

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007806.D
 Acq On : 21 Dec 2018 20:15
 Operator : SY/AP
 Sample : J6392-08RE
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 23:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	51759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6799	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20847	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.88	113	18555	58.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.52%	
50) Toluene-d8	10.32	98	49784	41.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.64%	
62) 4-Bromofluorobenzene	12.62	95	10274	22.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.68%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.17	59	928	31.244	ug/l #	73
15) Acrylonitrile	5.43	53	503	6.624	ug/l #	29
16) Acetone	4.12	43	21737	263.635	ug/l	97
18) Methyl Acetate	4.42	43	231	1.178	ug/l #	46
19) Methyl tert-butyl Ether	5.43	73	2815	4.947	ug/l #	1
20) Methylene Chloride	4.90	84	583	Below Cal	#	79
25) 2-Butanone	7.17	43	7004	72.525	ug/l #	86
30) Chloroform	7.62	83	1303	1.608	ug/l #	17
31) Cyclohexane	7.92	56	8116	12.382	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	2948	5.901	ug/l #	49
37) Ethyl Acetate	7.17	43	7004	40.625	ug/l #	68
38) Carbon Tetrachloride	7.95	117	4448	7.560	ug/l #	14
39) Methylcyclohexane	9.34	83	12053	19.416	ug/l #	51
40) Benzene	8.32	78	10834	8.127	ug/l	94
41) Methacrylonitrile	7.51	41	182	1.859	ug/l #	22
43) Isopropyl Acetate	8.42	43	5758	16.670	ug/l #	49
47) Bromodichloromethane	9.62	83	3847	8.037	ug/l #	36
48) Methyl methacrylate	9.47	41	3940	22.852	ug/l #	26
51) 4-Methyl-2-Pentanone	10.25	43	5471	33.515	ug/l #	78
55) 1,1,2-Trichloroethane	10.76	97	12963	51.641	ug/l #	25
56) Ethyl methacrylate	10.66	69	1507	5.081	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.89	63	374	2.762	ug/l #	42
59) 2-Hexanone	10.94	43	6705	58.405	ug/l #	28
67) Ethyl Benzene	11.73	91	152176	169.720	ug/l	97
68) m/p-Xylenes	11.73	106	47199	135.701	ug/l #	25
69) o-Xylene	12.16	106	554	1.699	ug/l	71
73) Isopropylbenzene	12.46	105	57135	111.173	ug/l	99
74) N-amyl acetate	12.25	43	1683	18.906	ug/l #	58
76) 1,2,3-Trichloropropane	12.81	75	864	16.442	ug/l #	100
78) n-propylbenzene	12.80	91	129696	216.794	ug/l	99
79) 2-Chlorotoluene	12.94	91	17215	49.396	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	158243	356.966	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	704	28.121	ug/l #	58
82) 4-Chlorotoluene	12.94	91	17215	46.392	ug/l #	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007806.D
 Acq On : 21 Dec 2018 20:15
 Operator : SY/AP
 Sample : J6392-08RE
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 23:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

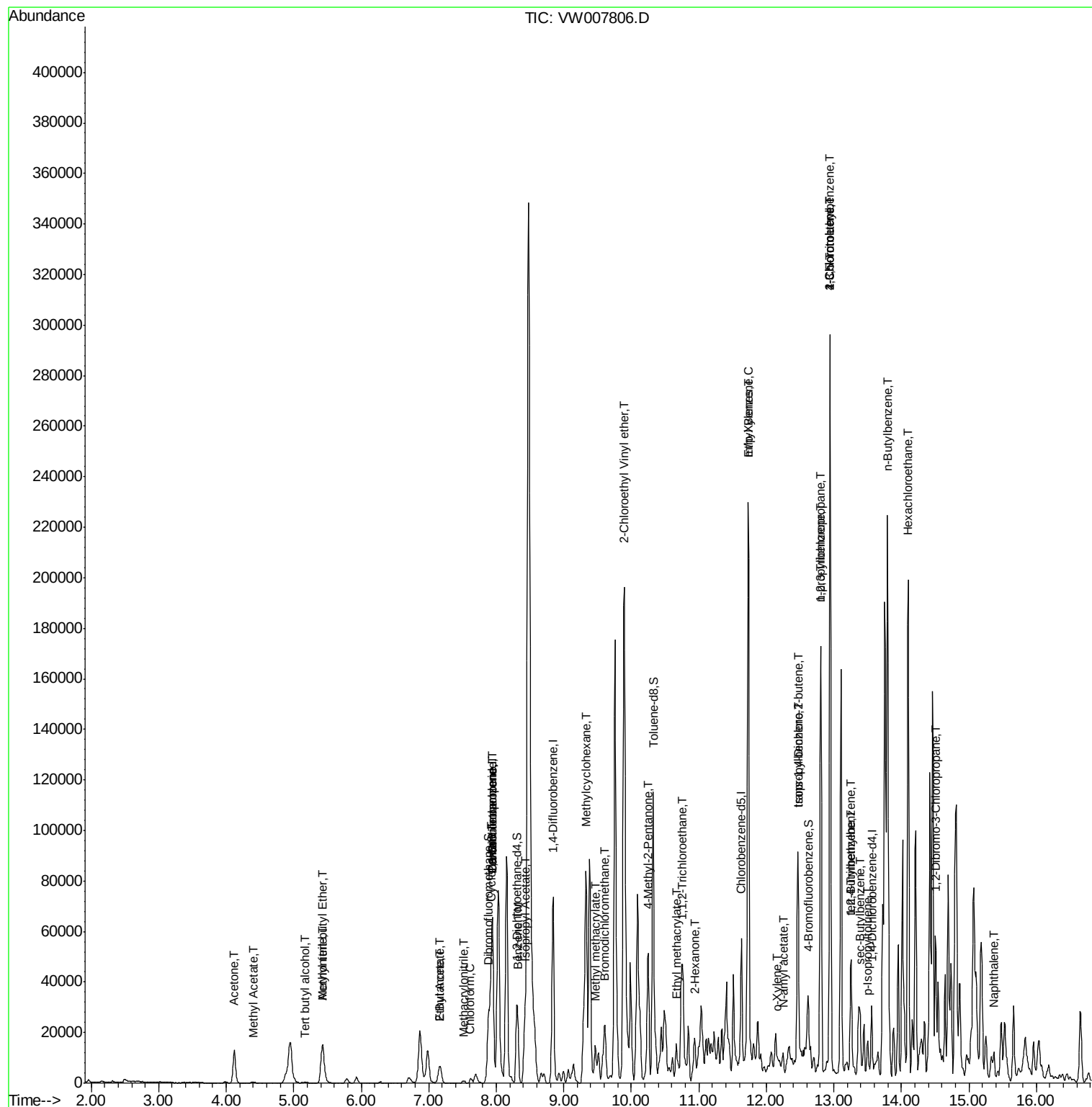
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	3215	8.266	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.26	105	27153	60.702	ug/l	96
85) sec-Butylbenzene	13.39	105	15394	28.717	ug/l #	55
86) p-Isopropyltoluene	13.51	119	7499	15.384	ug/l	93
89) n-Butylbenzene	13.79	91	30247	67.678	ug/l #	1
90) Hexachloroethane	14.10	117	9914	115.849	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.51	75	244	15.419	ug/l #	3
95) Naphthalene	15.38	128	4781	17.793	ug/l	98

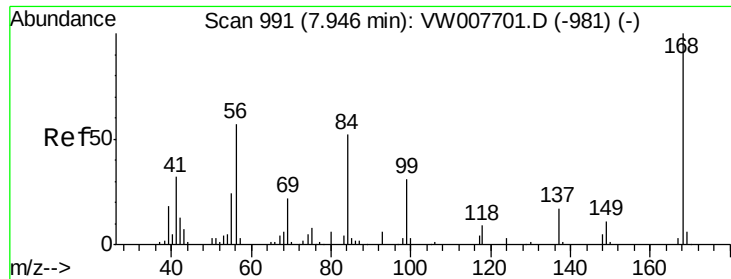
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007806.D
Acq On : 21 Dec 2018 20:15
Operator : SY/AP
Sample : J6392-08RE
Misc : 6.73G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 21 23:50:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

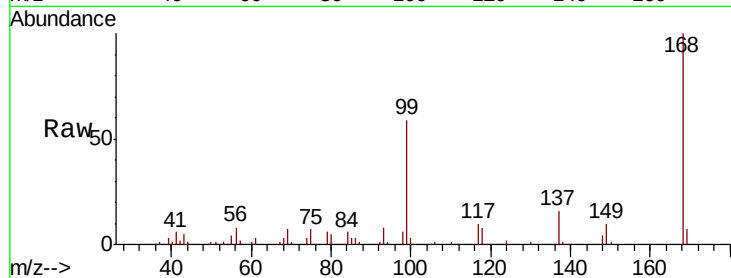
ClientSampleId :

Tot Ion:168 Resp: 40172

Ion Ratio Lower Upper

168 100

99 59.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

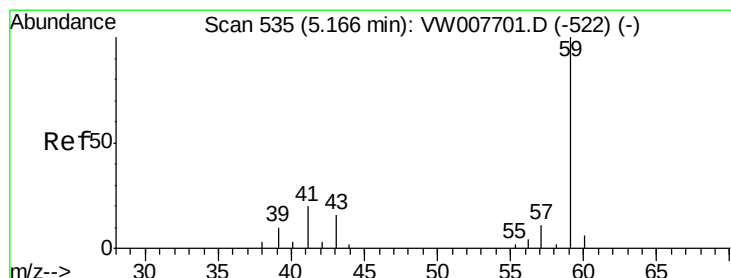
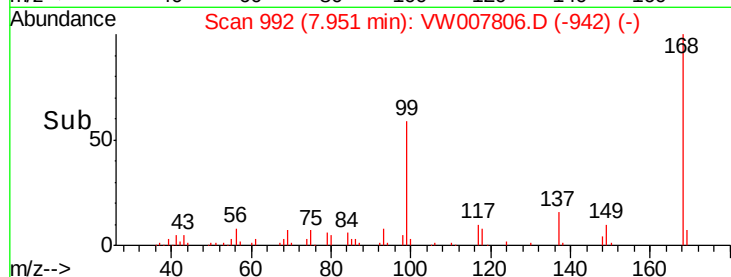
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 31.244 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007806.D

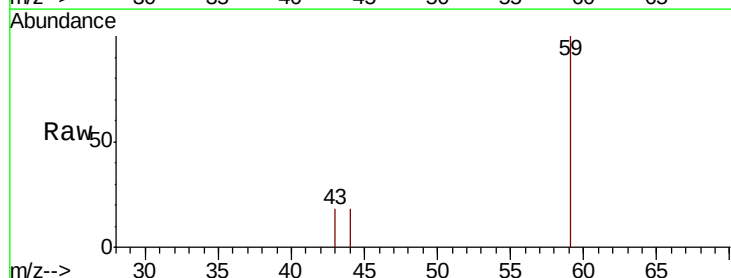
Acq: 21 Dec 2018 20:15

Tgt Ion: 59 Resp: 928

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

300

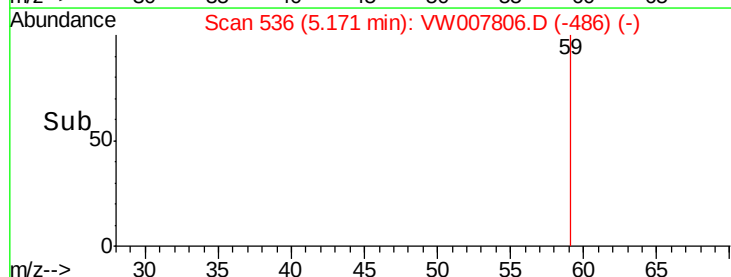
200

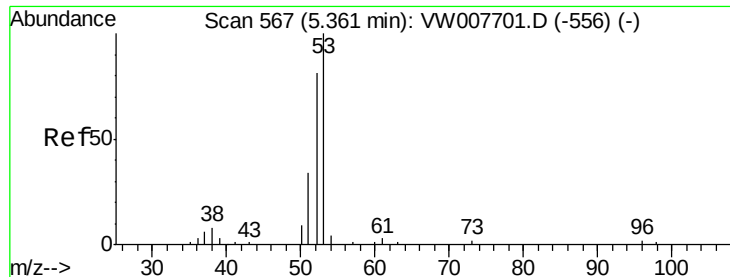
100

0

5.10 5.15 5.20 5.25

Time-->





#15

Acrylonitrile

Concen: 6.624 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.07 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampled :

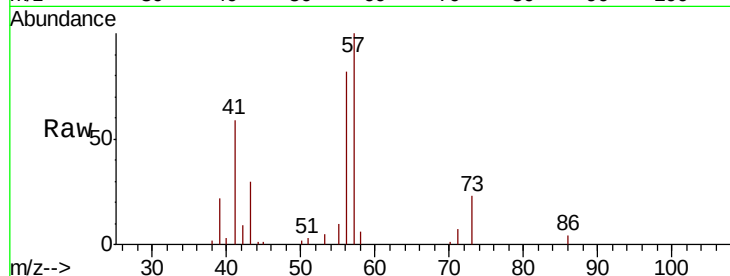
Tot Ion: 53 Resp: 503

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

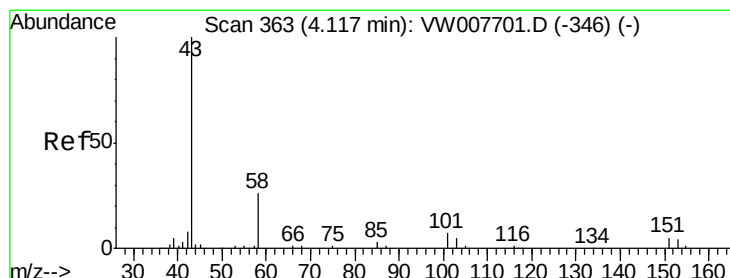
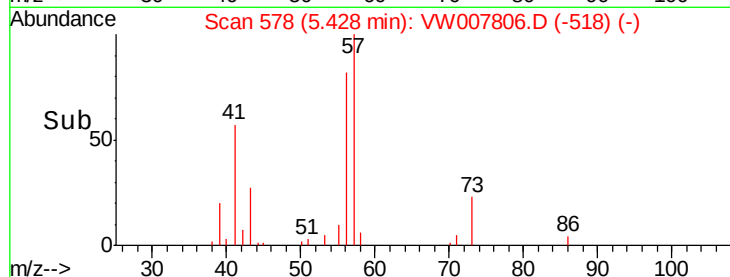
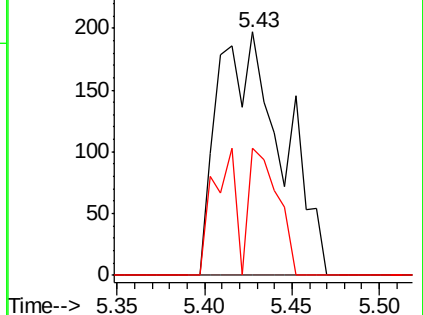
51 23.3 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 263.635 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007806.D

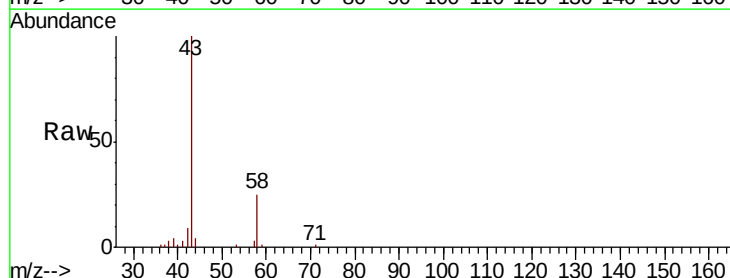
Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 21737

Ion Ratio Lower Upper

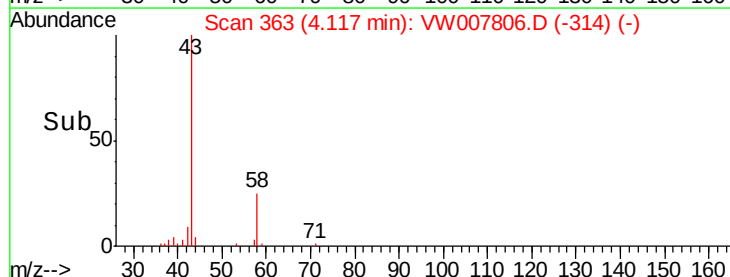
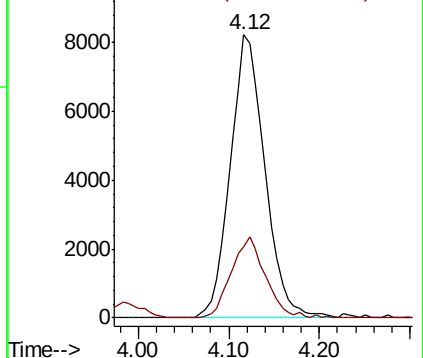
43 100

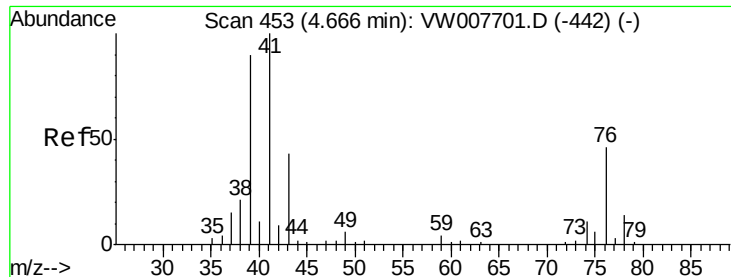
58 25.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

