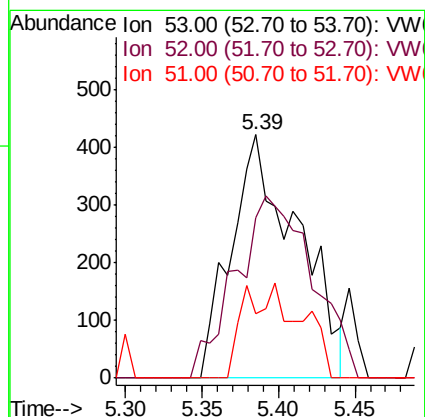
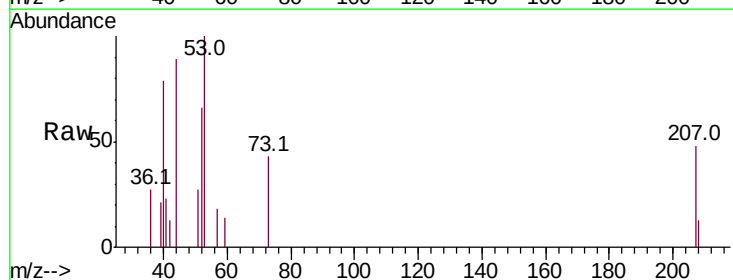
Instrument :
MSVOA_W
ClientSampled :

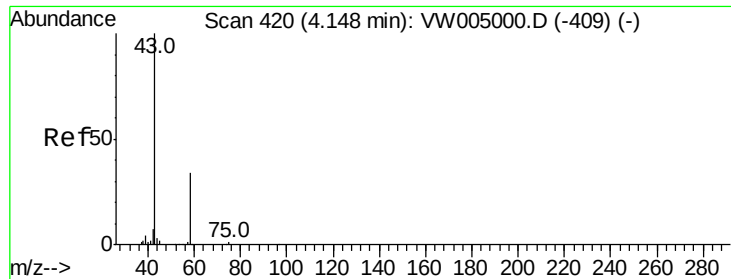
Tot Ion: 41 Resp: 6473
Ion Ratio Lower Upper
41 100
39 25.1 49.4 74.2#
76 0.0 31.4 47.2#



#15
Acrylonitrile
Concen: 2.672 ug/l
RT: 5.39 min Scan# 623
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 53 Resp: 1277
Ion Ratio Lower Upper
53 100
52 86.0 65.0 97.6
51 14.0 28.6 43.0#

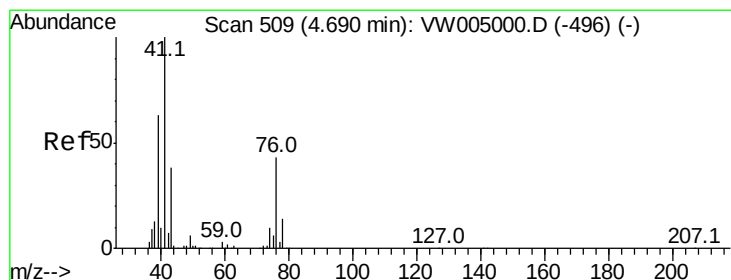
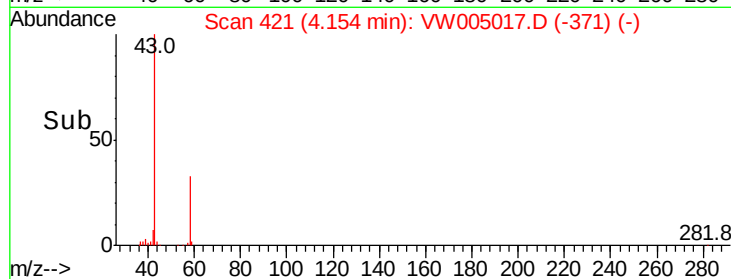
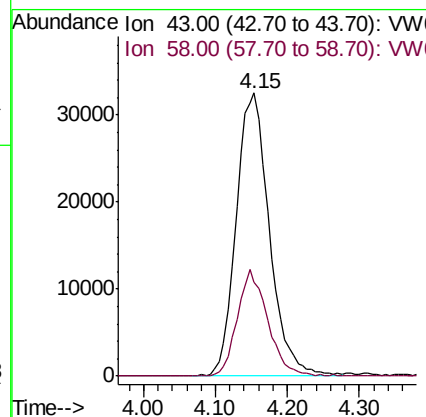
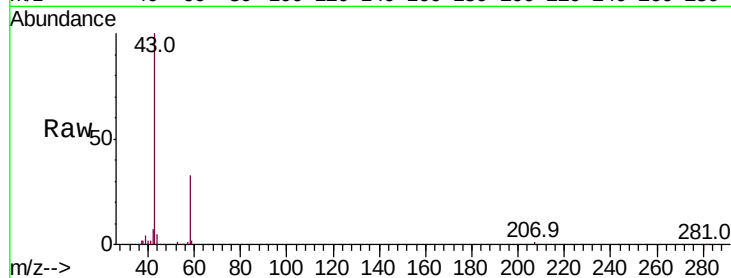




#16
Acetone
Concen: 259.617 ug/l
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

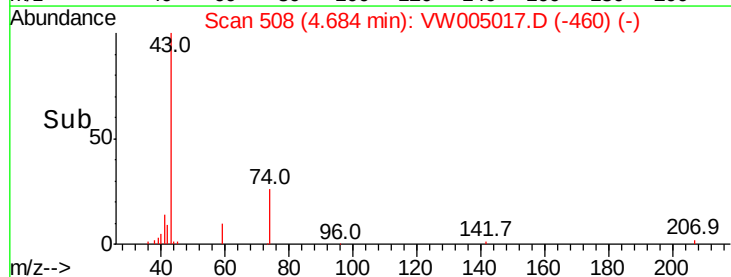
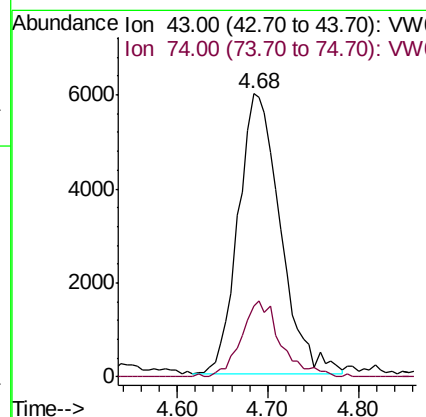
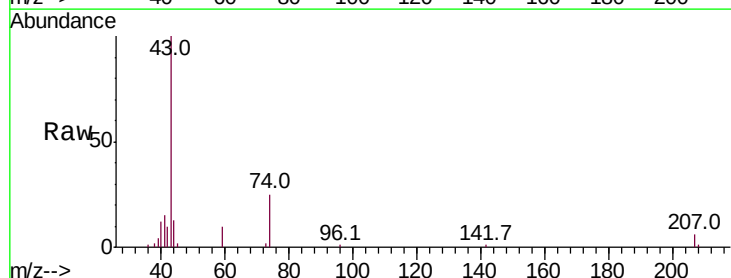
Instrument :
MSVOA_W
ClientSampleId :

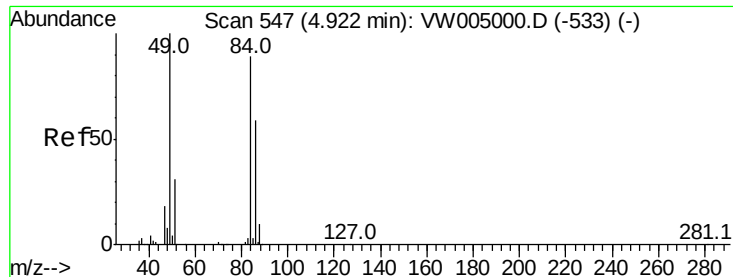
Tot Ion: 43 Resp: 104245
Ion Ratio Lower Upper
43 100
58 33.4 27.2 40.8



#18
Methyl Acetate
Concen: 19.620 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 43 Resp: 19082
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5

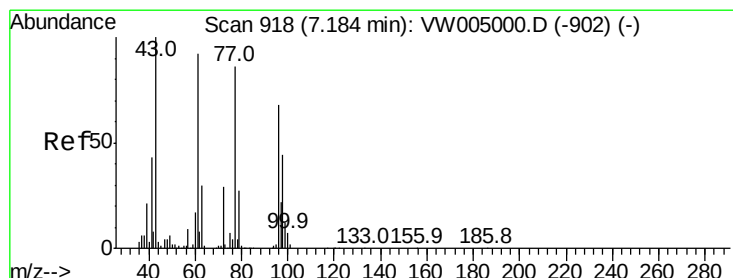
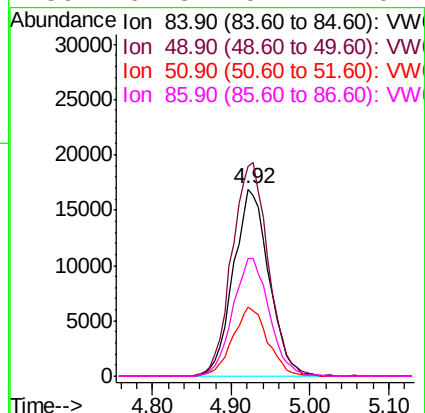
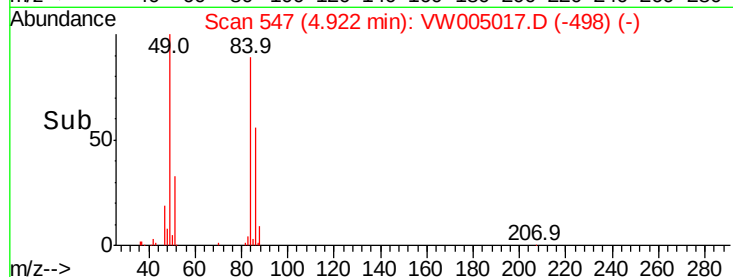
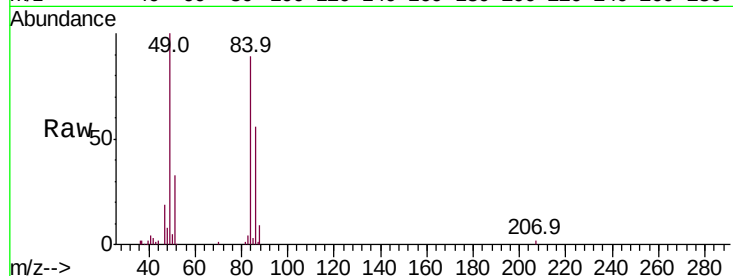




#20
Methvlene Chloride
Concen: 15.519 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

