

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006955.D
 Acq On : 19 Nov 2018 20:59
 Operator : SY/AP
 Sample : J5981-02
 Misc : 4.51G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)RE

Quant Time: Nov 20 04:35:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	38183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	52951	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	7.89	113	50364	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
50) Toluene-d8	10.33	98	196449	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	56672	36.85	ug/l	0.00
Spiked Amount			Recovery	=	73.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	162	2.074	ug/l #	71
16) Acetone	4.15	43	14196	90.383	ug/l	95
17) Carbon Disulfide	4.38	76	10284	3.829	ug/l	97
20) Methylene Chloride	4.92	84	7312	3.630	ug/l	96
25) 2-Butanone	7.18	43	4421	16.948	ug/l #	89
31) Cyclohexane	7.96	56	4495	2.556	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	7121	4.769	ug/l #	49
37) Ethyl Acetate	7.18	43	4421	6.963	ug/l #	68
38) Carbon Tetrachloride	7.95	117	9469	6.452	ug/l #	16
39) Methylcyclohexane	9.34	83	13714	7.400	ug/l	98
40) Benzene	8.33	78	6088141	1442.544	ug/l	100
42) 1,2-Dichloroethane	8.33	62	54359	43.025	ug/l #	75
48) Methyl methacrylate	9.39	41	3448	5.865	ug/l #	43
51) 4-Methyl-2-Pentanone	10.32	43	5406	9.003	ug/l	89
52) Toluene	10.39	92	1893681	670.688	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	22720	16.354	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	16519	20.751	ug/l #	22
56) Ethyl methacrylate	10.63	69	4928	4.979	ug/l #	24
59) 2-Hexanone	10.94	43	25067	62.378	ug/l #	30
67) Ethyl Benzene	11.74	91	4055408	840.397	ug/l	97
68) m/p-Xylenes	11.84	106	2250548	1197.649	ug/l	100
69) o-Xylene	12.17	106	1037276	581.595	ug/l	100
70) Styrene	12.18	104	567825	197.979	ug/l #	80
73) Isopropylbenzene	12.47	105	109144	36.094	ug/l	99
74) N-amyl acetate	12.26	43	13106	21.656	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.79	83	1505	3.384	ug/l #	57
76) 1,2,3-Trichloropropane	12.75	75	825	2.689	ug/l #	100
78) n-propylbenzene	12.81	91	109315	30.085	ug/l	100
79) 2-Chlorotoluene	13.12	91	48634	22.839	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	615848	236.519	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.46	75	1387	10.290	ug/l #	61
82) 4-Chlorotoluene	13.12	91	48634	21.662	ug/l	94
83) tert-Butylbenzene	13.26	119	182196	82.398	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.26	105	1466804	560.749	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

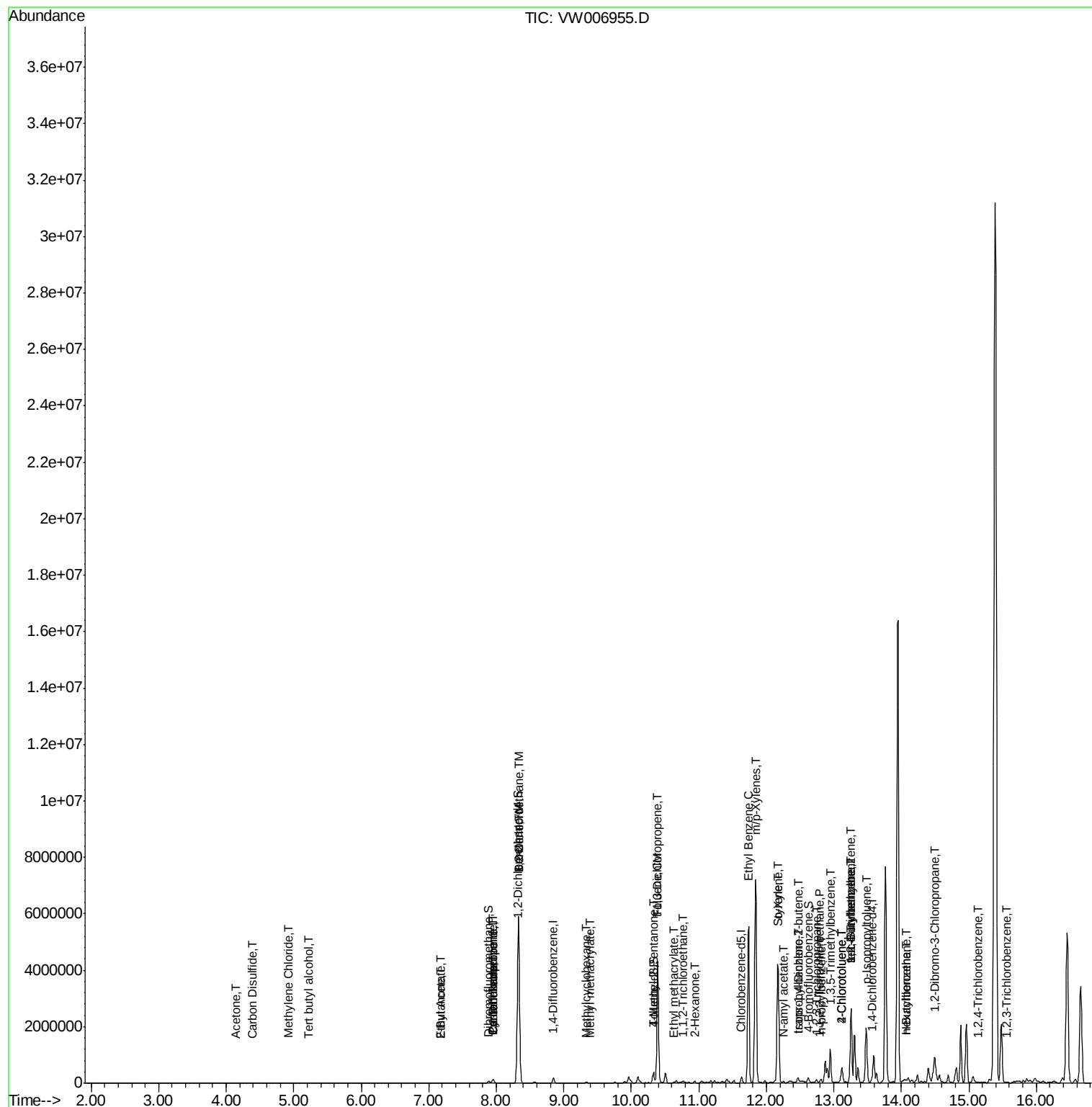
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.26	105	1466804	464.907	uq/l #	57
86) p-Isopropyltoluene	13.48	119	147603	53.529	uq/l #	65
89) n-Butylbenzene	14.07	91	28859	11.056	uq/l	84
90) Hexachloroethane	14.07	117	56733	126.205	uq/l #	16
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23524	305.615	uq/l #	5
93) 1,2,4-Trichlorobenzene	15.15	180	2878	3.903	uq/l #	71
96) 1,2,3-Trichlorobenzene	15.56	180	763	1.207	uq/l #	81

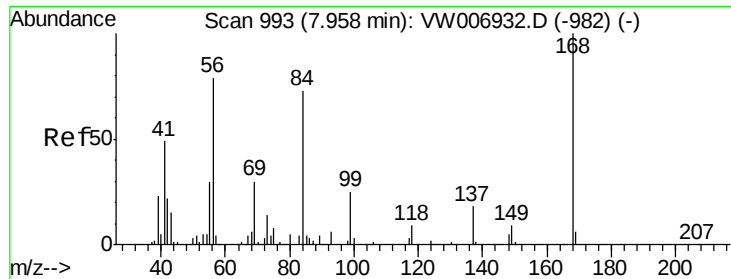
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112018\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

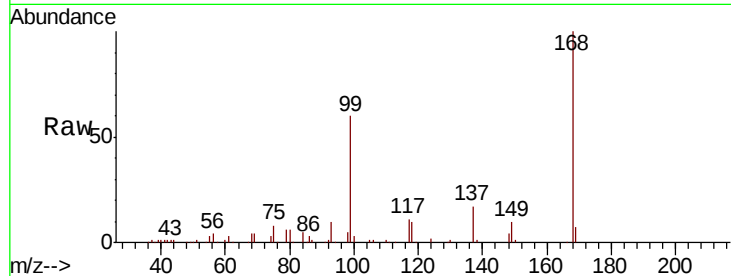
DTW-02(11-13)RE

Tot Ion:168 Resp: 92140

Ion Ratio Lower Upper

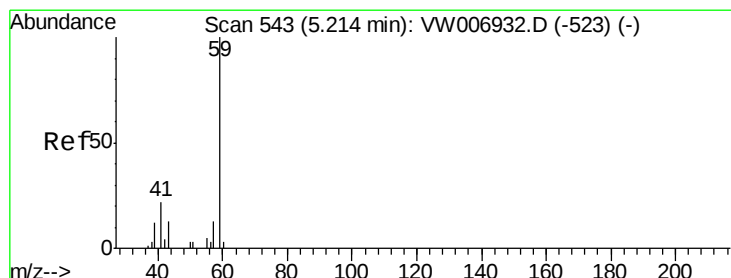
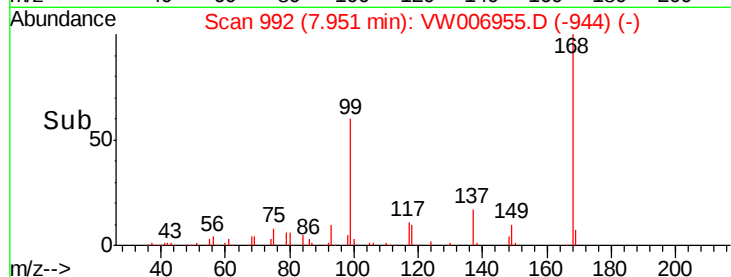
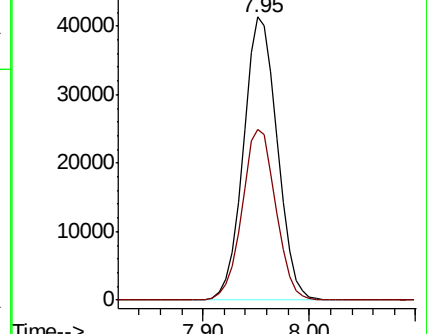
168 100