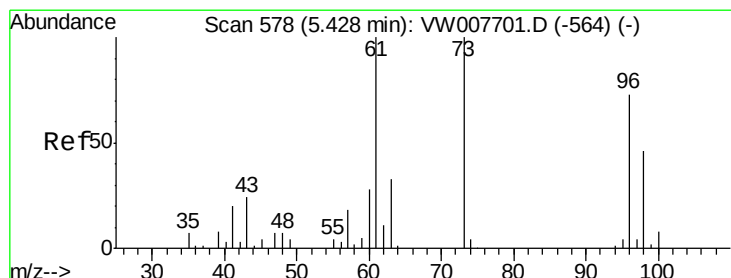
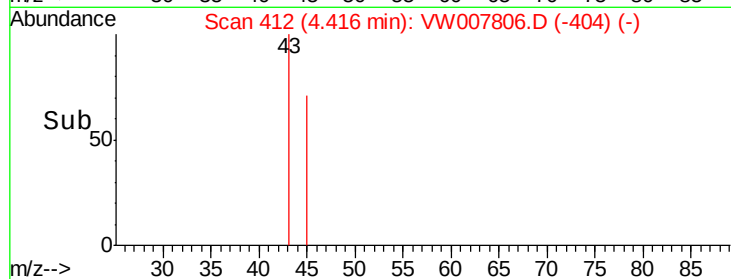
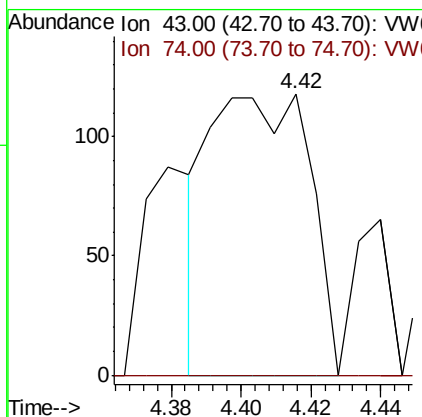
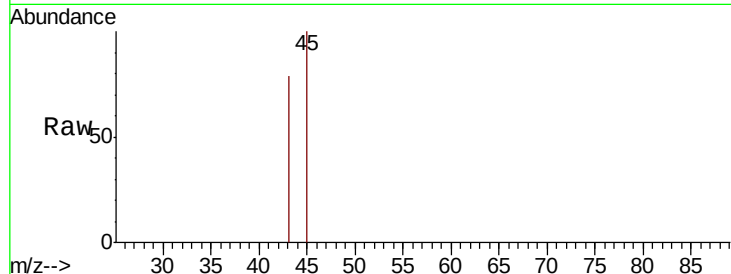




#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 4.42 min Scan# 412
Delta R.T. -0.25 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

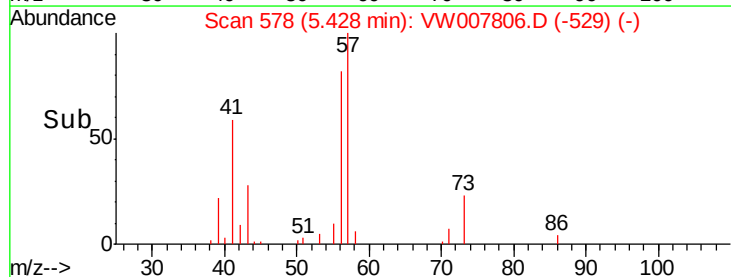
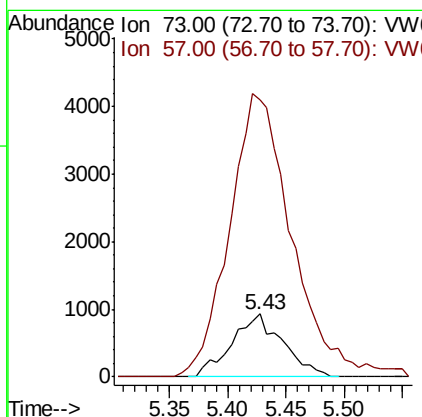
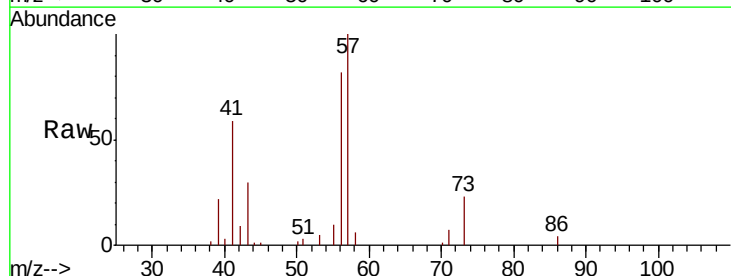
Instrument :
MSVOA_W
ClientSampled :

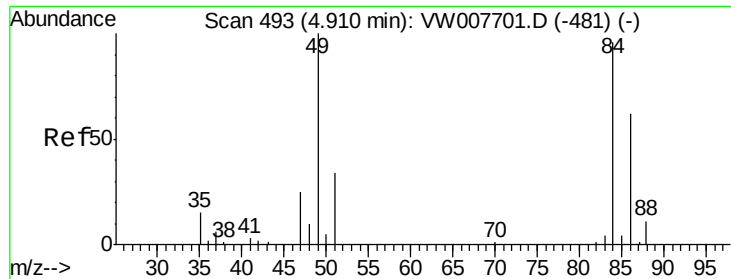
Tot Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#19
Methyl tert-butyl Ether
Concen: 4.947 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 73 Resp: 2815
Ion Ratio Lower Upper
73 100
57 425.6 14.7 22.1#

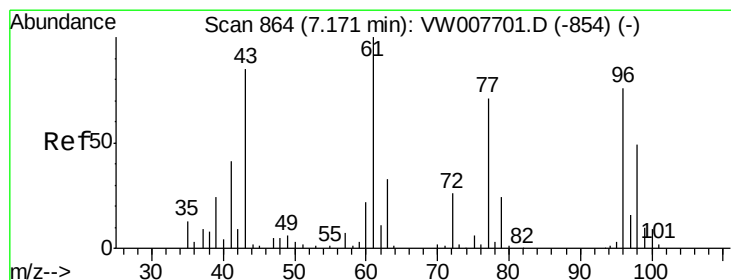
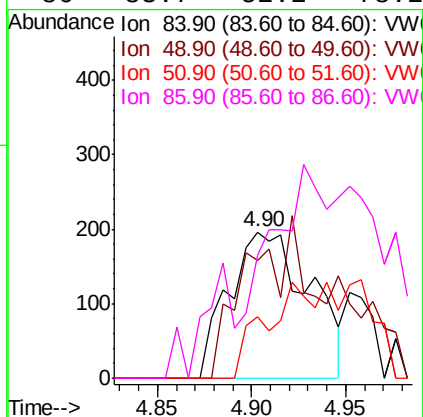
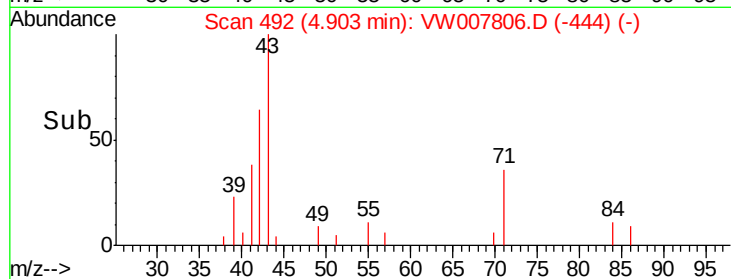
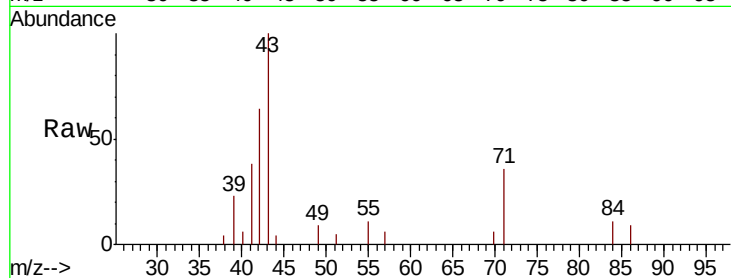




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

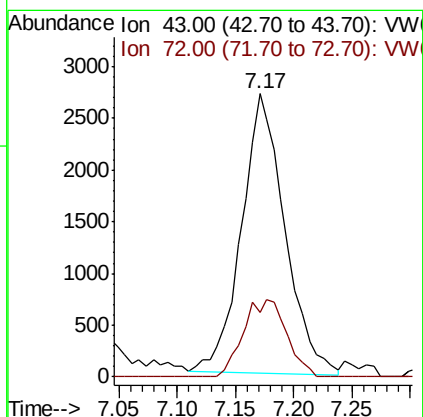
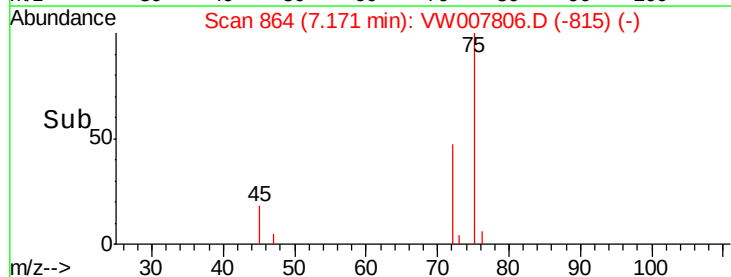
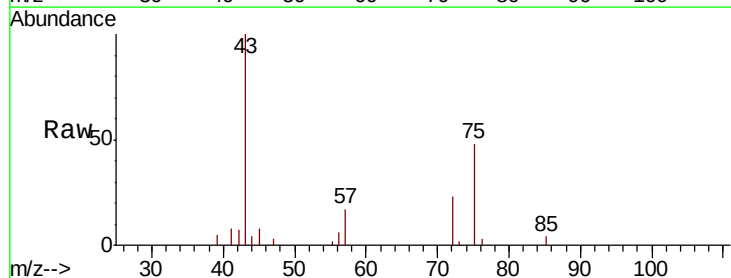
Instrument :
MSVOA_W
ClientSampled :

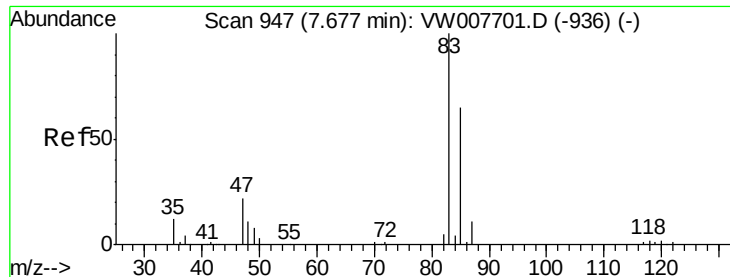
Tot Ion: 84 Resp: 583
Ion Ratio Lower Upper
84 100
49 80.6 83.7 125.5#
51 41.8 28.2 42.2
86 83.7 52.2 78.2#



#25
2-Butanone
Concen: 72.525 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 7004
Ion Ratio Lower Upper
43 100
72 23.1 24.5 36.7#

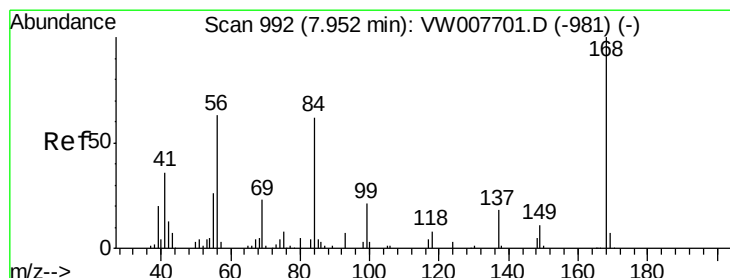
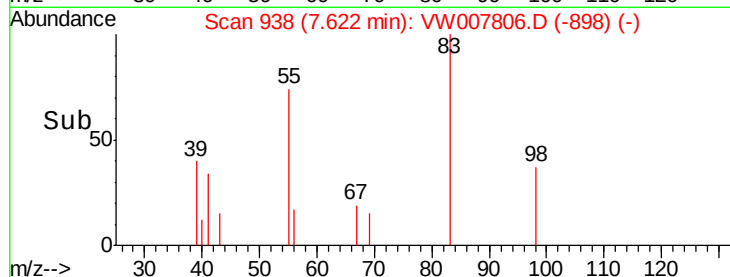
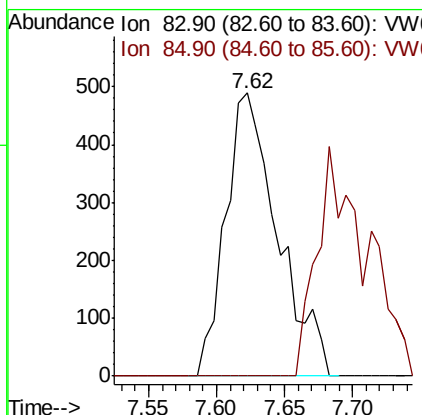
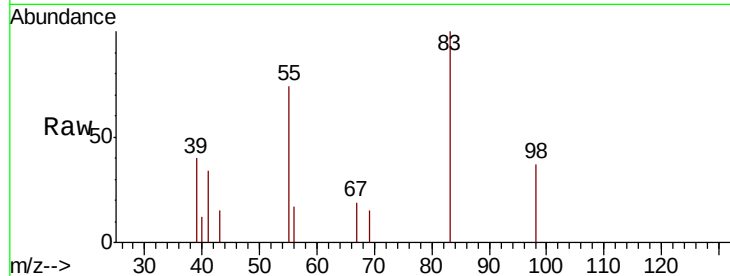




#30
Chloroform
Concen: 1.608 ug/l
RT: 7.62 min Scan# 938
Delta R.T. -0.06 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

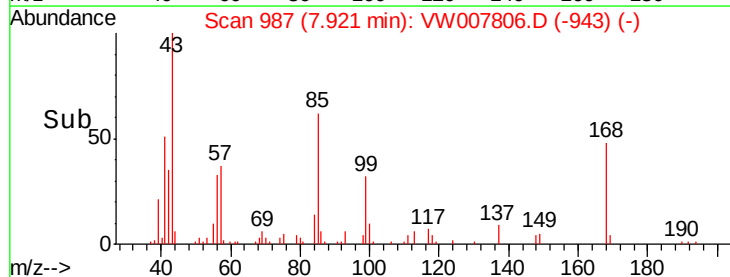
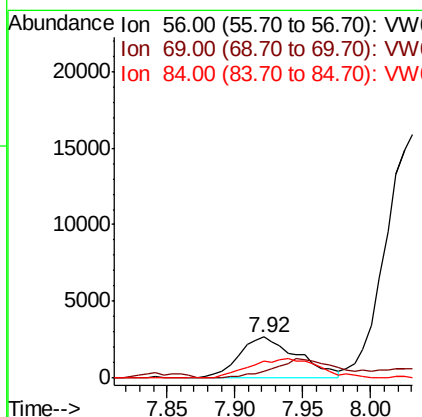
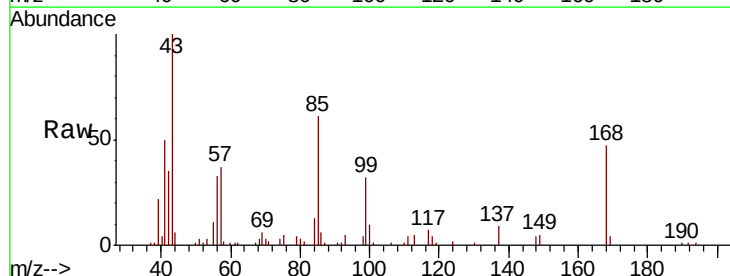
Instrument :
MSVOA_W
ClientSampled :

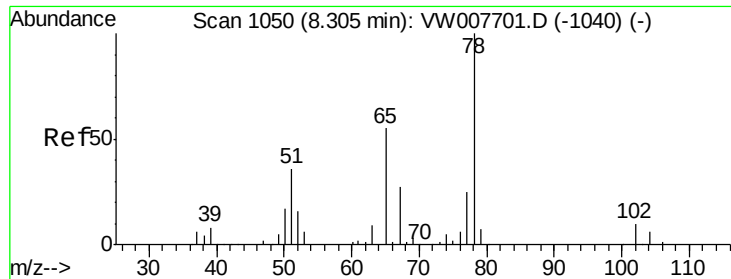
Tot Ion: 83 Resp: 1303
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.2#



#31
Cyclohexane
Concen: 12.382 ug/l
RT: 7.92 min Scan# 987
Delta R.T. -0.03 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 56 Resp: 8116
Ion Ratio Lower Upper
56 100
69 9.7 29.7 44.5#
84 40.7 78.9 118.3#