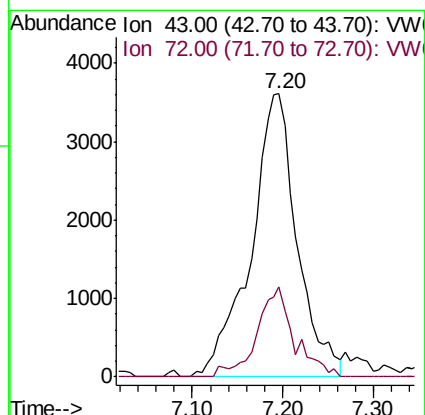
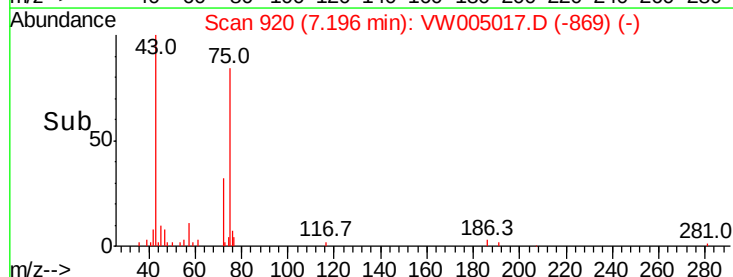
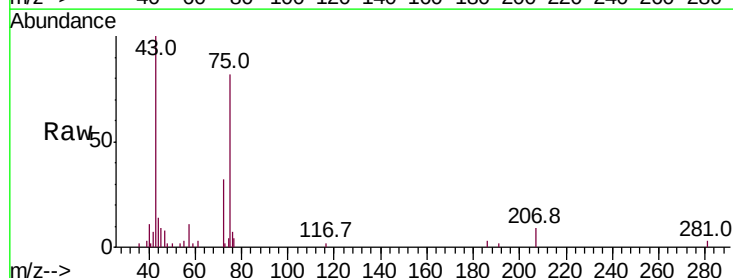
Instrument :
MSVOA_W
ClientSampleId :

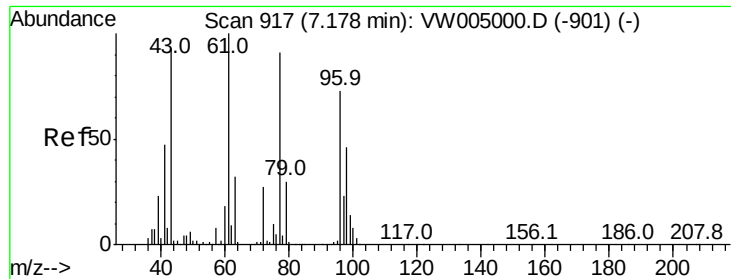
Tot Ion:	84	Resp:	53121
Ion	Ratio	Lower	Upper
84	100		
49	111.8	89.7	134.5
51	36.9	27.5	41.3
86	62.8	52.7	79.1



#25
2-Butanone
Concen: 20.370 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion:	43	Resp:	12755
Ion	Ratio	Lower	Upper
43	100		
72	31.9	23.4	35.2

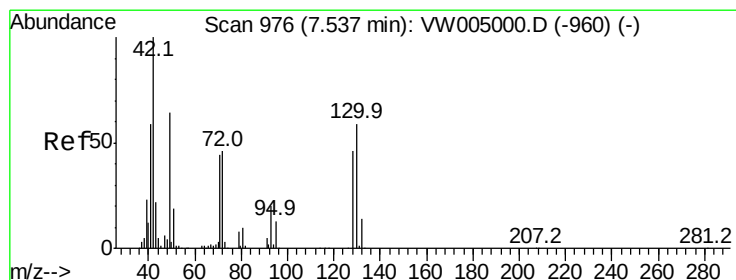
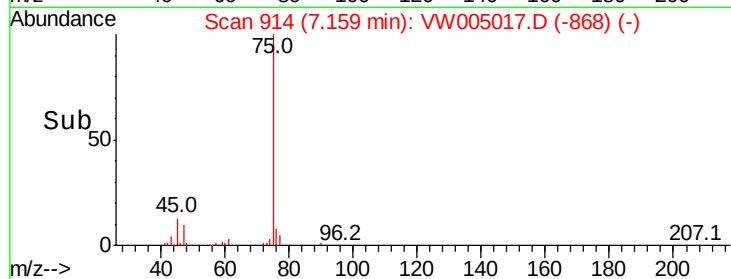
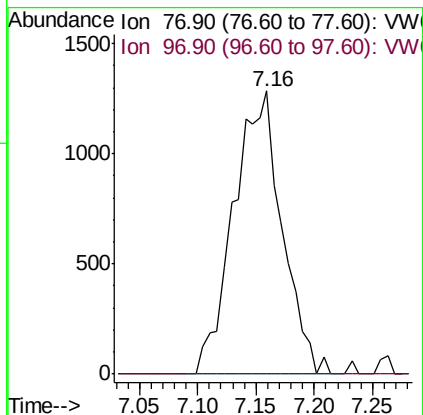
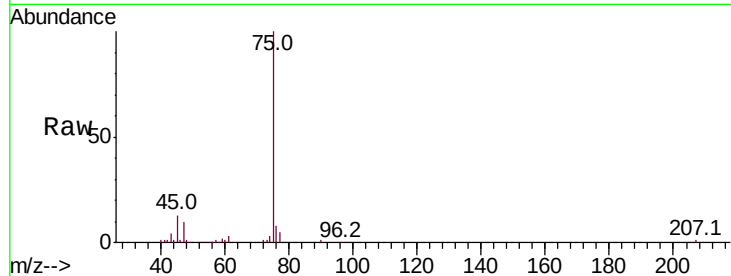




#26
 2,2-Dichloropropane
 Concen: 1.168 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

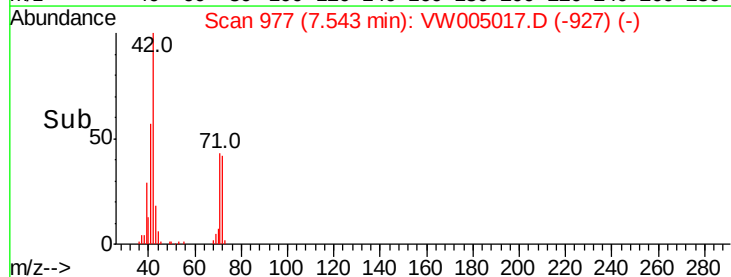
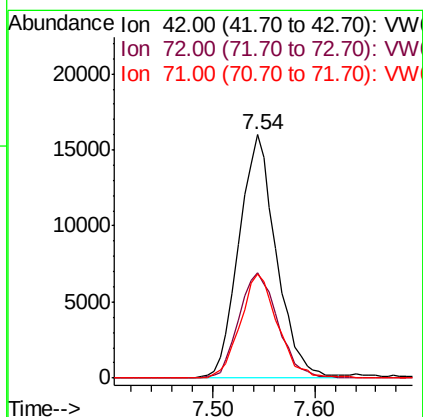
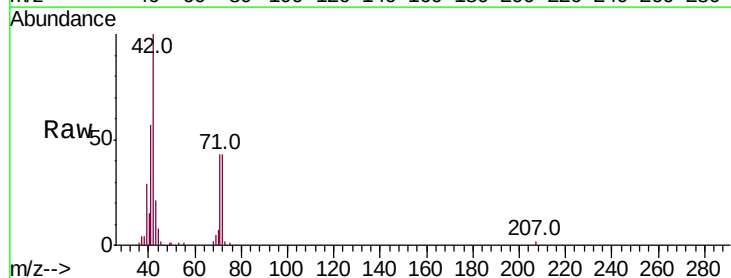
Instrument :
 MSVOA_W
 ClientSampled :

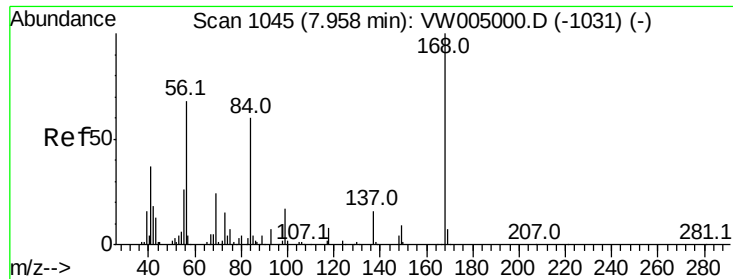
Tot Ion: 77 Resp: 3707
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.4#



#29
 Tetrahydrofuran
 Concen: 128.825 ug/l
 RT: 7.54 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion: 42 Resp: 40749
 Ion Ratio Lower Upper
 42 100
 72 45.1 36.6 55.0
 71 42.5 35.4 53.2

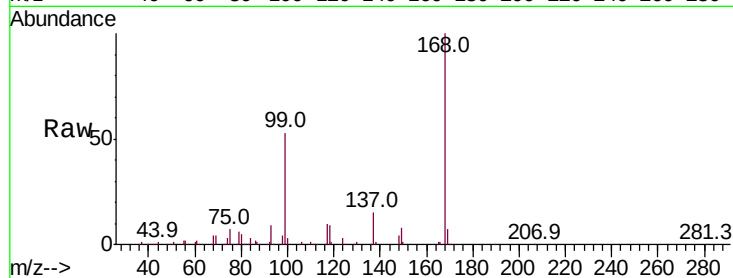




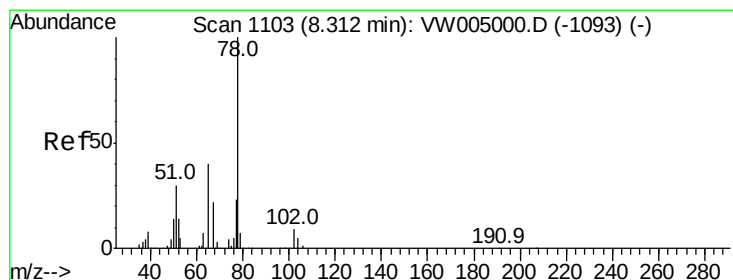
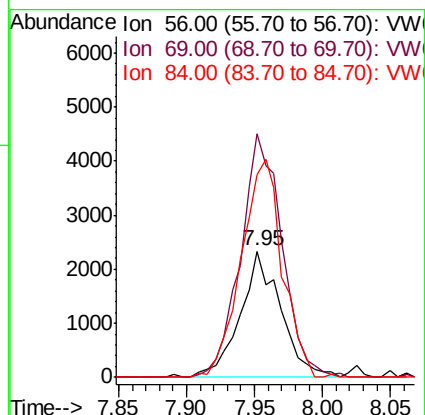
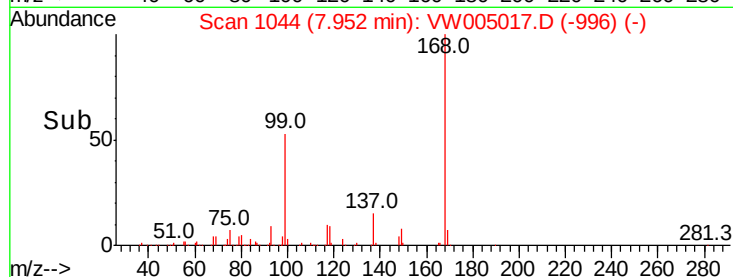
#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4841
Ion Ratio Lower Upper
56 100
69 192.8 27.9 41.9#
84 161.0 70.5 105.7#