99 60.4 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.074 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW006955.D

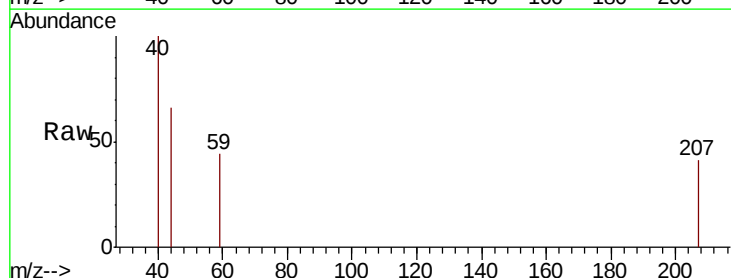
Acq: 19 Nov 2018 20:59

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

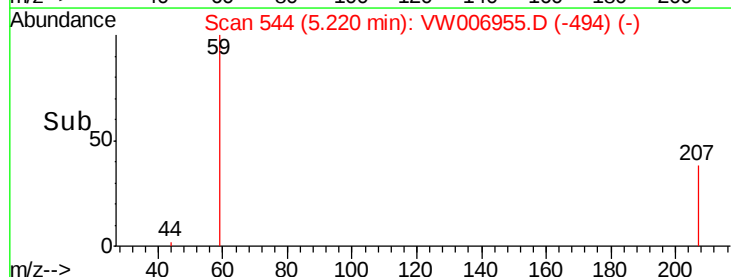
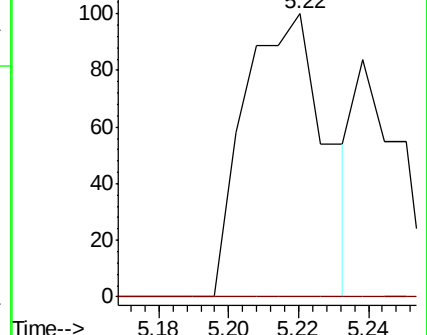
59 100

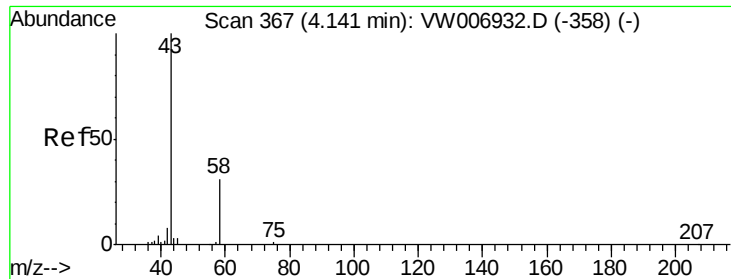
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 90.383 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

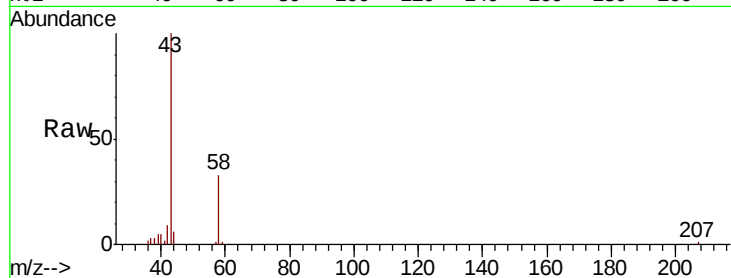
DTW-02(11-13)RE

Tot Ion: 43 Resp: 14196

Ion Ratio Lower Upper

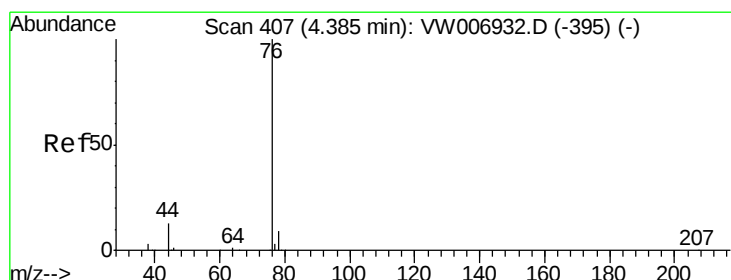
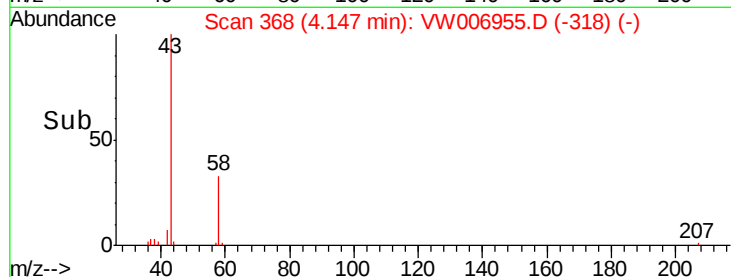
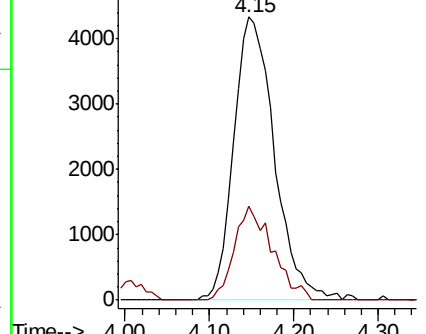
43 100

58 33.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 3.829 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006955.D

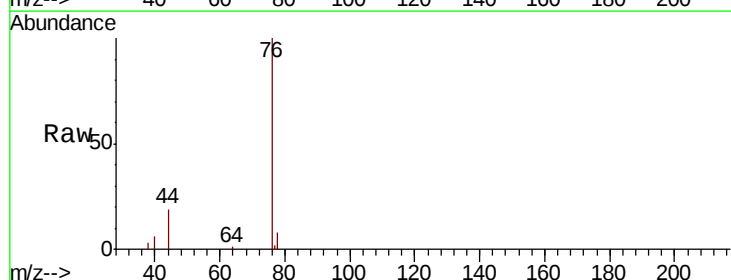
Acq: 19 Nov 2018 20:59

Tgt Ion: 76 Resp: 10284

Ion Ratio Lower Upper

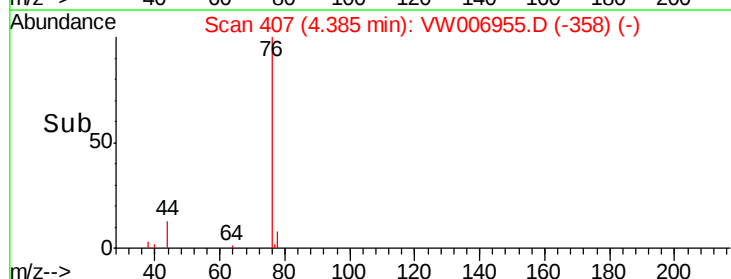
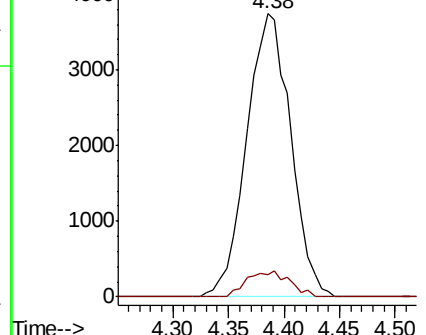
76 100

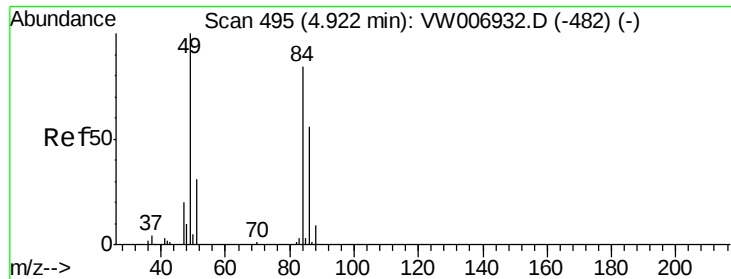
78 7.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