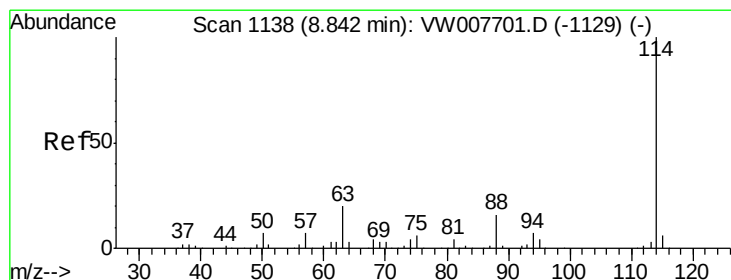
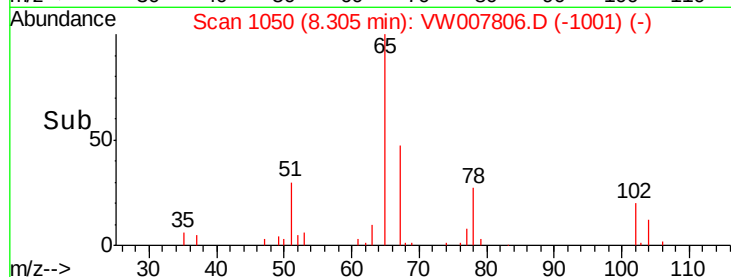
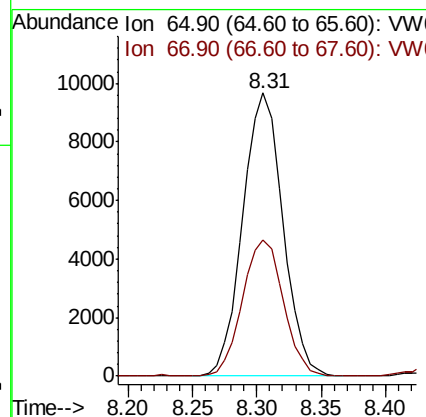
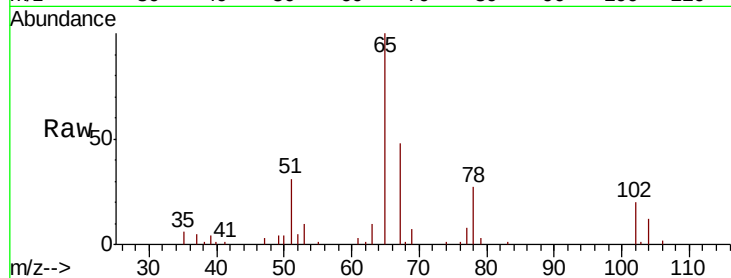




#33
 1,2-Dichloroethane-d4
 Concen: 47.347 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

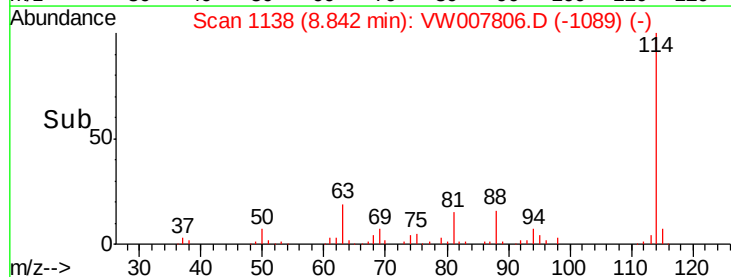
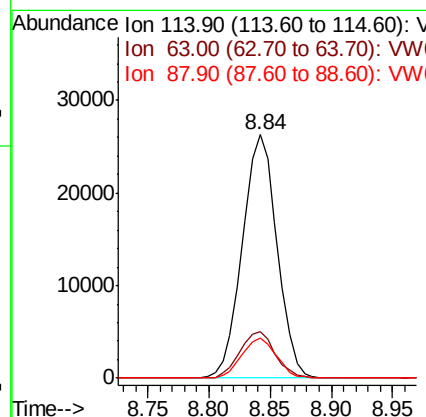
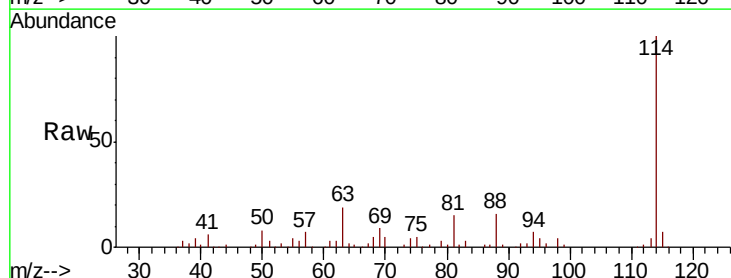
Instrument :
 MSVOA_W
 ClientSampled :

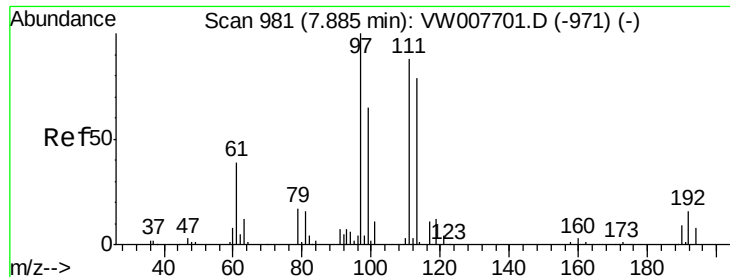
Tot Ion: 65 Resp: 20847
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion: 114 Resp: 51759
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 16.3 0.0 32.6

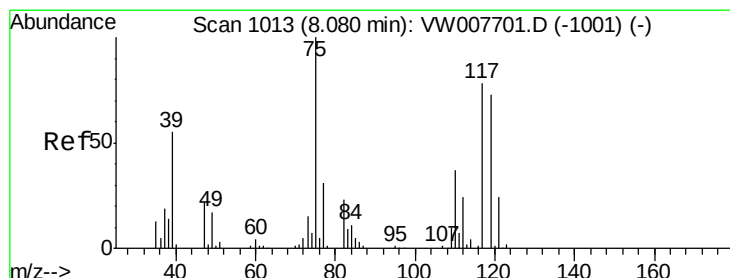
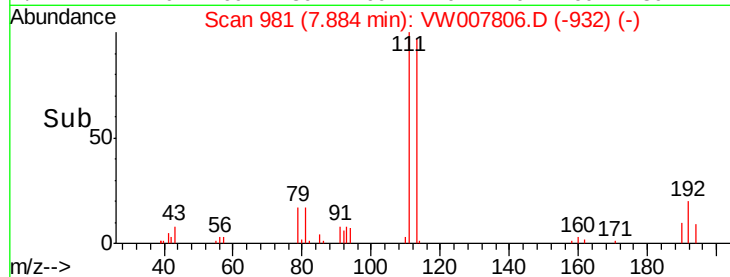
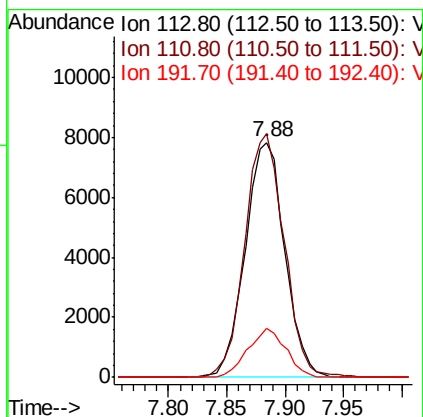
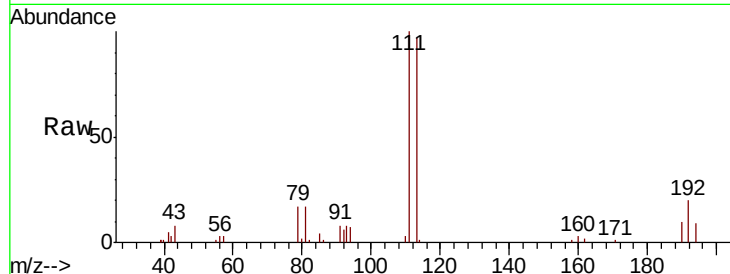




#35
 Dibromofluoromethane
 Concen: 58.764 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

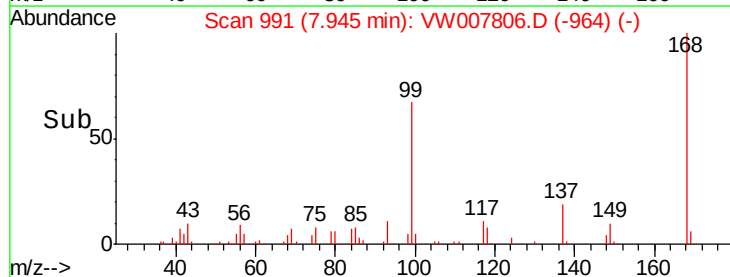
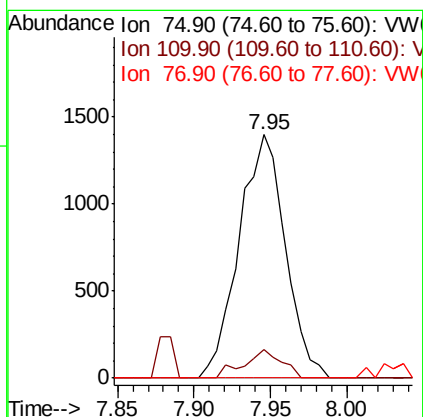
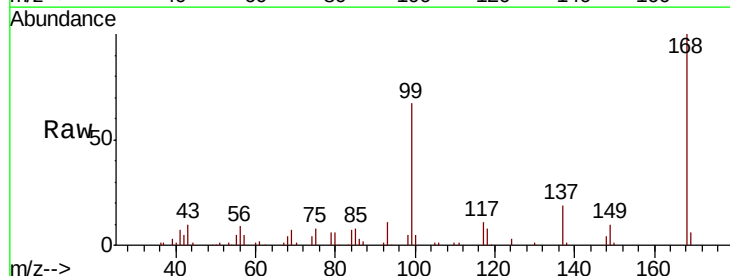
Instrument :
 MSVOA_W
 ClientSampled :

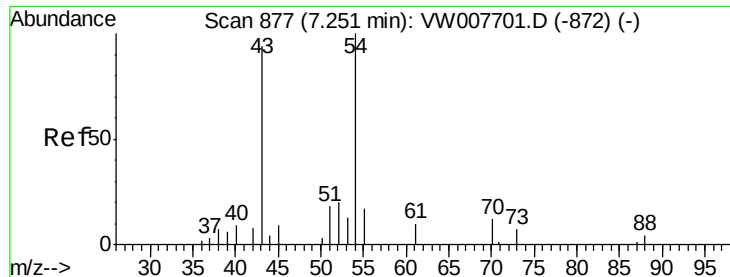
Tot Ion:113 Resp: 18555
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 124.0
 192 19.8 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 5.901 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion: 75 Resp: 2948
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.6 55.8#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 40.625 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.08 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

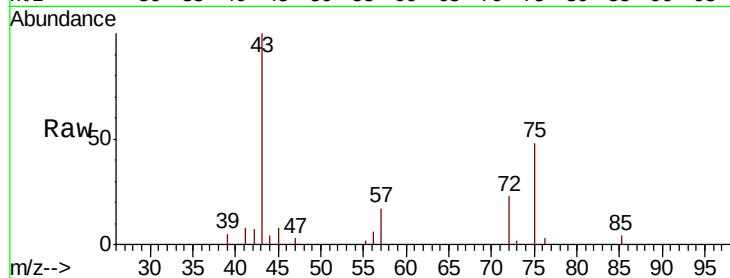
Tot Ion: 43 Resp: 7004

Ion Ratio Lower Upper

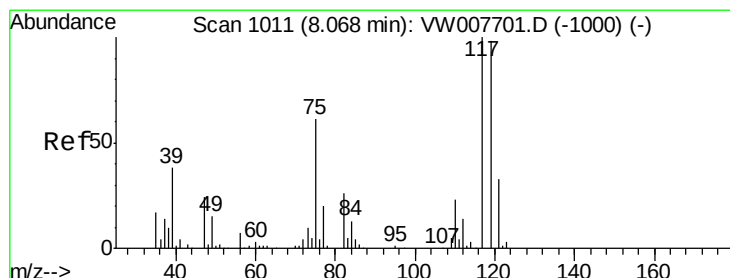
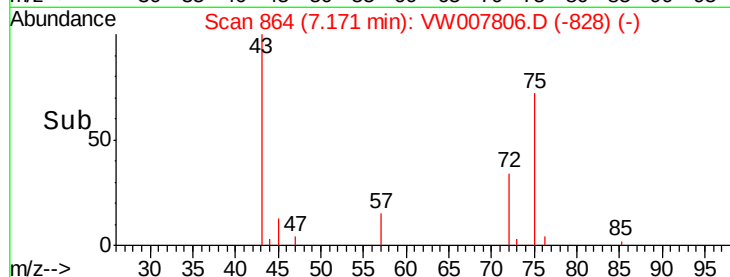
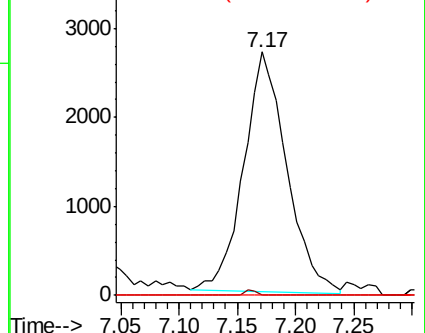
43 100

61 0.6 11.2 16.8#

70 0.0 9.3 13.9#



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



#38

Carbon Tetrachloride

Concen: 7.560 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

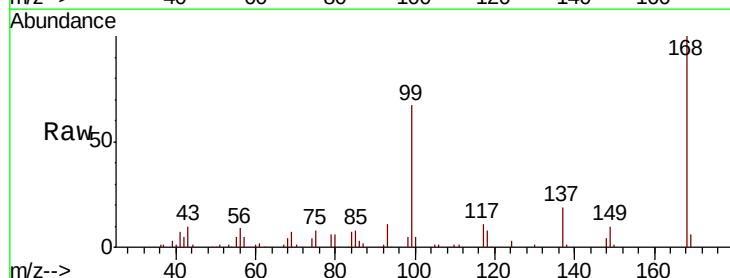
Tgt Ion: 117 Resp: 4448

Ion Ratio Lower Upper

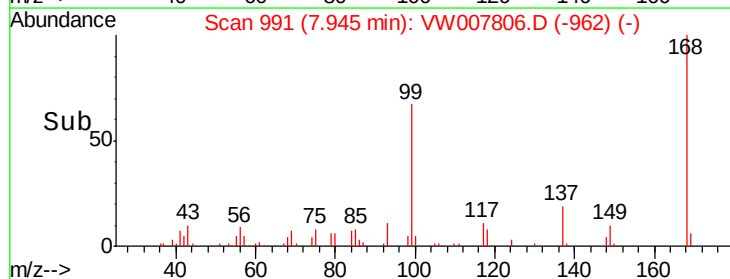
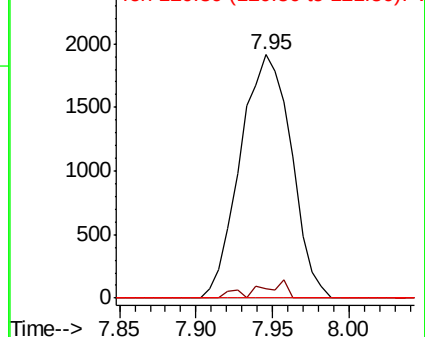
117 100

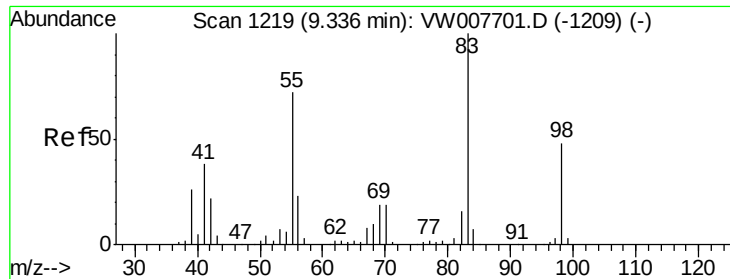
119 4.0 78.2 117.2#

121 0.0 26.1 39.1#



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

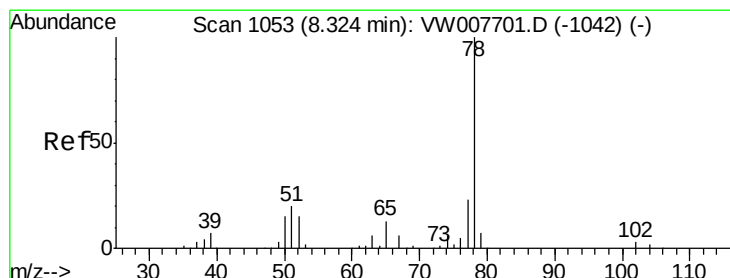
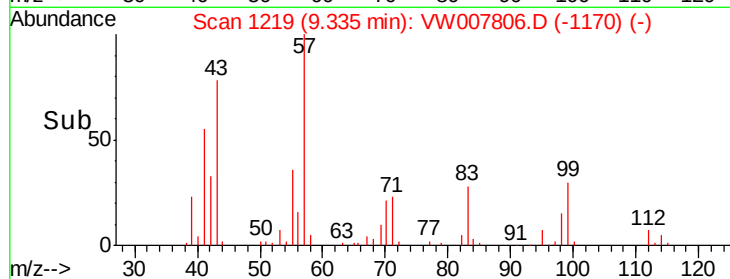
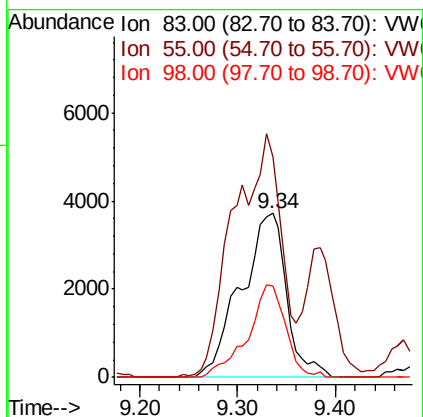
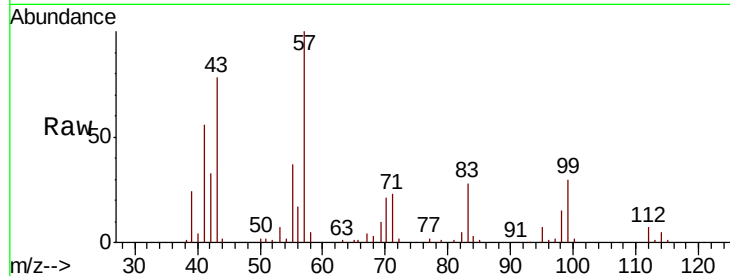




