

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007047.D
 Acq On : 26 Nov 2018 15:08
 Operator : VAY/AP
 Sample : J6003-08
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:24:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	198034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54168	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	7.89	113	46885	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
50) Toluene-d8	10.32	98	219710	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
62) 4-Bromofluorobenzene	12.62	95	89442	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

					Qvalue	
13) Acrolein	3.87	56	1189	14.613	ug/l #	1
14) Allyl chloride	4.78	41	5351	2.867	ug/l #	48
15) Acrylonitrile	5.45	53	4847	20.224	ug/l #	44
16) Acetone	4.14	43	12032	68.091	ug/l	95
18) Methyl Acetate	4.75	43	3226	5.127	ug/l #	50
20) Methylene Chloride	4.92	84	2753	Below Cal	#	64
23) Vinyl Acetate	6.24	43	3087	1.600	ug/l #	71
25) 2-Butanone	7.17	43	7377	24.375	ug/l #	72
29) Tetrahydrofuran	7.52	42	481	2.454	ug/l #	32
30) Chloroform	7.63	83	11220	4.779	ug/l #	18
31) Cyclohexane	7.95	56	68656	29.290	ug/l #	85
36) 1,1-Dichloropropene	7.95	75	9346	4.829	ug/l #	57
37) Ethyl Acetate	7.17	43	7377	10.520	ug/l #	69
38) Carbon Tetrachloride	7.95	117	12713	6.860	ug/l #	17
39) Methylcyclohexane	9.34	83	101562	41.938	ug/l #	83
41) Methacrylonitrile	7.52	41	3173	7.286	ug/l #	44
43) Isopropyl Acetate	8.48	43	234018	175.114	ug/l #	49
47) Bromodichloromethane	9.63	83	8979	5.285	ug/l #	26
48) Methyl methacrylate	9.47	41	19119	29.671	ug/l #	27
51) 4-Methyl-2-Pentanone	10.32	43	5210	7.715	ug/l	94
52) Toluene	10.39	92	7562	2.127	ug/l	92
55) 1,1,2-Trichloroethane	10.76	97	32727	34.495	ug/l #	38
56) Ethyl methacrylate	10.69	69	5996	5.444	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	3392	5.894	ug/l #	68
59) 2-Hexanone	10.94	43	20094	43.449	ug/l #	32
67) Ethyl Benzene	11.73	91	66707	9.723	ug/l	97
68) m/p-Xylenes	11.84	106	39416	14.643	ug/l	99
69) o-Xylene	12.17	106	7254	2.858	ug/l	98
73) Isopropylbenzene	12.47	105	33249	4.920	ug/l	97
74) N-amyl acetate	12.26	43	18719	16.526	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.71	83	1336	1.485	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	40819	59.735	ug/l #	100
78) n-propylbenzene	12.81	91	160570	19.614	ug/l	100
79) 2-Chlorotoluene	12.90	91	8411	1.782	ug/l #	42

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 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

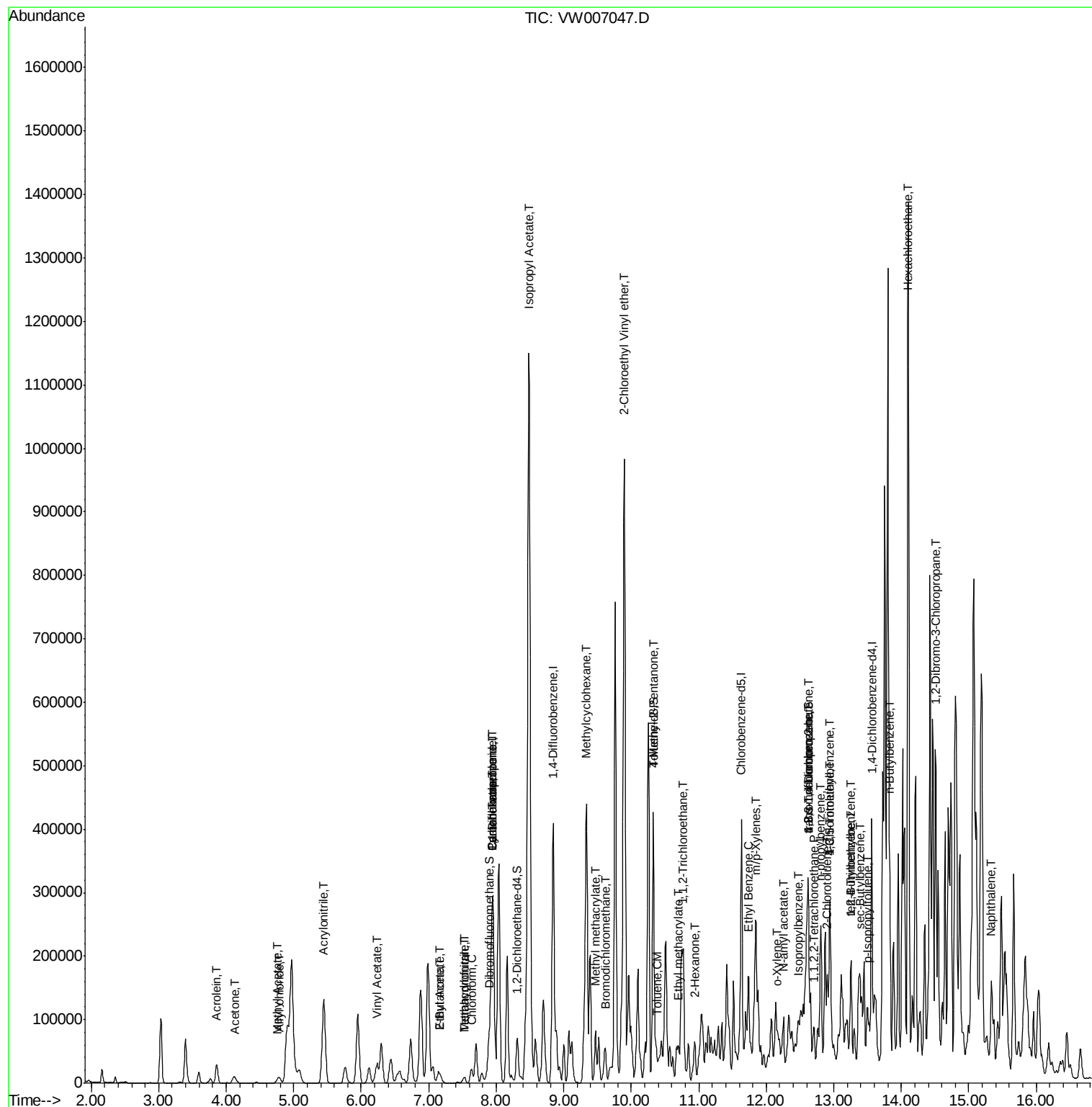
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	79794	13.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	40819	149.971	ug/l #	10
82) 4-Chlorotoluene	12.94	91	8256	1.667	ug/l #	51
83) tert-Butylbenzene	13.26	119	10595	2.094	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.26	105	86250	14.812	ug/l	98
85) sec-Butylbenzene	13.39	105	70212	9.822	ug/l #	47
86) p-Isopropyltoluene	13.51	119	28030	4.445	ug/l	98
89) n-Butylbenzene	13.83	91	132803	22.377	ug/l #	73
90) Hexachloroethane	14.10	117	62989	68.414	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1549	10.197	ug/l #	1
95) Naphthalene	15.34	128	3887	1.251	ug/l #	1

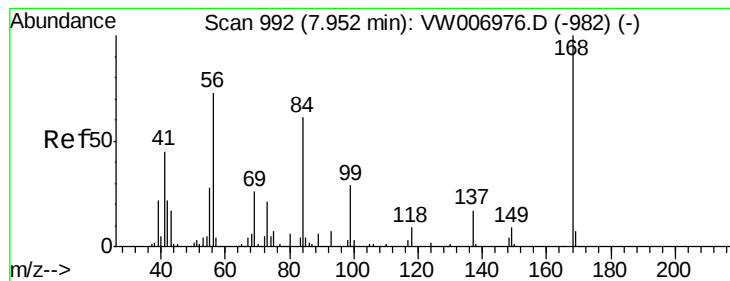
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

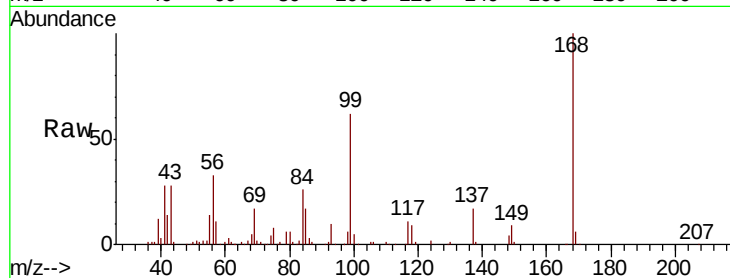
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 124315

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

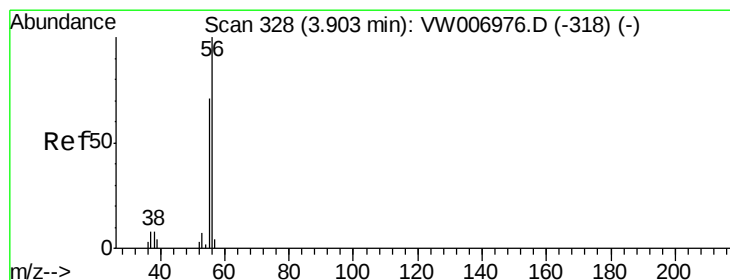
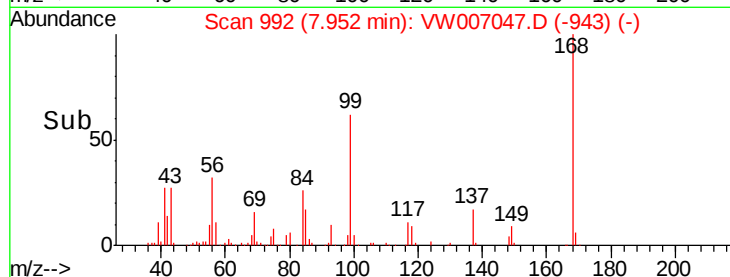
20000

10000

0

Time-->

7.90 8.00



#13

Acrolein

Concen: 14.613 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.04 min

Lab File: VW007047.D

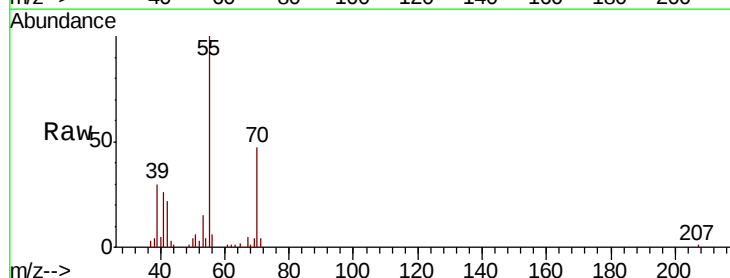
Acq: 26 Nov 2018 15:08

Tgt Ion: 56 Resp: 1189

Ion Ratio Lower Upper

56 100

55 2103.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

12000

10000

8000

6000

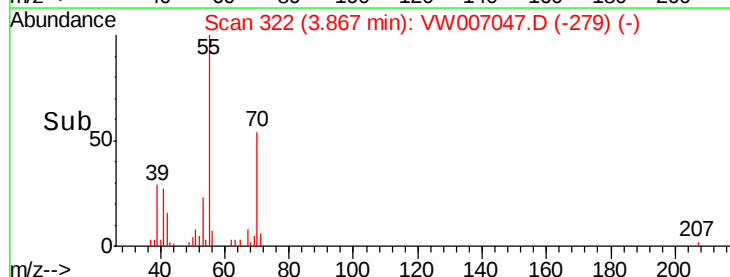
4000

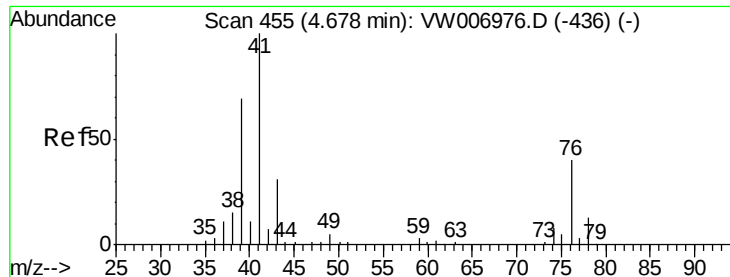
2000

0

Time-->

3.80 3.85 3.90

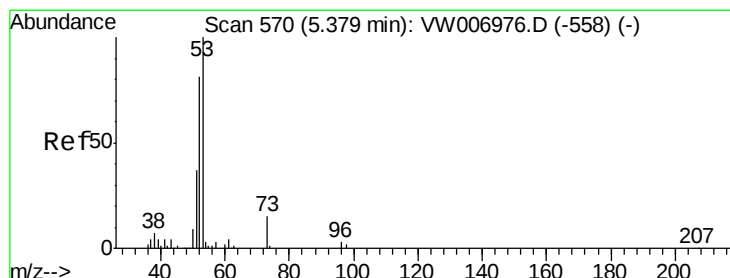
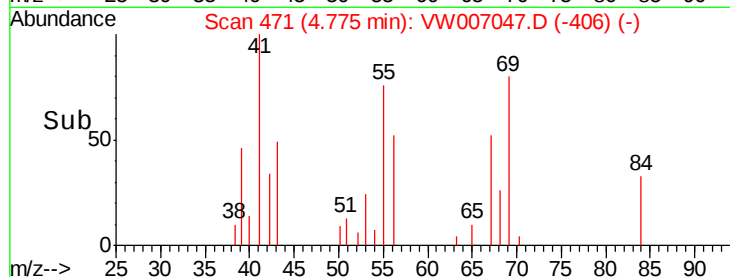
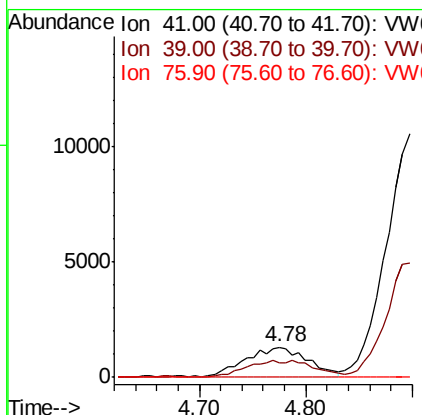
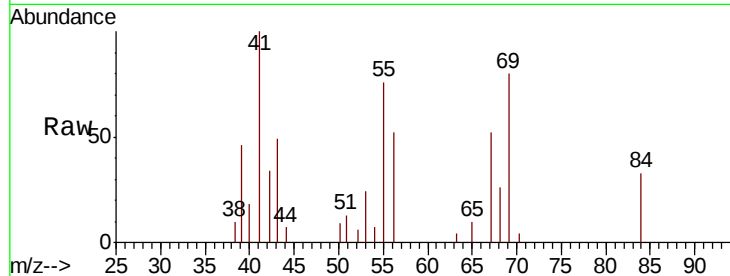




#14
Allvl chloride
Concen: 2.867 ug/l
RT: 4.78 min Scan# 471
Delta R.T. 0.10 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

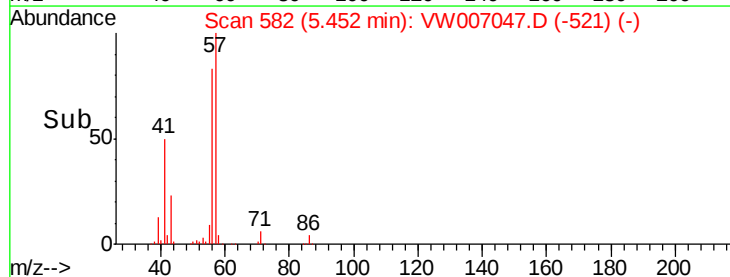
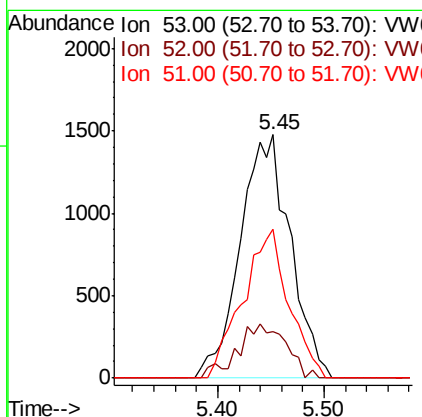
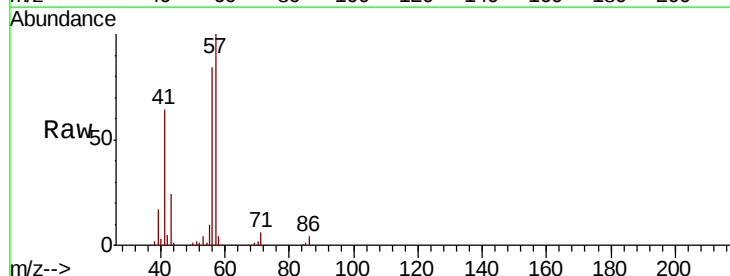
Instrument :
MSVOA_W
ClientSampled :

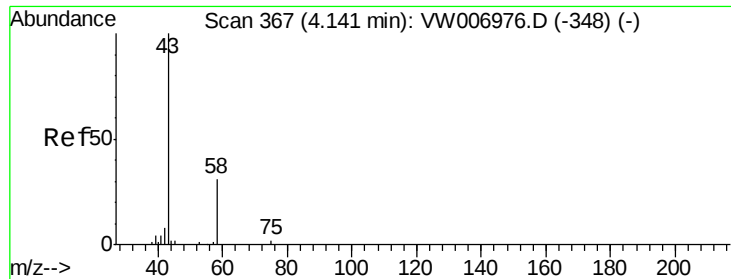
Tot Ion: 41 Resp: 5351
Ion Ratio Lower Upper
41 100
39 30.7 55.4 83.2#
76 0.0 29.6 44.4#



#15
Acrylonitrile
Concen: 20.224 ug/l
RT: 5.45 min Scan# 582
Delta R.T. 0.07 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 53 Resp: 4847
Ion Ratio Lower Upper
53 100
52 21.6 65.7 98.5#
51 56.5 29.9 44.9#





#16

Acetone

Concen: 68.091 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

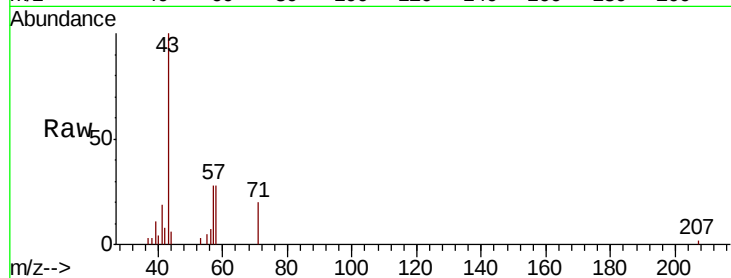
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 12032