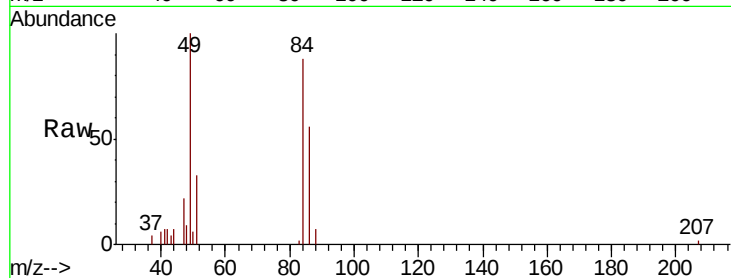




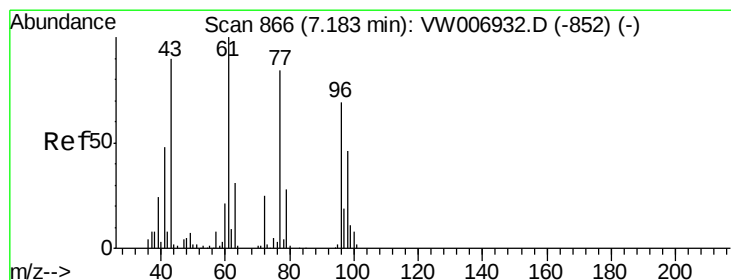
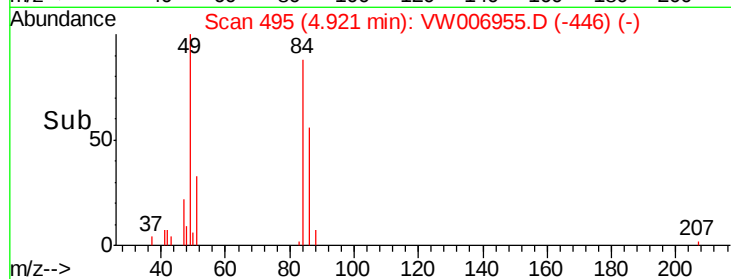
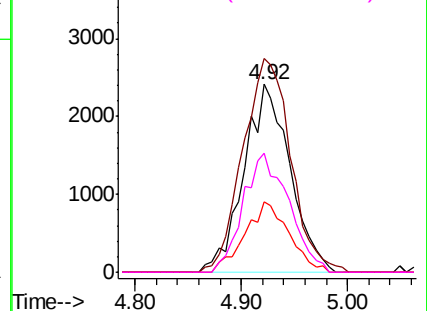
#20
Methvlene Chloride
Concen: 3.630 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

Tot Ion:	84	Resp:	7312
Ion	Ratio	Lower	Upper
84	100		
49	113.8	95.4	143.2
51	37.7	29.5	44.3
86	63.7	53.4	80.2

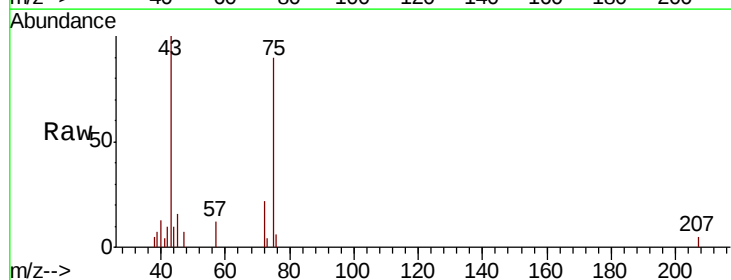


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

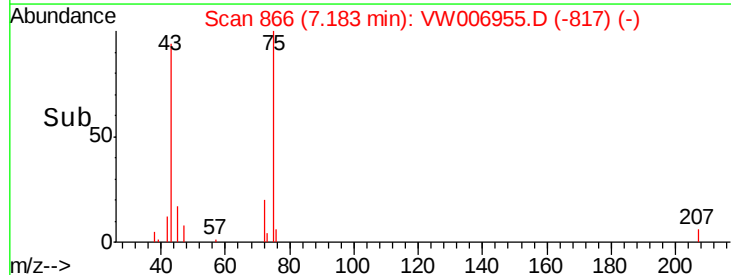
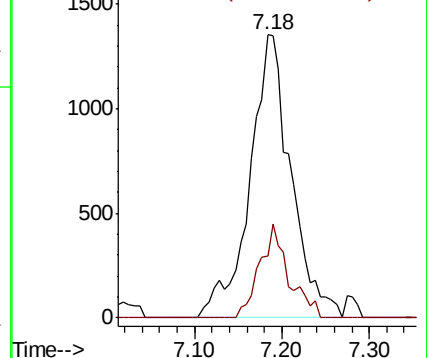


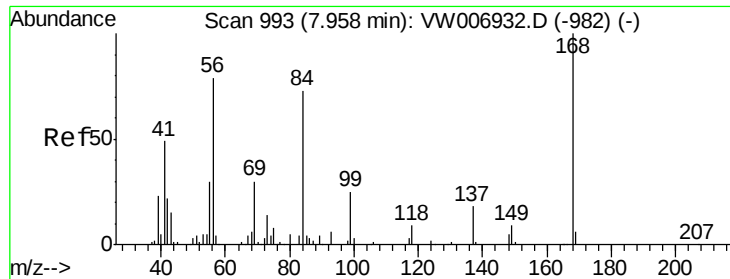
#25
2-Butanone
Concen: 16.948 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion:	43	Resp:	4421
Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.1	33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

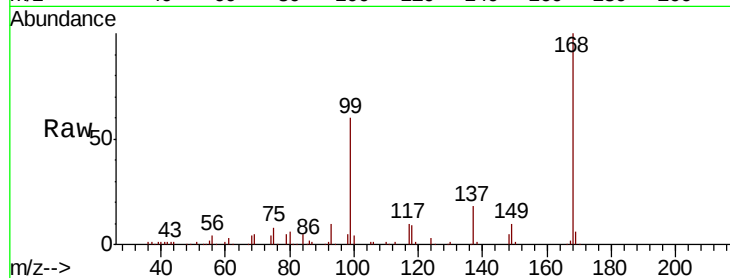




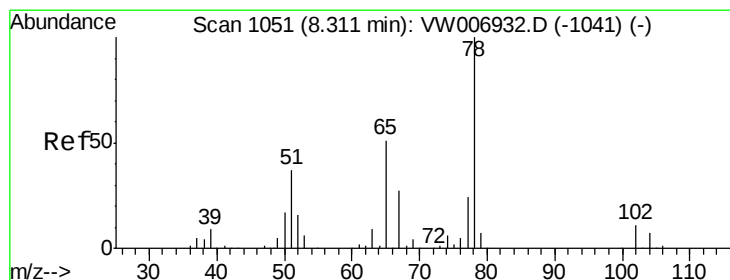
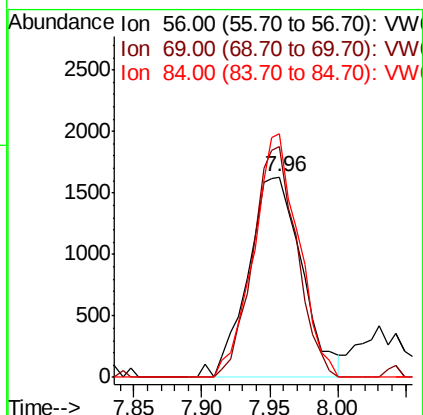
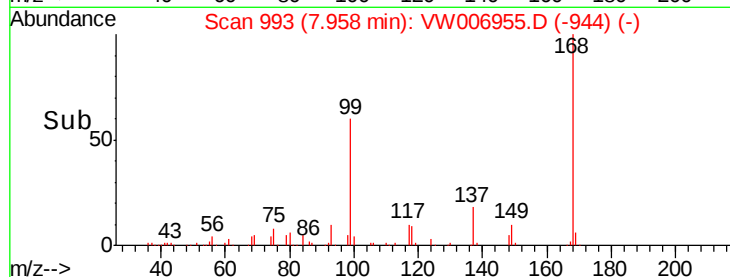
#31
Cyclohexane
Concen: 2.556 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Instrument :
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DTW-02(11-13)RE

Tot Ion: 56 Resp: 4495
Ion Ratio Lower Upper
56 100
69 115.4 30.2 45.2#
84 121.6 73.6 110.4#

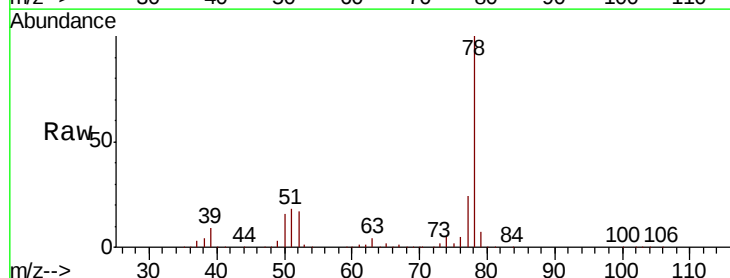


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

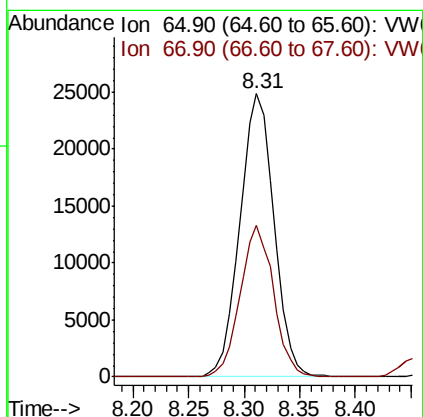
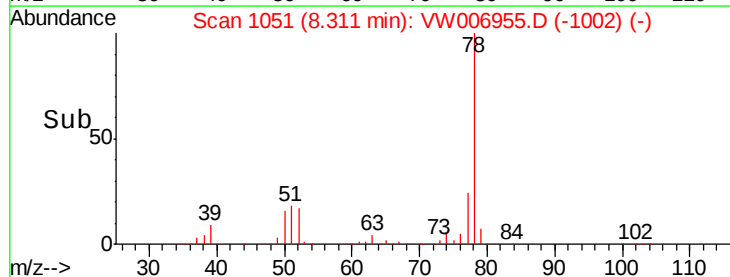


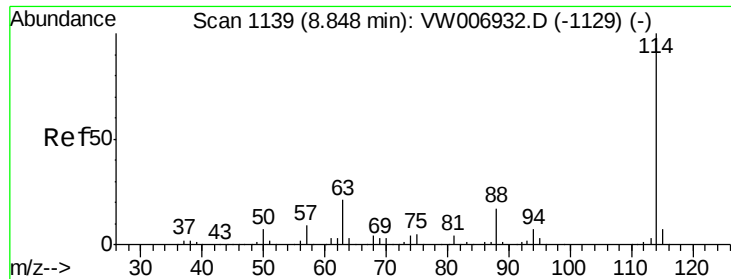
#33
1,2-Dichloroethane-d4
Concen: 51.566 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion: 65 Resp: 52951
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0