#39
Methylvlcyclohexane
Concen: 19.416 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

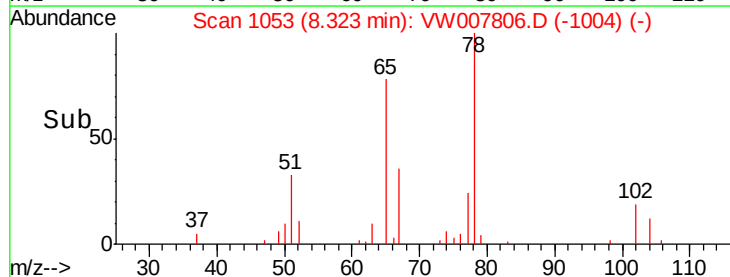
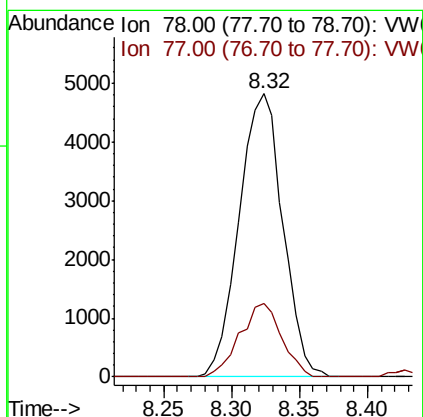
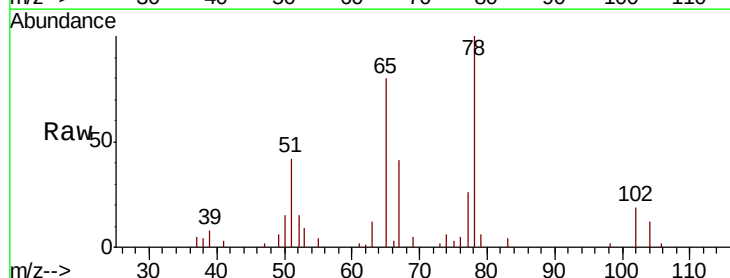
Instrument :
MSVOA_W
ClientSampled :

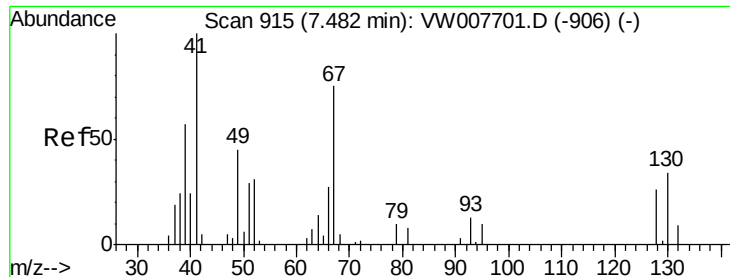
Tot Ion: 83 Resp: 12053
Ion Ratio Lower Upper
83 100
55 133.6 57.2 85.8#
98 56.2 38.6 58.0



#40
Benzene
Concen: 8.127 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 78 Resp: 10834
Ion Ratio Lower Upper
78 100
77 26.1 18.7 28.1

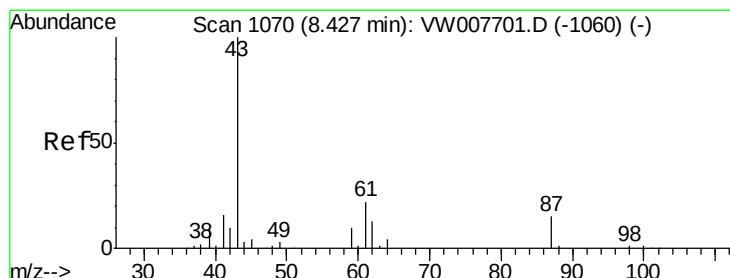
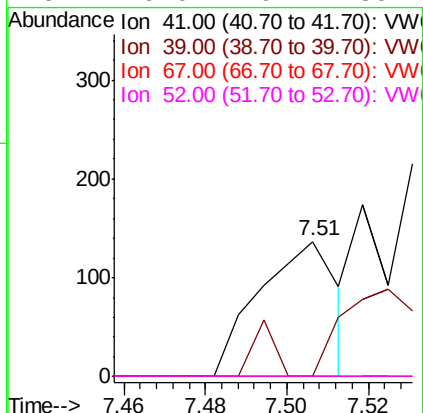
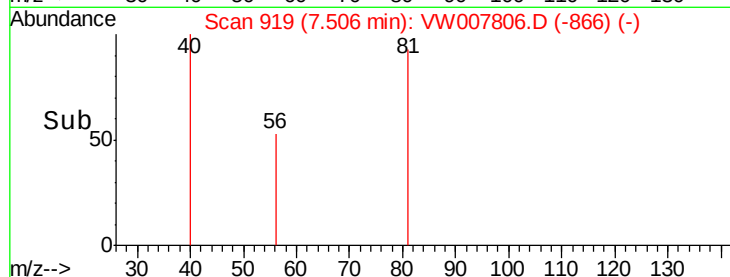
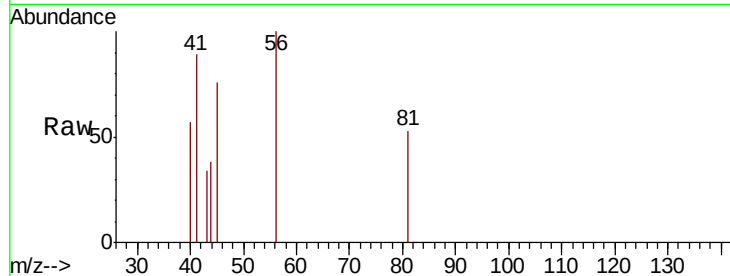




#41
Methacrylonitrile
Concen: 1.859 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

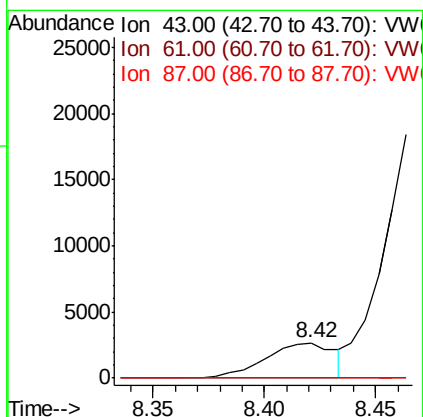
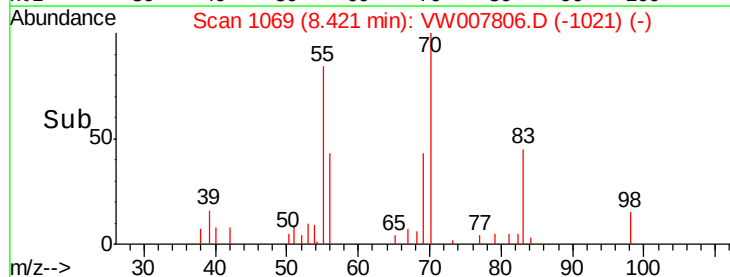
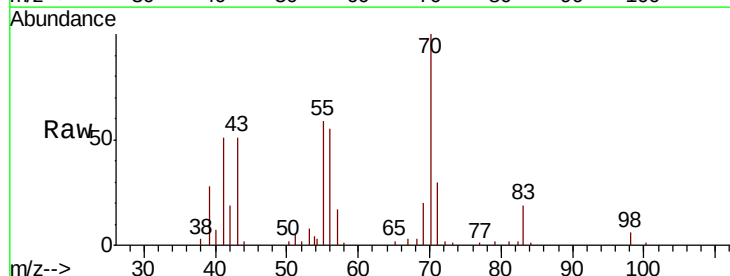
Instrument :
MSVOA_W
ClientSampled :

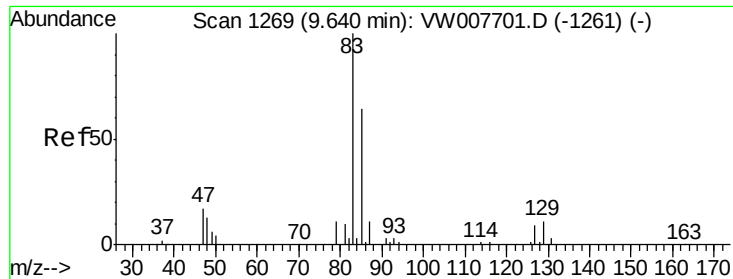
Tot Ion: 41 Resp: 182
Ion Ratio Lower Upper
41 100
39 11.5 54.2 81.4#
67 0.0 65.7 98.5#
52 0.0 26.2 39.4#



#43
Isopropyl Acetate
Concen: 16.670 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
61 0.0 26.3 39.5#
87 0.0 12.0 18.0#





#47

Bromodichloromethane

Concen: 8.037 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

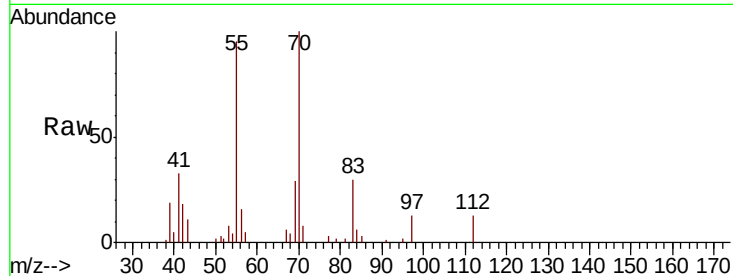
Tot Ion: 83 Resp: 3847

Ion Ratio Lower Upper

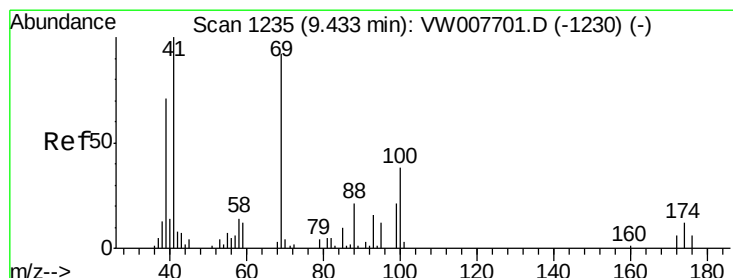
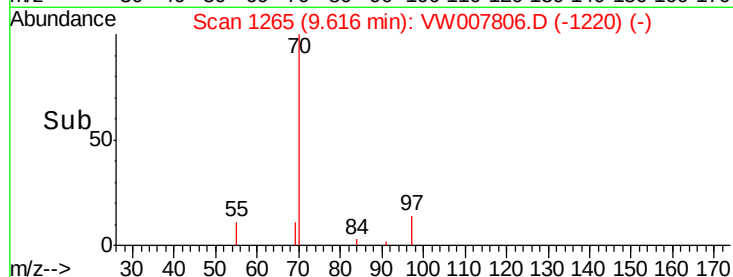
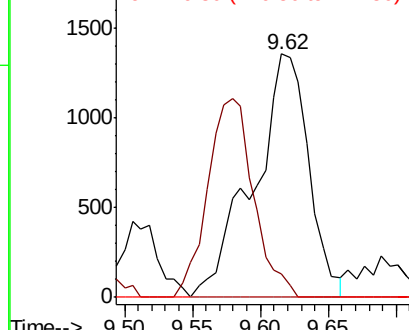
83 100

85 9.8 51.4 77.0#

127 0.0 7.5 11.3#



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

Methyl methacrylate

Concen: 22.852 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.04 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

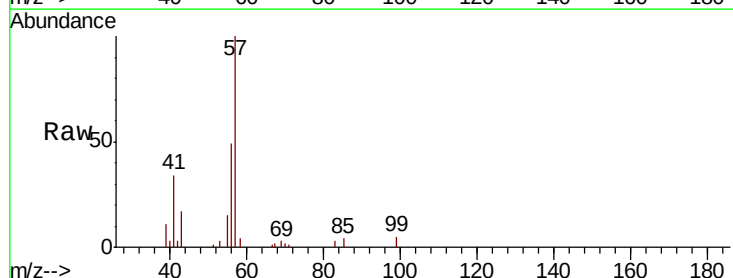
Tgt Ion: 41 Resp: 3940

Ion Ratio Lower Upper

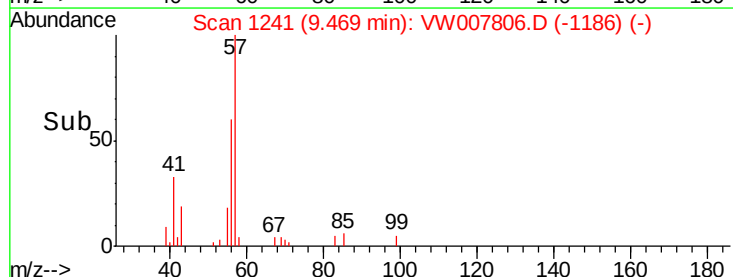
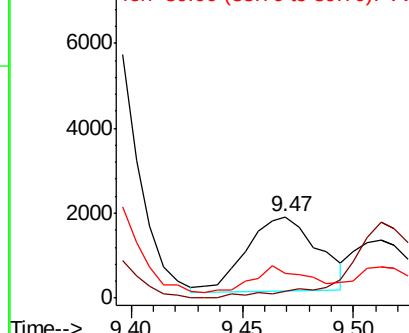
41 100

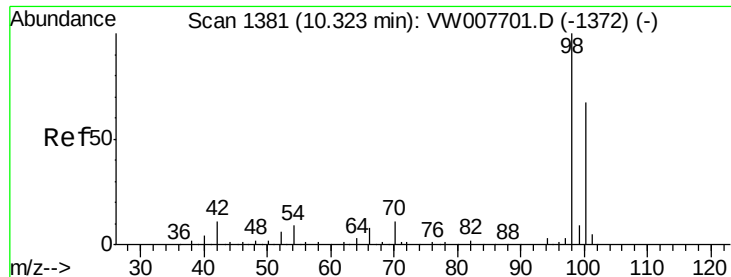
69 0.0 74.2 111.2#

39 33.4 53.9 80.9#



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





#50

Toluene-d8

Concen: 41.823 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

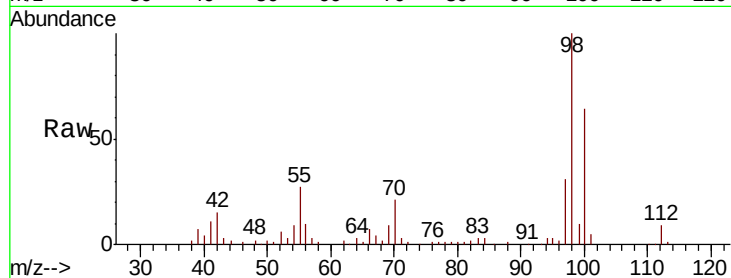
ClientSampleId :

Tot Ion: 98 Resp: 49784

Ion Ratio Lower Upper

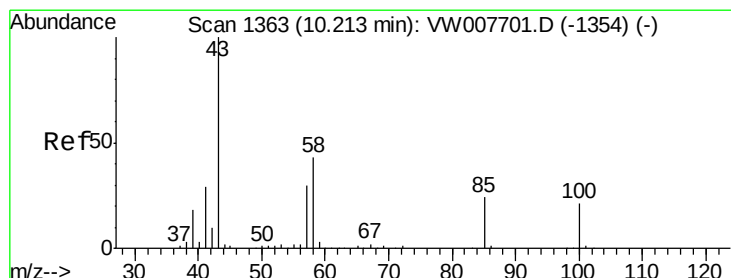
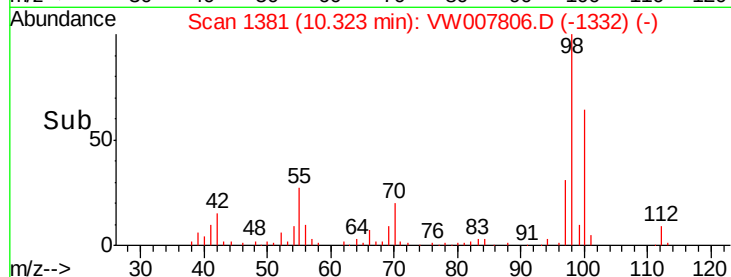
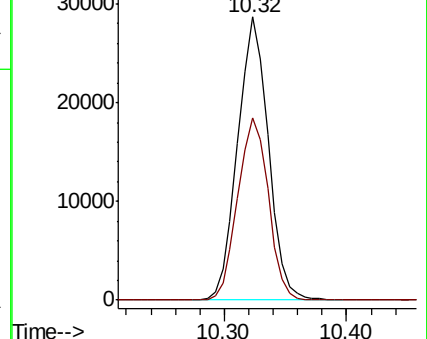
98 100

100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 33.515 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007806.D

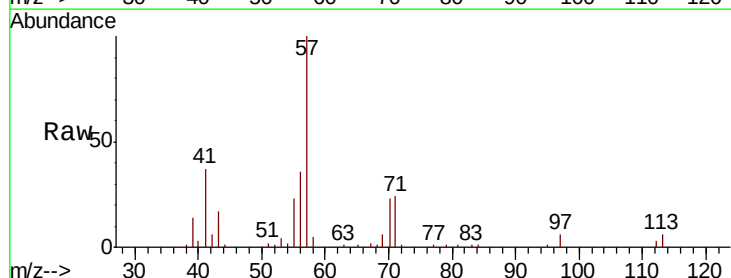
Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 5471