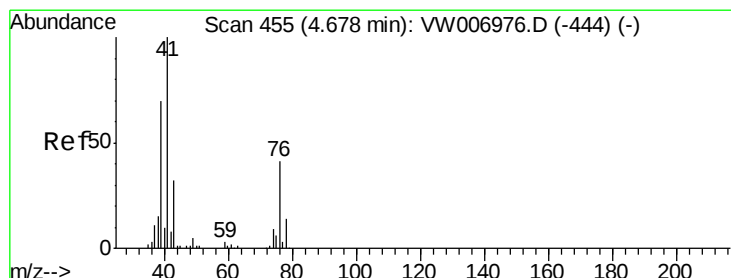
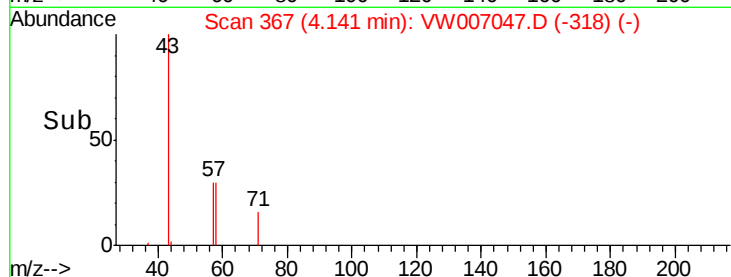
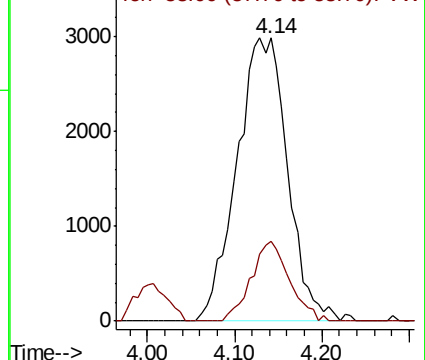
Ion Ratio Lower Upper

43 100

58 28.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 5.127 ug/l

RT: 4.75 min Scan# 467

Delta R.T. 0.07 min

Lab File: VW007047.D

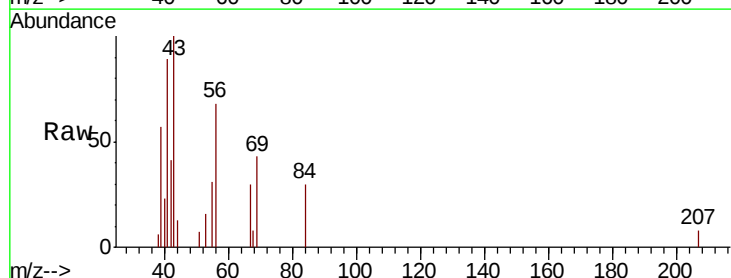
Acq: 26 Nov 2018 15:08

Tgt Ion: 43 Resp: 3226

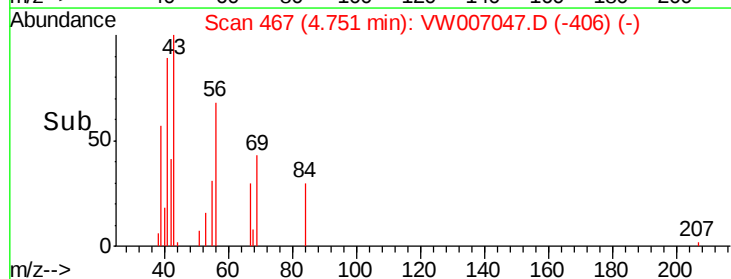
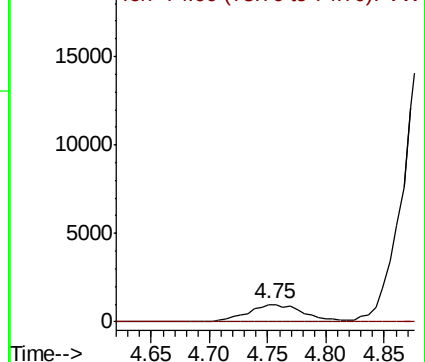
Ion Ratio Lower Upper

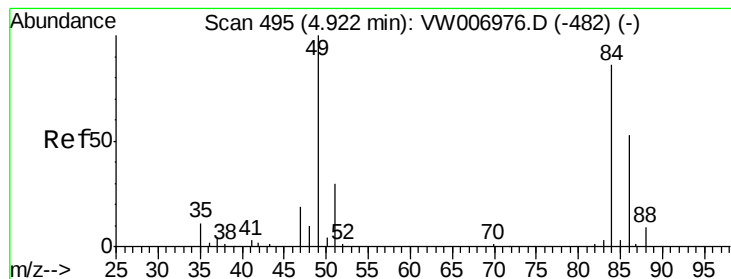
43 100

74 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 2753

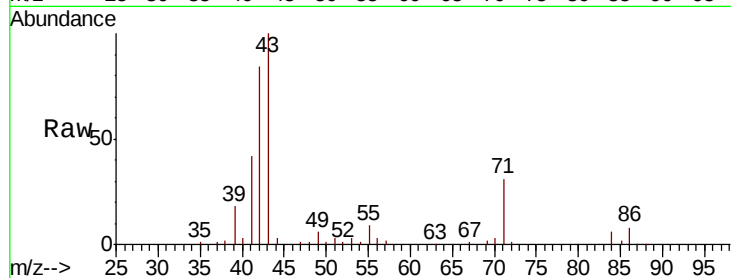
Ion Ratio Lower Upper

84 100

49 102.3 93.4 140.0

51 54.0 28.4 42.6#

86 125.9 49.8 74.8#

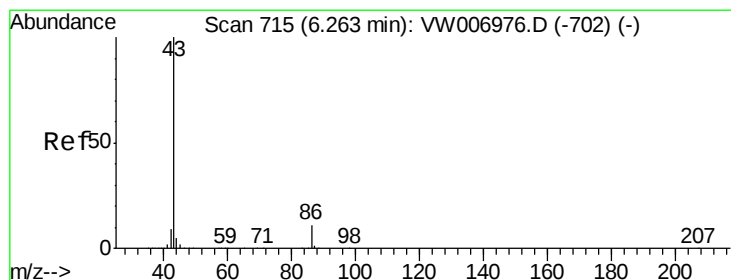
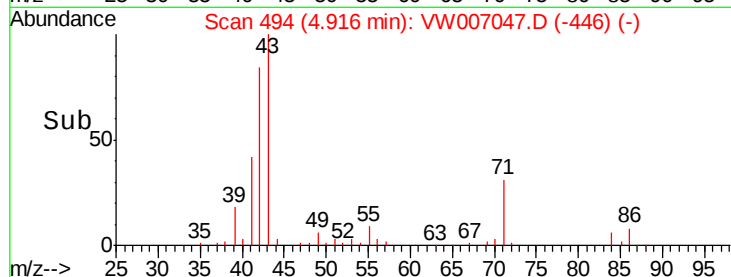
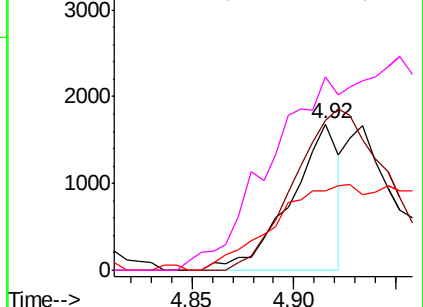


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#23

Vinyl Acetate

Concen: 1.600 ug/l

RT: 6.24 min Scan# 711

Delta R.T. -0.02 min

Lab File: VW007047.D

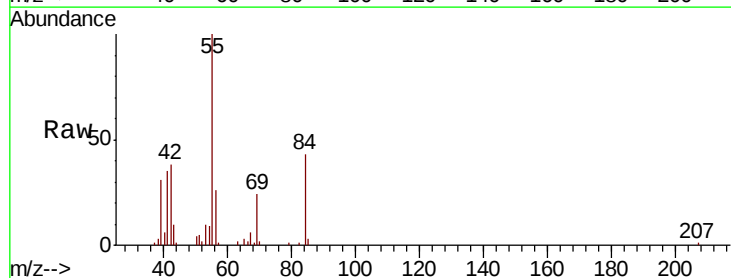
Acq: 26 Nov 2018 15:08

Tgt Ion: 43 Resp: 3087

Ion Ratio Lower Upper

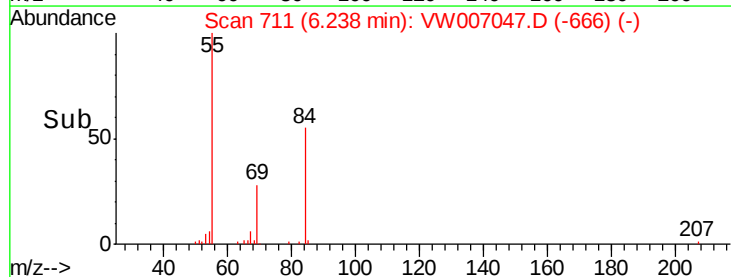
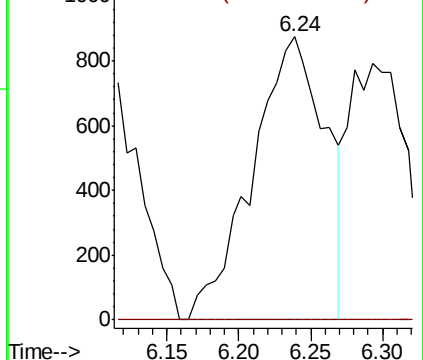
43 100

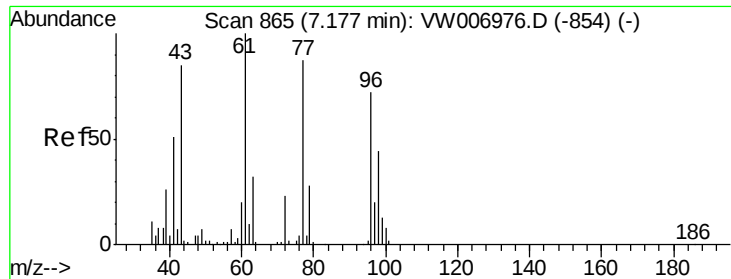
86 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

2-Butanone

Concen: 24.375 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

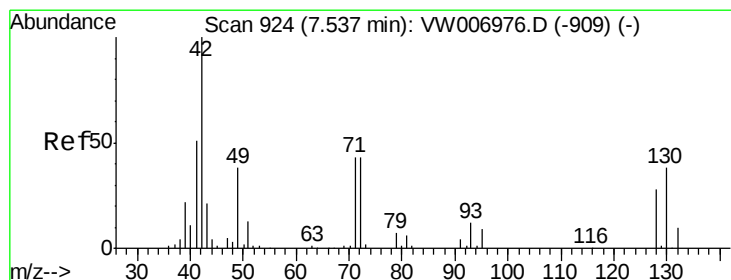
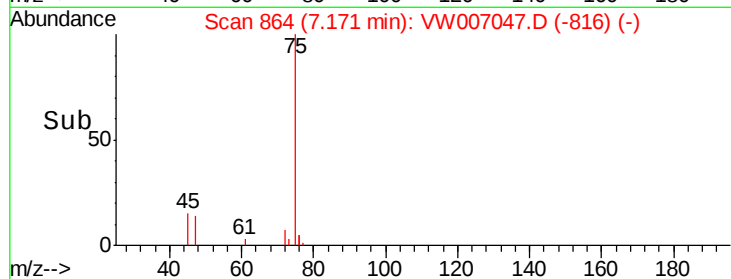
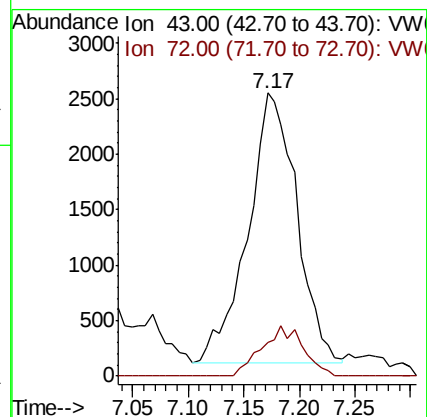
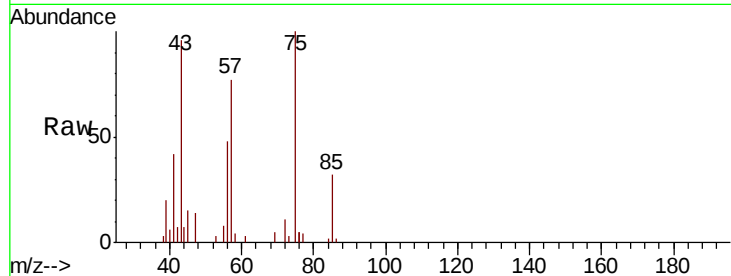
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7377

Ion Ratio Lower Upper

43 100

72 12.4 21.3 31.9#



#29

Tetrahydrofuran

Concen: 2.454 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

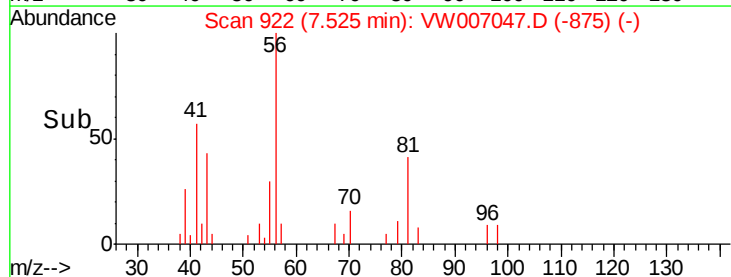
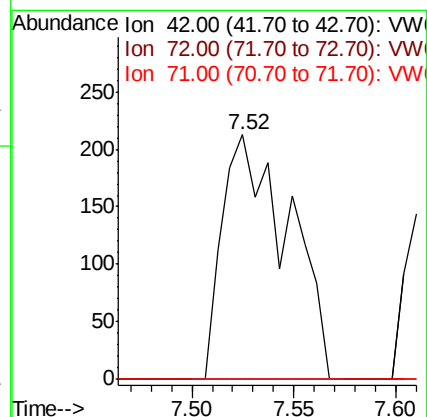
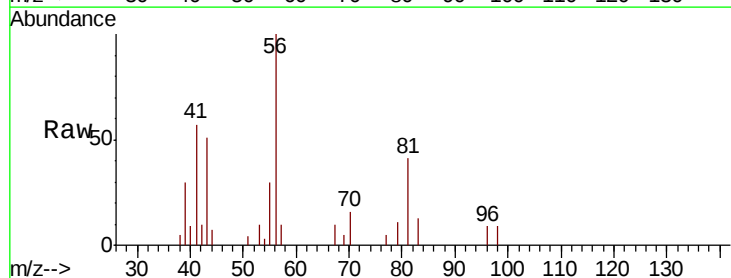
Tgt Ion: 42 Resp: 481

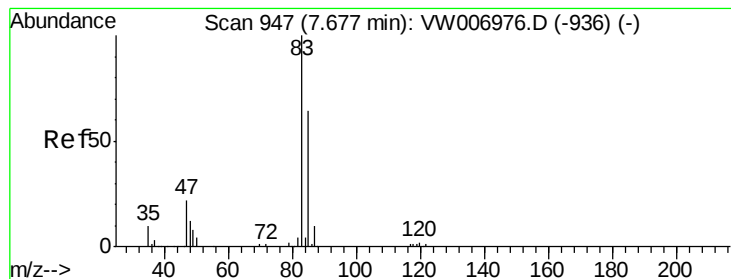
Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.4#

71 0.0 33.8 50.8#





#30

Chloroform

Concen: 4.779 ug/l

RT: 7.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

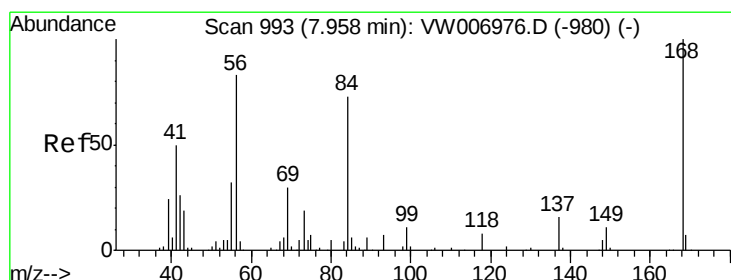
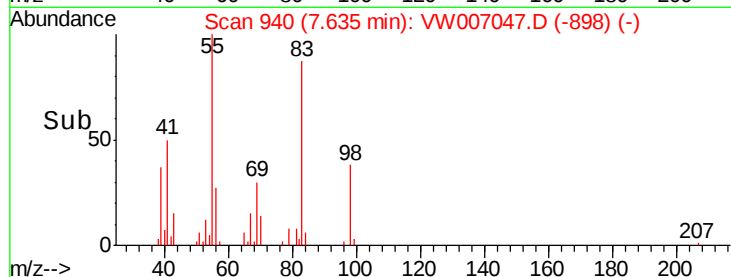
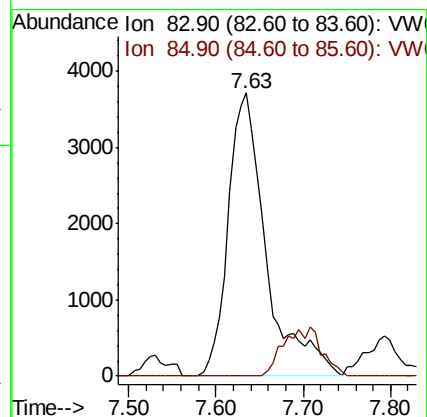
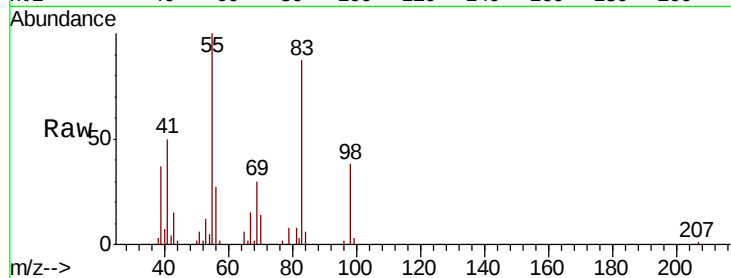
ClientSampleId :