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

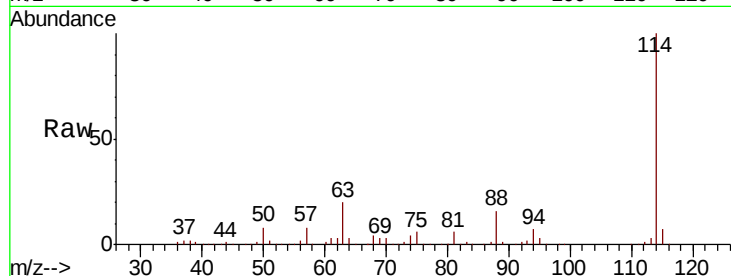




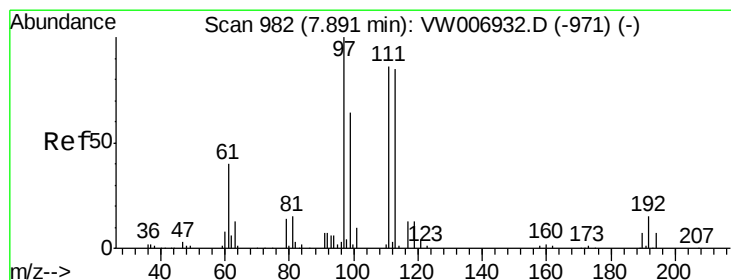
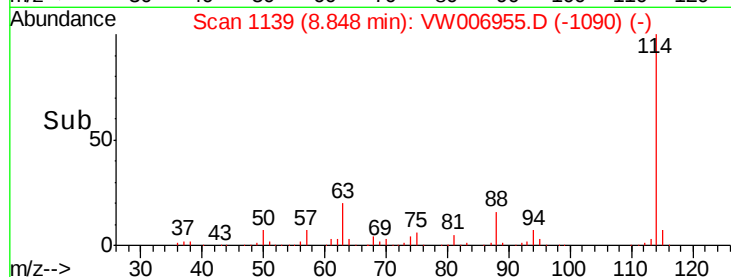
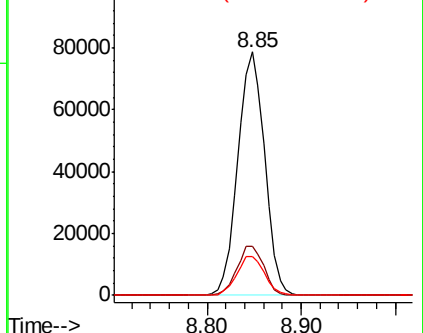
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Instrument :
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 DTW-02(11-13)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.2
88	16.1	0.0	33.4

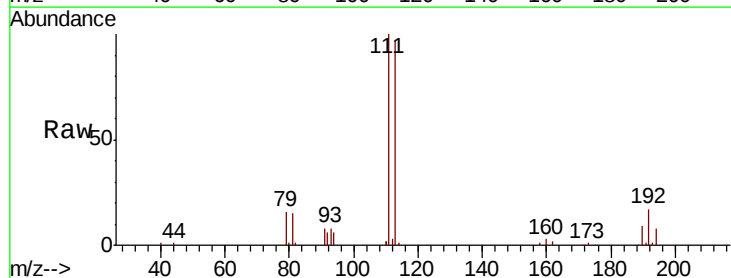


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

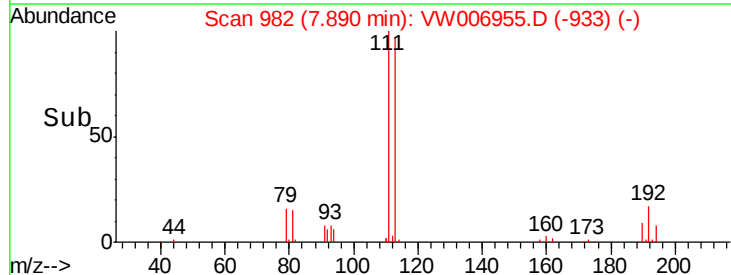
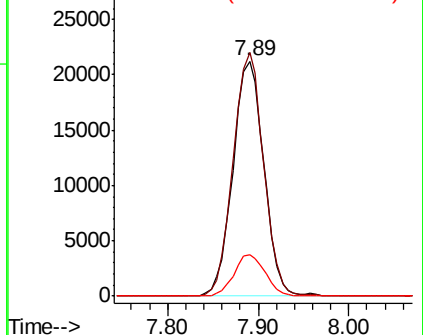


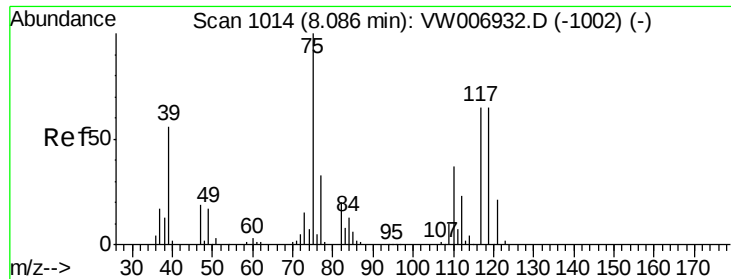
#35
 Dibromofluoromethane
 Concen: 54.873 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	17.7	13.9	20.9



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: 4.769 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

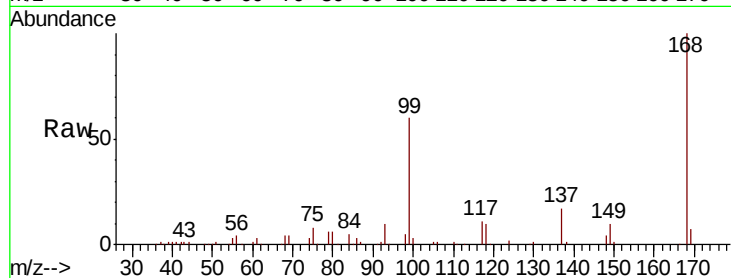
Tot Ion: 75 Resp: 7121

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.1#

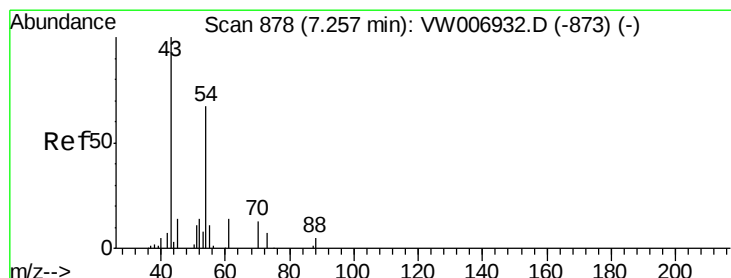
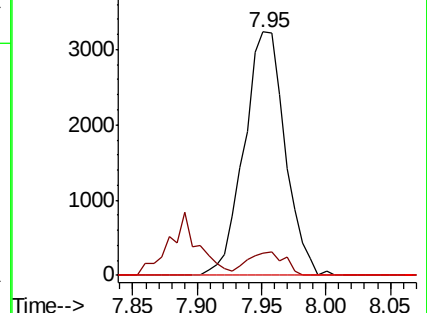
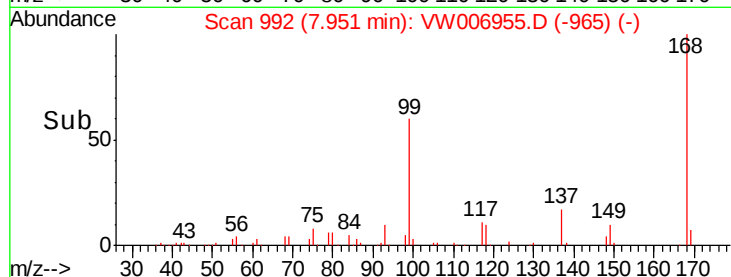
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 6.963 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

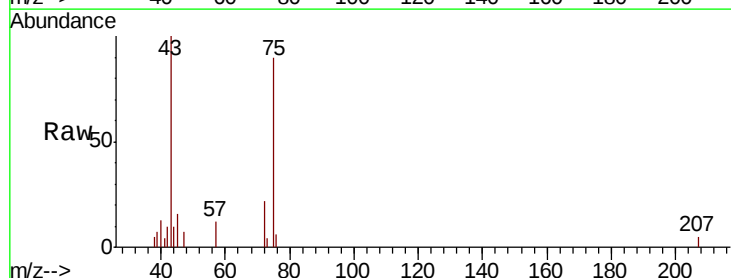
Tgt Ion: 43 Resp: 4421

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

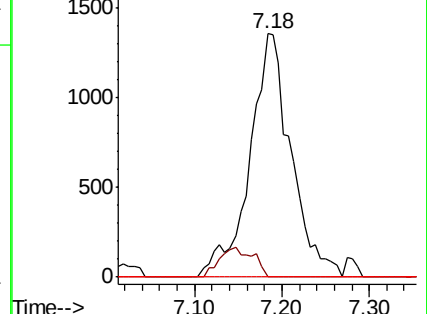
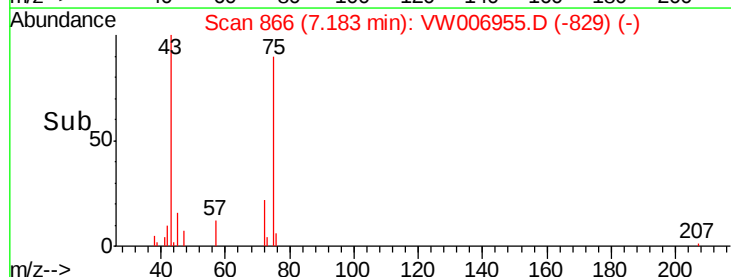
70 0.0 8.8 13.2#