Ion Ratio Lower Upper

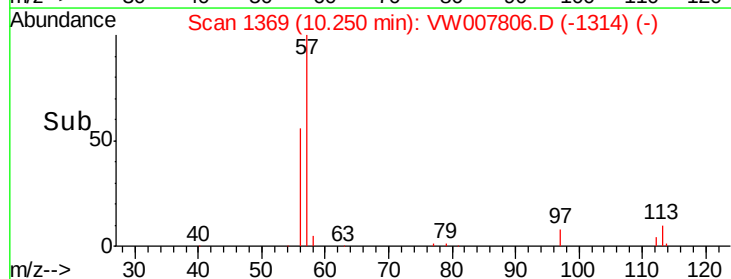
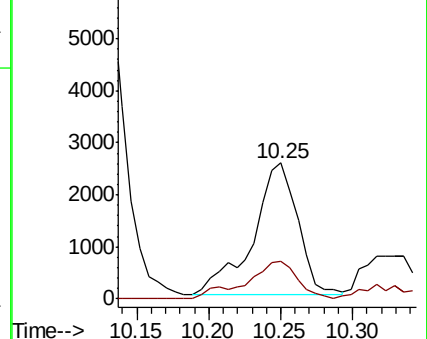
43 100

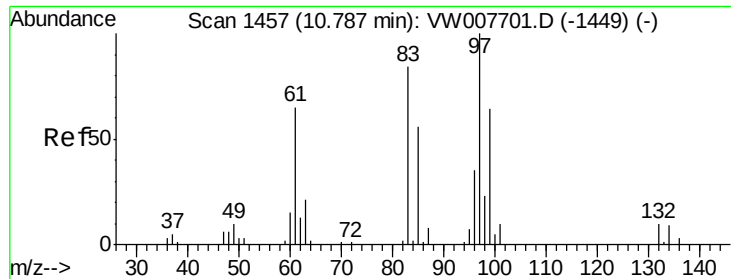
58 27.8 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

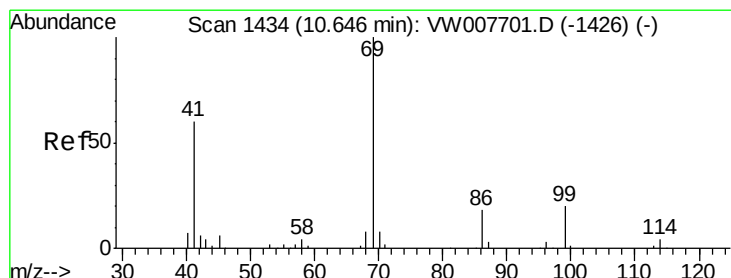
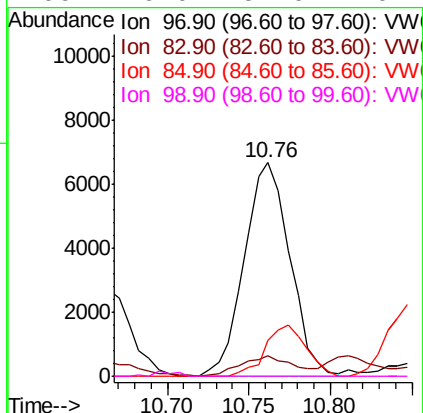
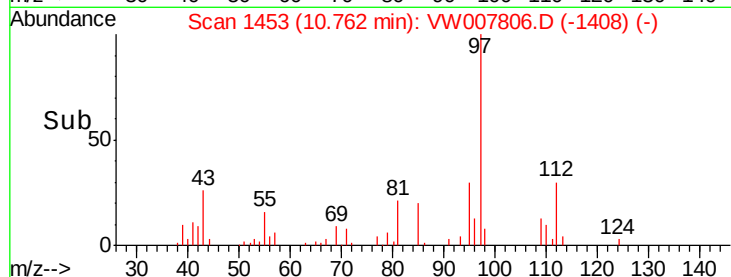
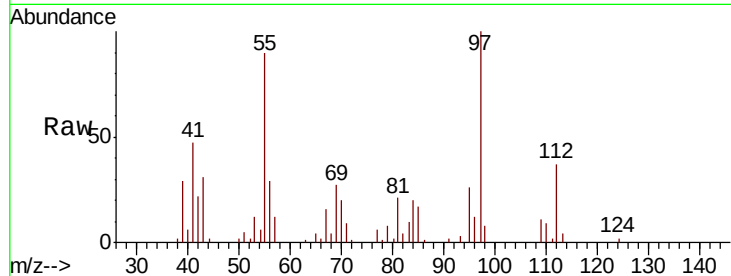




#55
 1,1,2-Trichloroethane
 Concen: 51.641 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

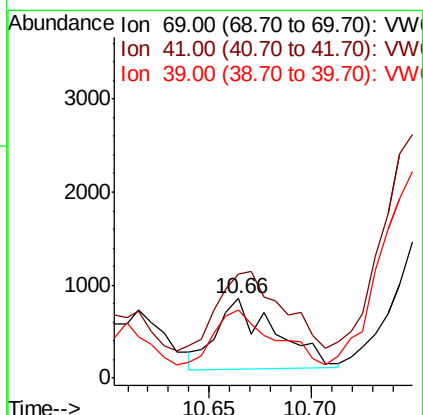
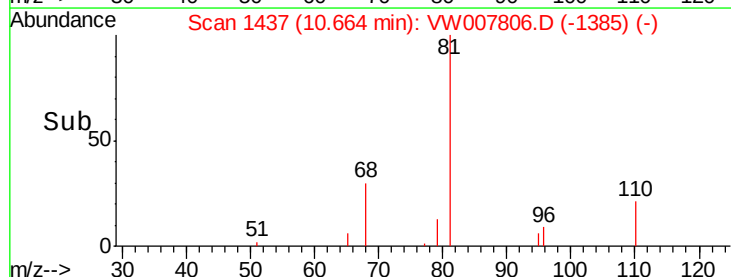
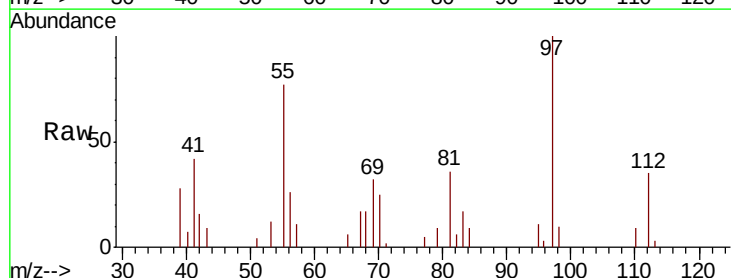
Instrument :
 MSVOA_W
 ClientSampled :

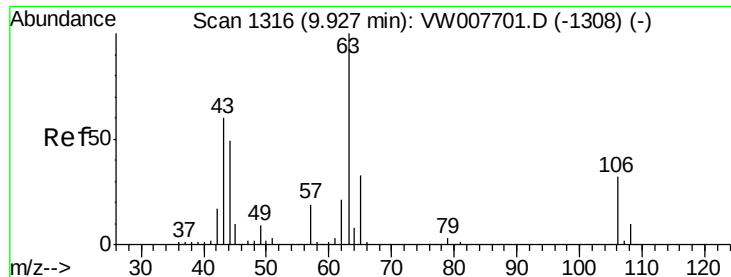
Tot Ion:	97	Resp:	12963
Ion	Ratio	Lower	Upper
97	100		
83	8.8	67.5	101.3#
85	16.7	44.8	67.2#
99	0.0	51.0	76.4#



#56
 Ethyl methacrylate
 Concen: 5.081 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion:	69	Resp:	1507
Ion	Ratio	Lower	Upper
69	100		
41	171.5	48.9	73.3#
39	82.0	31.3	46.9#

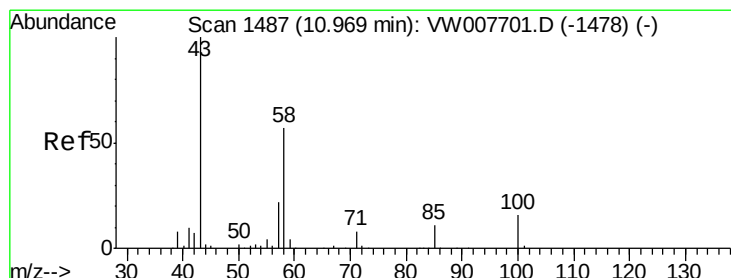
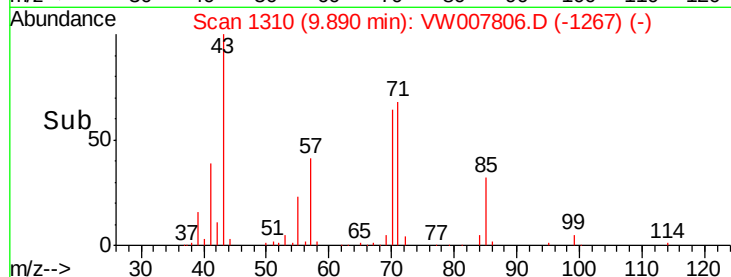
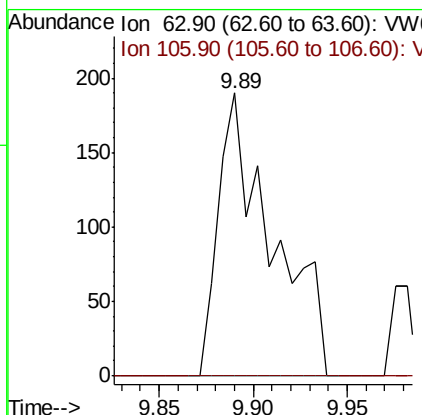
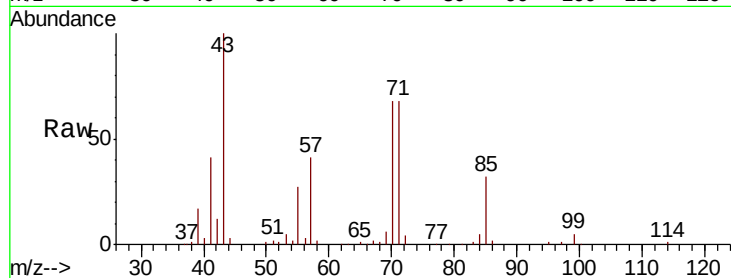




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.762 ug/l
 RT: 9.89 min Scan# 1310
 Delta R.T. -0.04 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

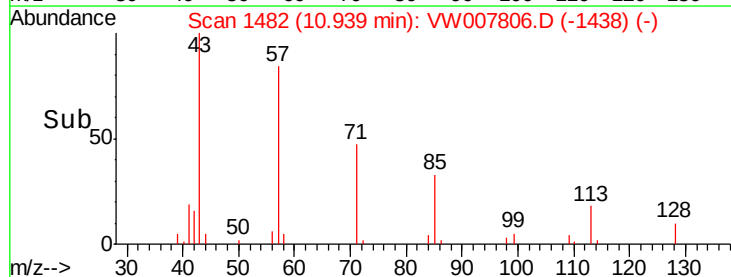
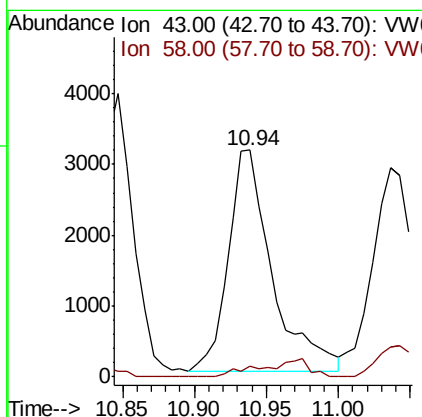
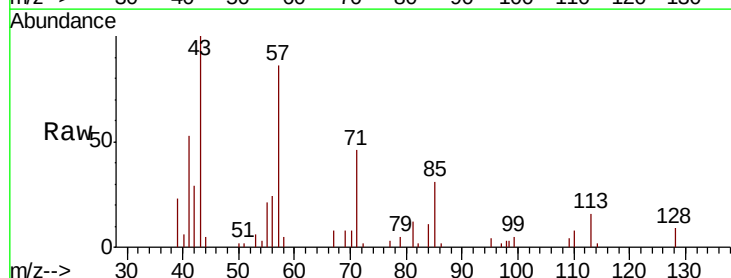
Instrument :
 MSVOA_W
 ClientSampled :

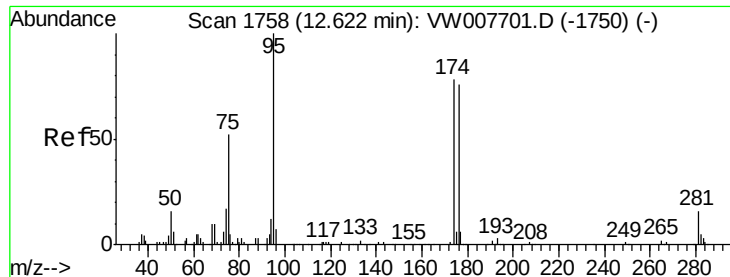
Tot Ion: 63 Resp: 374
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 58.405 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 6705
 Ion Ratio Lower Upper
 43 100
 58 2.8 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 22.342 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampled :

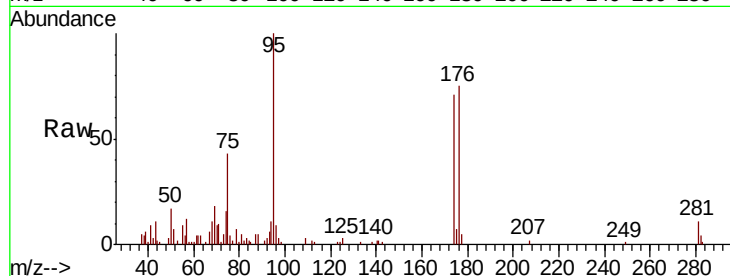
Tot Ion: 95 Resp: 10274

Ion Ratio Lower Upper

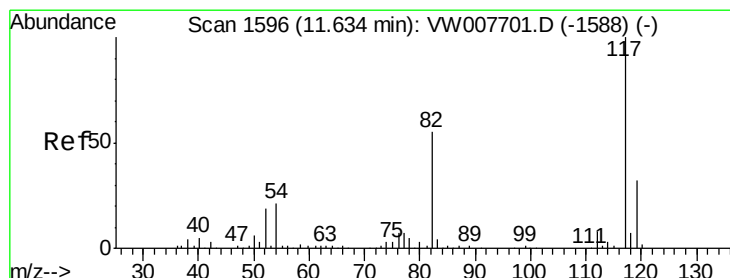
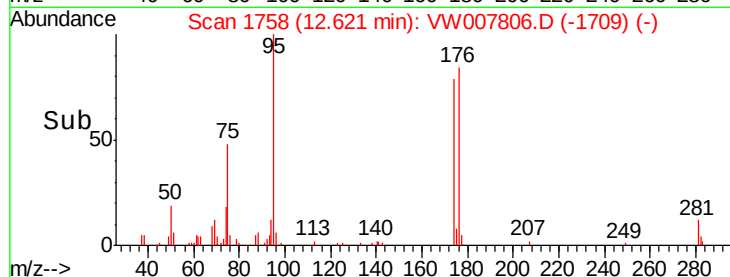
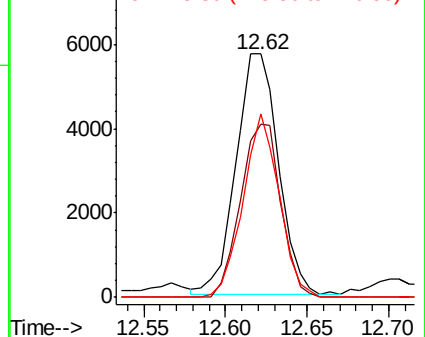
95 100

174 68.6 0.0 152.2

176 65.1 0.0 146.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

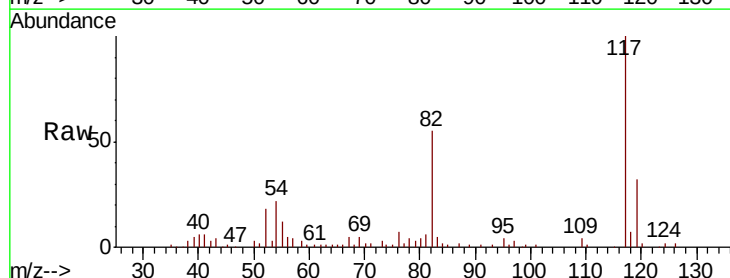
Tgt Ion: 117 Resp: 24141

Ion Ratio Lower Upper

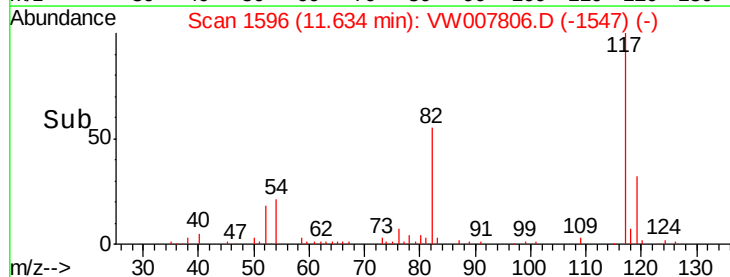
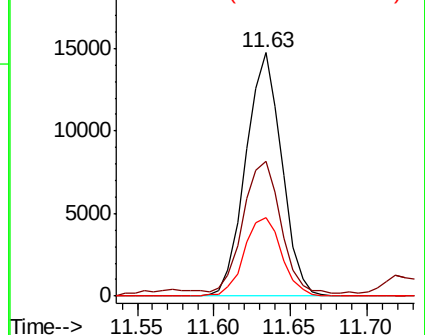
117 100