Tot Ion: 83 Resp: 11220

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#



#31

Cyclohexane

Concen: 29.290 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

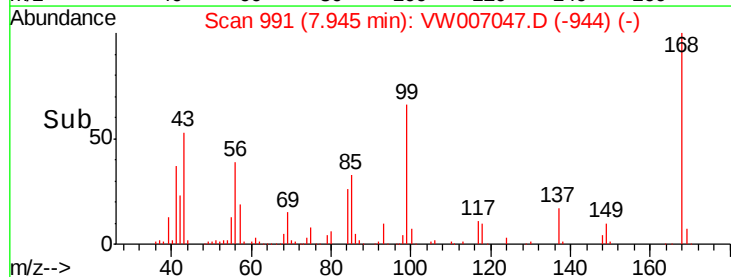
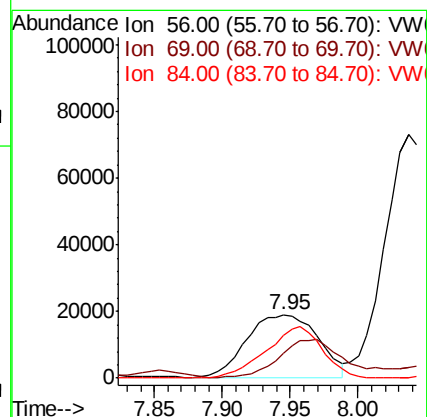
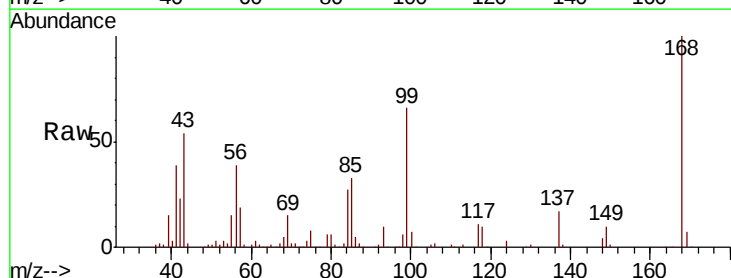
Tgt Ion: 56 Resp: 68656

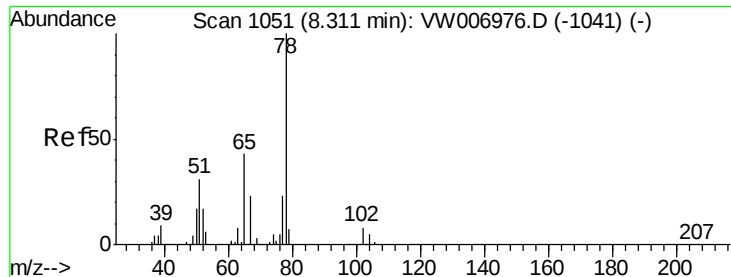
Ion Ratio Lower Upper

56 100

69 35.6 29.1 43.7

84 68.7 70.6 105.8#

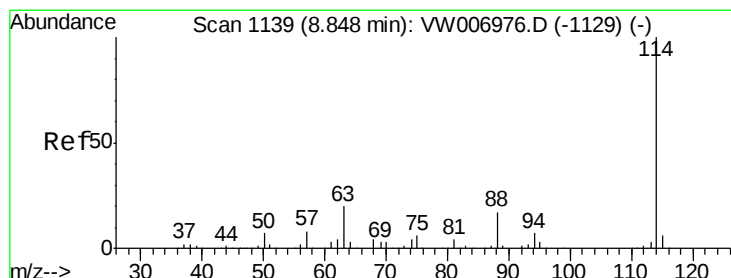
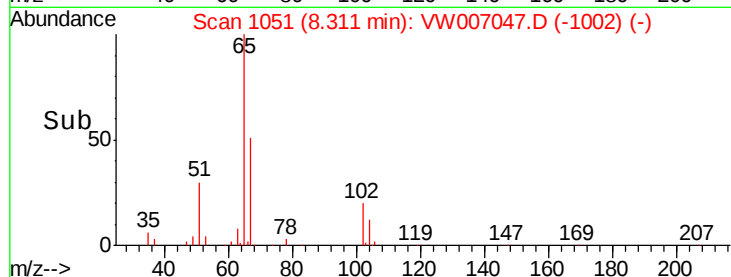
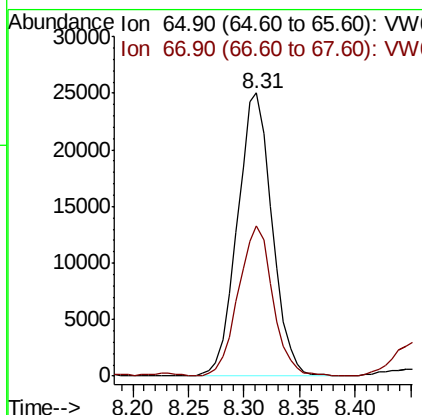
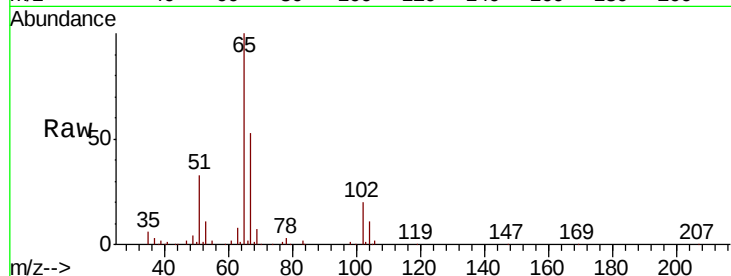




#33
 1,2-Dichloroethane-d4
 Concen: 44.507 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

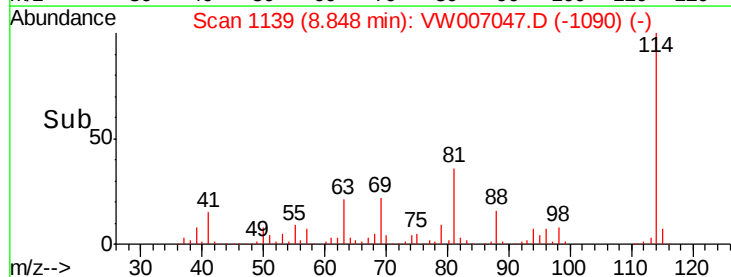
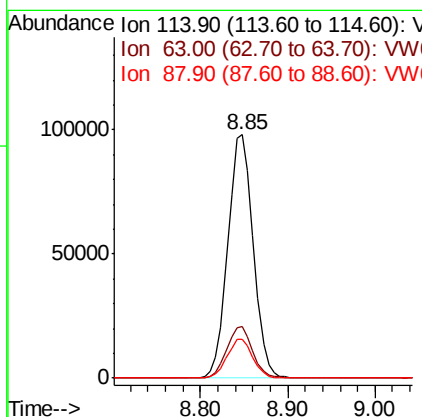
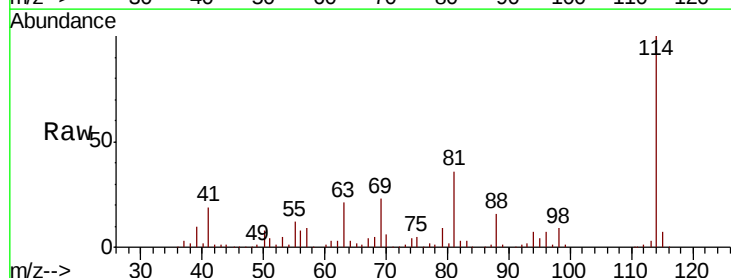
Instrument :
 MSVOA_W
 ClientSampled :

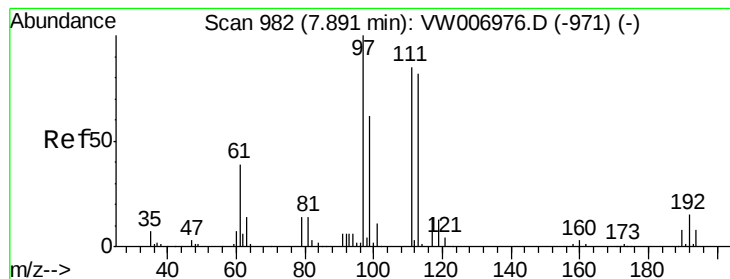
Tot Ion: 65 Resp: 54168
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

Tgt Ion: 114 Resp: 198034
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.4
 88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 41.923 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :
MSVOA_W
ClientSampled :

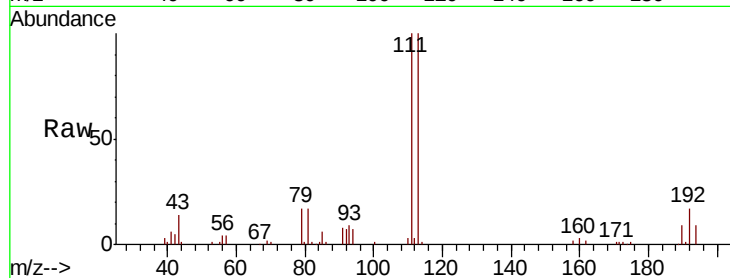
Tot Ion:113 Resp: 46885

Ion Ratio Lower Upper

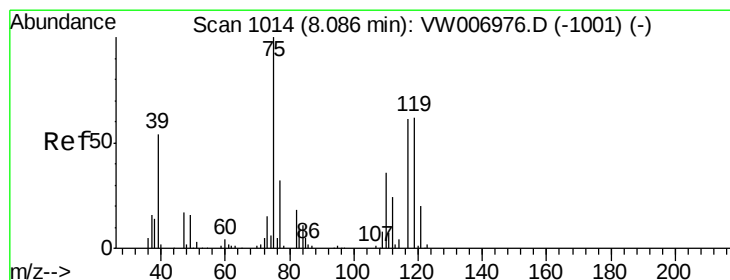
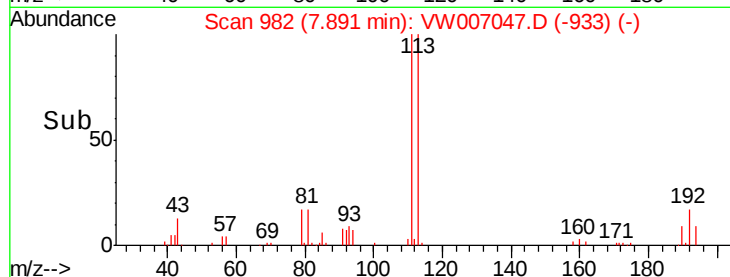
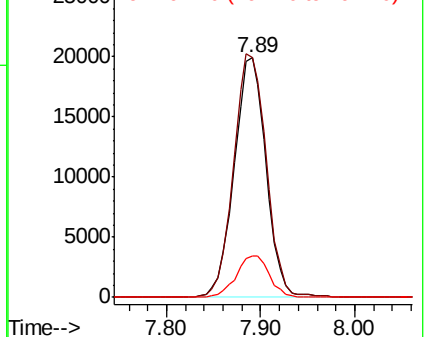
113 100

111 104.1 81.0 121.6

192 17.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

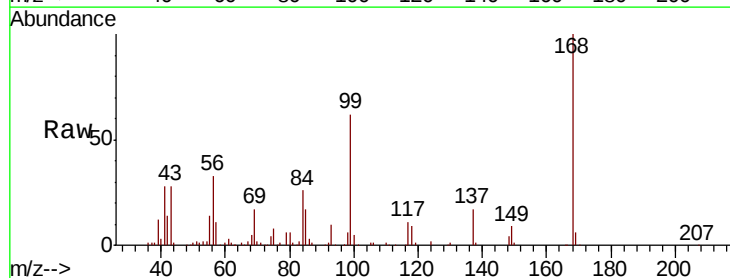
Tgt Ion: 75 Resp: 9346

Ion Ratio Lower Upper

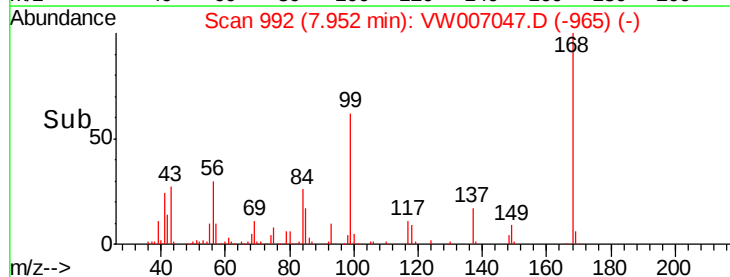
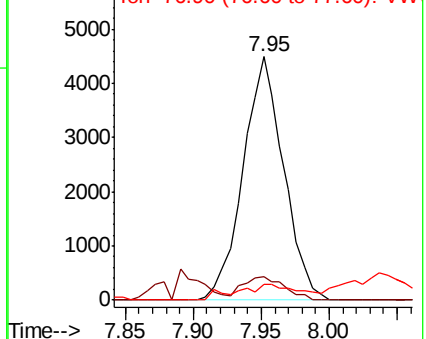
75 100

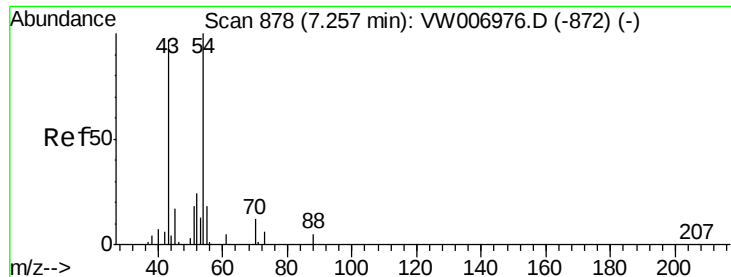
110 9.8 18.0 54.0#

77 8.5 24.9 37.3#



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

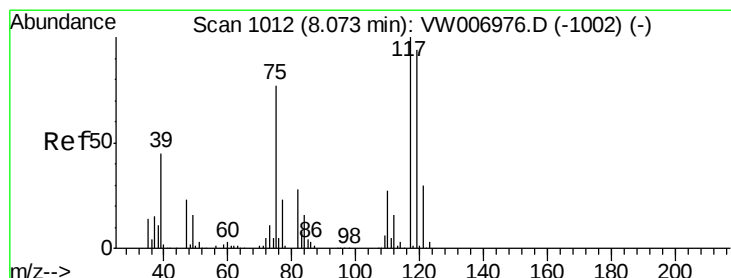
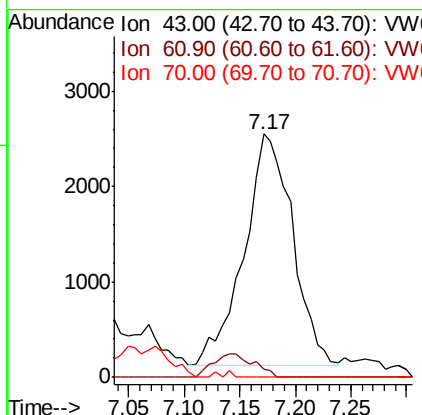
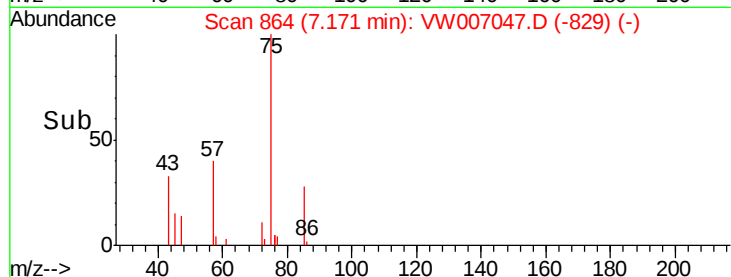
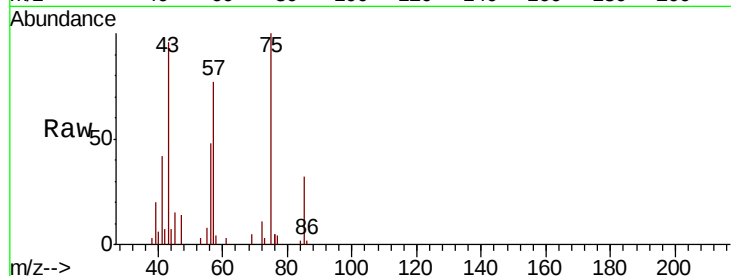




#37
Ethyl Acetate
Concen: 10.520 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.09 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

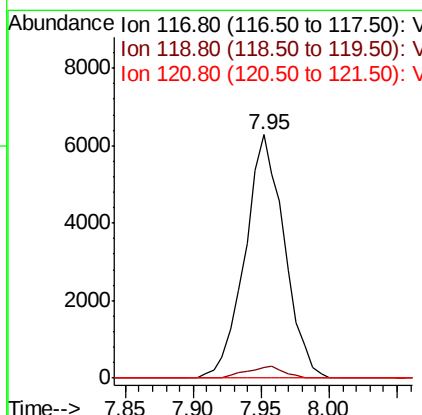
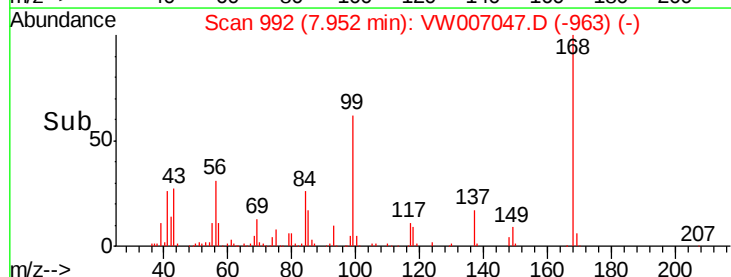
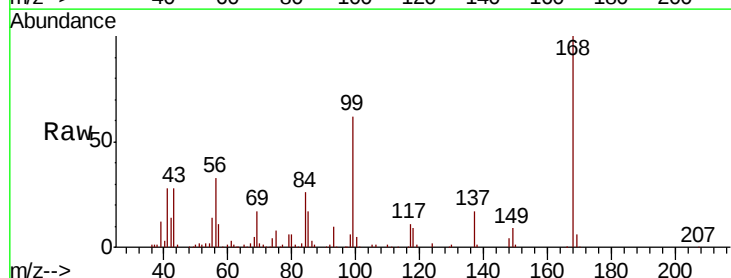
Instrument :
MSVOA_W
ClientSampleId :

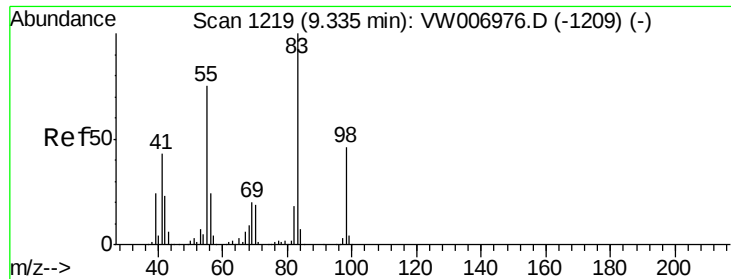
Tot Ion: 43 Resp: 7377
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.860 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 117 Resp: 12713
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 23.6 35.4#