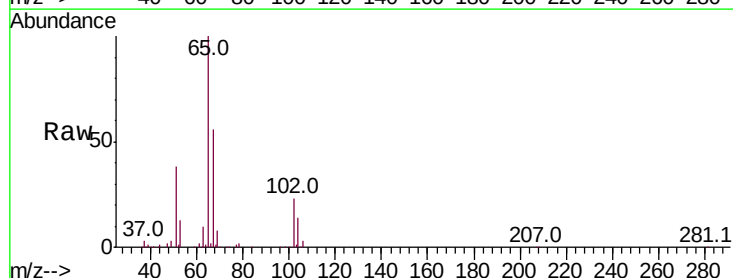


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

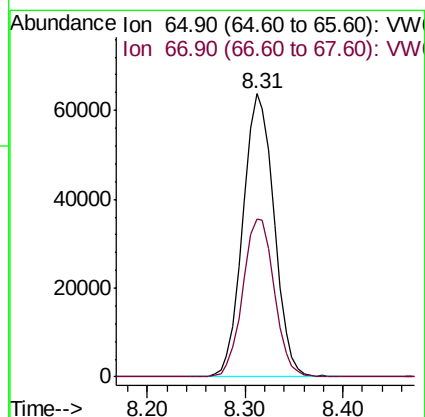
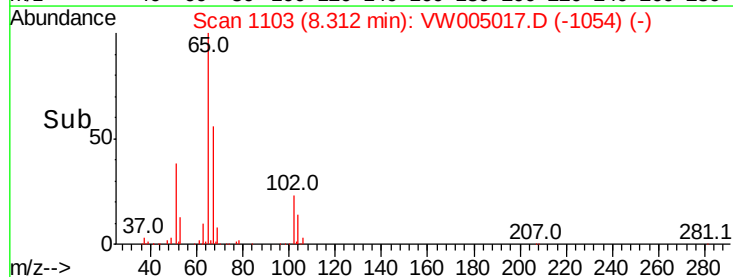


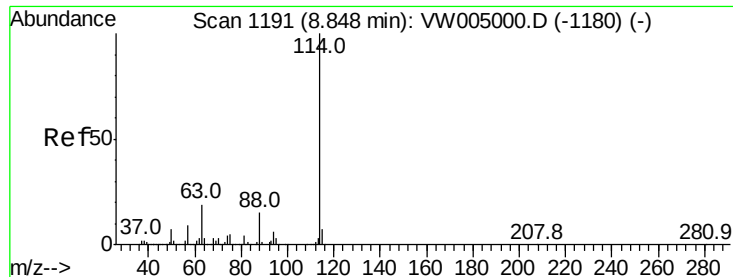
#33
1,2-Dichloroethane-d4
Concen: 79.441 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 65 Resp: 141447
Ion Ratio Lower Upper
65 100
67 56.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

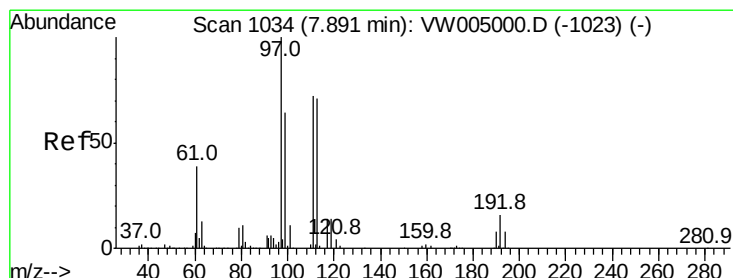
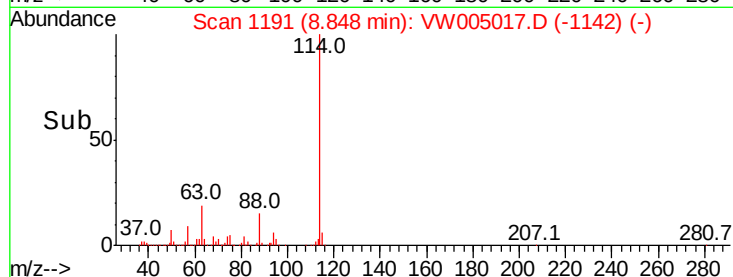
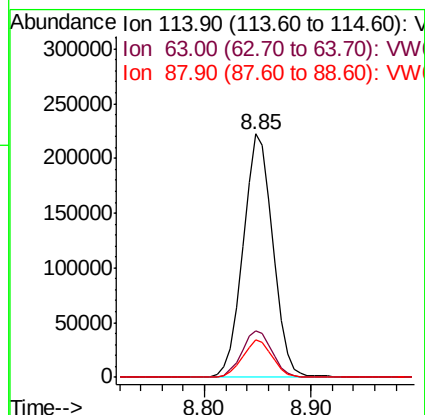
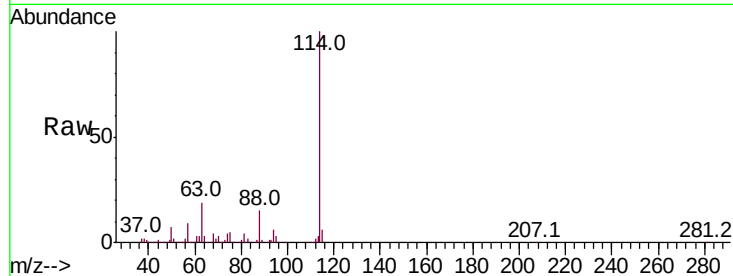




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

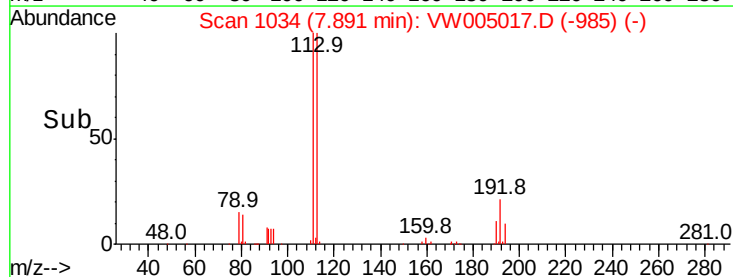
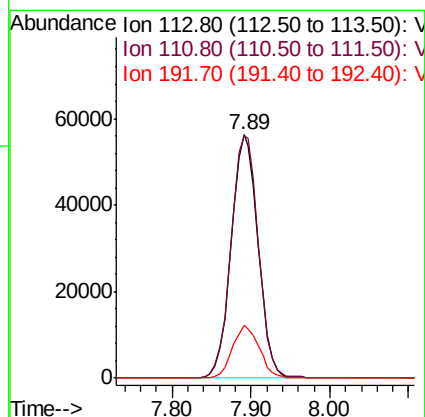
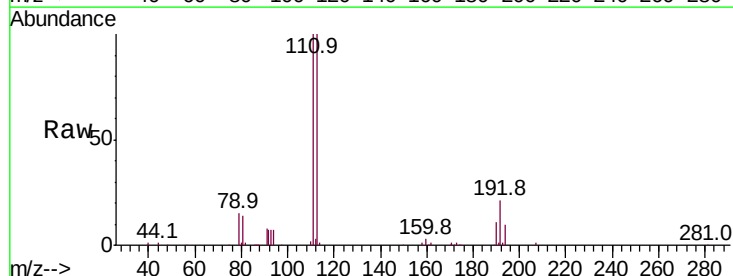
Instrument :
 MSVOA_W
 ClientSampleId :

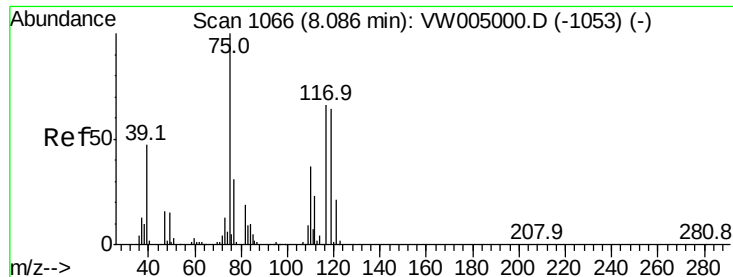
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.4
88	15.4	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 61.286 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	21.3	17.8	26.8





#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 7.95 min Scan# 1044

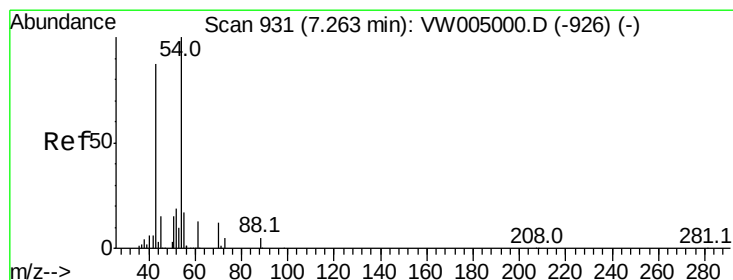
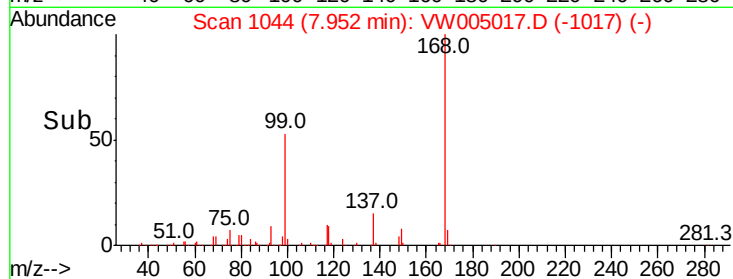
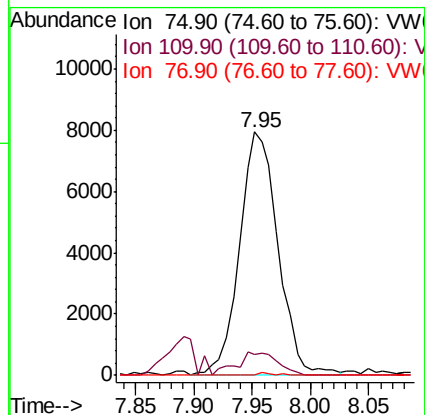
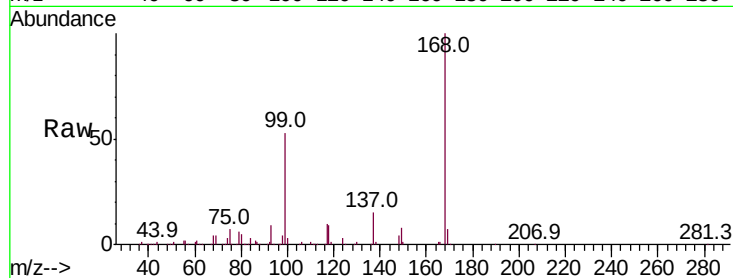
Delta R.T. -0.13 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	75	Resp:	18295
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.7	56.1#
77	0.4	24.9	37.3#