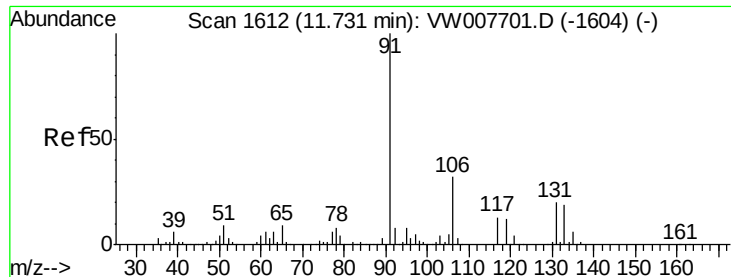
82 53.9 44.3 66.5

119 32.1 25.7 38.5



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

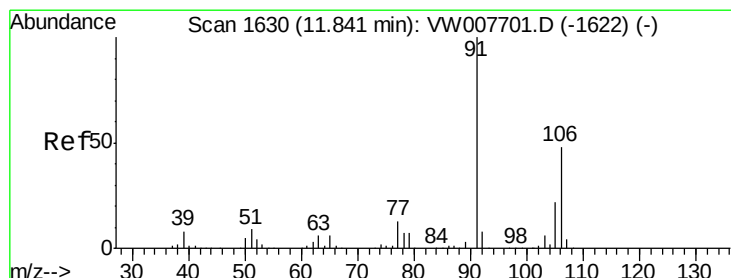
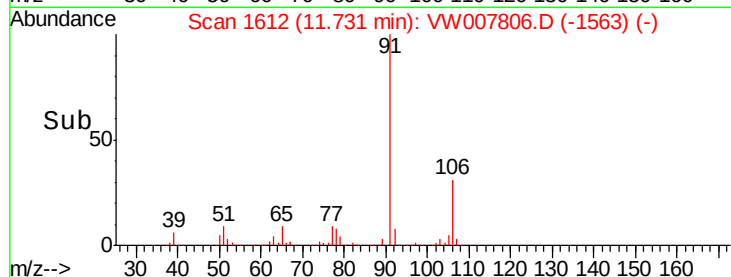
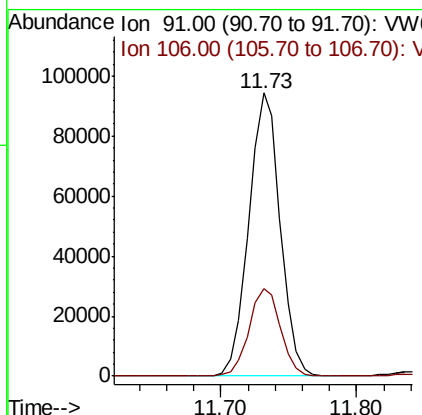
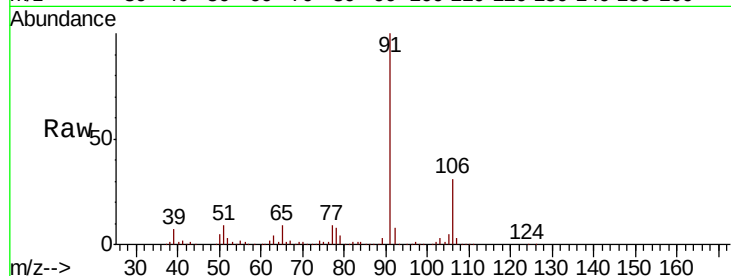




#67
Ethyl Benzene
Concen: 169.720 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

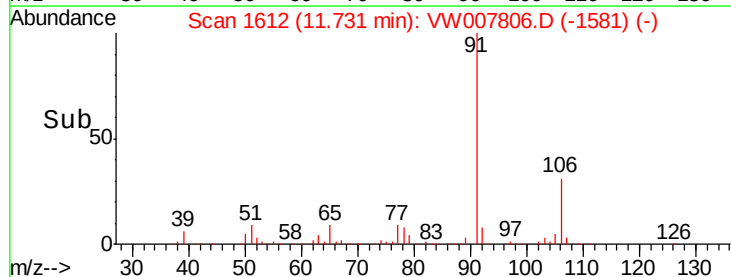
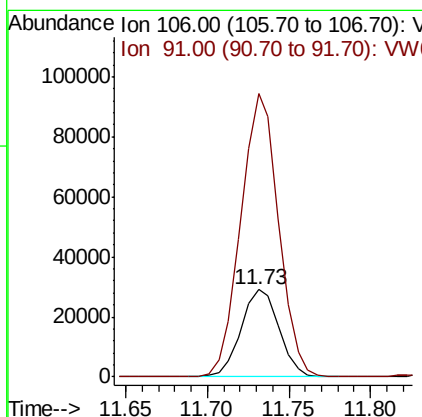
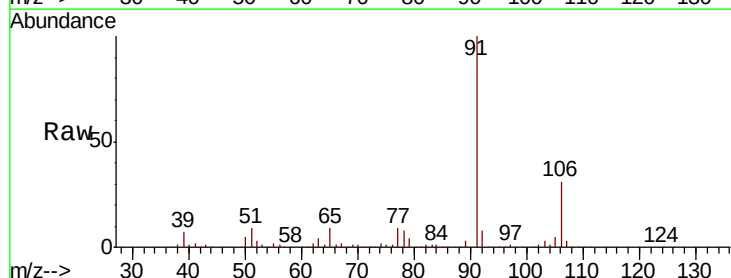
Instrument :
MSVOA_W
ClientSampled :

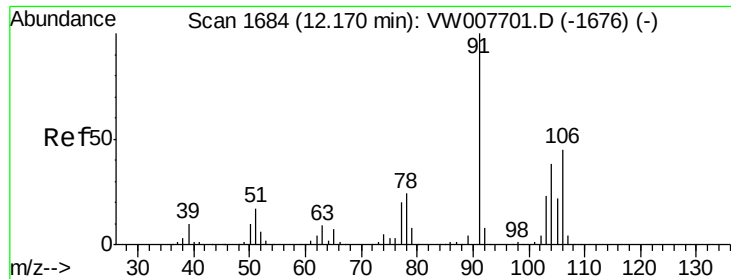
Tot Ion: 91 Resp: 152176
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8



#68
m/p-Xylenes
Concen: 135.701 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.11 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion:106 Resp: 47199
Ion Ratio Lower Upper
106 100
91 322.4 165.2 247.8#

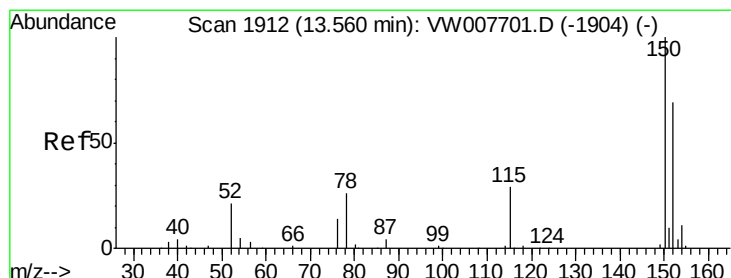
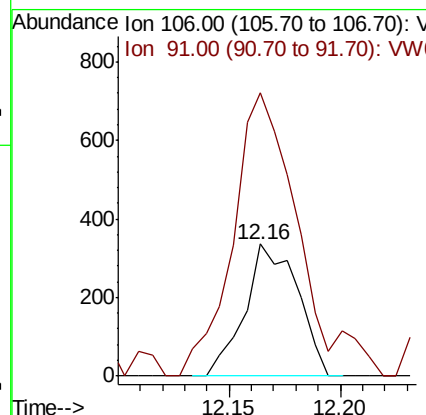
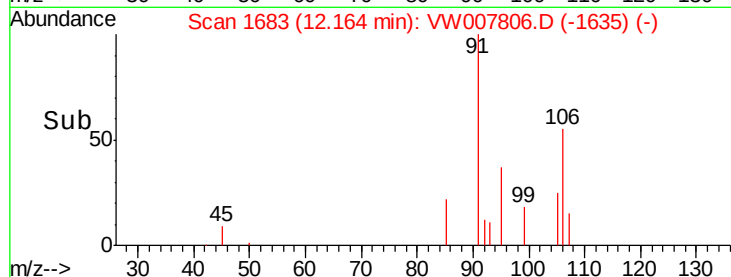
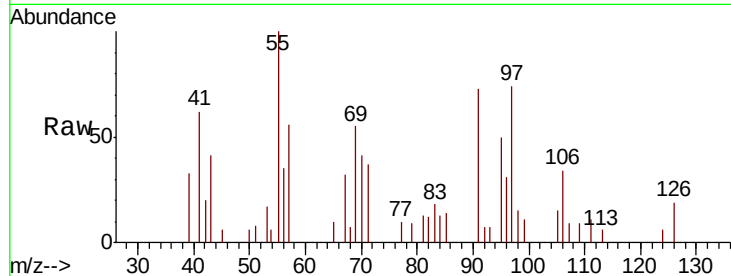




#69
o-Xylene
Concen: 1.699 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

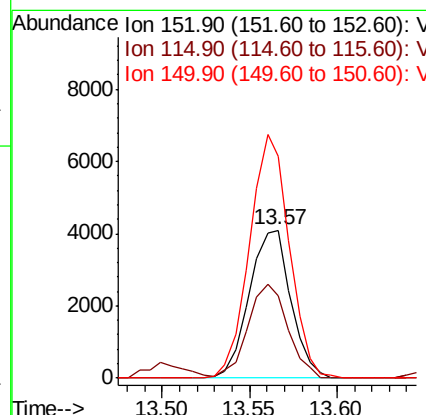
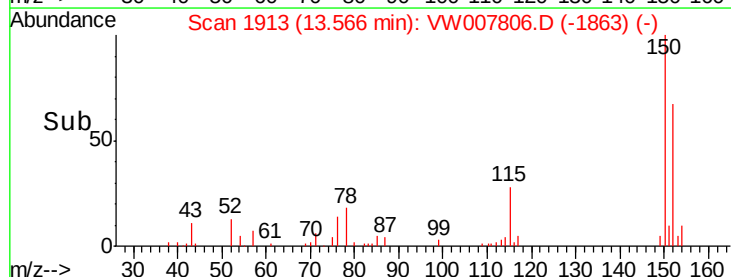
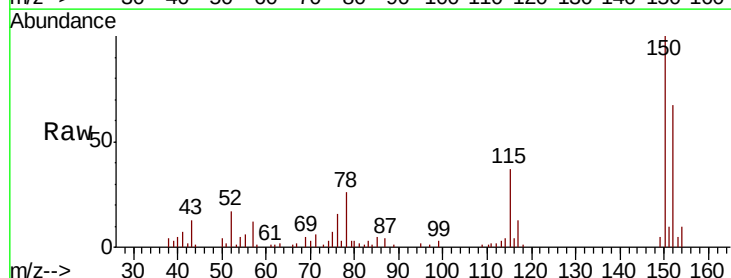
Instrument :
MSVOA_W
ClientSampled :

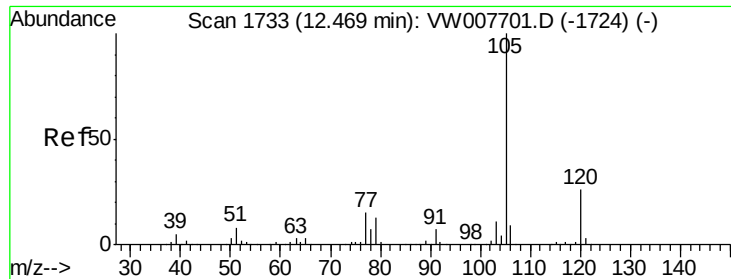
Tot Ion:106 Resp: 554
Ion Ratio Lower Upper
106 100
91 267.0 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion:152 Resp: 6799
Ion Ratio Lower Upper
152 100
115 60.6 31.8 95.4
150 156.4 0.0 350.8





#73

Isopropylbenzene

Concen: 111.173 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

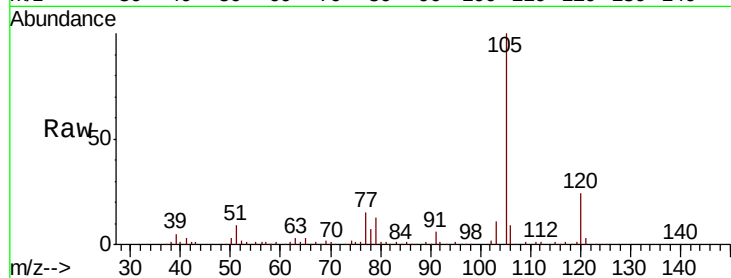
ClientSampleId :

Tot Ion:105 Resp: 57135

Ion Ratio Lower Upper

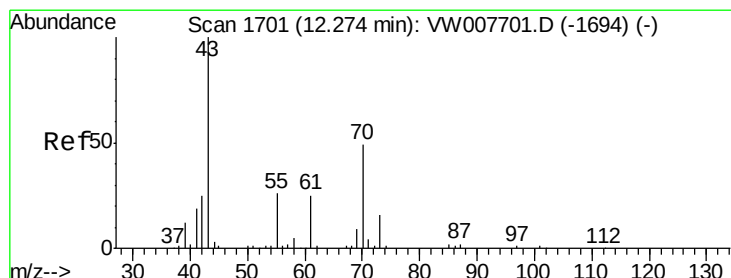
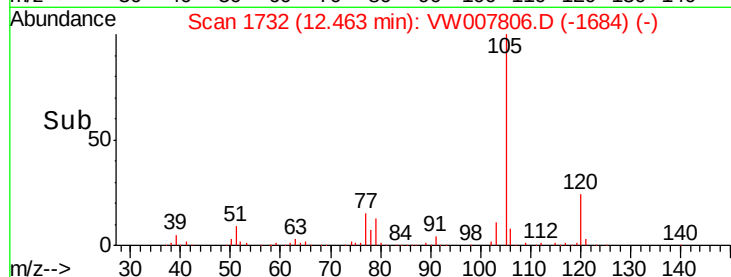
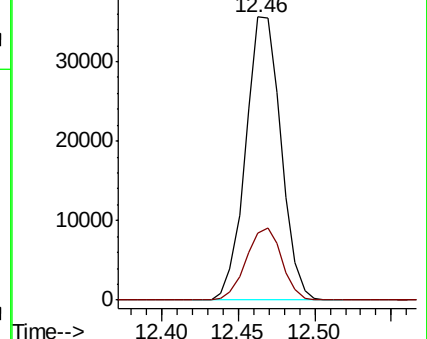
105 100

120 25.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 18.906 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Tgt Ion: 43 Resp: 1683

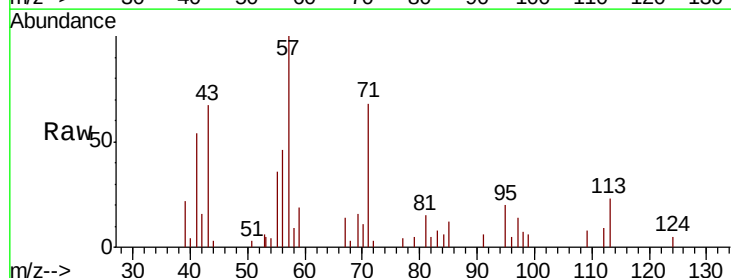
Ion Ratio Lower Upper

43 100

70 7.8 37.6 56.4#

55 31.0 21.7 32.5

61 0.0 20.1 30.1#

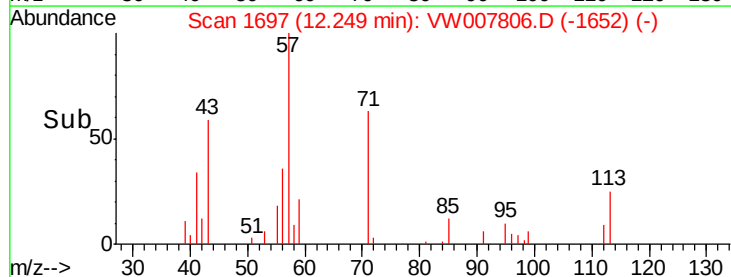
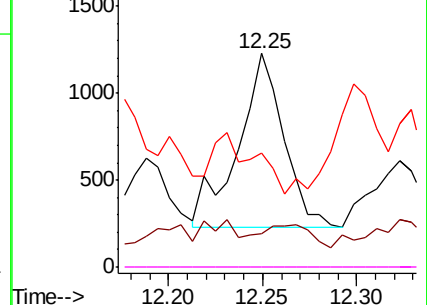


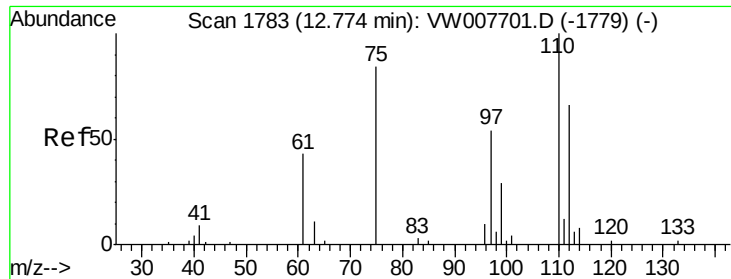
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 16.442 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

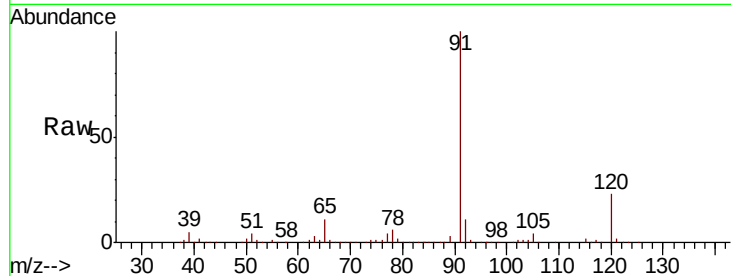
ClientSampleId :