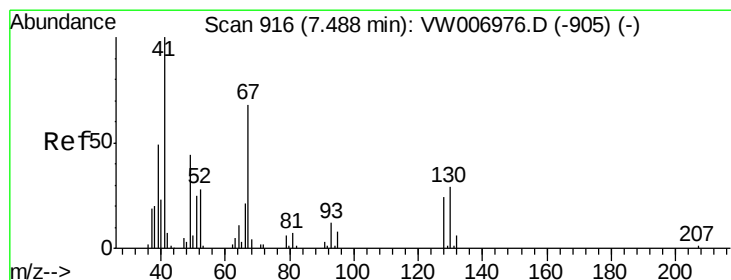
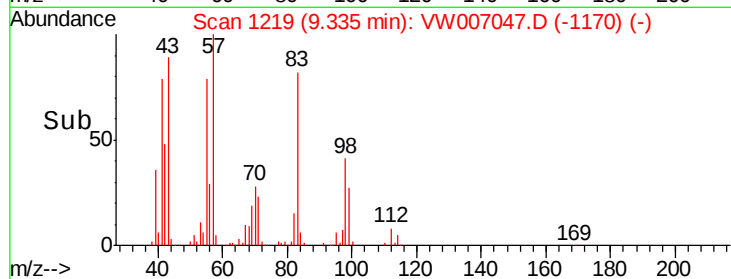
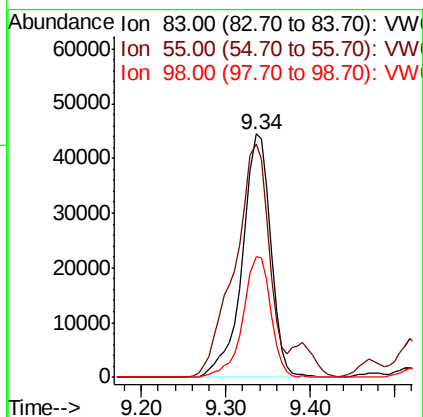
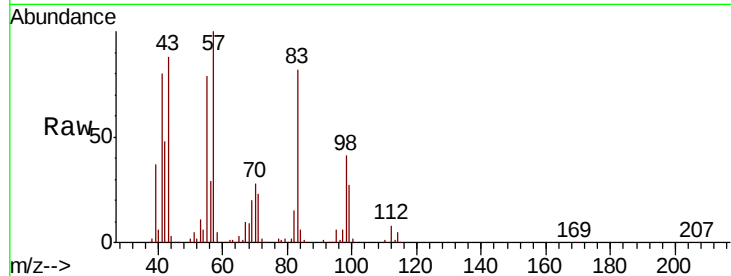




#39
Methylcyclohexane
Concen: 41.938 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

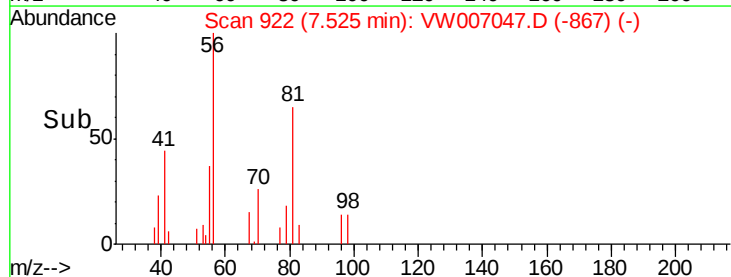
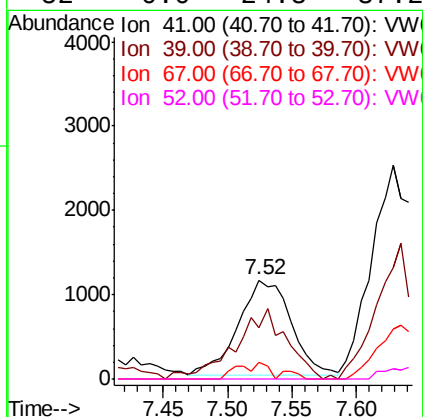
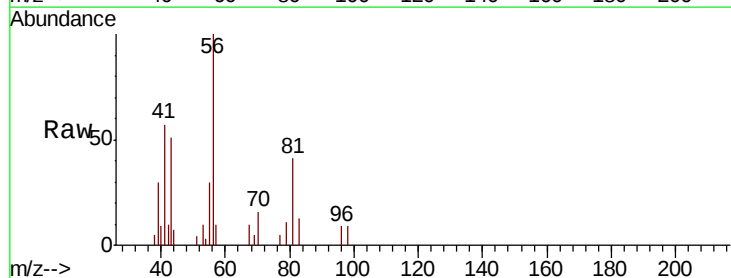
Instrument :
MSVOA_W
ClientSampled :

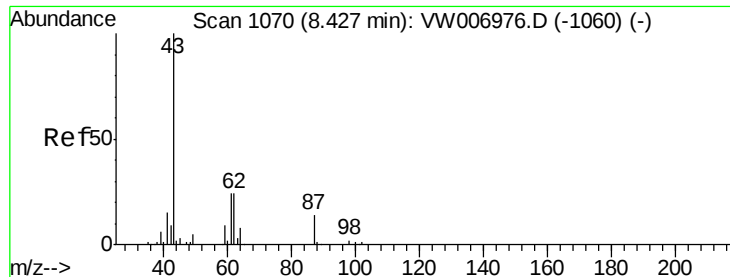
Tot Ion: 83 Resp: 101562
Ion Ratio Lower Upper
83 100
55 95.4 59.6 89.4#
98 49.8 37.1 55.7



#41
Methacrylonitrile
Concen: 7.286 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.04 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 41 Resp: 3173
Ion Ratio Lower Upper
41 100
39 72.8 48.6 73.0
67 0.0 59.8 89.8#
52 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 175.114 ug/l

RT: 8.48 min Scan# 1079

Delta R.T. 0.05 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

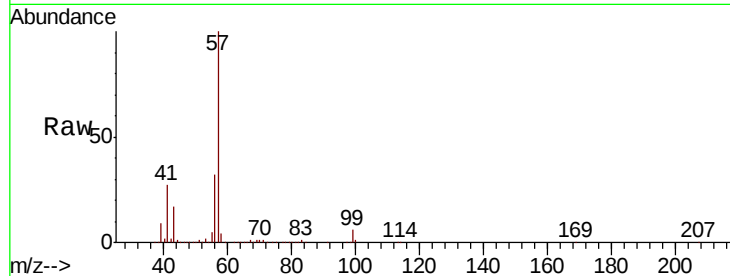
Tot Ion: 43 Resp: 234018

Ion Ratio Lower Upper

43 100

61 0.0 26.1 39.1#

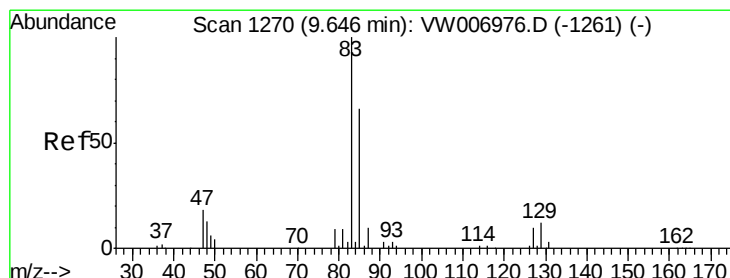
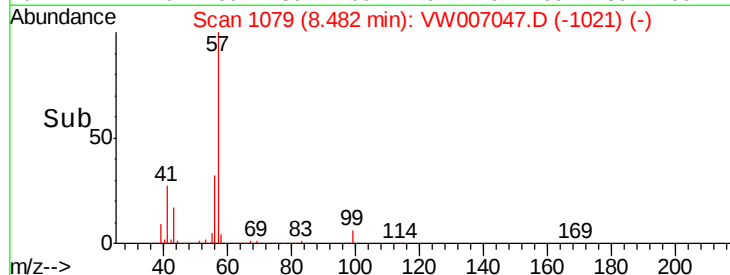
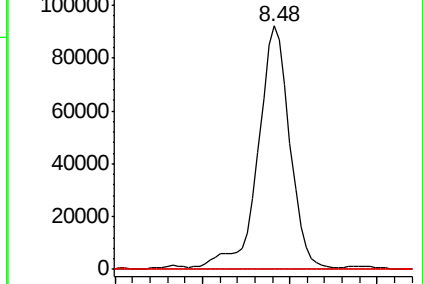
87 0.0 11.2 16.8#



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



#47

Bromodichloromethane

Concen: 5.285 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

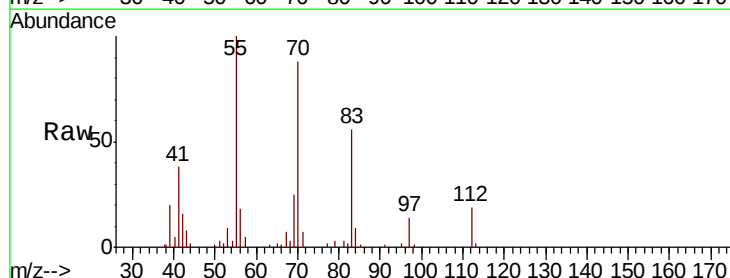
Tgt Ion: 83 Resp: 8979

Ion Ratio Lower Upper

83 100

85 1.7 52.9 79.3#

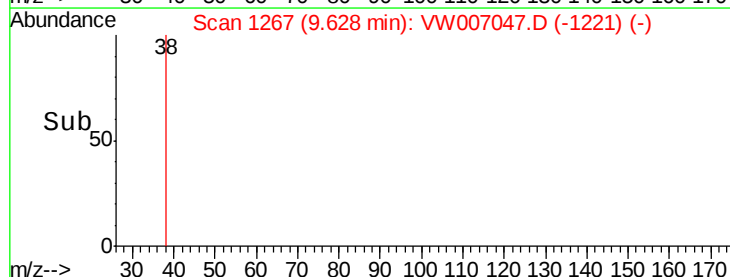
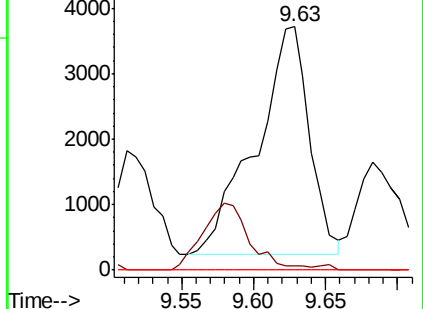
127 0.0 7.8 11.6#

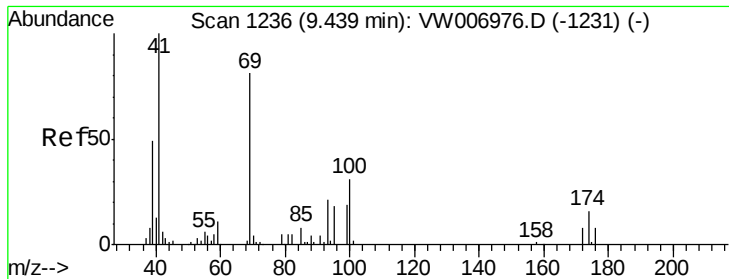


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

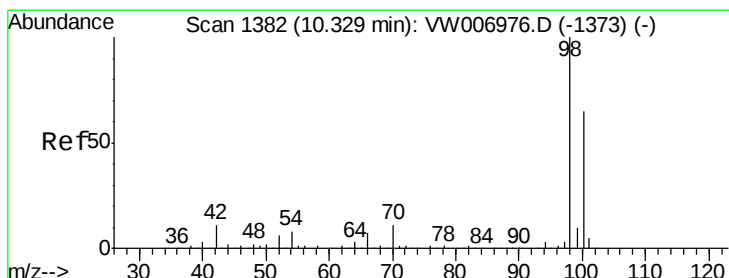
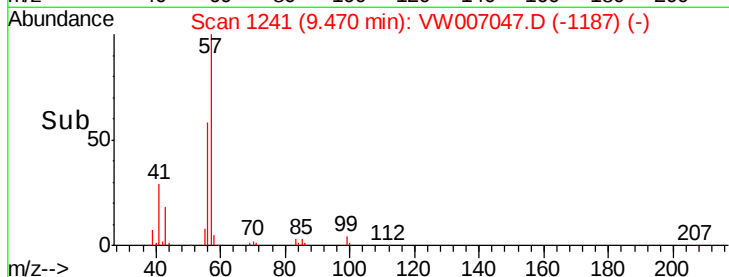
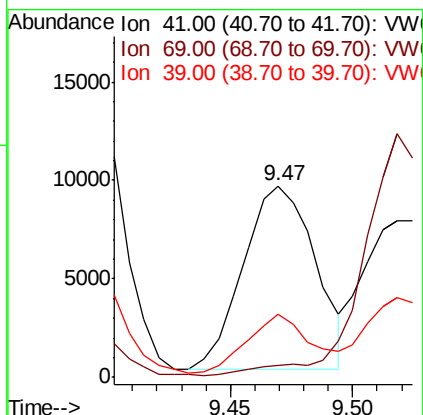
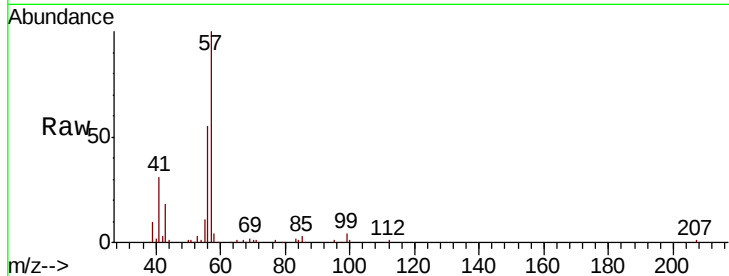




#48
Methvl methacrylate
Concen: 29.671 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

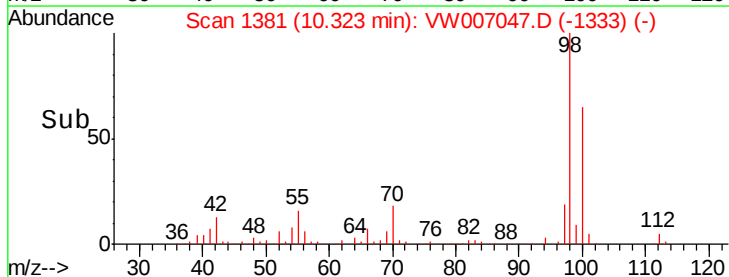
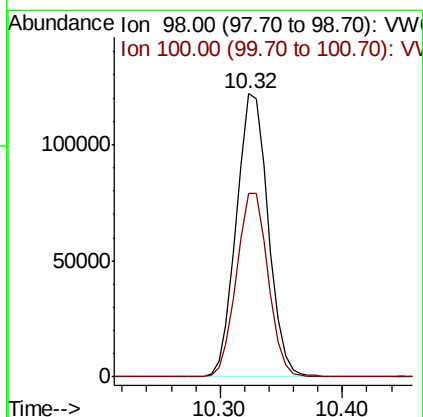
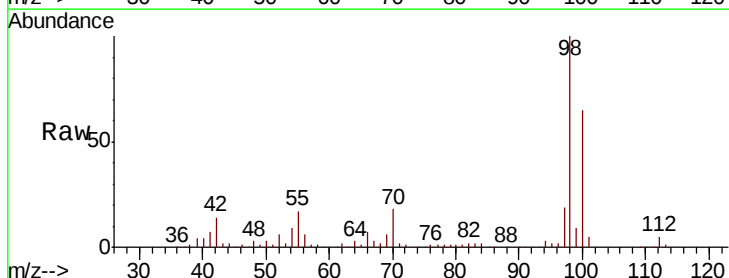
Instrument :
MSVOA_W
ClientSampleId :

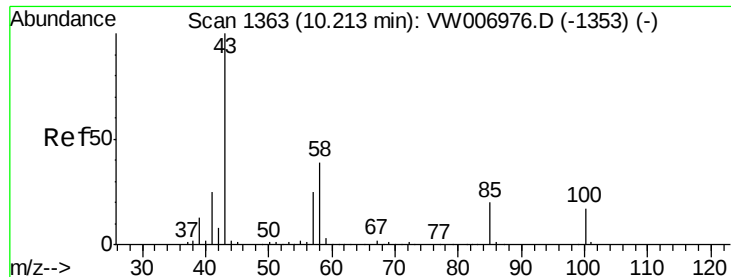
Tot Ion: 41 Resp: 19119
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 28.2 44.8 67.2#



#50
Toluene-d8
Concen: 44.489 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 98 Resp: 219710
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

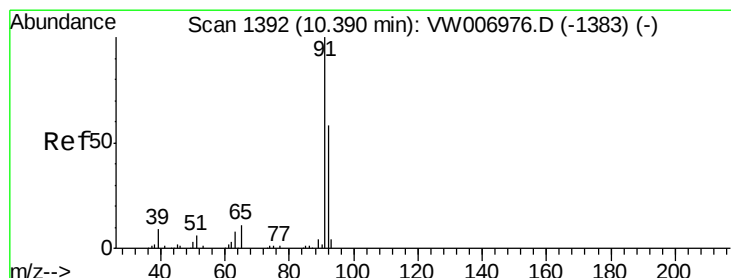
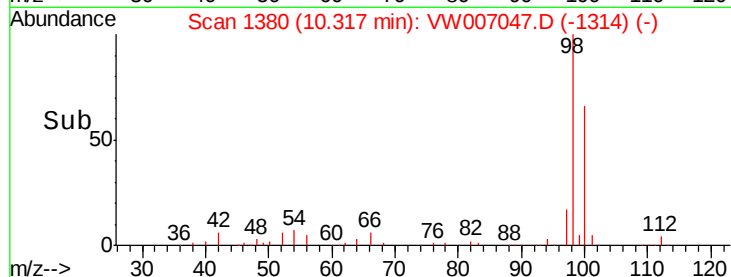
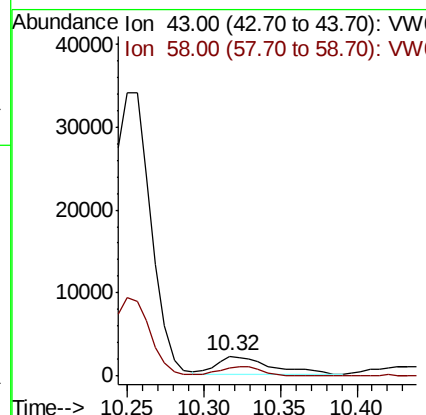
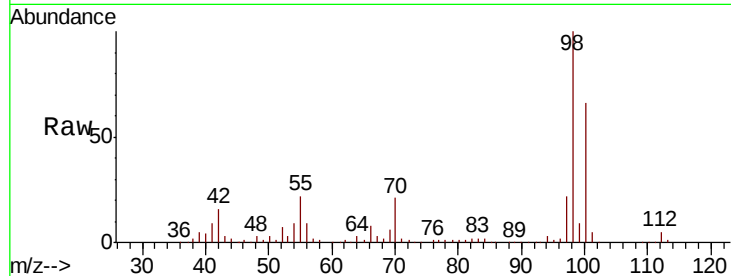