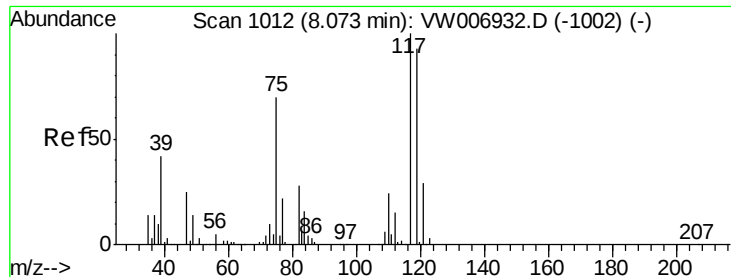


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 6.452 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

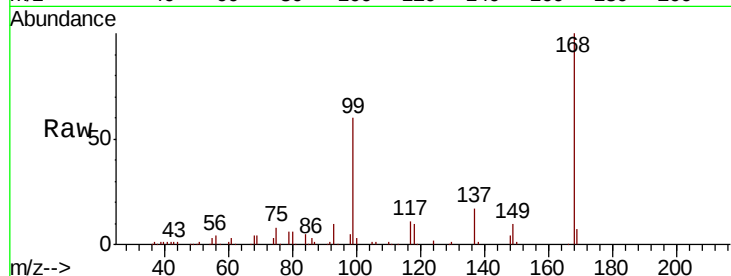
Tot Ion:117 Resp: 9469

Ion Ratio Lower Upper

117 100

119 3.6 74.2 111.4#

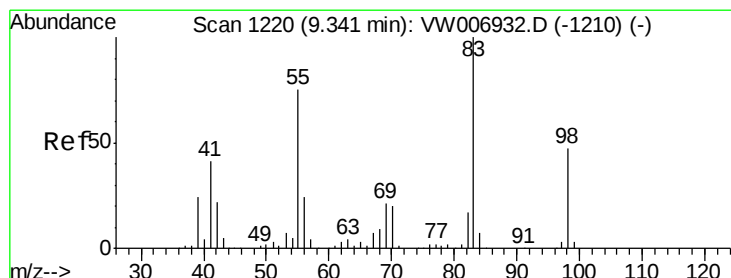
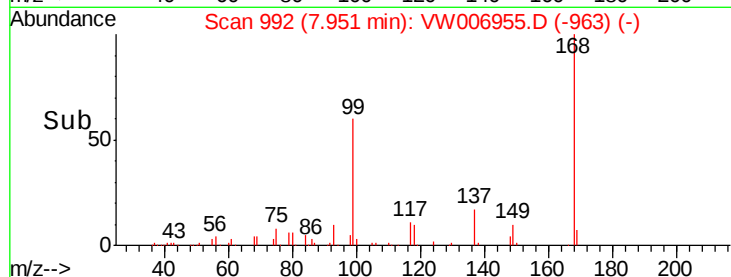
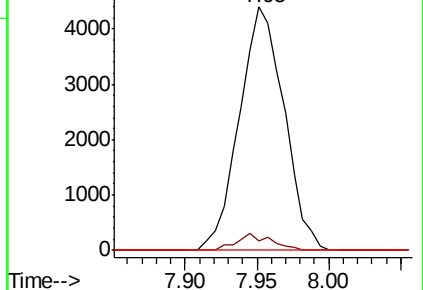
121 0.0 23.5 35.3#



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

Methylcyclohexane

Concen: 7.400 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

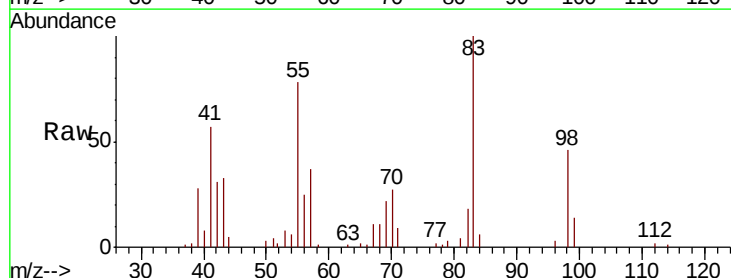
Tgt Ion: 83 Resp: 13714

Ion Ratio Lower Upper

83 100

55 78.0 60.2 90.4

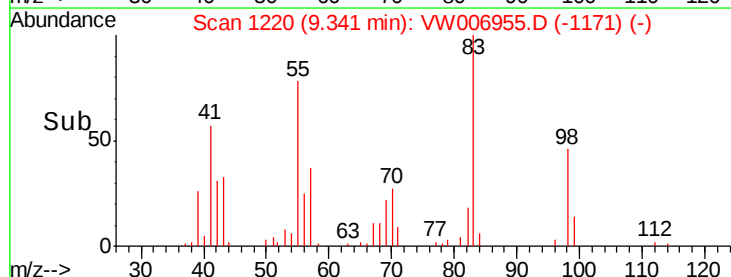
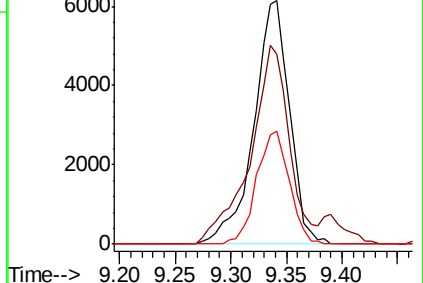
98 46.3 37.3 55.9

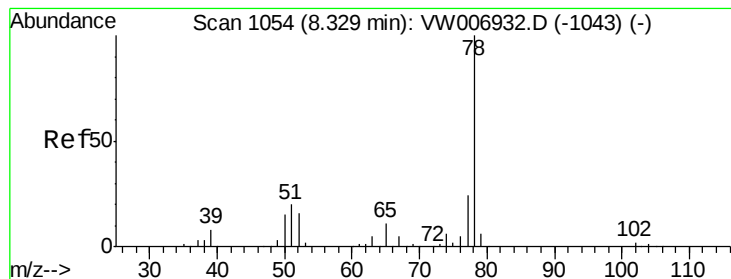


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 1442.544 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

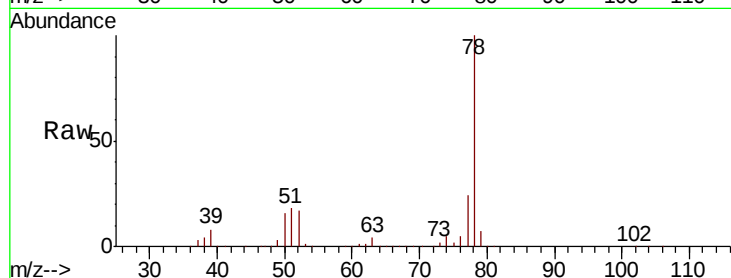
DTW-02(11-13)RE

Tot Ion: 78 Resp: 6088141

Ion Ratio Lower Upper

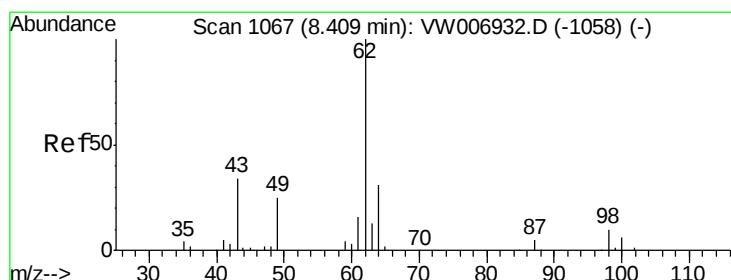
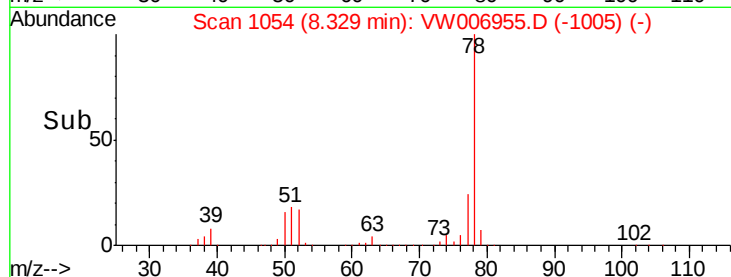
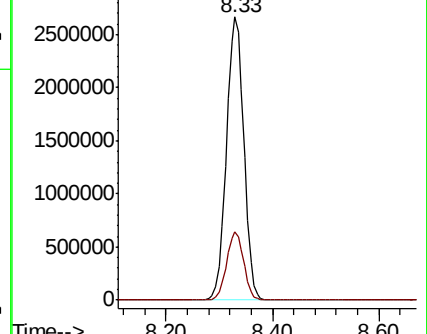
78 100