#37

Ethyl Acetate

Concen: 9.547 ug/l

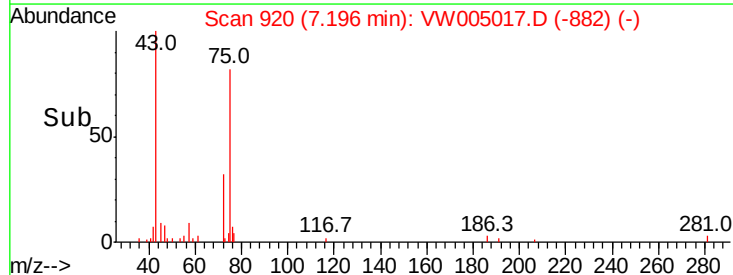
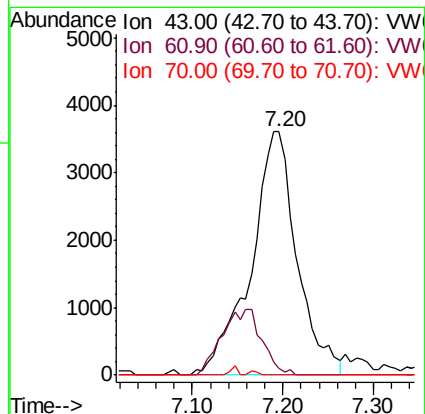
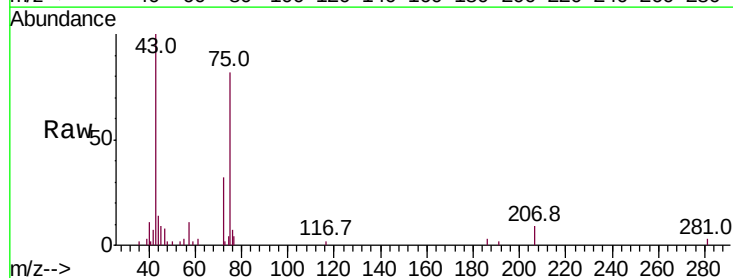
RT: 7.20 min Scan# 920

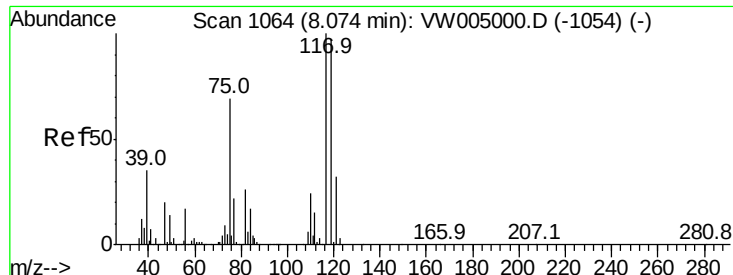
Delta R.T. -0.07 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Tgt Ion:	43	Resp:	12755
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.3	18.5#
70	0.0	9.7	14.5#





#38

Carbon Tetrachloride

Concen: 6.552 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

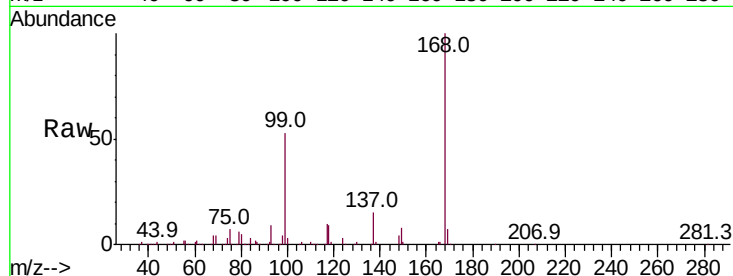
Tot Ion:117 Resp: 23503

Ion Ratio Lower Upper

117 100

119 5.9 77.8 116.8#

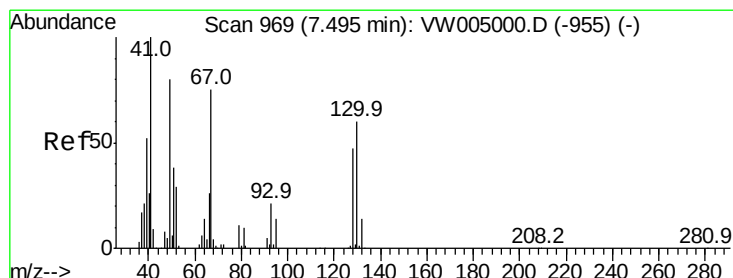
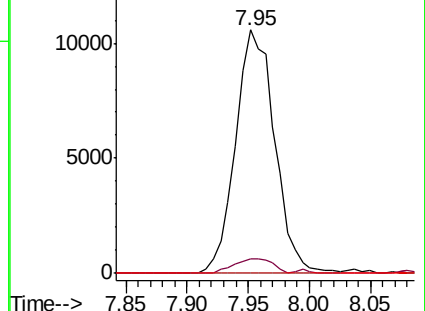
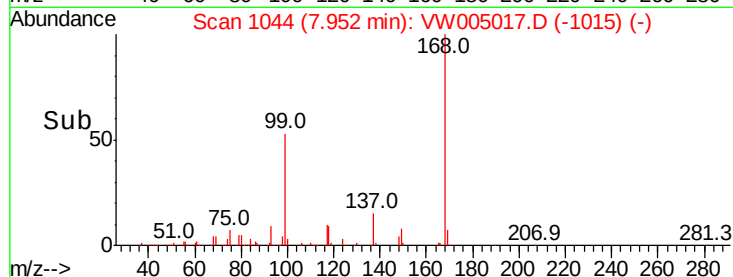
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 31.799 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.05 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Tgt Ion: 41 Resp: 24759

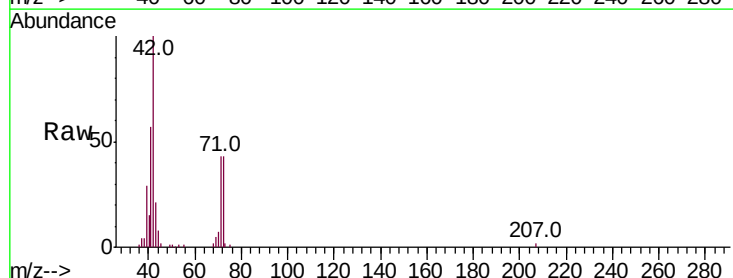
Ion Ratio Lower Upper

41 100

39 48.5 42.0 63.0

67 0.0 63.4 95.2#

52 0.0 24.6 37.0#

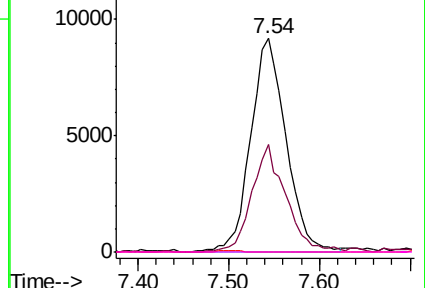
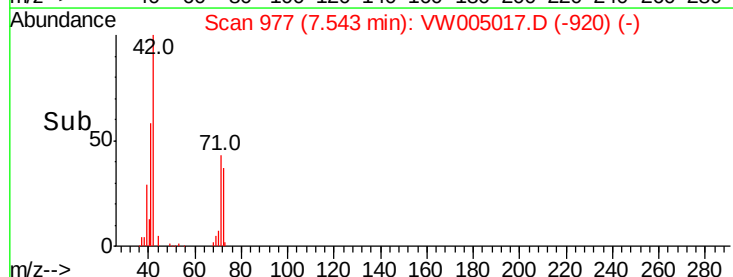


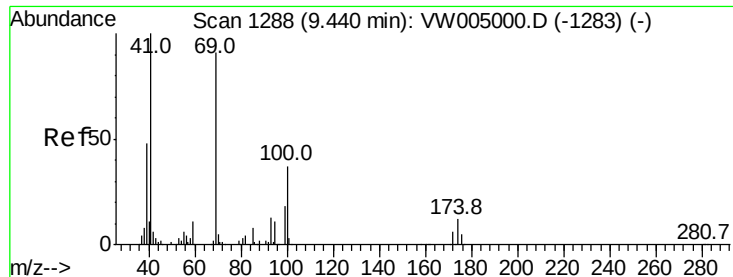
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