#51
4-Methyl-2-Pentanone
Concen: 7.715 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.10 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

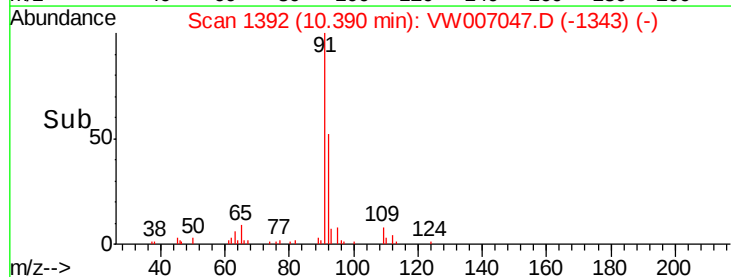
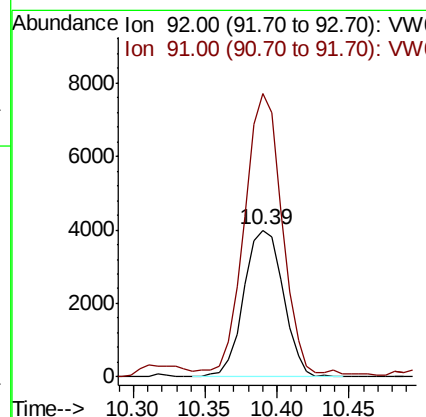
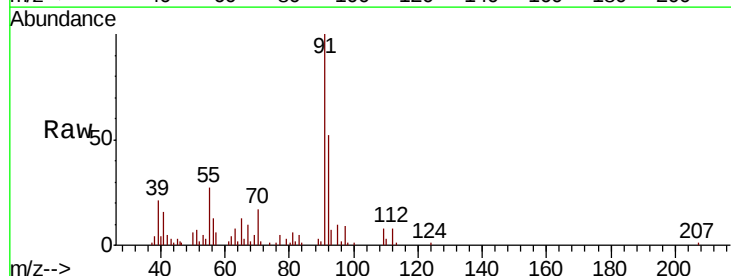
Instrument :
MSVOA_W
ClientSampleId :

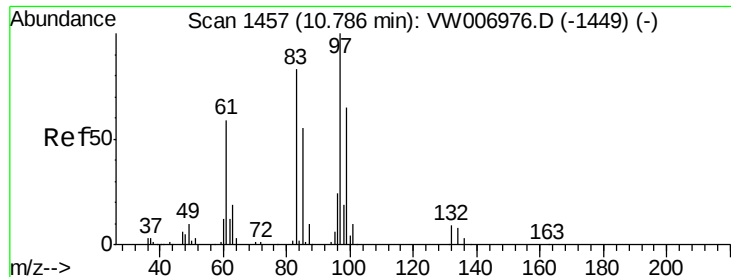
Tot Ion: 43 Resp: 5210
Ion Ratio Lower Upper
43 100
58 43.4 31.8 47.6



#52
Toluene
Concen: 2.127 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 92 Resp: 7562
Ion Ratio Lower Upper
92 100
91 182.1 137.3 205.9

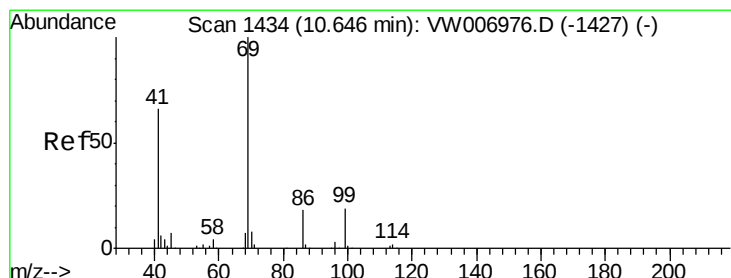
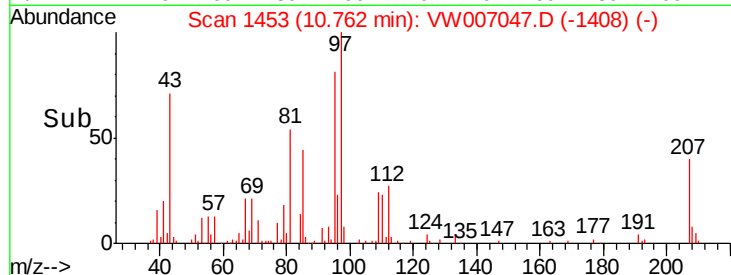
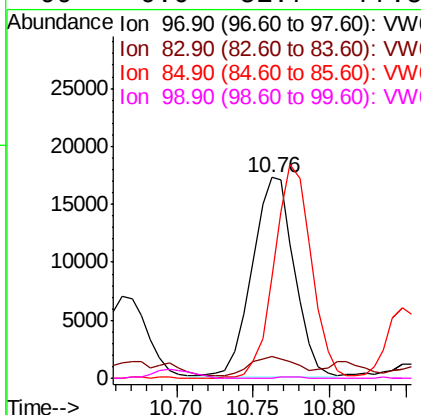
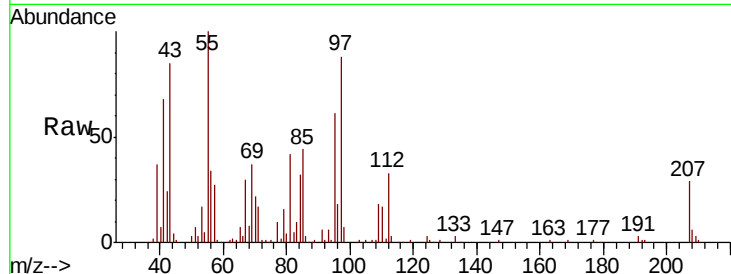




#55
 1,1,2-Trichloroethane
 Concen: 34.495 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

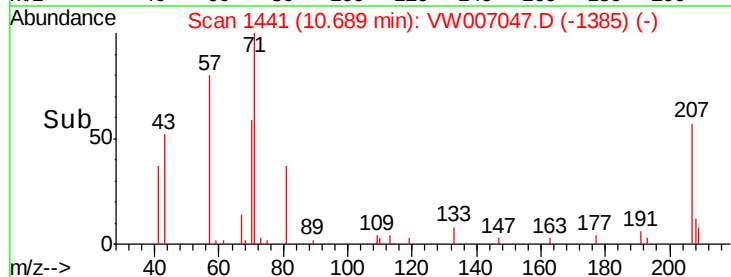
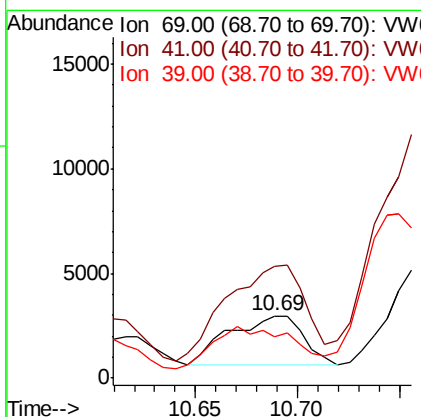
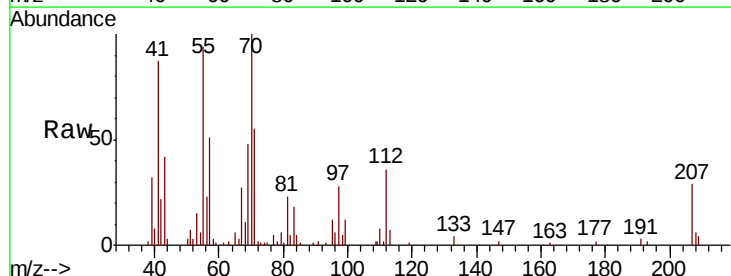
Instrument :
 MSVOA_W
 ClientSampled :

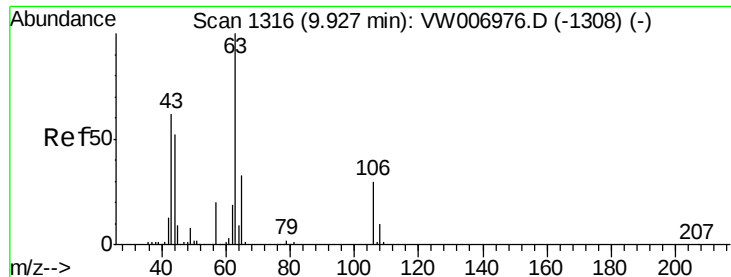
Tot Ion	97	Resp	32727
Ion Ratio	Lower	Upper	
97	100		
83	8.4	66.4	99.6#
85	50.9	44.1	66.1
99	0.0	51.7	77.5#



#56
 Ethyl methacrylate
 Concen: 5.444 ug/l
 RT: 10.69 min Scan# 1441
 Delta R.T. 0.04 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

Tgt Ion	69	Resp	5996
Ion Ratio	Lower	Upper	
69	100		
41	210.5	53.4	80.0#
39	0.0	28.2	42.4#

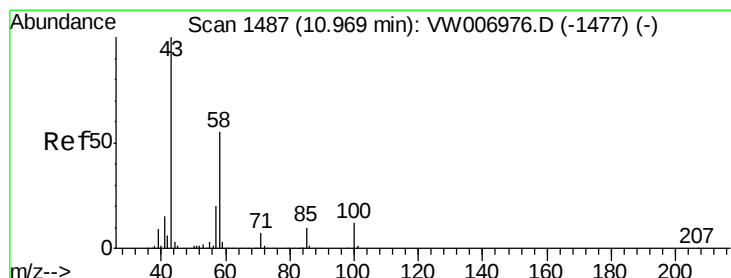
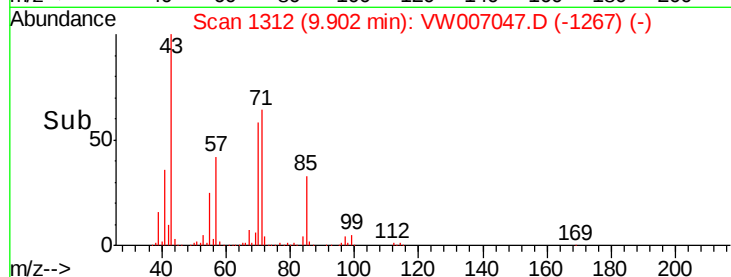
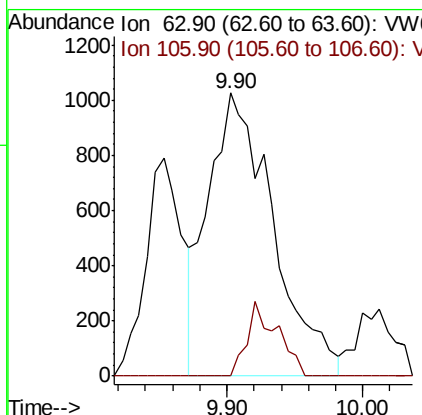
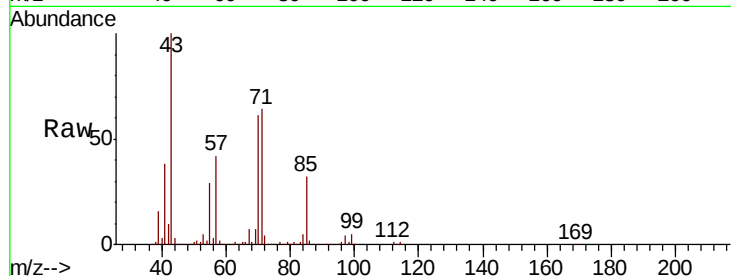




#58
 2-Chloroethyl Vinyl ether
 Concen: 5.894 ug/l
 RT: 9.90 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

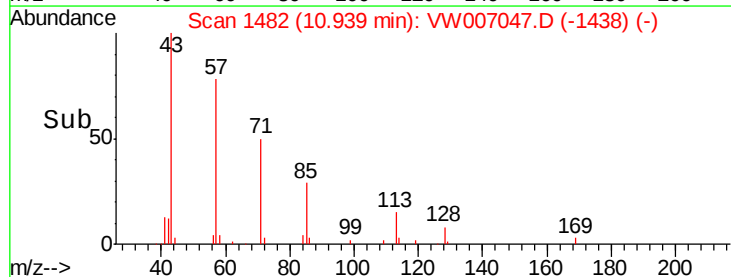
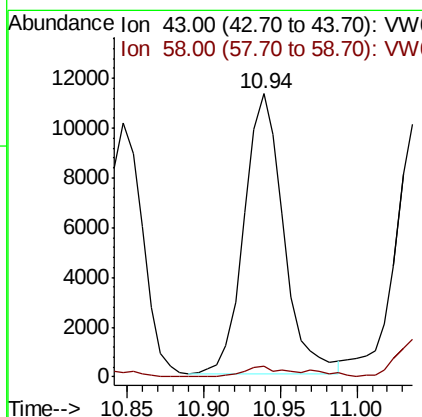
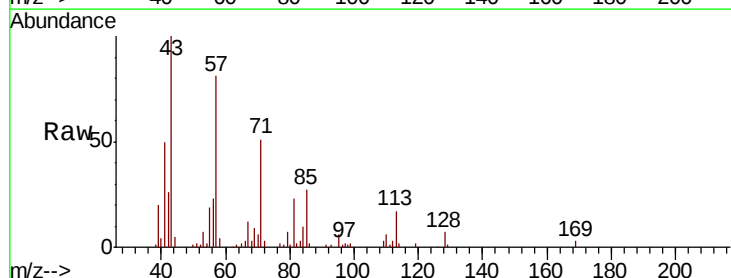
Instrument :
 MSVOA_W
 ClientSampled :

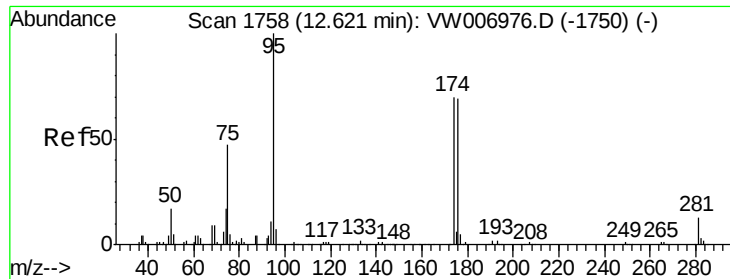
Tot Ion: 63 Resp: 3392
 Ion Ratio Lower Upper
 63 100
 106 12.3 23.5 35.3#



#59
 2-Hexanone
 Concen: 43.449 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

Tgt Ion: 43 Resp: 20094
 Ion Ratio Lower Upper
 43 100
 58 5.5 27.3 81.8#

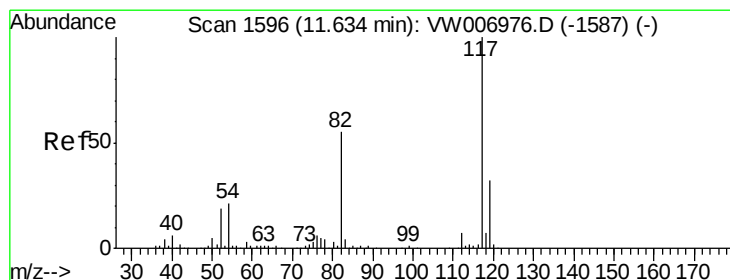
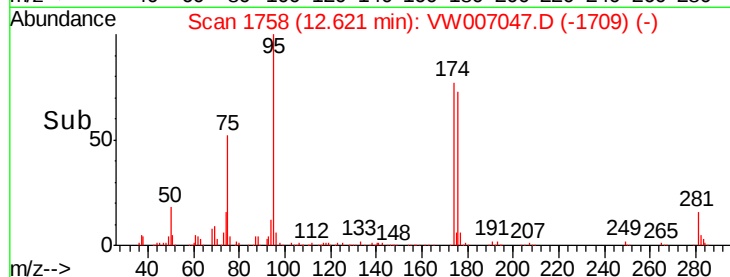
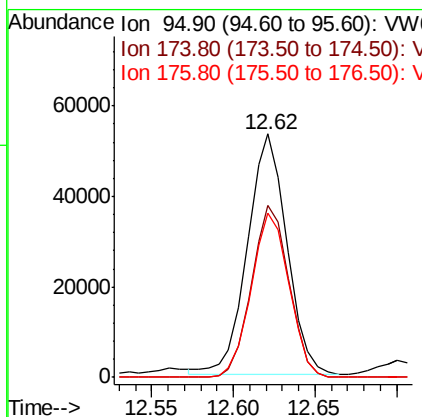
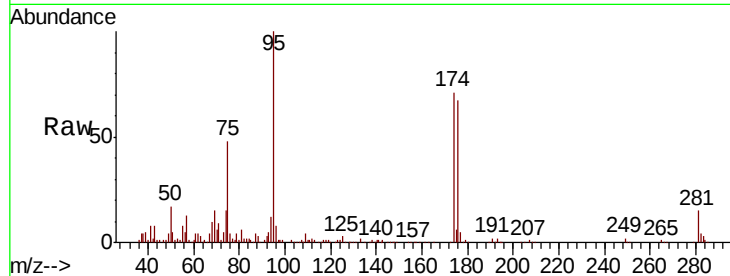




#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

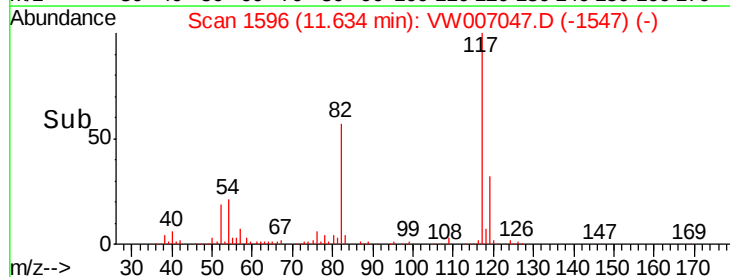
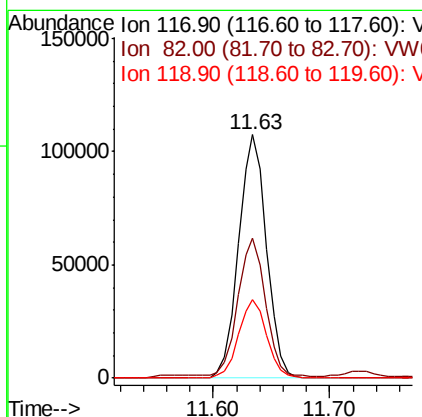
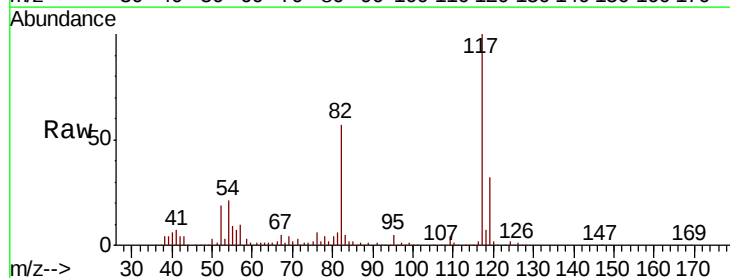
Instrument :
MSVOA_W
ClientSampleId :