Tot Ion: 75 Resp: 864

Ion Ratio Lower Upper

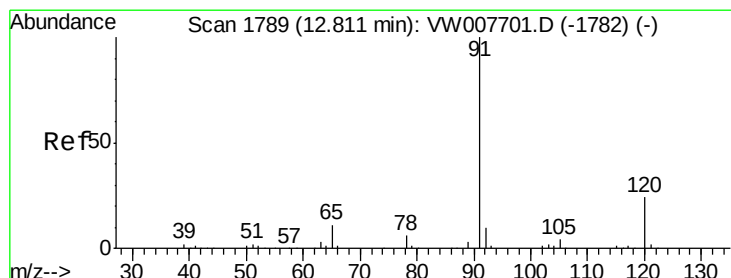
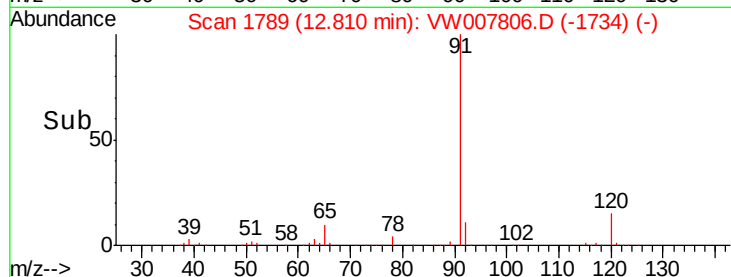
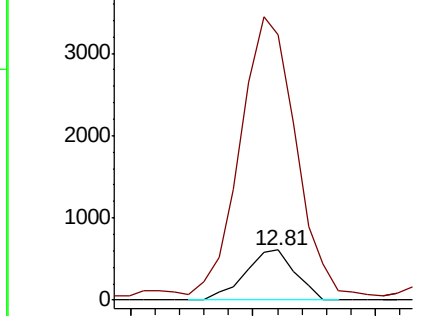
75 100

77 666.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 216.794 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007806.D

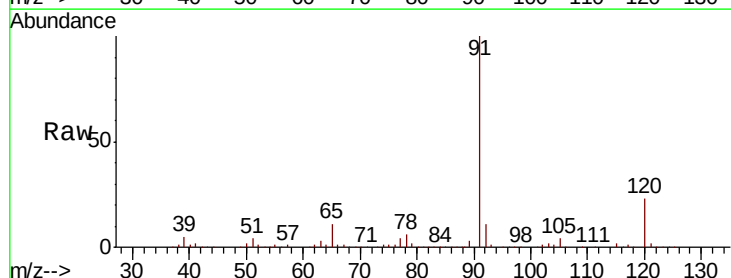
Acq: 21 Dec 2018 20:15

Tgt Ion: 91 Resp: 129696

Ion Ratio Lower Upper

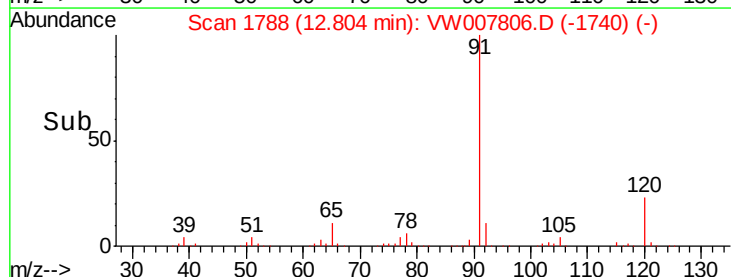
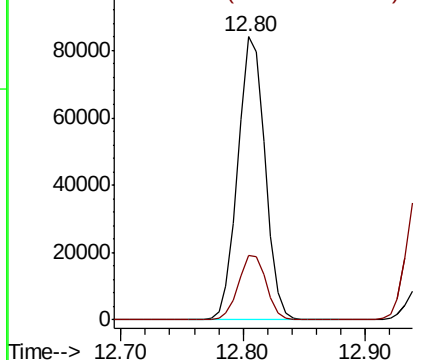
91 100

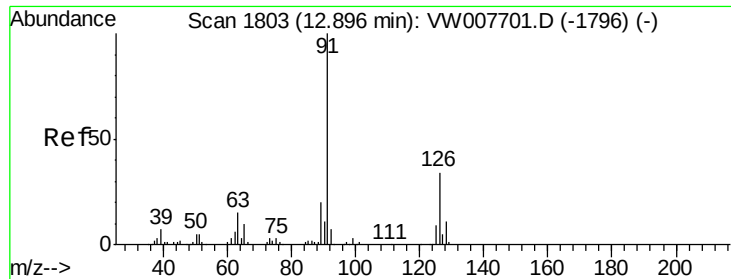
120 23.1 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.396 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

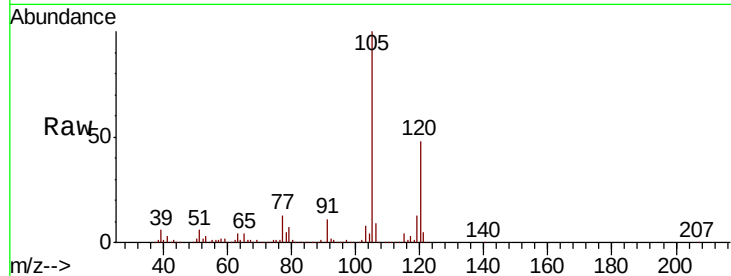
ClientSampled :

Tot Ion: 91 Resp: 17215

Ion Ratio Lower Upper

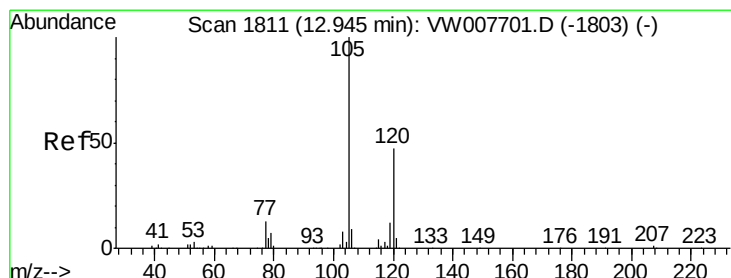
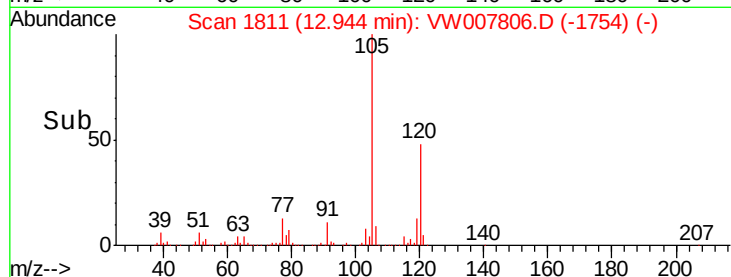
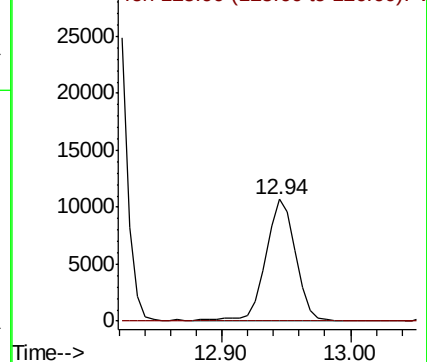
91 100

126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 356.966 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007806.D

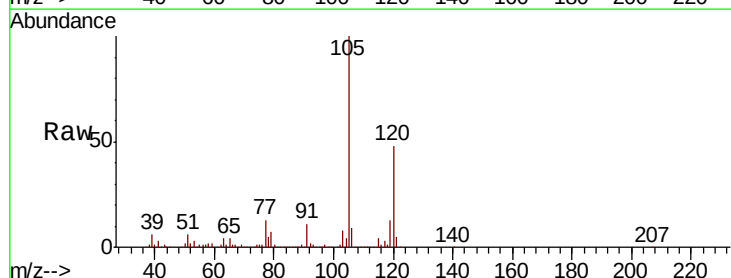
Acq: 21 Dec 2018 20:15

Tgt Ion:105 Resp: 158243

Ion Ratio Lower Upper

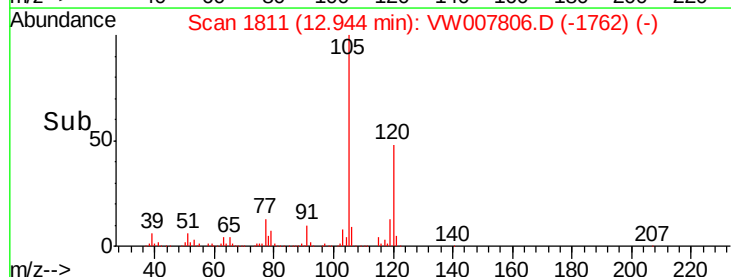
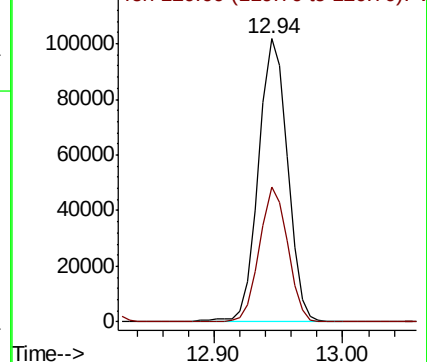
105 100

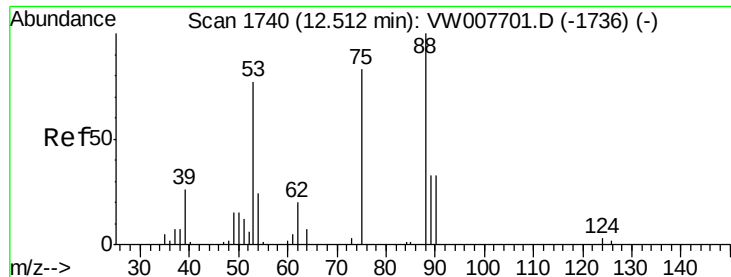
120 46.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

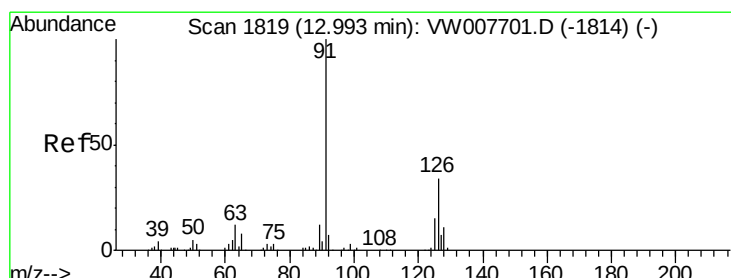
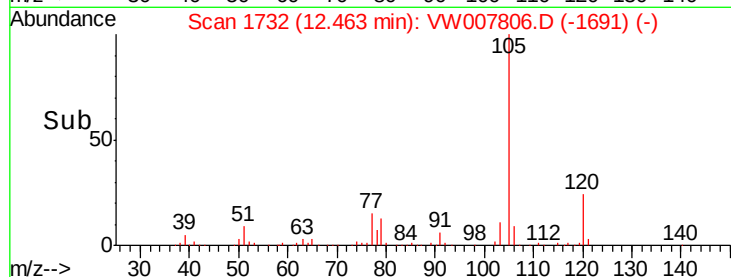
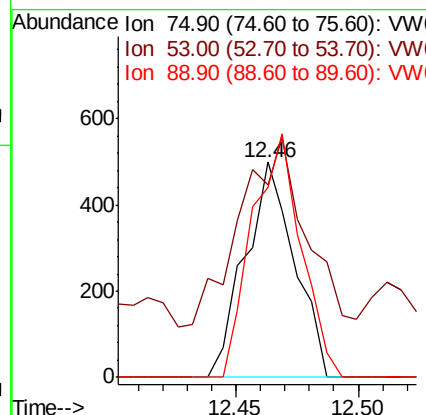
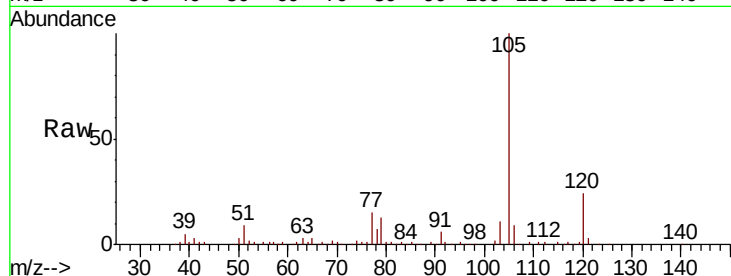




#81
trans-1,4-Dichloro-2-butene
Concen: 28.121 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.05 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

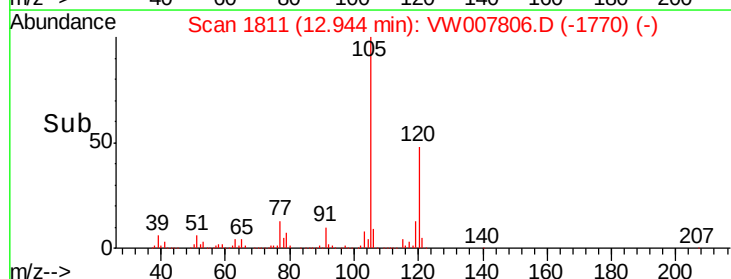
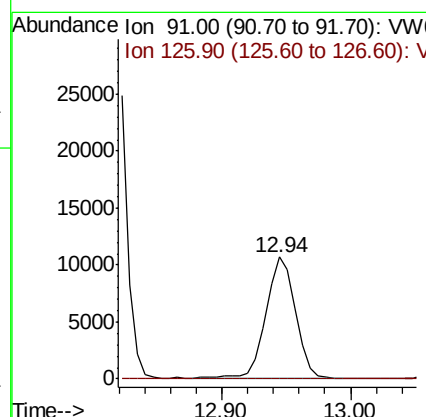
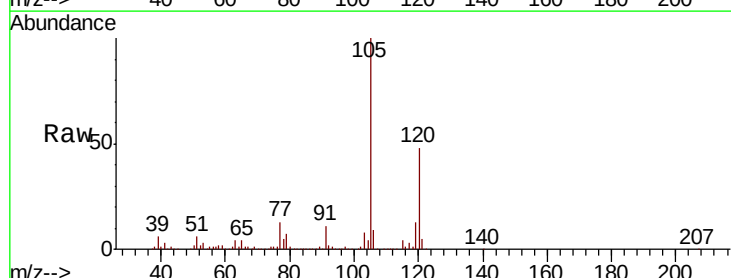
Instrument :
MSVOA_W
ClientSampleId :

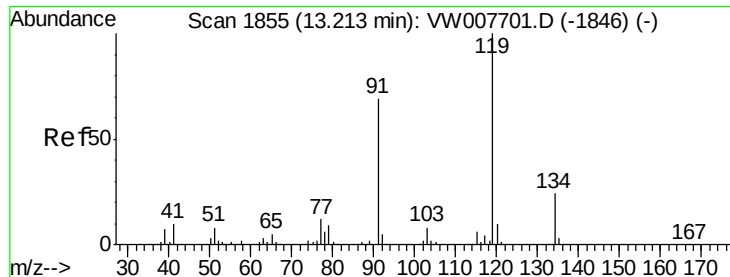
Tot Ion: 75 Resp: 704
Ion Ratio Lower Upper
75 100
53 117.8 80.2 120.2
89 112.1 39.2 58.8#



#82
4-Chlorotoluene
Concen: 46.392 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW007806.D
Acq: 21 Dec 2018 20:15

Tgt Ion: 91 Resp: 17215
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#

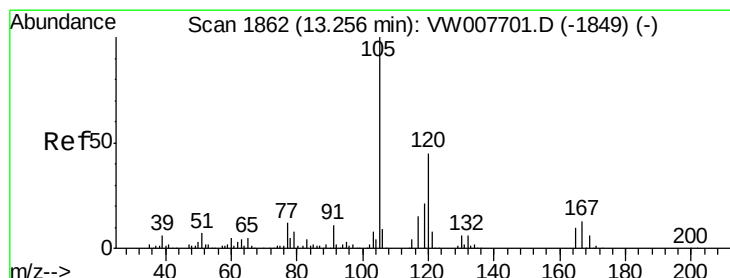
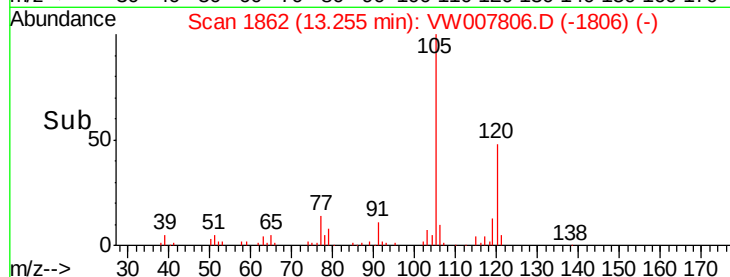
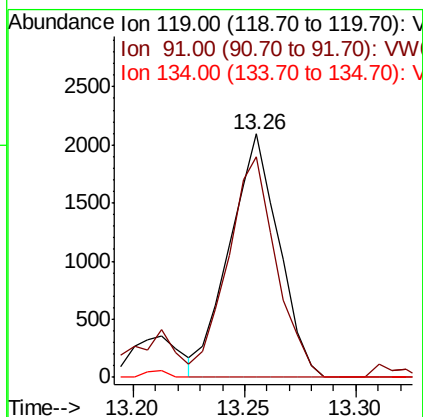
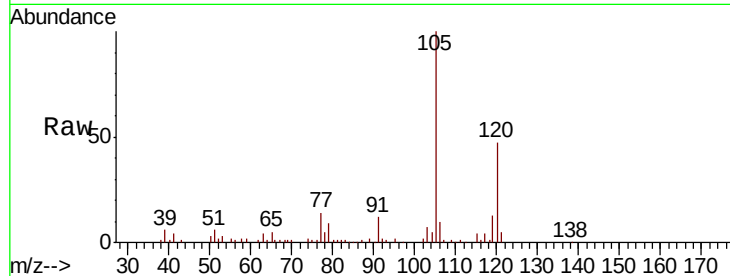