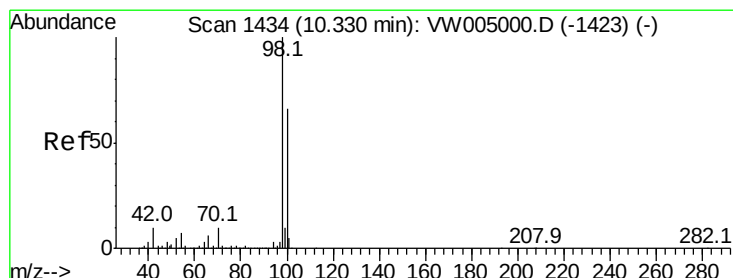
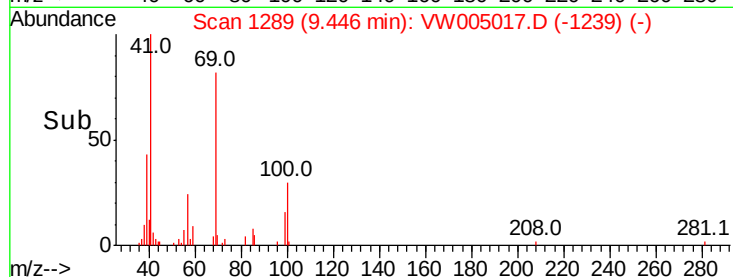
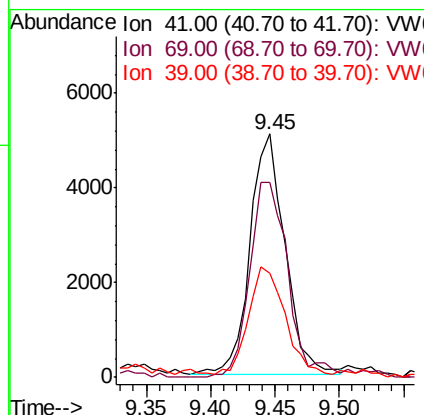
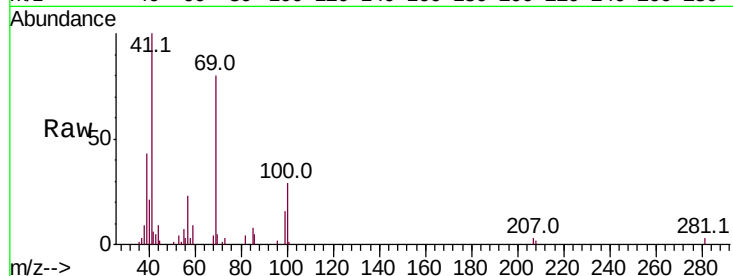




#48
Methvl methacrylate
Concen: 8.465 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

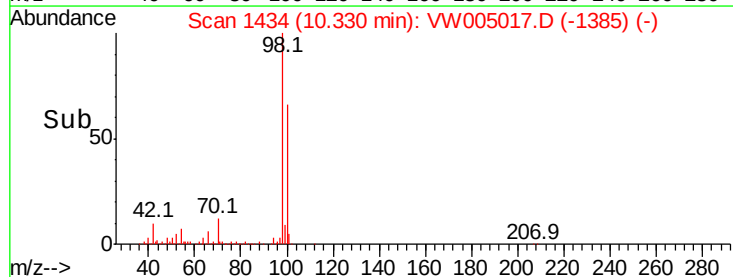
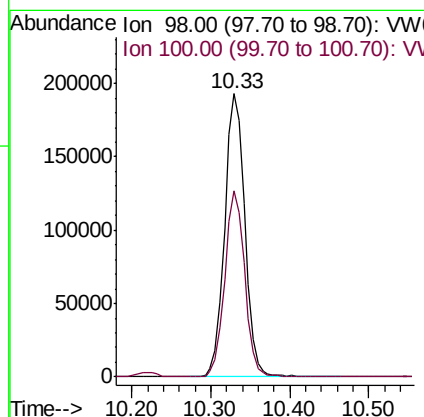
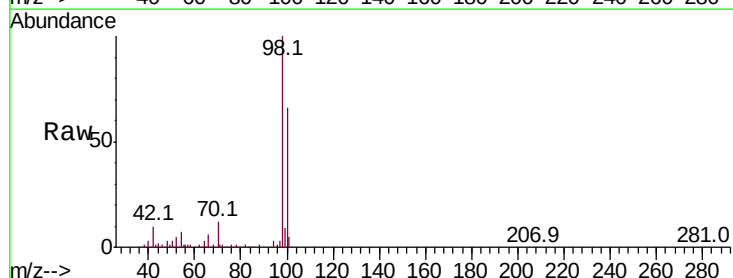
Instrument :
MSVOA_W
ClientSampleId :

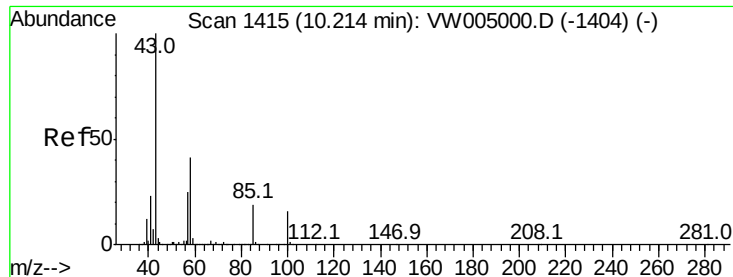
Tot Ion: 41 Resp: 9584
Ion Ratio Lower Upper
41 100
69 87.4 72.5 108.7
39 46.3 37.0 55.6



#50
Toluene-d8
Concen: 28.891 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 98 Resp: 343857
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

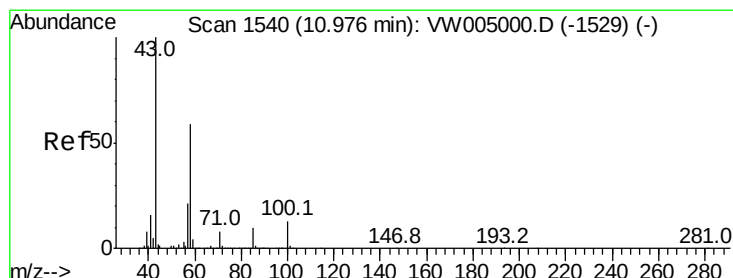
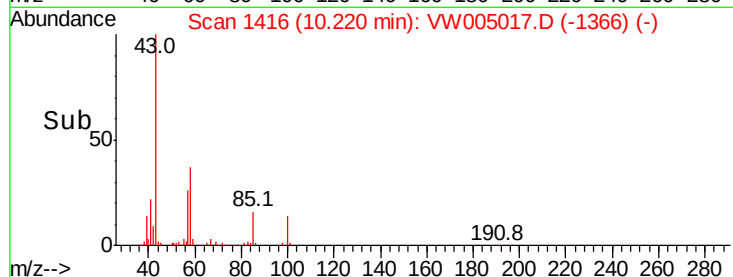
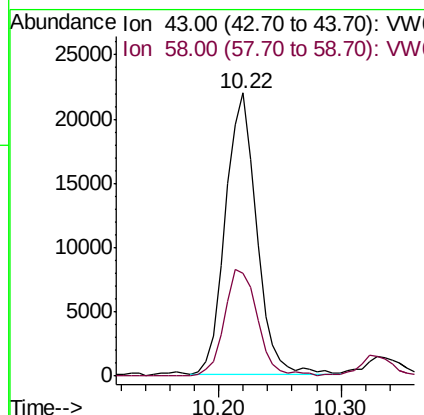
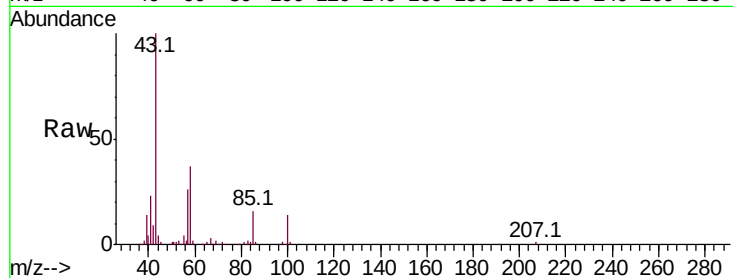




#51
 4-Methyl-2-Pentanone
 Concen: 19.323 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

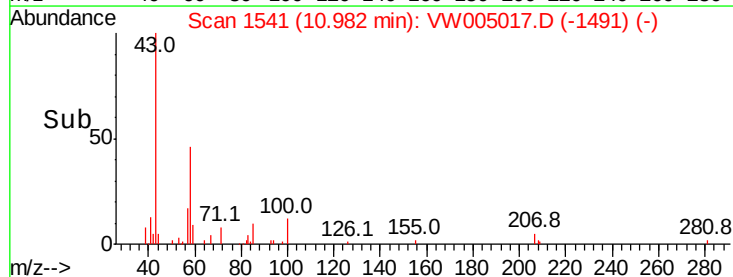
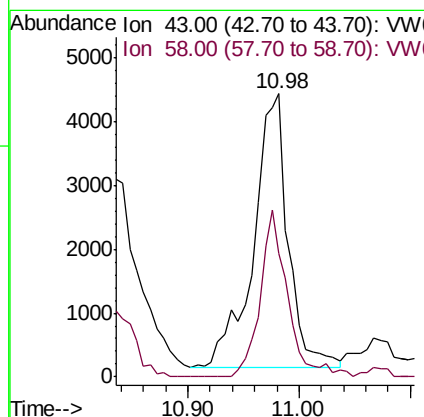
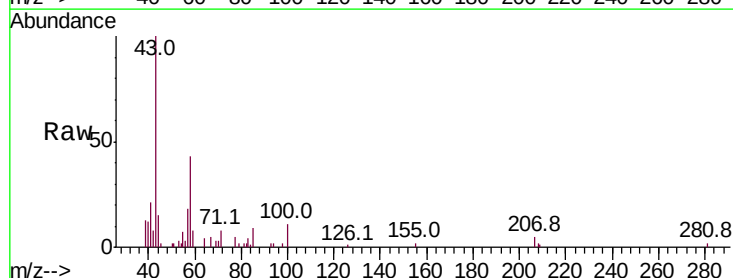
Instrument :
 MSVOA_W
 ClientSampleId :

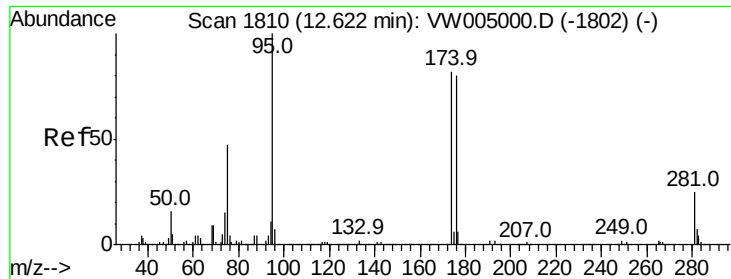
Tot Ion: 43 Resp: 38475
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3



#59
 2-Hexanone
 Concen: 6.461 ug/l
 RT: 10.98 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion: 43 Resp: 9315
 Ion Ratio Lower Upper
 43 100
 58 48.2 29.2 87.6