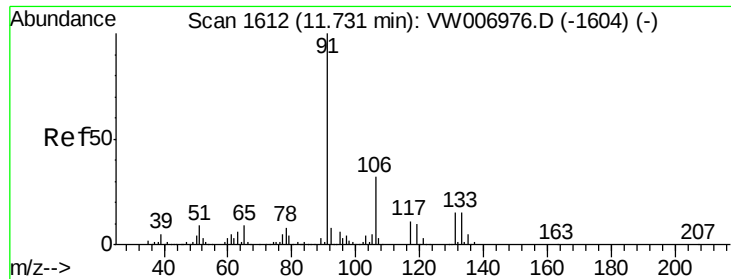
Tot Ion: 95 Resp: 89442
Ion Ratio Lower Upper
95 100
174 67.9 0.0 143.6
176 65.7 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 117 Resp: 178940
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.0 25.9 38.9

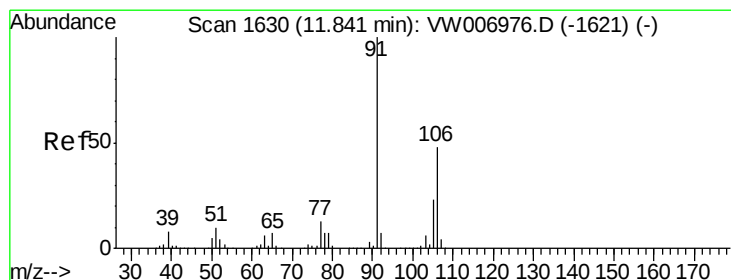
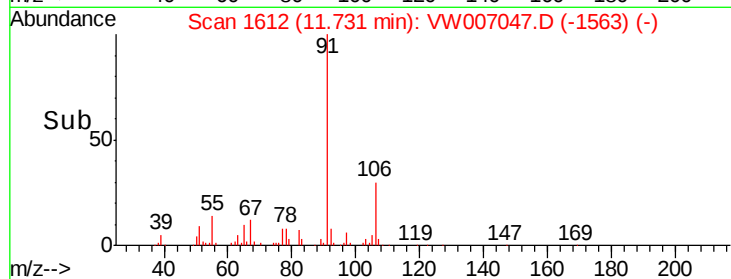
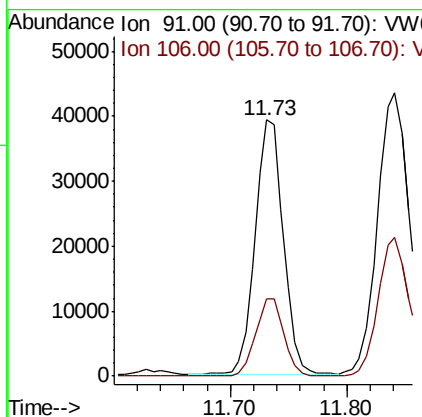
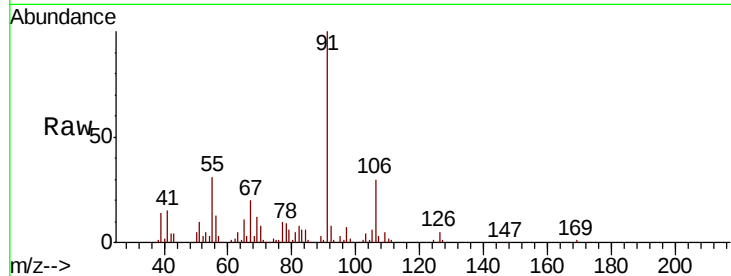




#67
Ethyl Benzene
Concen: 9.723 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

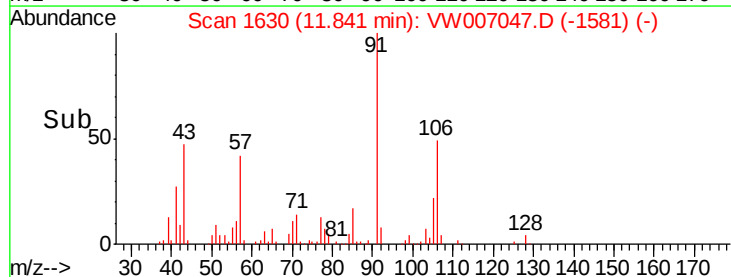
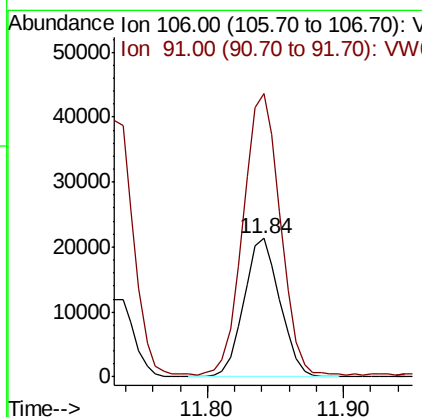
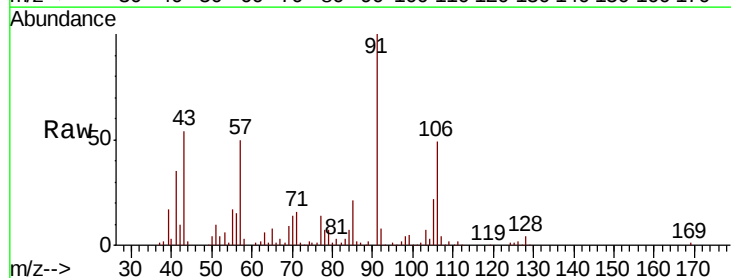
Instrument :
MSVOA_W
ClientSampleId :

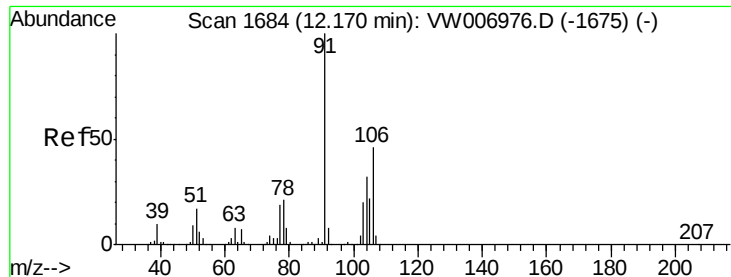
Tot Ion: 91 Resp: 66707
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2



#68
m/p-Xylenes
Concen: 14.643 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 106 Resp: 39416
Ion Ratio Lower Upper
106 100
91 208.2 164.8 247.2

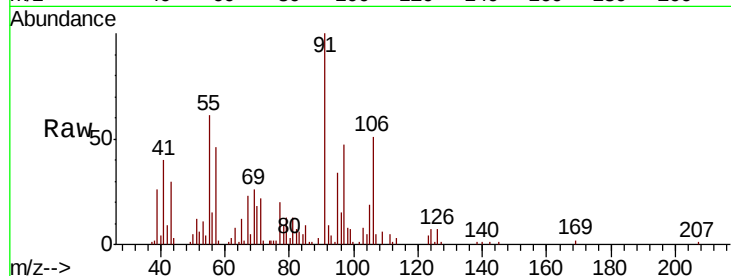




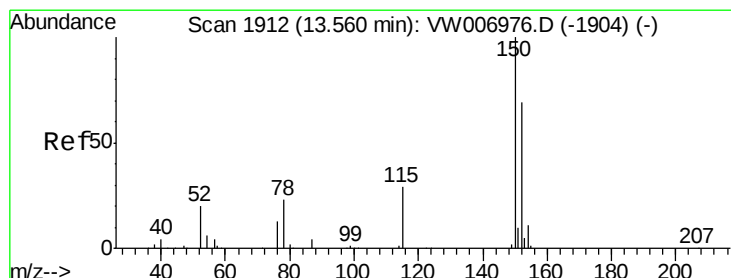
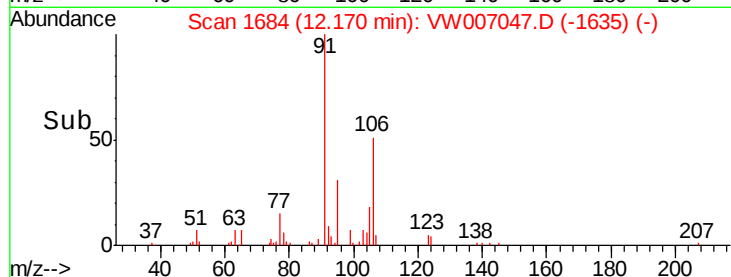
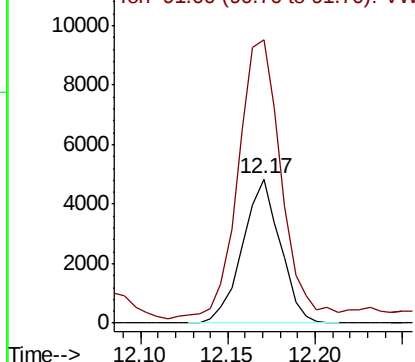
#69
o-Xylene
Concen: 2.858 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 7254
Ion Ratio Lower Upper
106 100
91 219.4 107.9 323.8

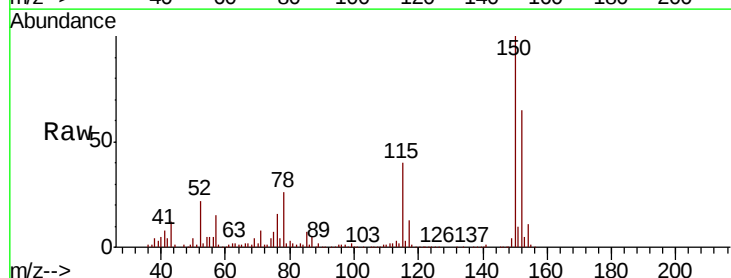


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

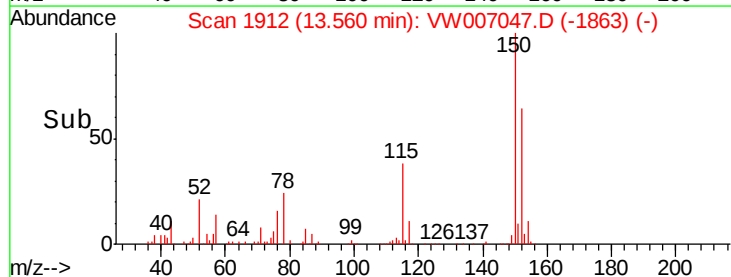
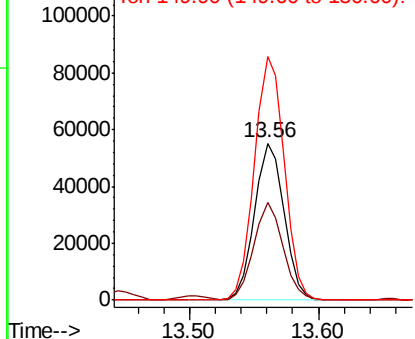


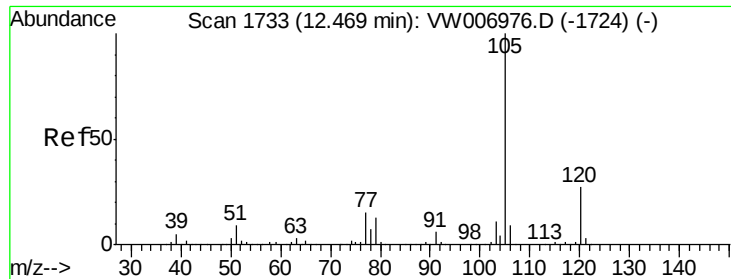
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion:152 Resp: 86961
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 157.3 0.0 353.4



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





#73

Isopropylbenzene

Concen: 4.920 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

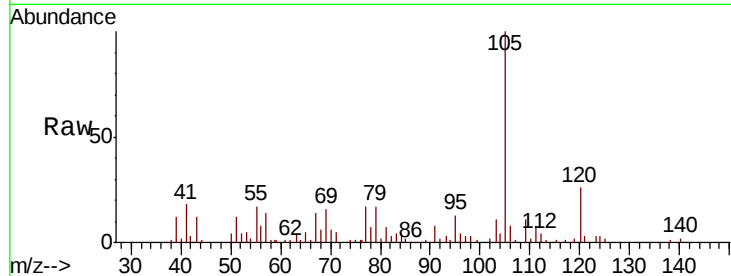
ClientSampleId :

Tot Ion:105 Resp: 33249

Ion Ratio Lower Upper

105 100

120 24.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

20000

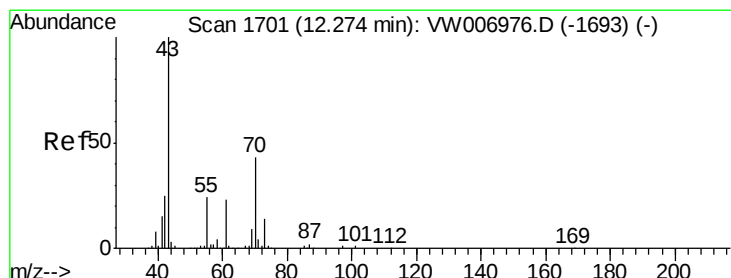
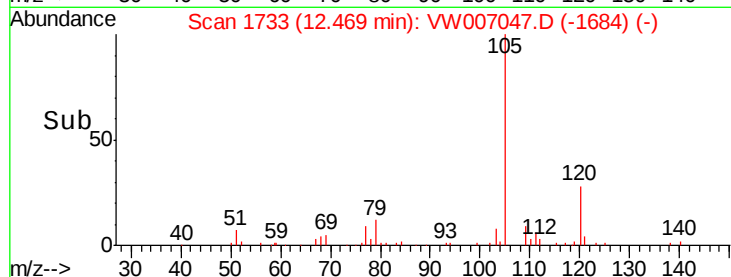
15000

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 16.526 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Tgt Ion: 43 Resp: 18719

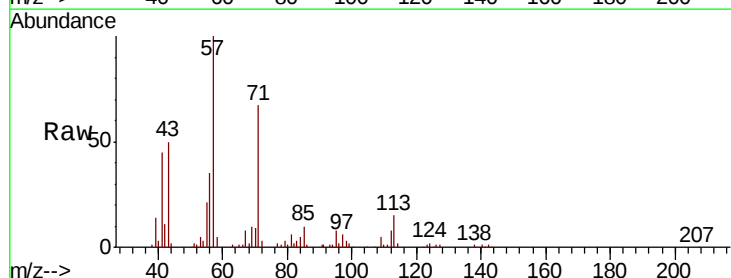
Ion Ratio Lower Upper

43 100

70 20.9 34.0 51.0#

55 23.6 19.4 29.0

61 0.0 19.4 29.2#



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

12.26

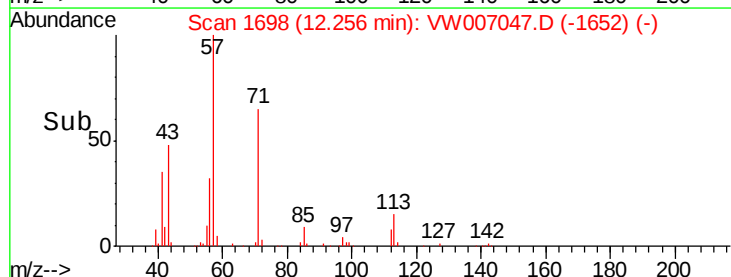
15000

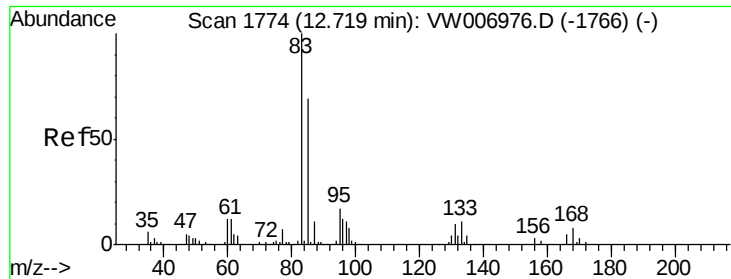
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.485 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

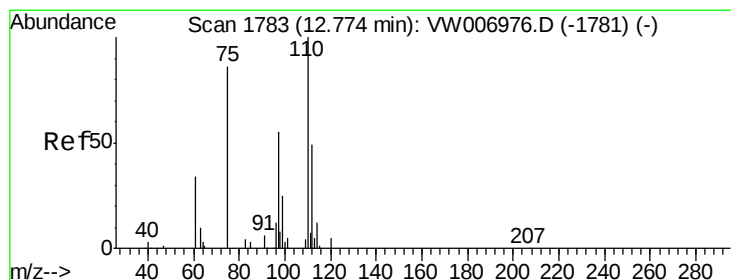
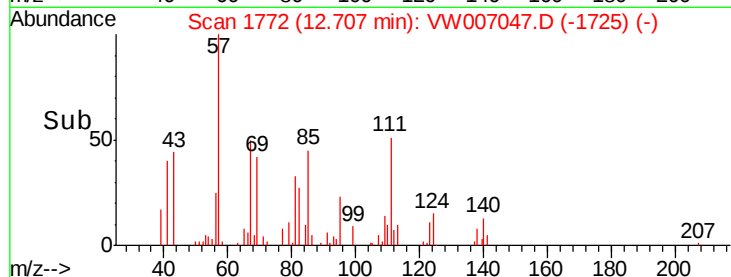
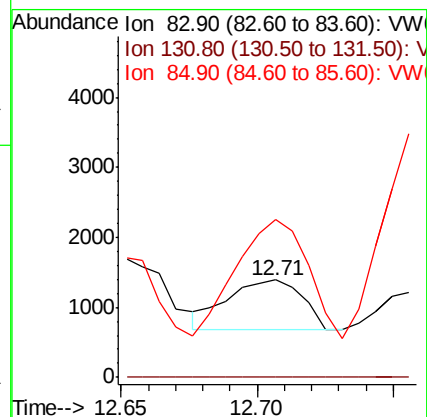
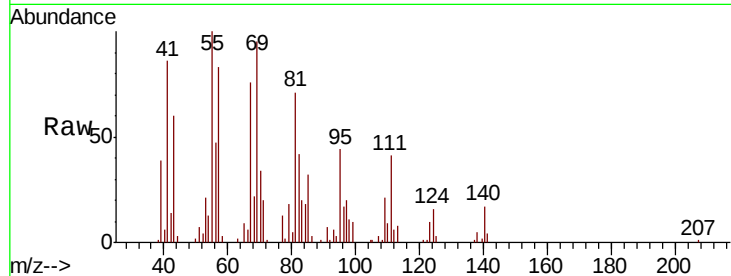
Tot Ion: 83 Resp: 1336