77 24.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#42

1,2-Dichloroethane

Concen: 43.025 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.08 min

Lab File: VW006955.D

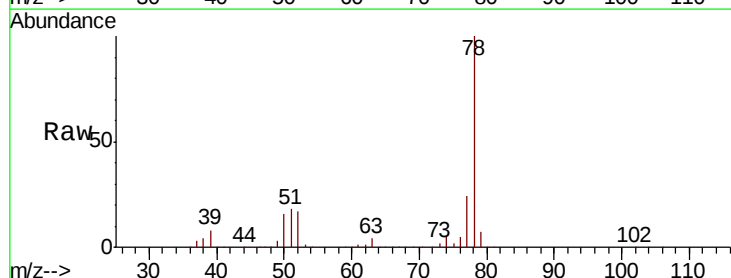
Acq: 19 Nov 2018 20:59

Tgt Ion: 62 Resp: 54359

Ion Ratio Lower Upper

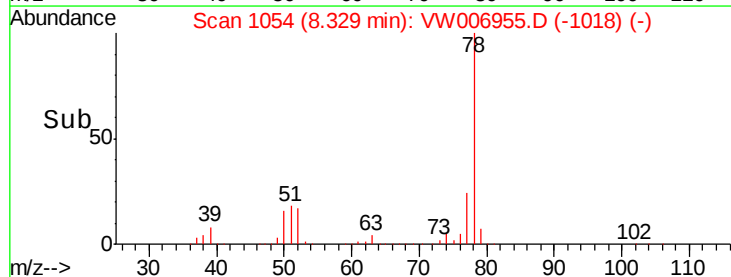
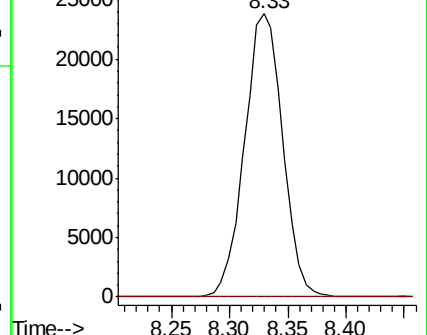
62 100

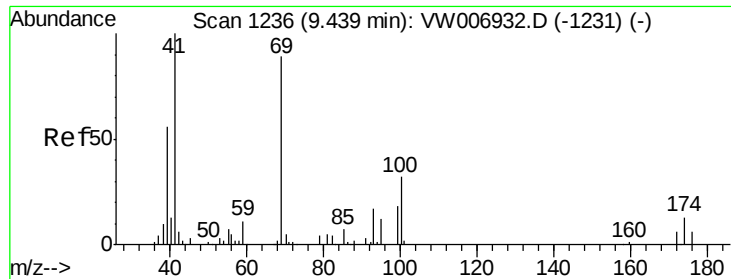
98 0.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

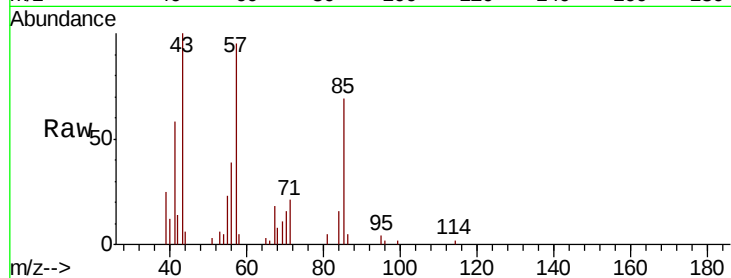




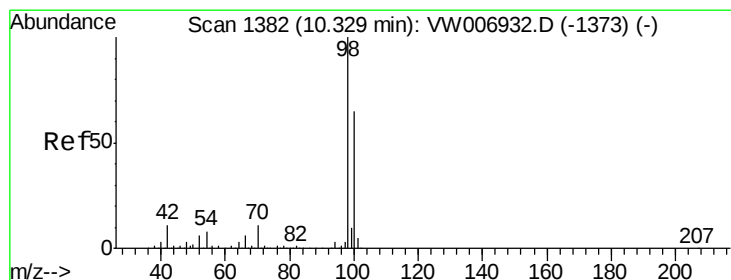
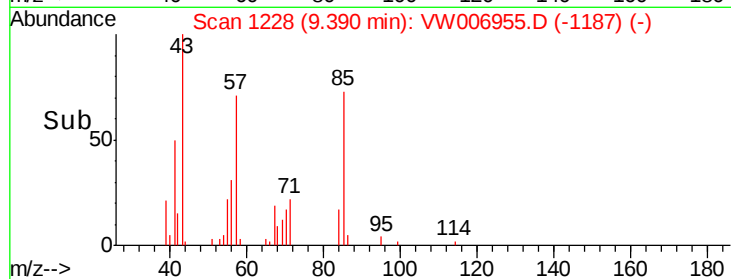
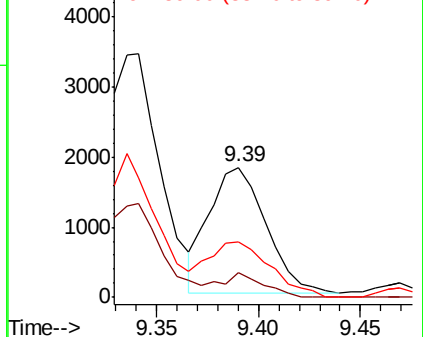
#48
Methvl methacrvlate
Concen: 5.865 ug/l
RT: 9.39 min Scan# 1228
Delta R.T. -0.05 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

Tot Ion: 41 Resp: 3448
Ion Ratio Lower Upper
41 100
69 10.2 73.4 110.0#
39 49.7 46.1 69.1

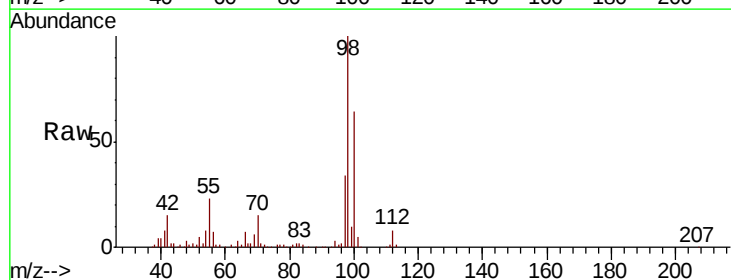


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

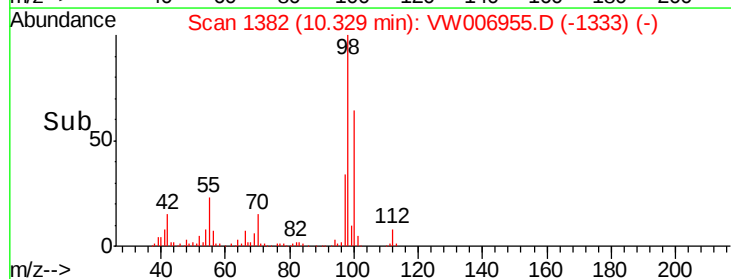
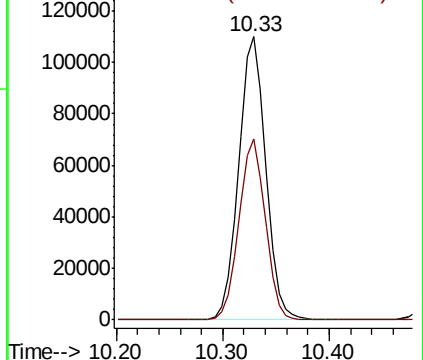


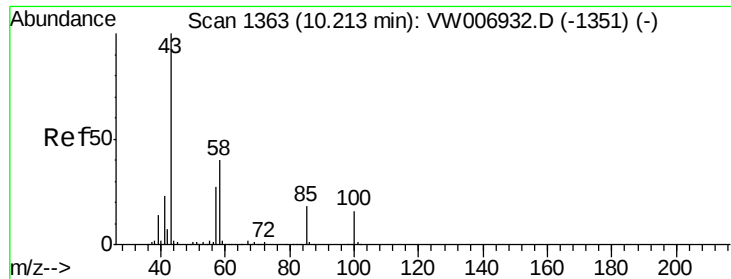
#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion: 98 Resp: 196449
Ion Ratio Lower Upper
98 100
100 62.3 52.3 78.5



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: 9.003 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

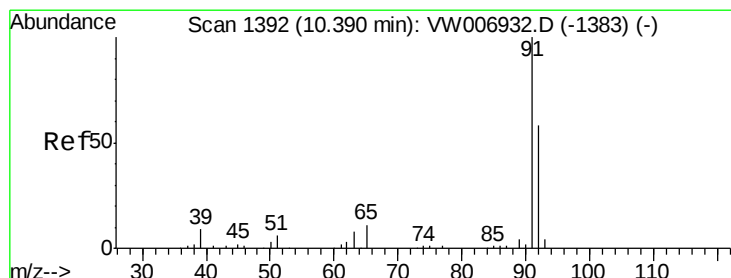
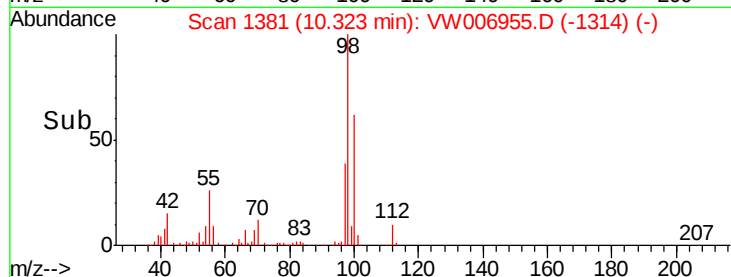
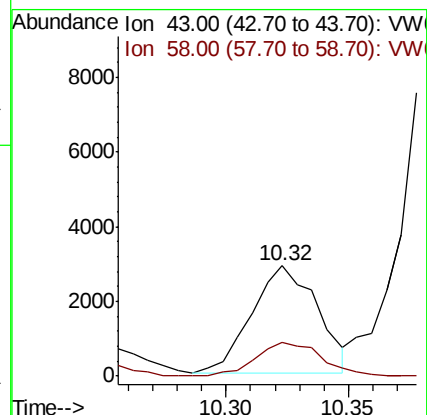
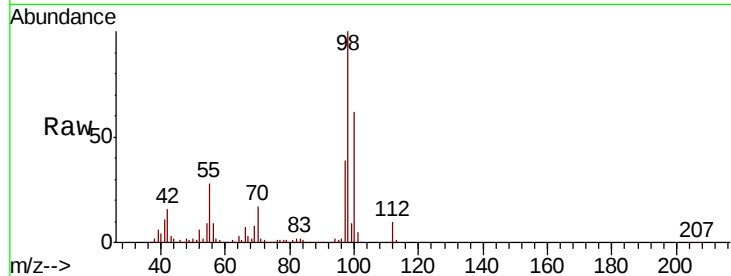
DTW-02(11-13)RE