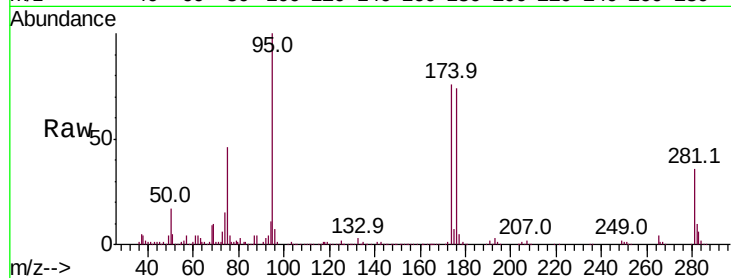




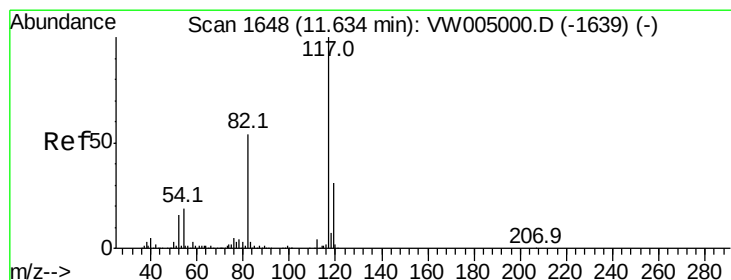
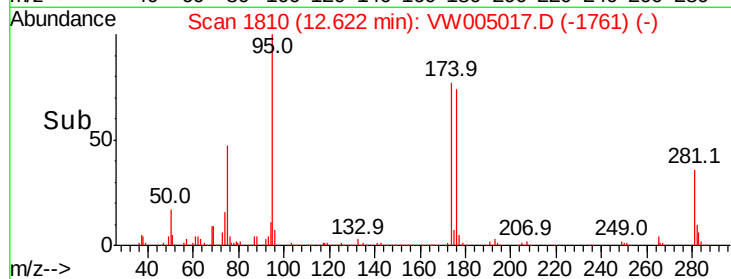
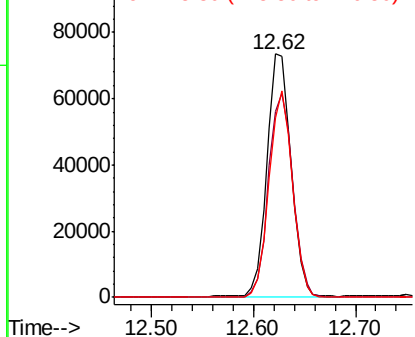
#62
4-Bromofluorobenzene
Concen: 27.786 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	173.4
176	81.8	0.0	167.8

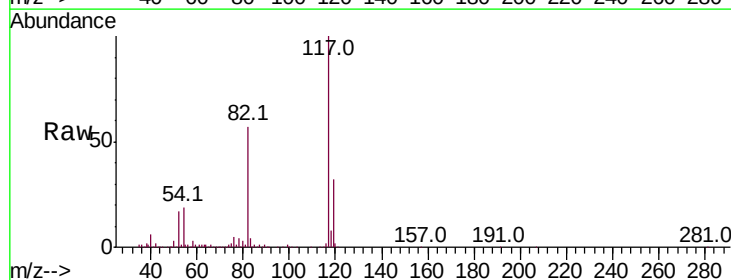


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

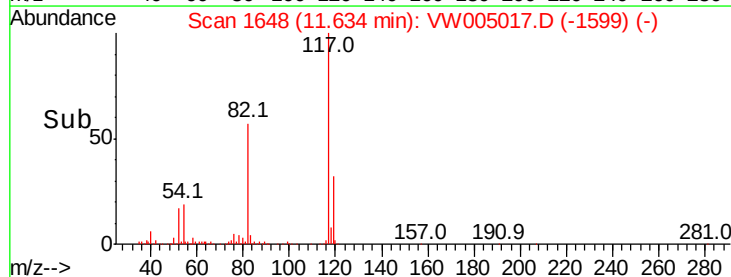
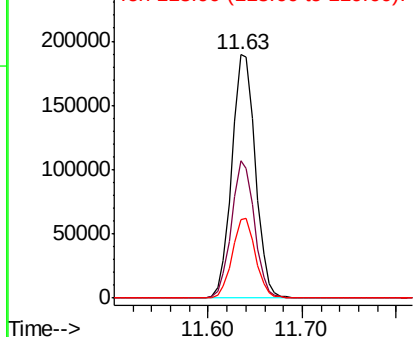


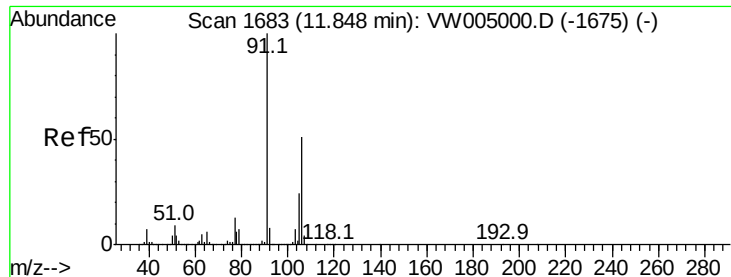
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.3	64.9
119	32.1	25.0	37.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xvlenes

Concen: 1.426 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

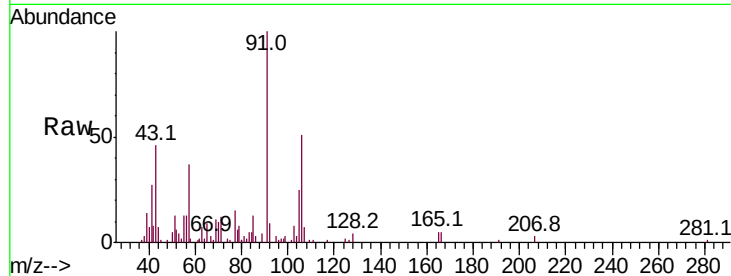
ClientSampleId :

Tot Ion:106 Resp: 7194

Ion Ratio Lower Upper

106 100

91 202.0 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

8000

6000

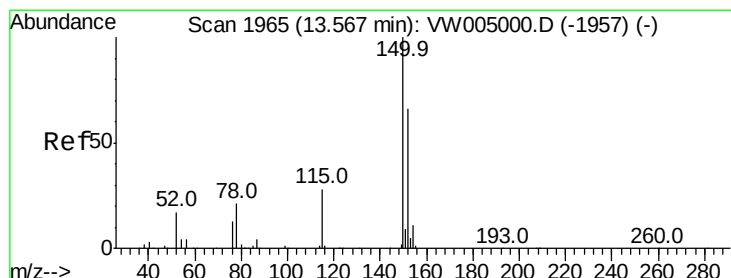
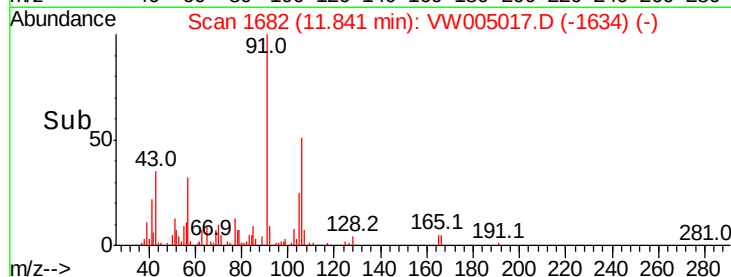
4000

2000

0

11.80 11.85 11.90

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

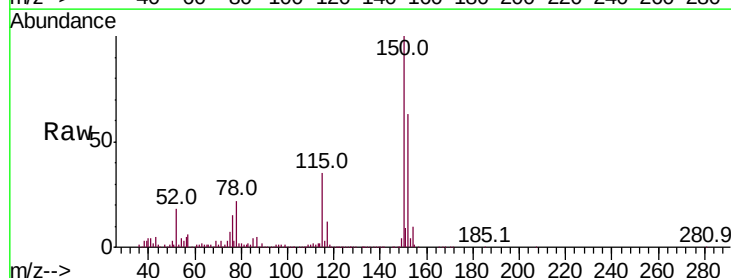
Tgt Ion:152 Resp: 115641

Ion Ratio Lower Upper

152 100

115 57.5 28.0 83.9

150 159.3 0.0 347.2



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

150000

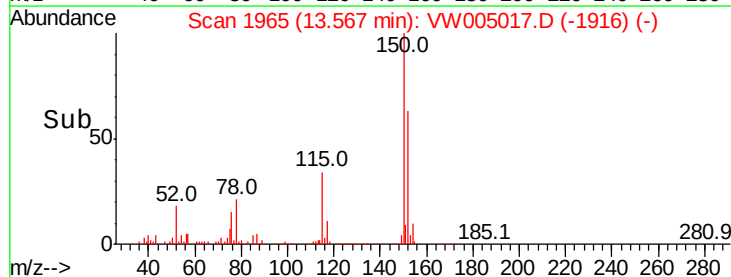
100000

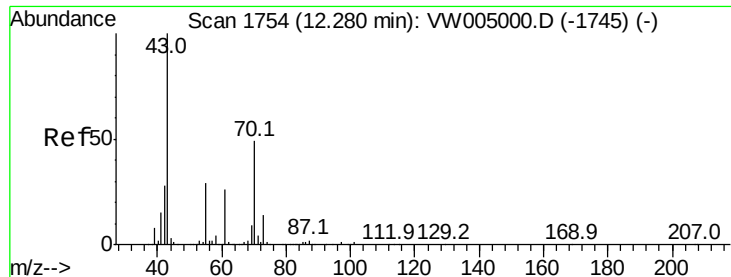
50000

0

13.50 13.55 13.60

Time-->





#74

N-amvl acetate

Concen: 6.420 ug/l

RT: 12.24 min Scan# 1748

Delta R.T. -0.04 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 9339

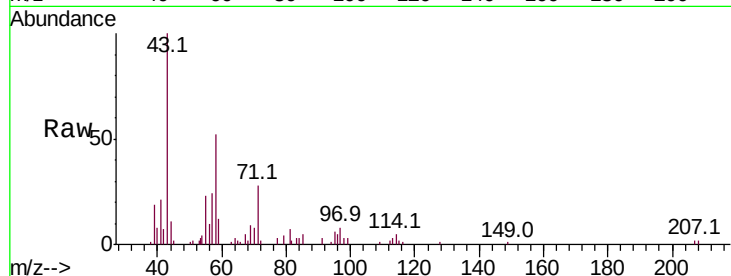
Ion Ratio Lower Upper

43 100

70 0.0 38.6 57.8#

55 15.0 23.6 35.4#

61 0.0 21.0 31.6#

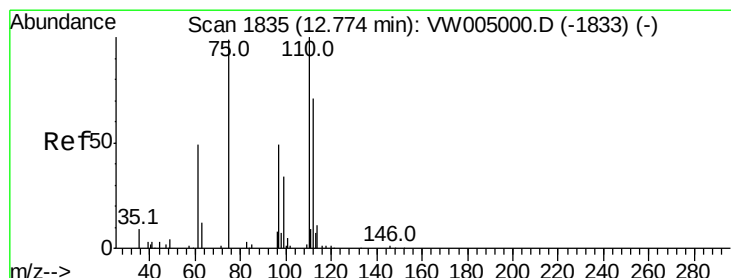
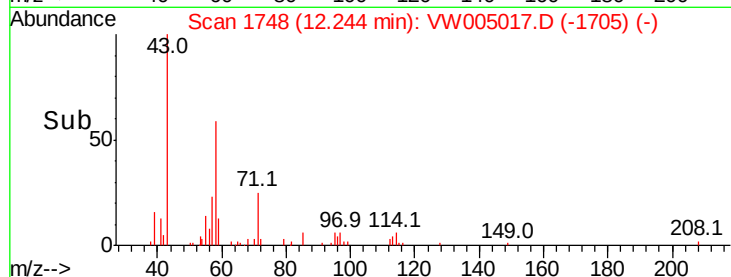
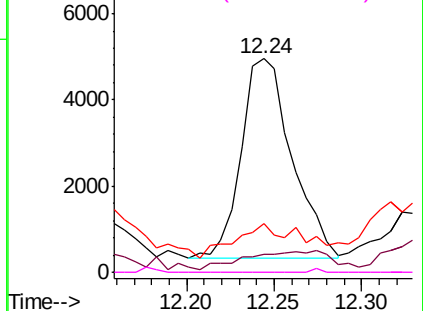