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 297.9 33.1 99.2#



#76

1,2,3-Trichloropropane

Concen: 59.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007047.D

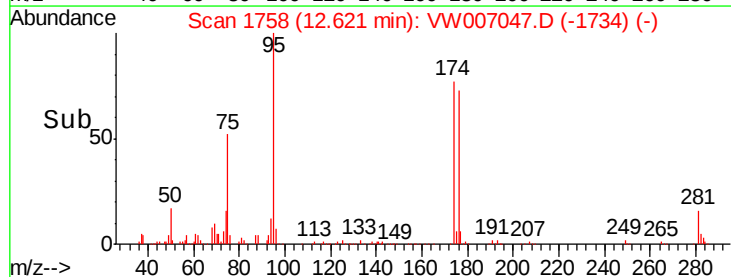
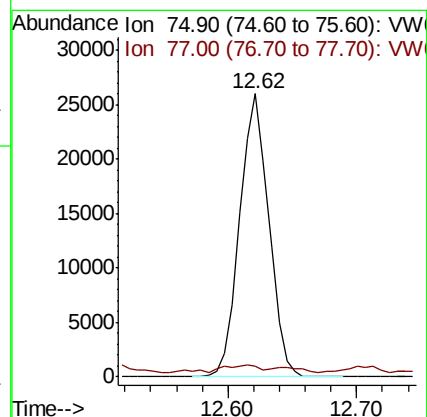
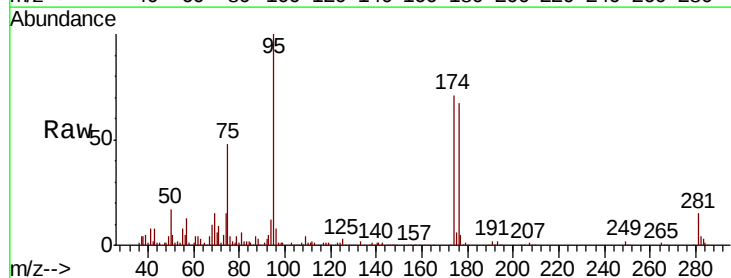
Acq: 26 Nov 2018 15:08

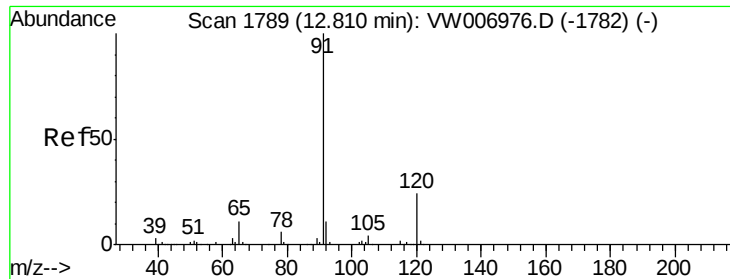
Tgt Ion: 75 Resp: 40819

Ion Ratio Lower Upper

75 100

77 3.1 0.0 0.0#





#78

n-propylbenzene

Concen: 19.614 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

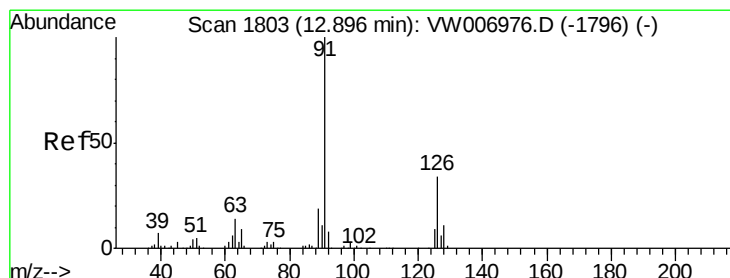
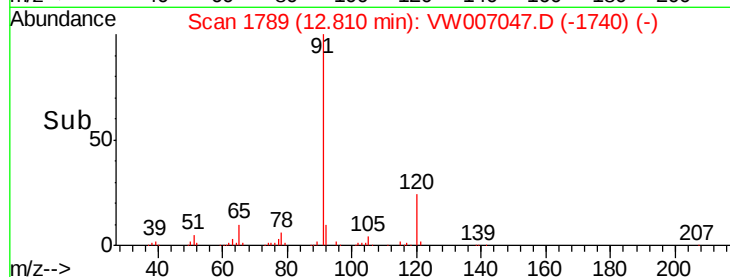
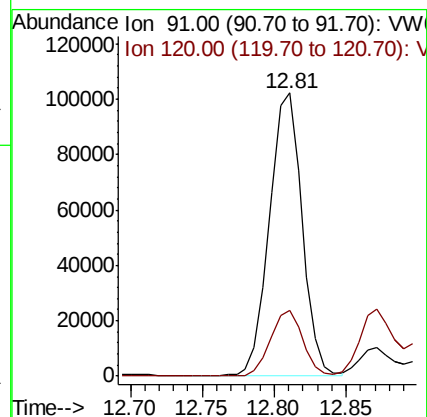
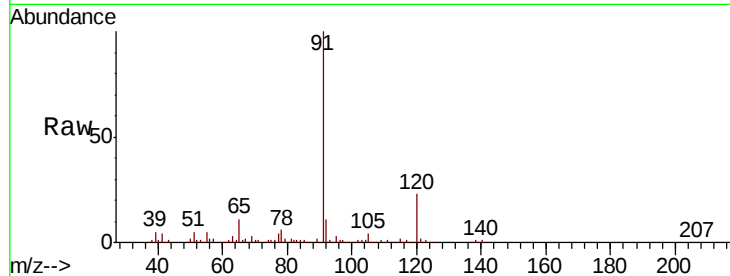
ClientSampled :

Tot Ion: 91 Resp: 160570

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.1



#79

2-Chlorotoluene

Concen: 1.782 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW007047.D

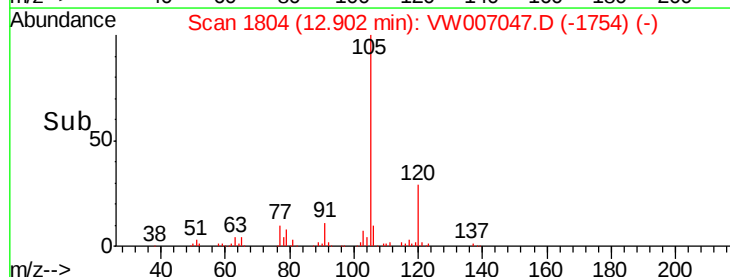
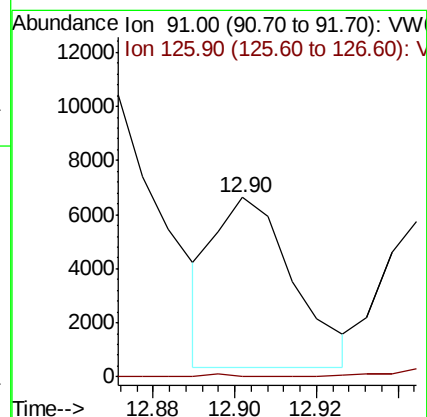
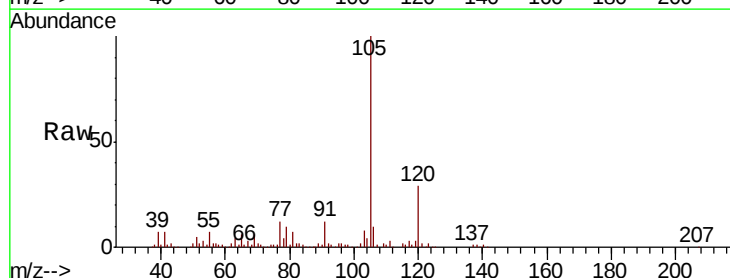
Acq: 26 Nov 2018 15:08

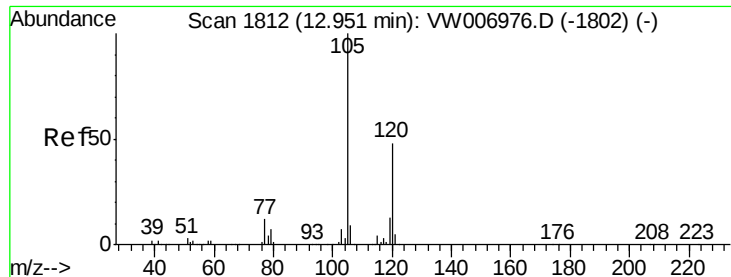
Tgt Ion: 91 Resp: 8411

Ion Ratio Lower Upper

91 100

126 0.4 16.7 50.0#

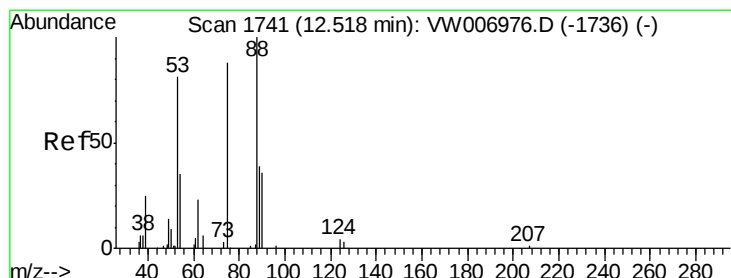
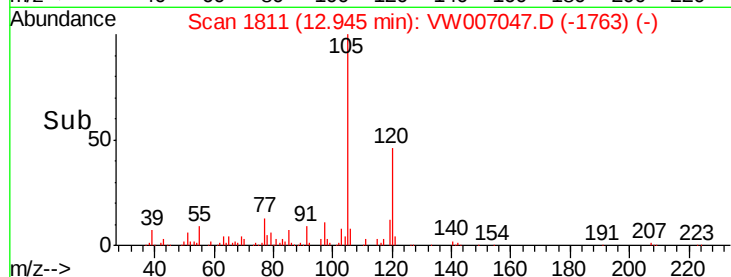
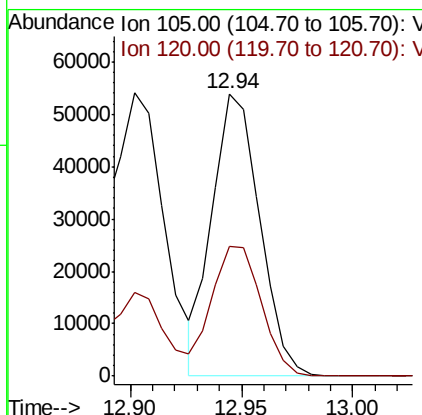
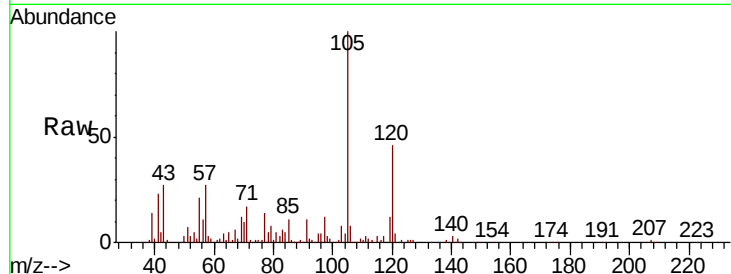




#80
 1,3,5-Trimethylbenzene
 Concen: 13.653 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

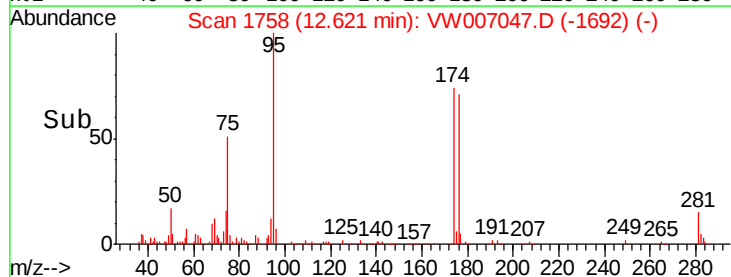
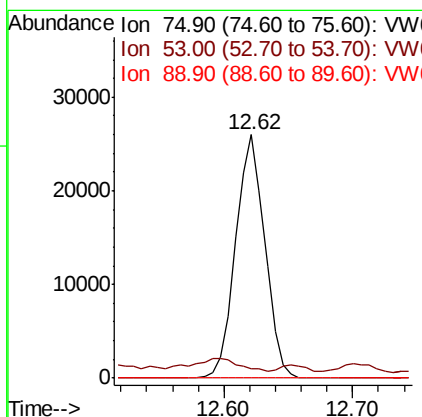
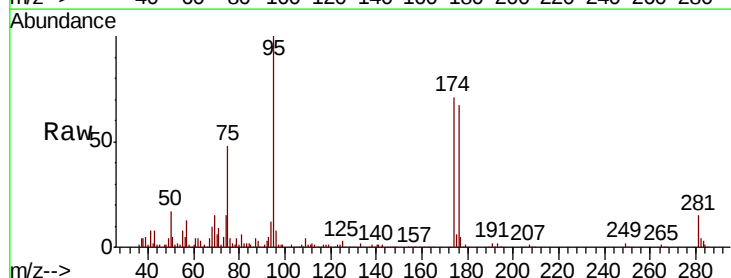
Instrument :
 MSVOA_W
 ClientSampleId :

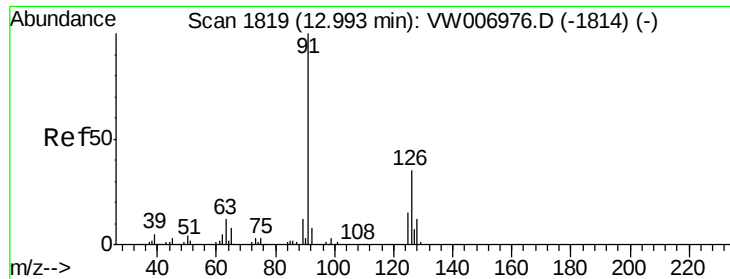
Tot Ion:105 Resp: 79794
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.971 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

Tgt Ion: 75 Resp: 40819
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.4 39.3 58.9#





#82

4-Chlorotoluene

Concen: 1.667 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

Instrument :

MSVOA_W

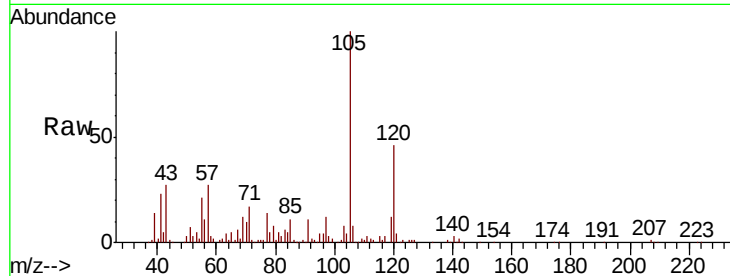
ClientSampleId :

Tot Ion: 91 Resp: 8256

Ion Ratio Lower Upper

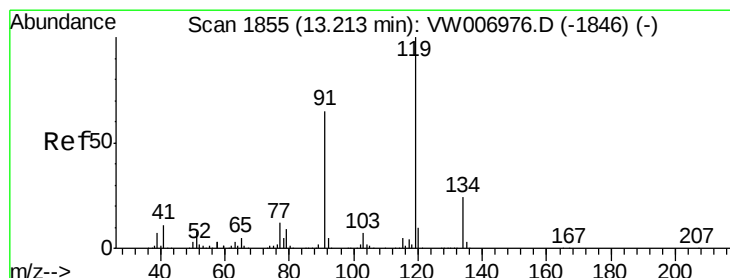
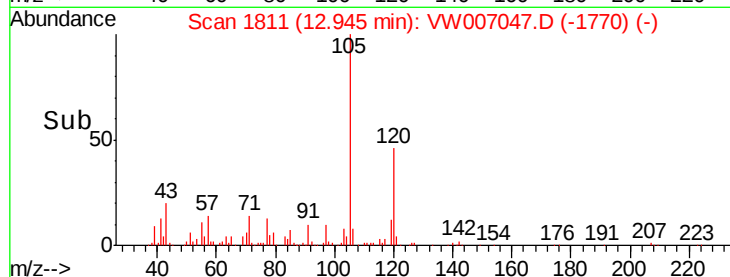
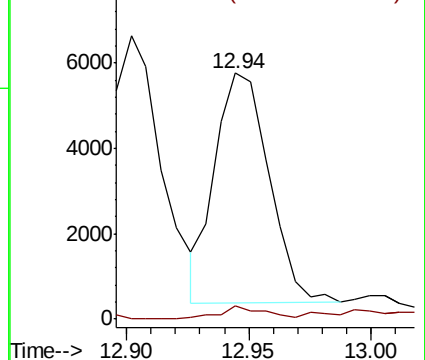
91 100

126 5.1 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 2.094 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007047.D

Acq: 26 Nov 2018 15:08

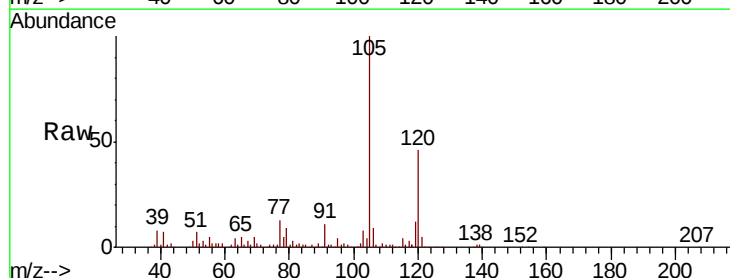
Tgt Ion: 119 Resp: 10595

Ion Ratio Lower Upper

119 100

91 83.9 33.5 100.5

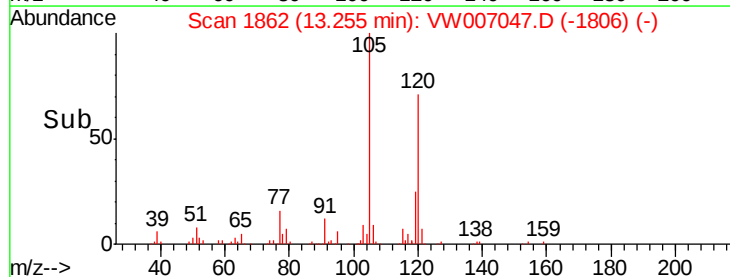
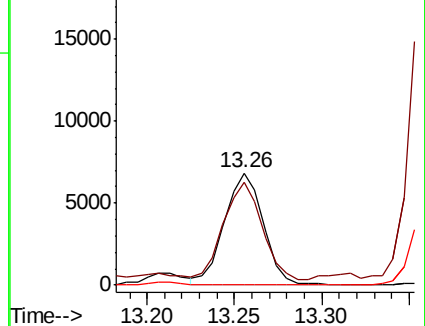
134 0.0 12.6 37.8#