#83
 tert-Butylbenzene
 Concen: 8.266 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

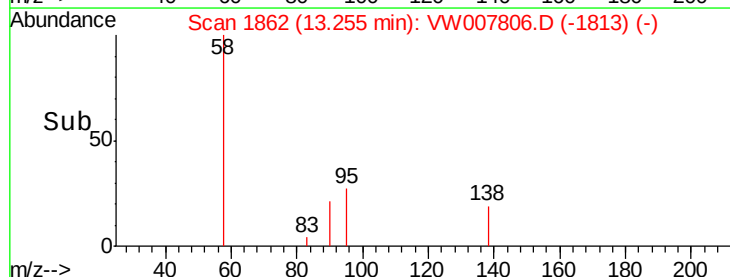
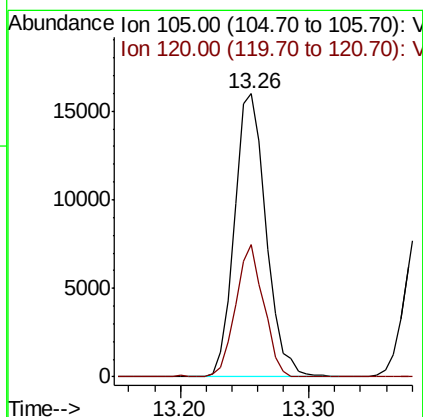
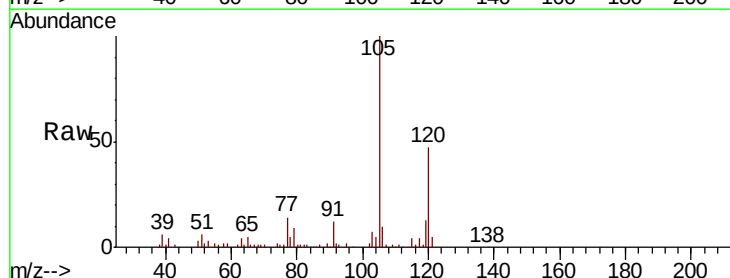
Instrument :
 MSVOA_W
 ClientSampled :

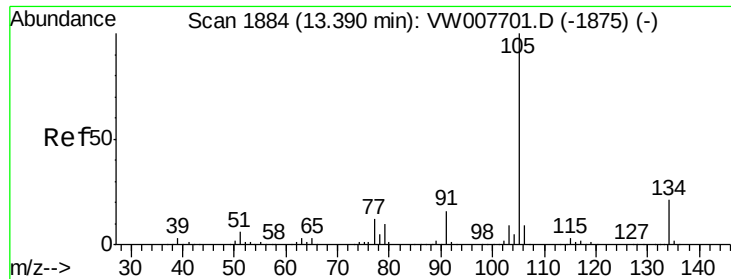
Tot Ion:119 Resp: 3215
 Ion Ratio Lower Upper
 119 100
 91 89.1 34.2 102.5
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 60.702 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion:105 Resp: 27153
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.0 66.0

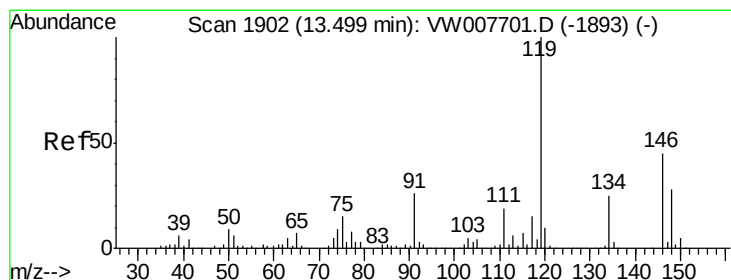
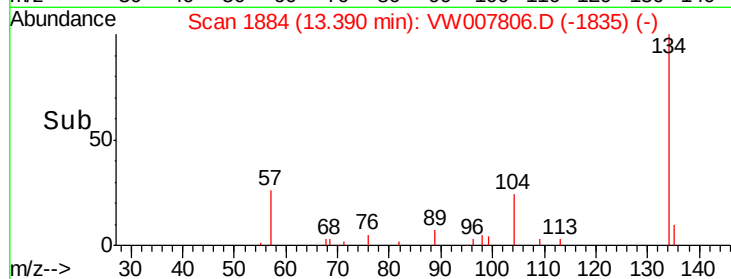
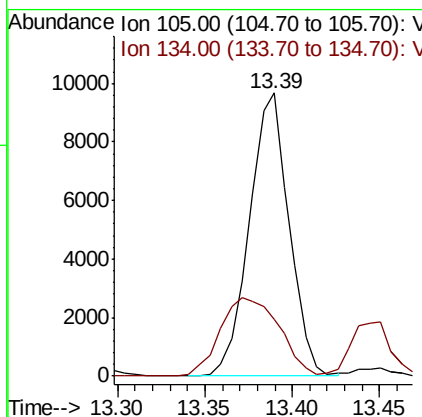
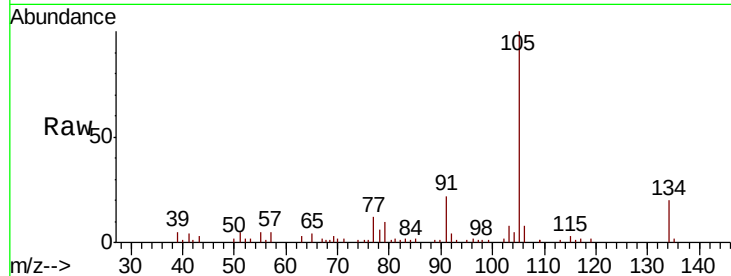




#85
 sec-Butylbenzene
 Concen: 28.717 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

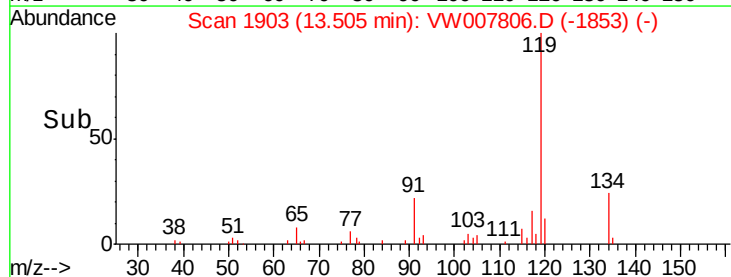
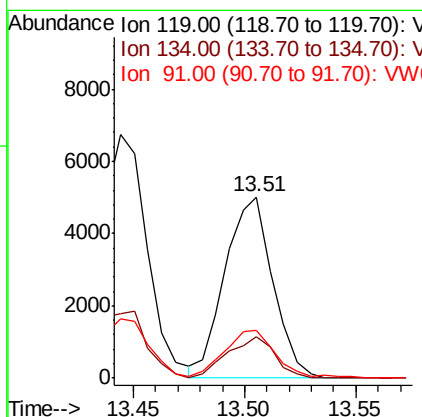
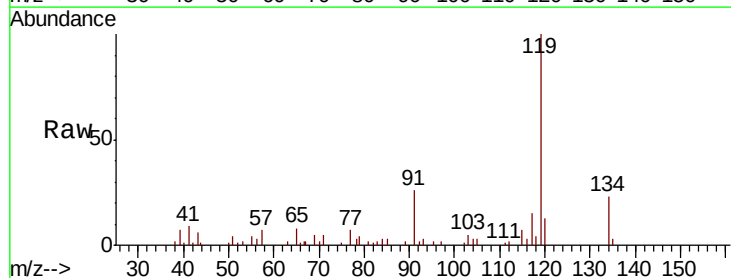
Instrument :
 MSVOA_W
 ClientSampled :

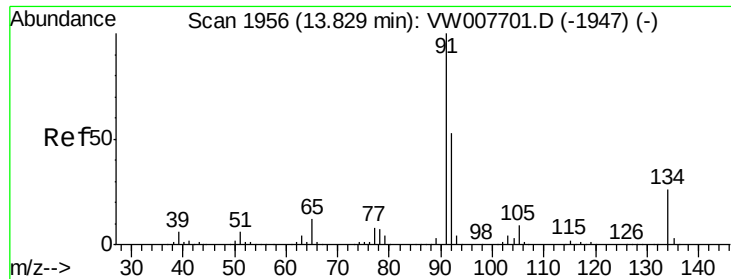
Tot Ion:105 Resp: 15394
 Ion Ratio Lower Upper
 105 100
 134 41.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 15.384 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007806.D
 Acq: 21 Dec 2018 20:15

Tgt Ion:119 Resp: 7499
 Ion Ratio Lower Upper
 119 100
 134 22.5 13.0 39.0
 91 28.8 12.8 38.4





#89

n-Butylbenzene

Concen: 67.678 ug/l

RT: 13.79 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampled :

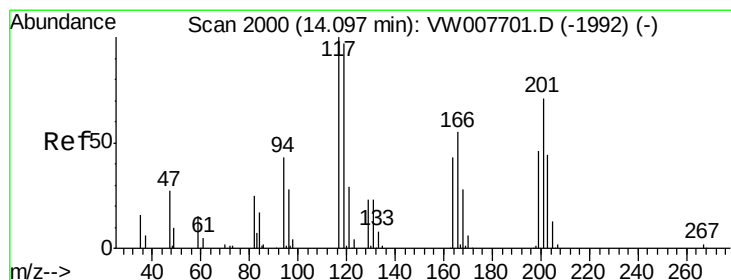
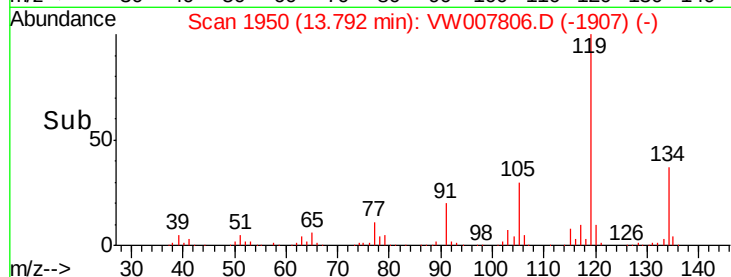
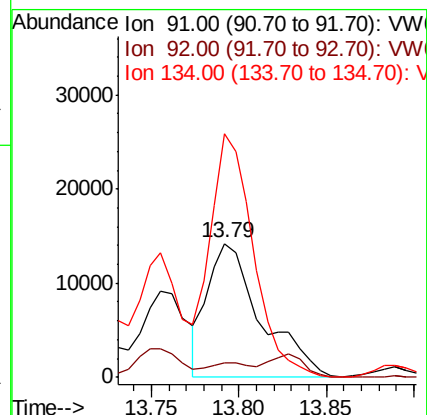
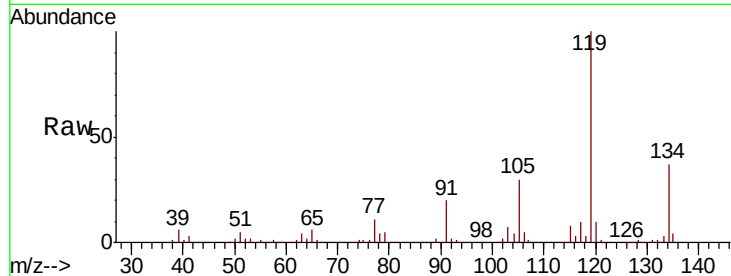
Tot Ion: 91 Resp: 30247

Ion Ratio Lower Upper

91 100

92 5.7 26.4 79.2#

134 146.0 13.7 41.0#



#90

Hexachloroethane

Concen: 115.849 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007806.D

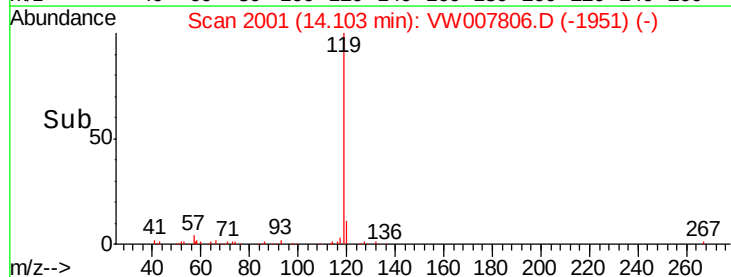
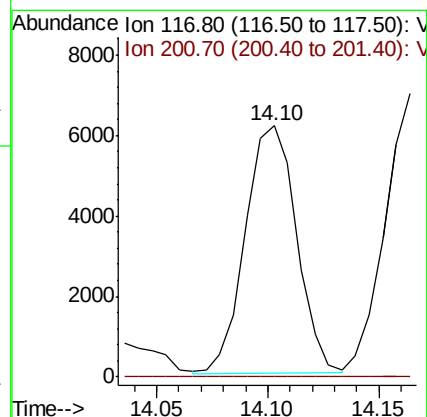
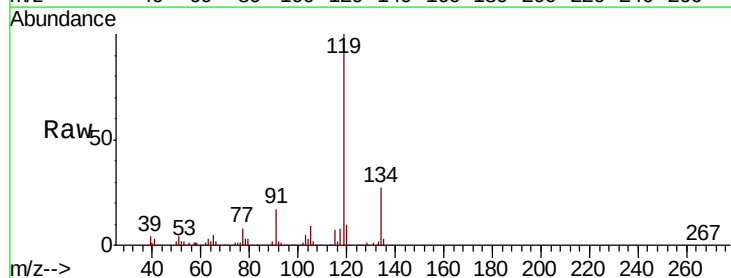
Acq: 21 Dec 2018 20:15

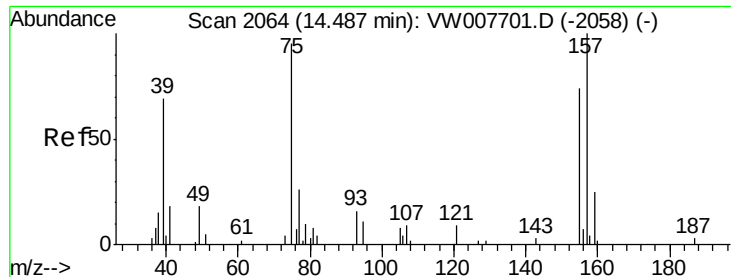
Tgt Ion: 117 Resp: 9914

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.419 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

Instrument :

MSVOA_W

ClientSampled :

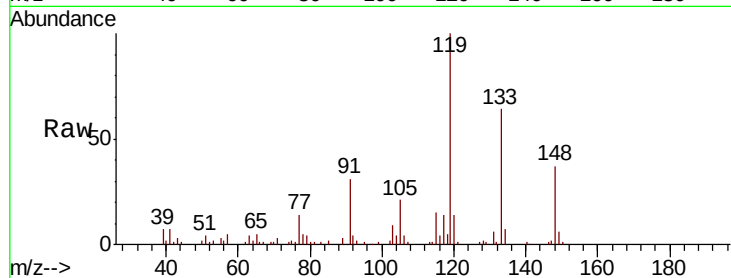
Tot Ion: 75 Resp: 244

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

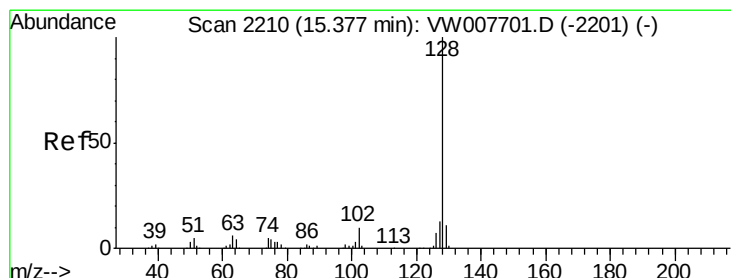
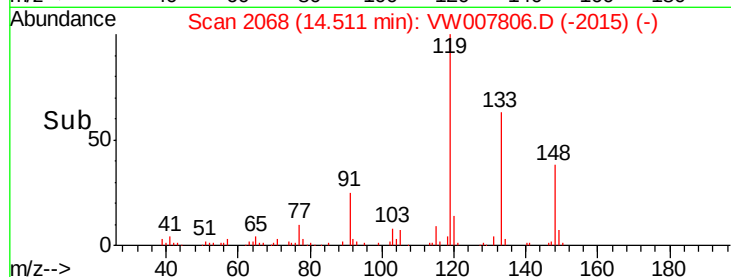
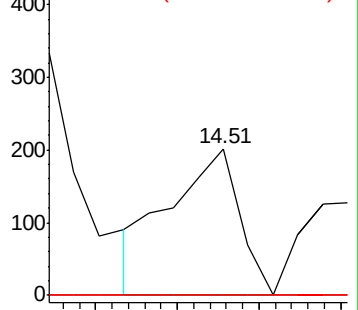
157 0.0 52.0 156.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 17.793 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007806.D

Acq: 21 Dec 2018 20:15

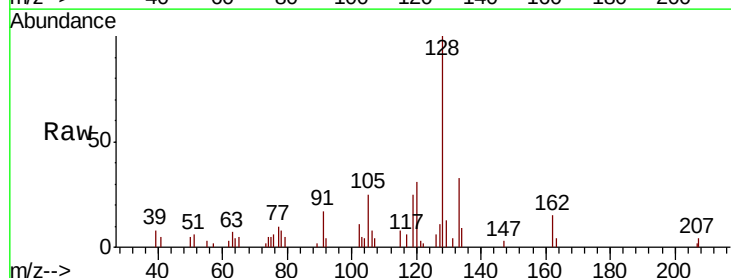
Tgt Ion:128 Resp: 4781

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 12.0 8.8 13.2



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