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 69.082 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005017.D

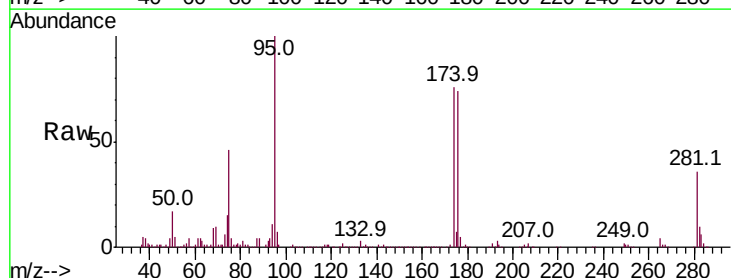
Acq: 30 Aug 2018 14:43

Tgt Ion: 75 Resp: 56580

Ion Ratio Lower Upper

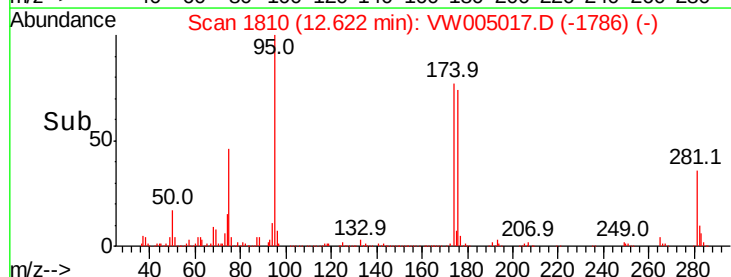
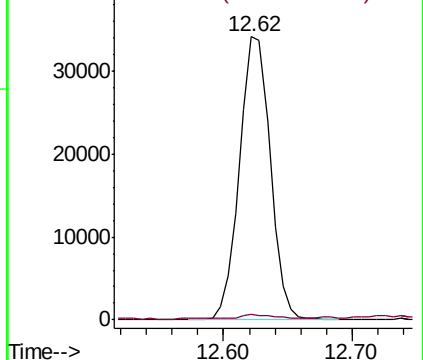
75 100

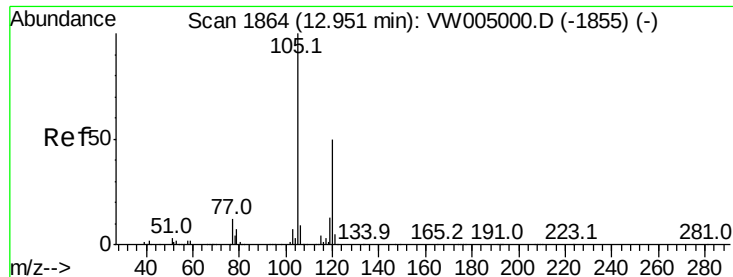
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#80

1,3,5-Trimethylbenzene

Concen: 1.596 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

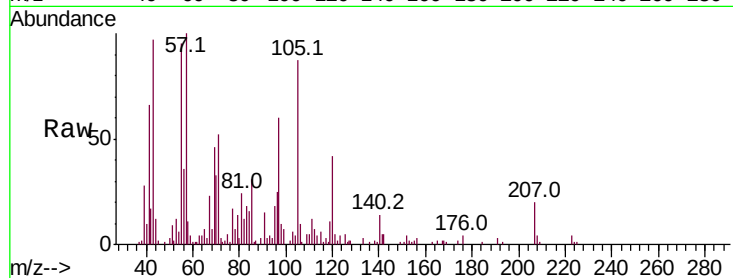
ClientSampled :

Tot Ion:105 Resp: 10873

Ion Ratio Lower Upper

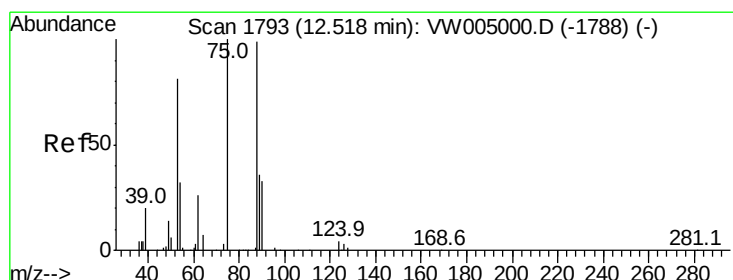
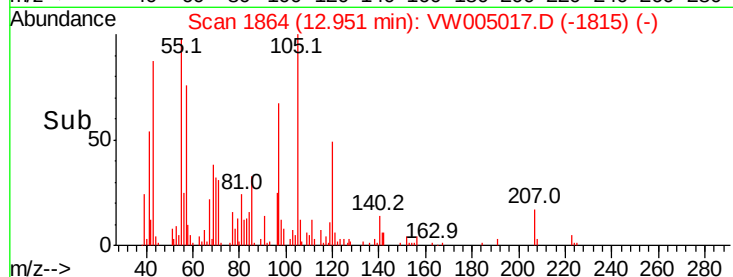
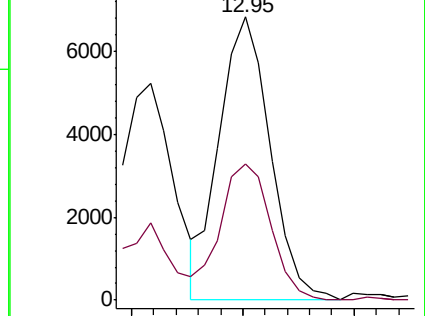
105 100

120 47.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 156.126 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

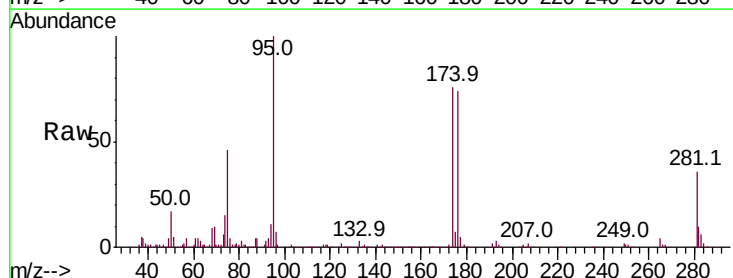
Tgt Ion: 75 Resp: 56580

Ion Ratio Lower Upper

75 100

53 0.3 67.4 101.2#

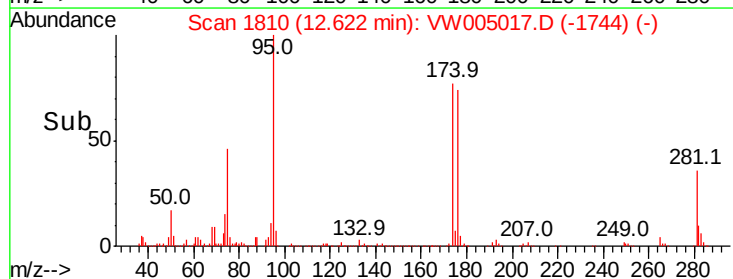
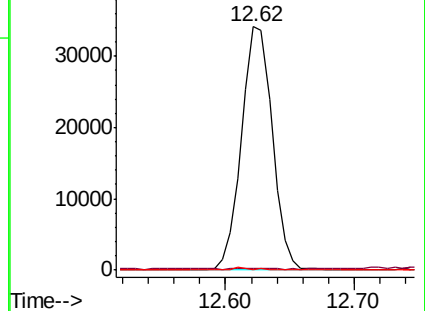
89 0.0 35.0 52.6#

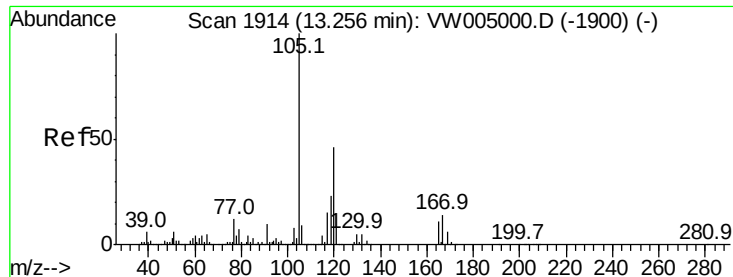


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

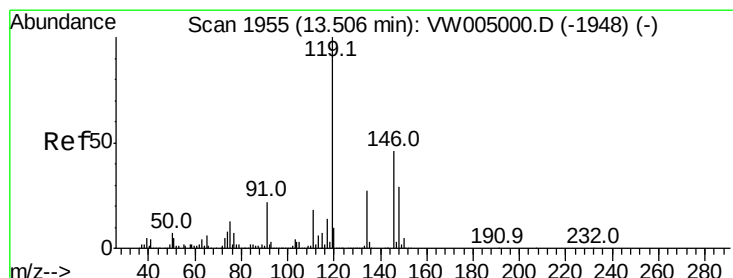
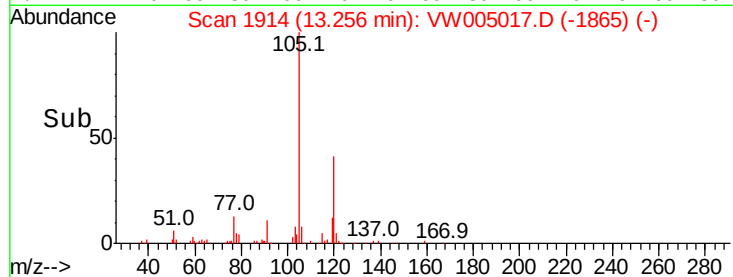
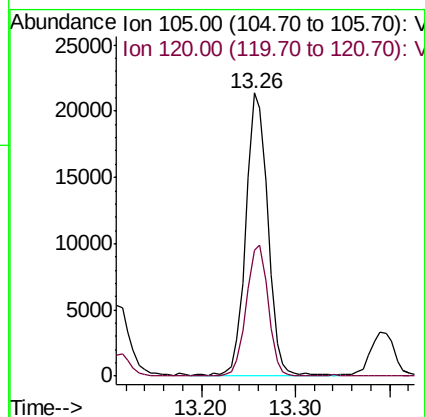
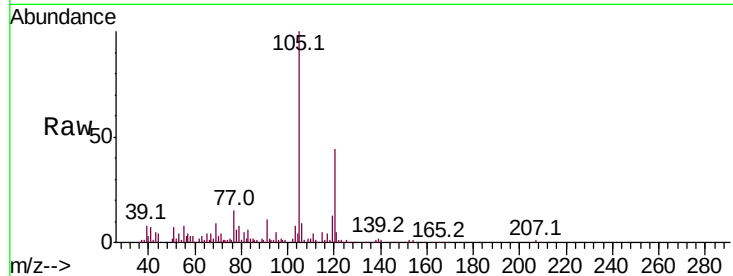