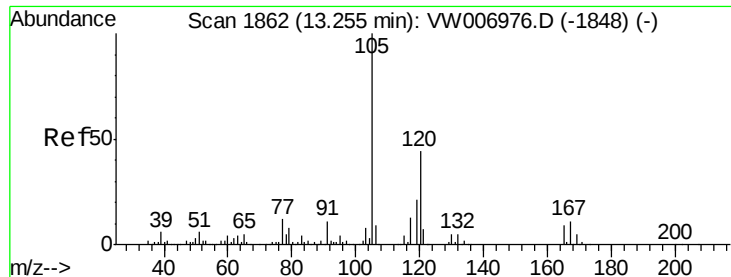


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

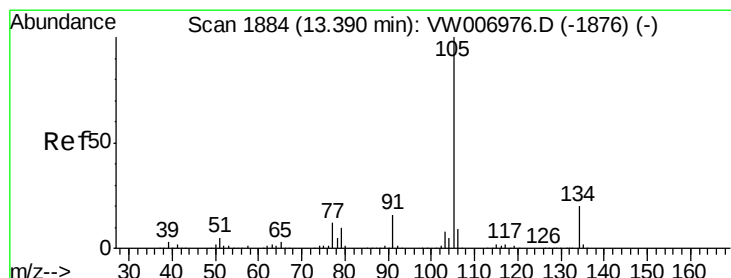
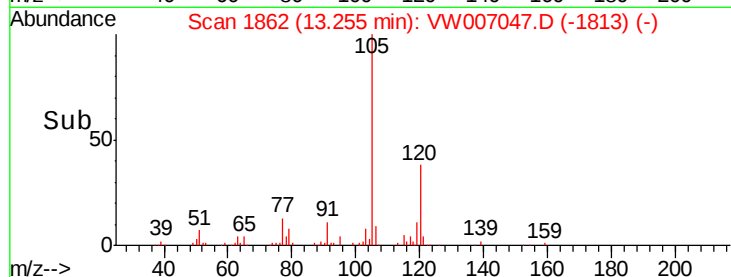
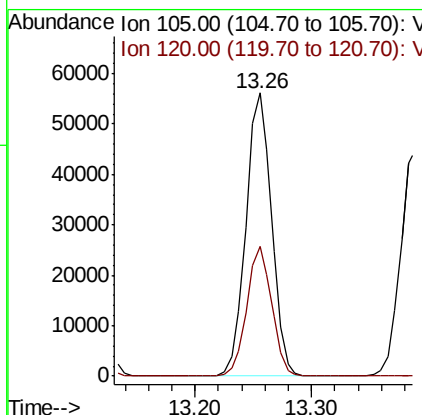
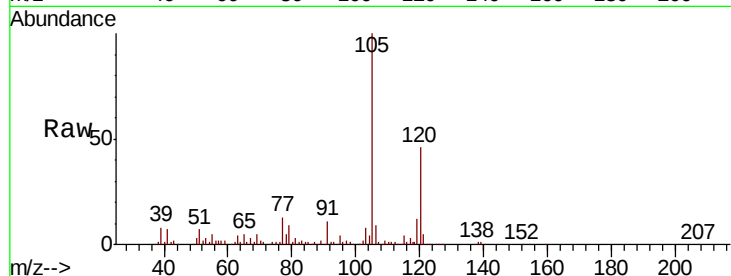




#84
1,2,4-Trimethylbenzene
Concen: 14.812 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

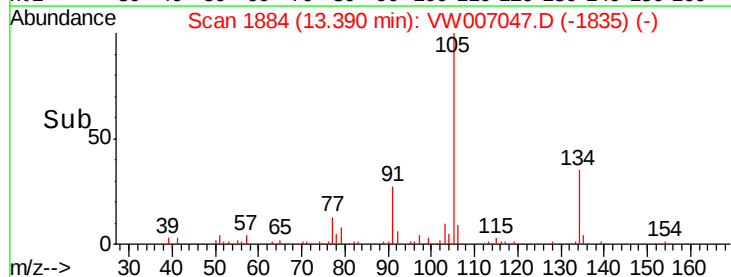
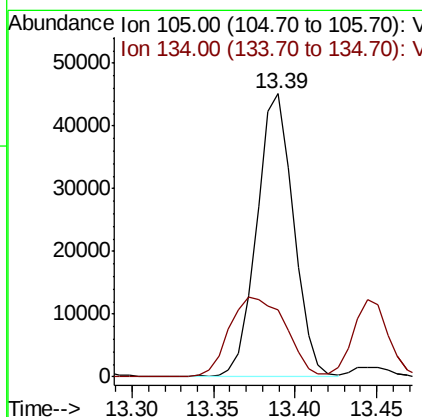
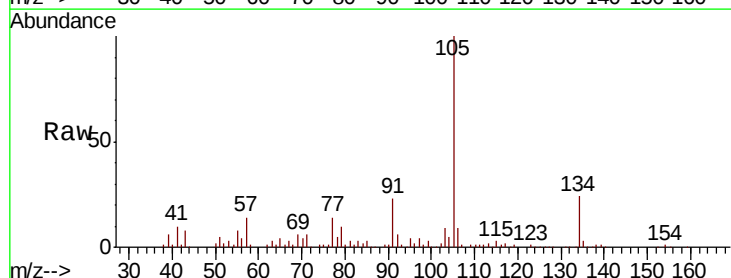
Instrument :
MSVOA_W
ClientSampled :

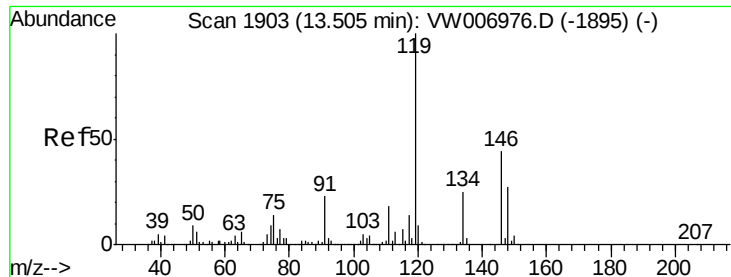
Tot Ion:105 Resp: 86250
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.3



#85
sec-Butylbenzene
Concen: 9.822 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion:105 Resp: 70212
Ion Ratio Lower Upper
105 100
134 43.5 9.8 29.3#

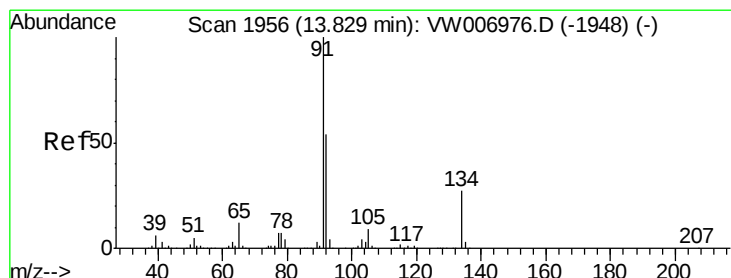
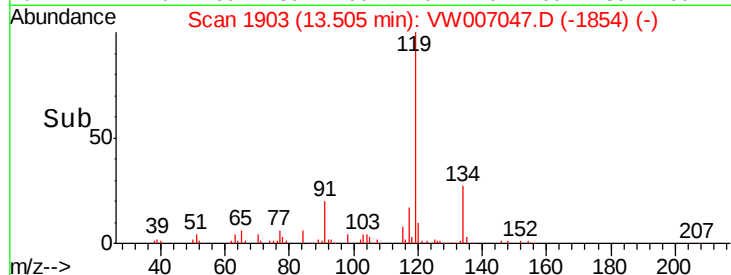
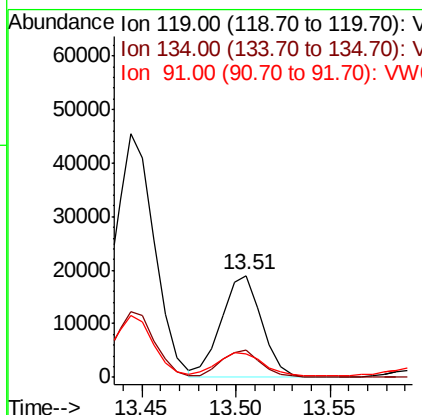
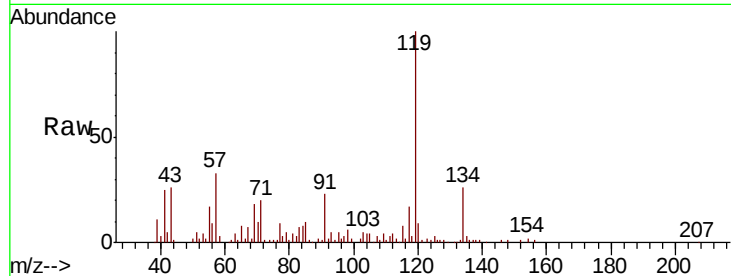




#86
p-Isopropyltoluene
Concen: 4.445 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

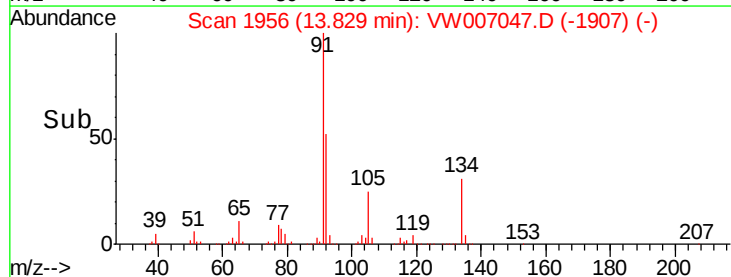
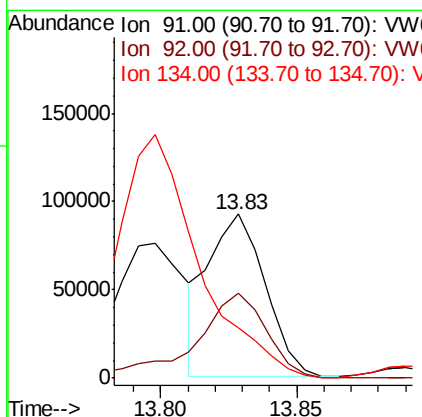
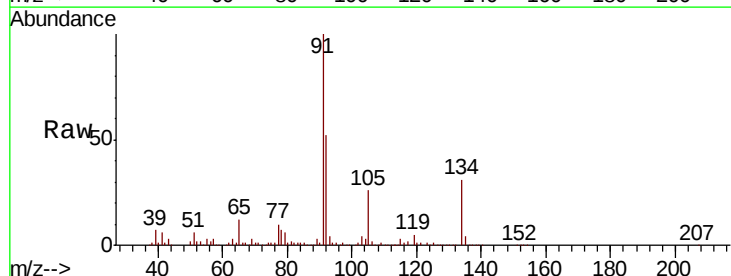
Instrument :
MSVOA_W
ClientSampled :

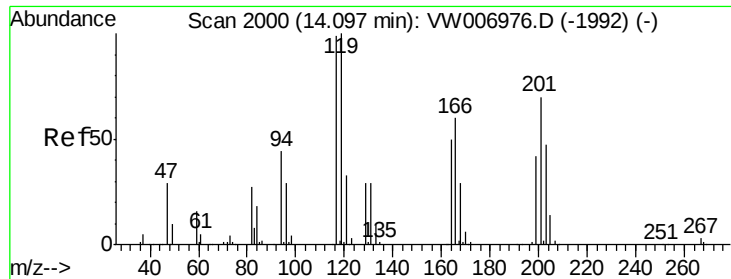
Tot Ion:119 Resp: 28030
Ion Ratio Lower Upper
119 100
134 26.9 12.8 38.3
91 25.4 12.2 36.6



#89
n-Butylbenzene
Concen: 22.377 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 91 Resp: 132803
Ion Ratio Lower Upper
91 100
92 64.0 26.8 80.4
134 0.0 13.3 39.8#

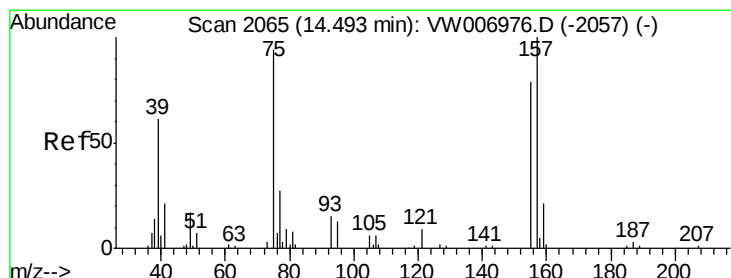
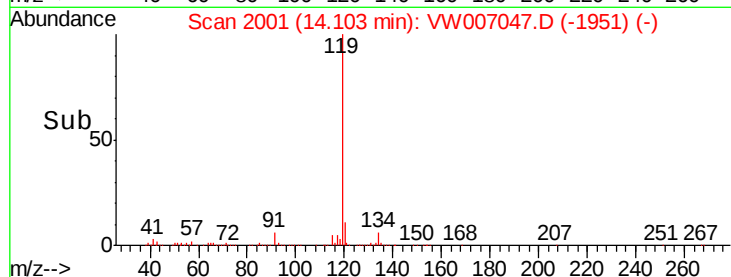
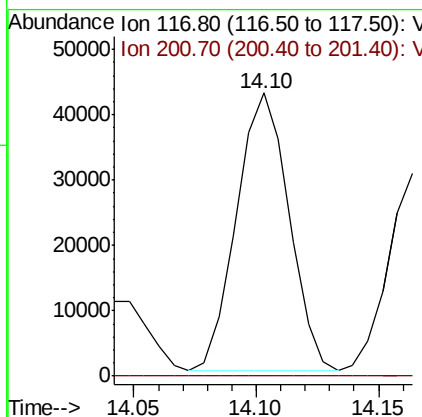
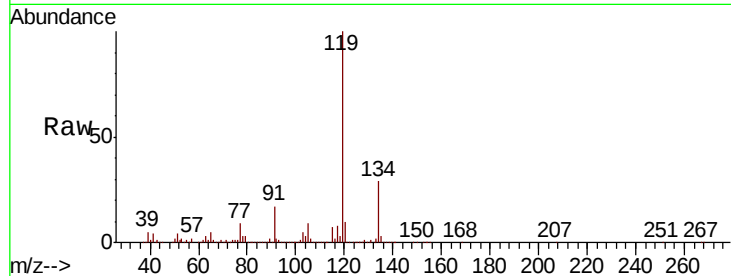




#90
Hexachloroethane
Concen: 68.414 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

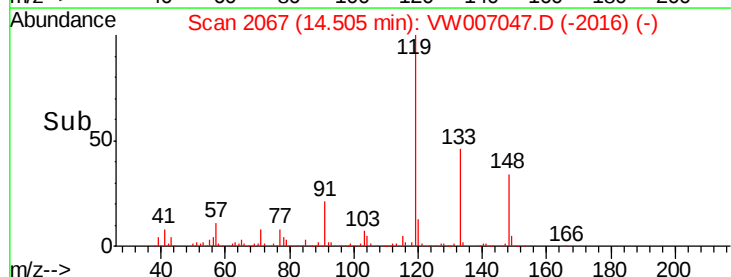
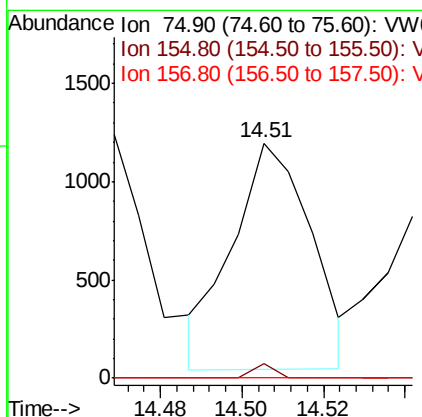
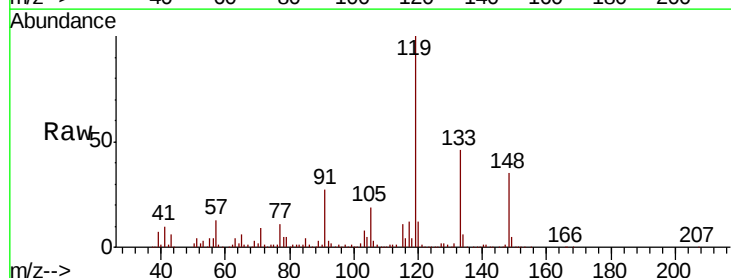
Instrument :
MSVOA_W
ClientSampled :

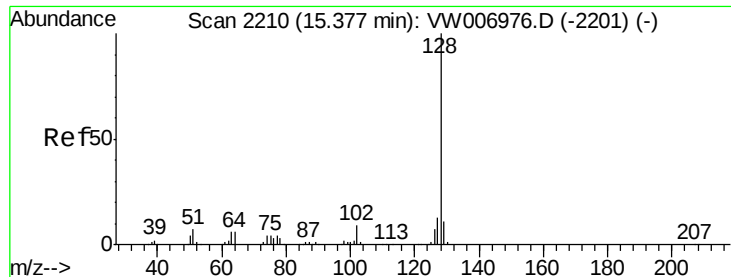
Tot Ion:117 Resp: 62989
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.197 ug/l
RT: 14.51 min Scan# 2067
Delta R.T. 0.01 min
Lab File: VW007047.D
Acq: 26 Nov 2018 15:08

Tgt Ion: 75 Resp: 1549
Ion Ratio Lower Upper
75 100
155 1.7 42.6 127.8#
157 0.0 55.0 165.0#

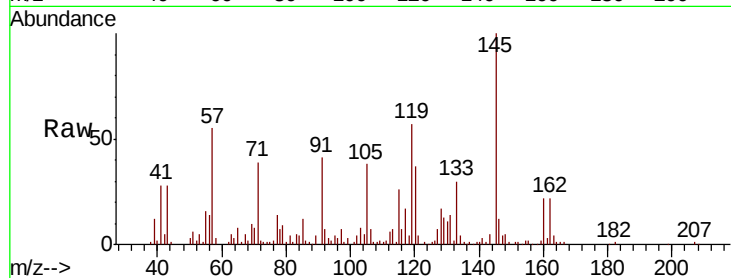




#95
 Naphthalene
 Concen: 1.251 ug/l
 RT: 15.34 min Scan# 2204
 Delta R.T. -0.04 min
 Lab File: VW007047.D
 Acq: 26 Nov 2018 15:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:128 Resp: 3887
 Ion Ratio Lower Upper
 128 100
 127 63.1 10.5 15.7#
 129 102.6 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