Tot Ion: 43 Resp: 5406

Ion Ratio Lower Upper

43 100

58 31.9 31.0 46.4



#52

Toluene

Concen: 670.688 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006955.D

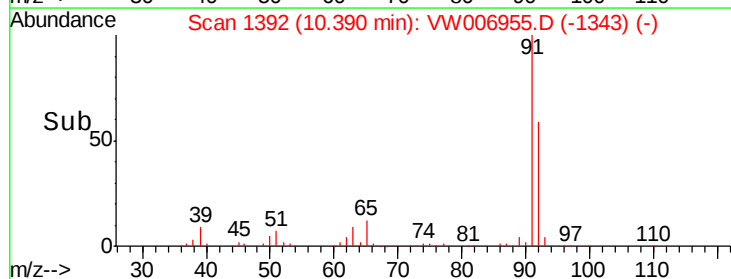
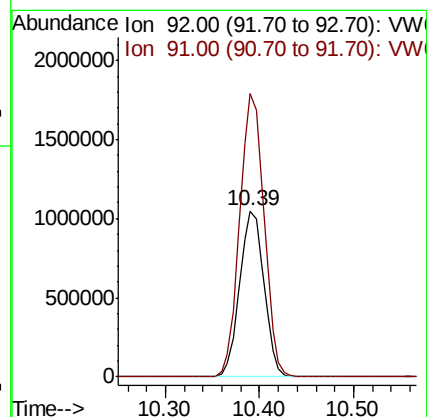
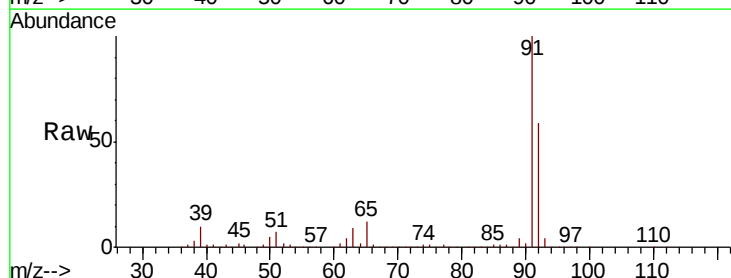
Acq: 19 Nov 2018 20:59

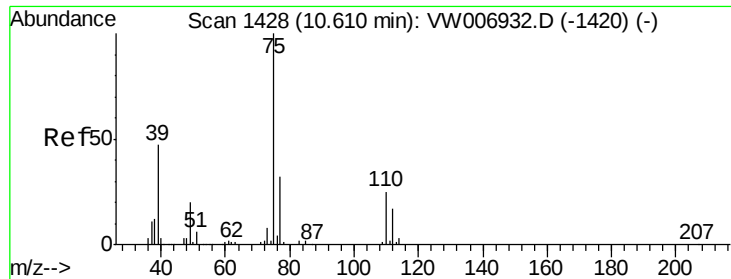
Tgt Ion: 92 Resp: 1893681

Ion Ratio Lower Upper

92 100

91 170.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 16.354 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.22 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

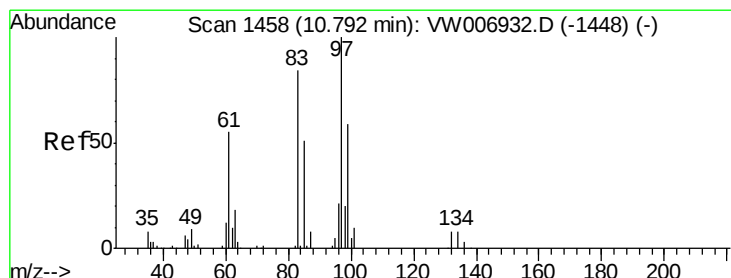
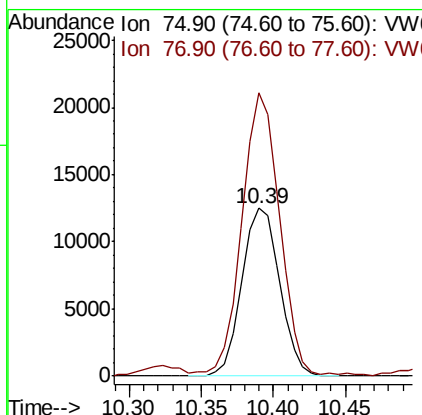
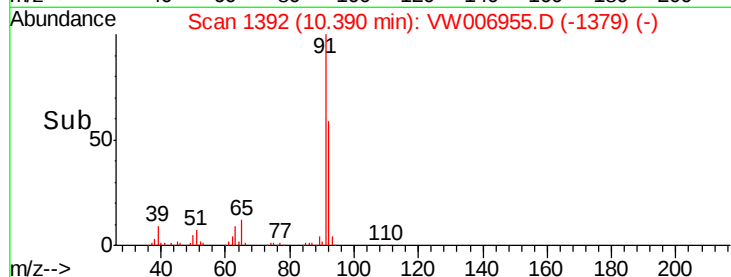
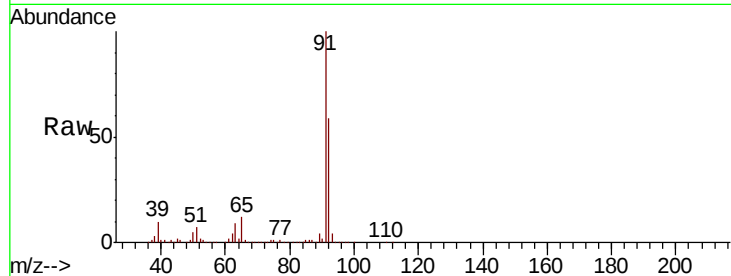
DTW-02(11-13)RE

Tot Ion: 75 Resp: 22720

Ion Ratio Lower Upper

75 100

77 167.5 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 20.751 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Tgt Ion: 97 Resp: 16519

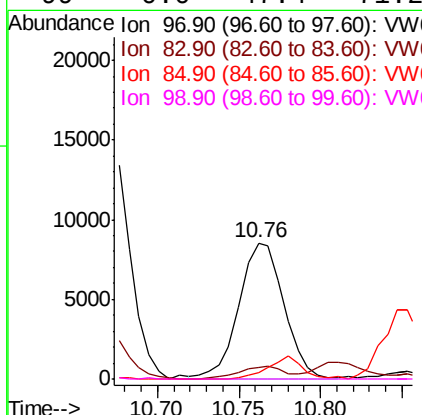
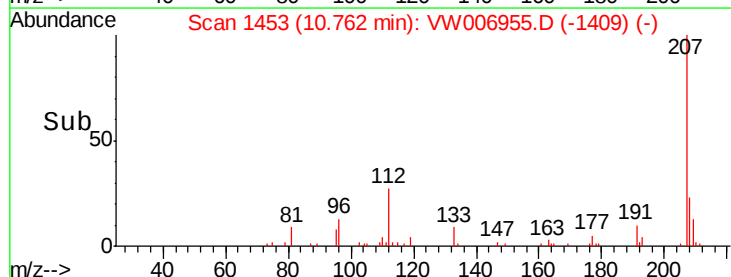
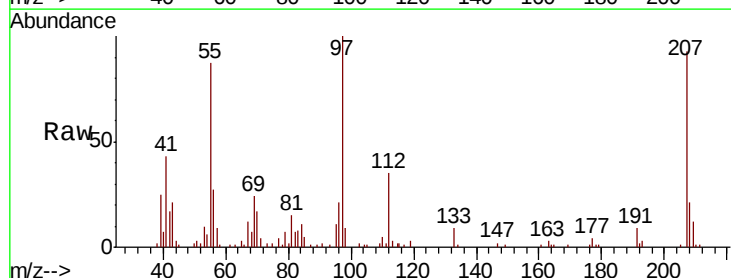
Ion Ratio Lower Upper