#84
 1,2,4-Trimethylbenzene
 Concen: 5.069 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

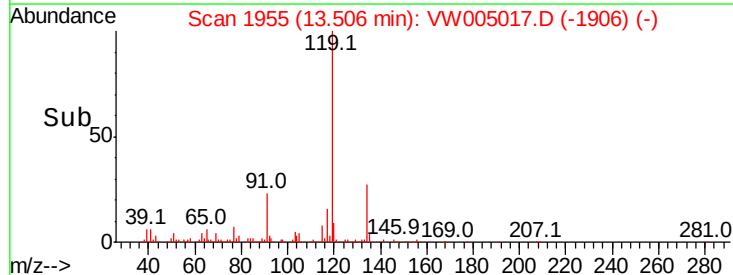
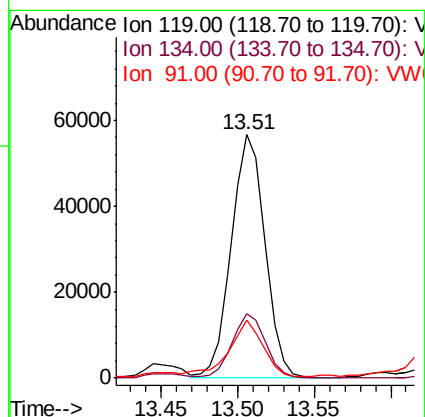
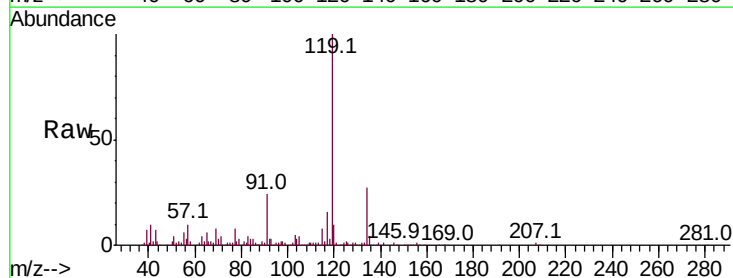
Instrument :
 MSVOA_W
 ClientSampleId :

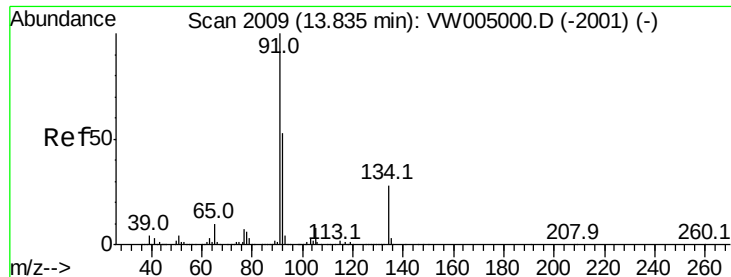
Tot Ion:105 Resp: 35028
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7



#86
 p-Isopropyltoluene
 Concen: 11.421 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion:119 Resp: 85923
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 22.6 10.9 32.9





#89

n-Butylbenzene

Concen: 2.354 ug/l

RT: 13.63 min Scan# 1975

Delta R.T. -0.21 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

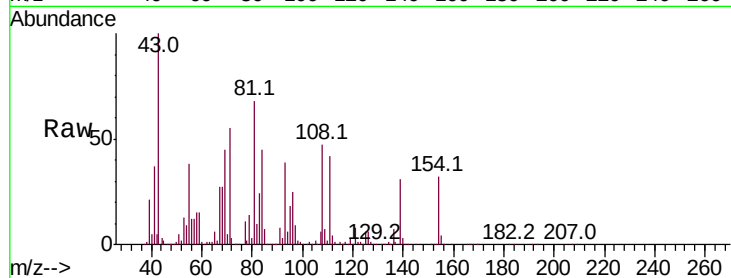
Tot Ion: 91 Resp: 16628

Ion Ratio Lower Upper

91 100

92 38.5 26.5 79.4

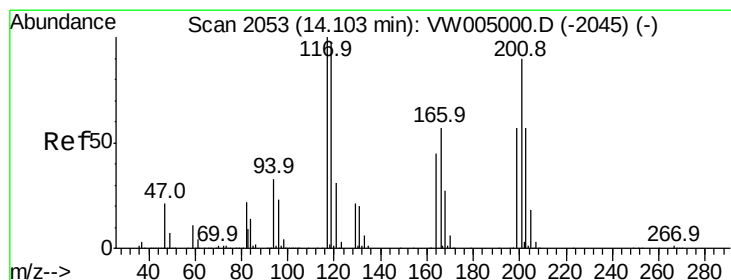
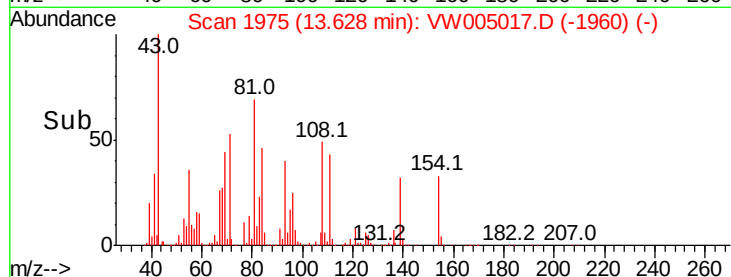
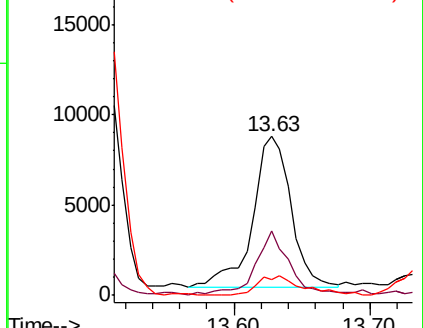
134 14.9 13.4 40.1



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



#90

Hexachloroethane

Concen: 1.252 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW005017.D

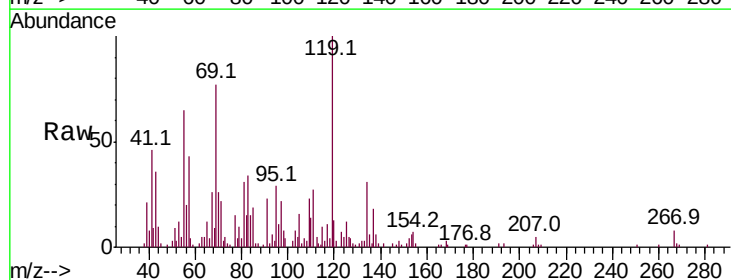
Acq: 30 Aug 2018 14:43

Tgt Ion: 117 Resp: 1481

Ion Ratio Lower Upper

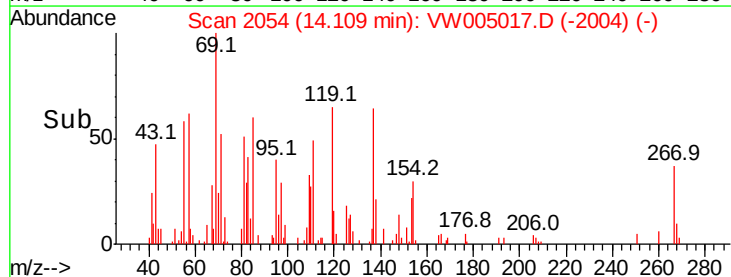
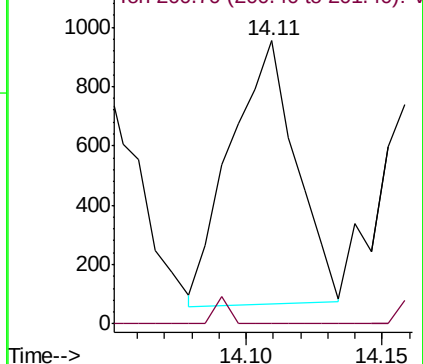
117 100

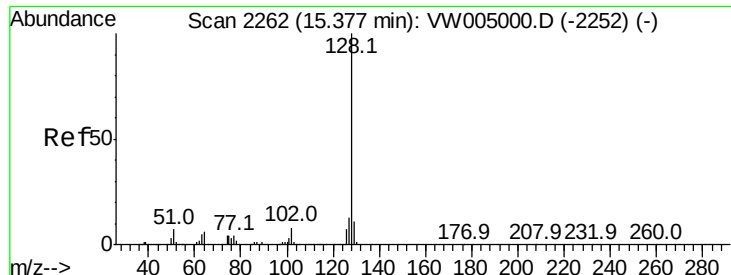
201 2.2 44.3 132.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 5.361 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

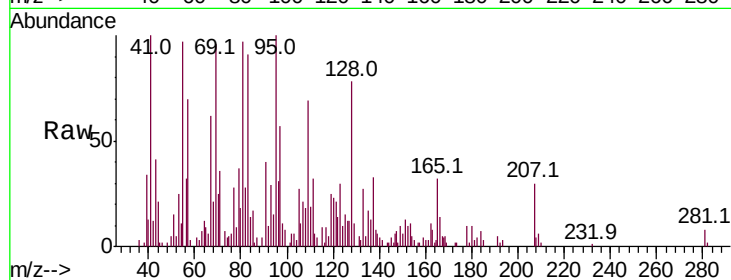
Tot Ion:128 Resp: 5562

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 9.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