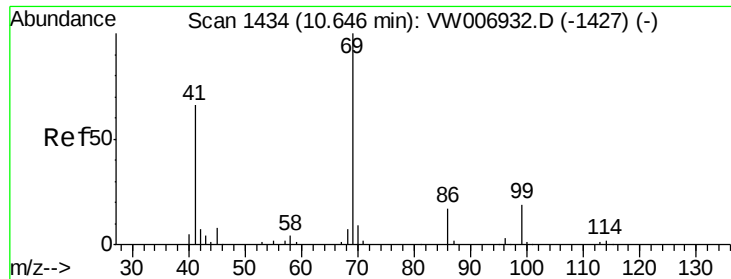
97 100

83 8.4 67.5 101.3#

85 5.1 41.0 61.6#

99 0.0 47.4 71.2#

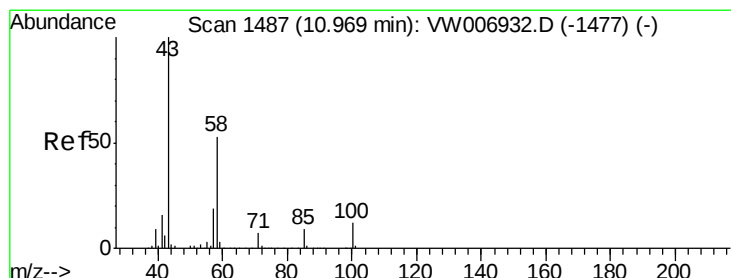
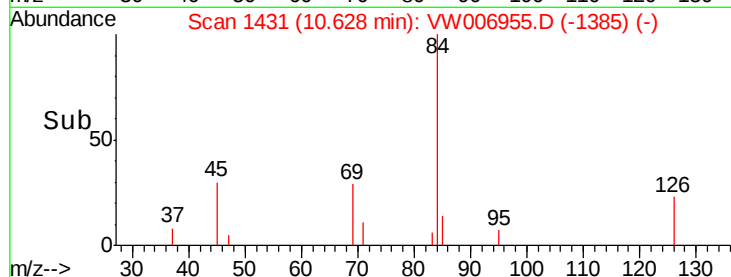
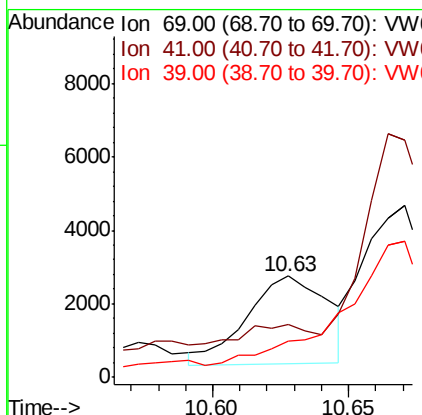
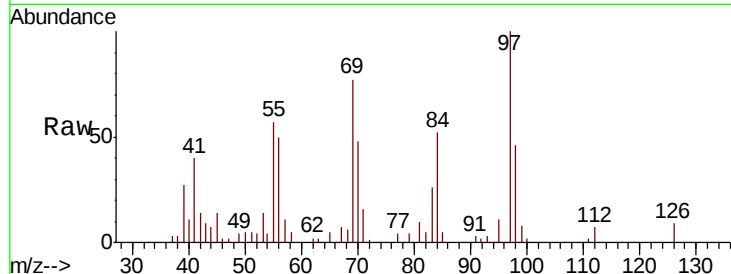




#56
Ethyl methacrylate
Concen: 4.979 ug/l
RT: 10.63 min Scan# 1431
Delta R.T. -0.02 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

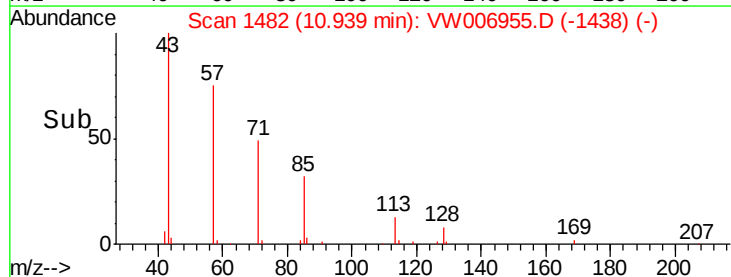
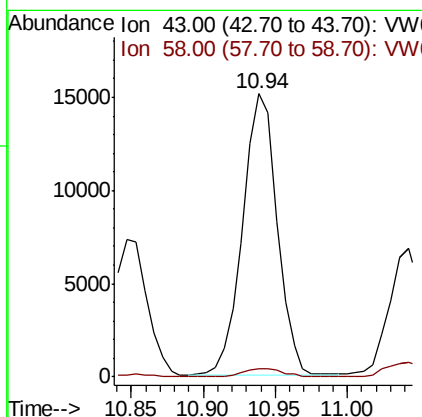
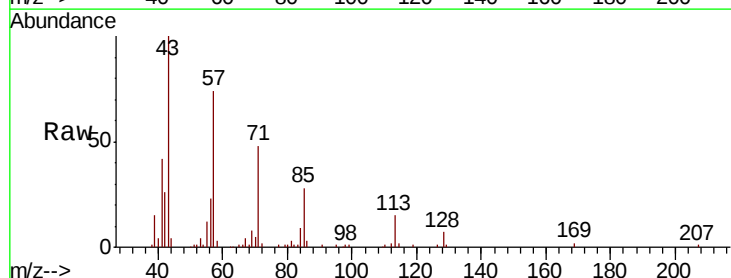
Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

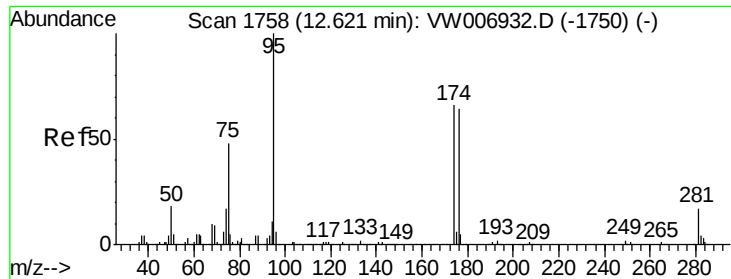
Tot Ion: 69 Resp: 4928
Ion Ratio Lower Upper
69 100
41 0.0 53.8 80.6#
39 0.0 29.0 43.6#



#59
2-Hexanone
Concen: 62.378 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion: 43 Resp: 25067
Ion Ratio Lower Upper
43 100
58 3.4 26.8 80.4#

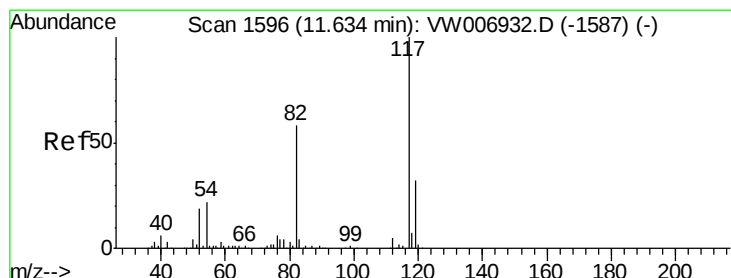
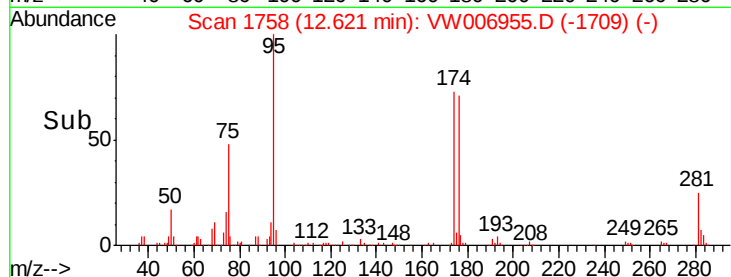
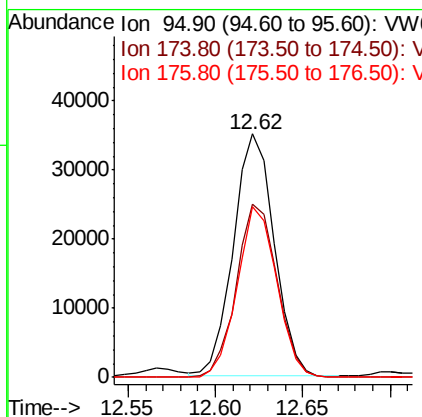
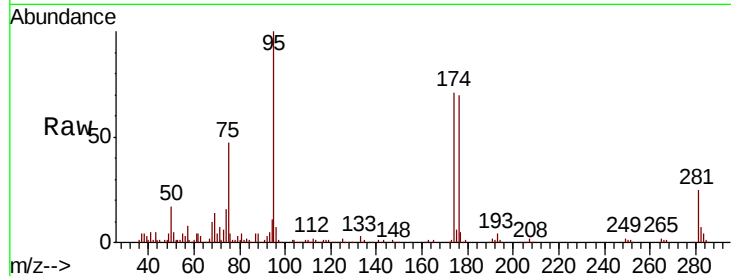




#62
4-Bromofluorobenzene
Concen: 36.849 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

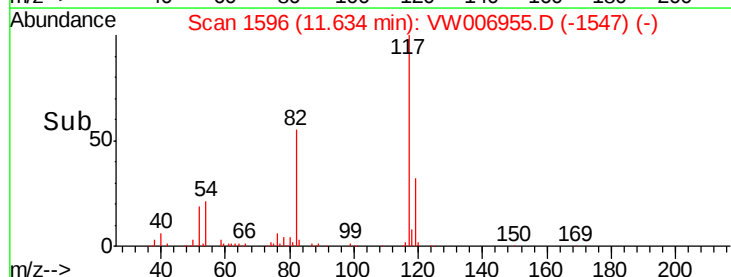
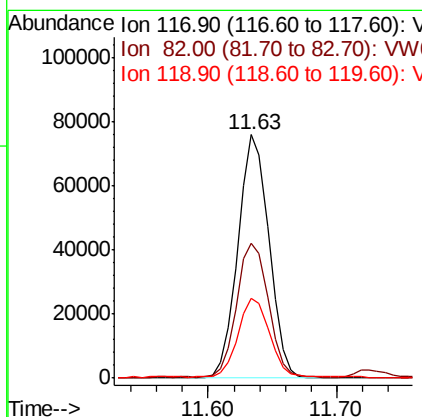
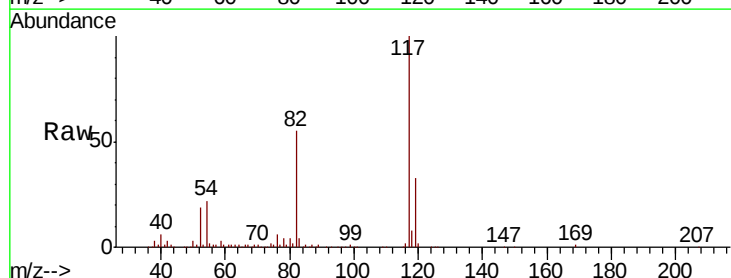
Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

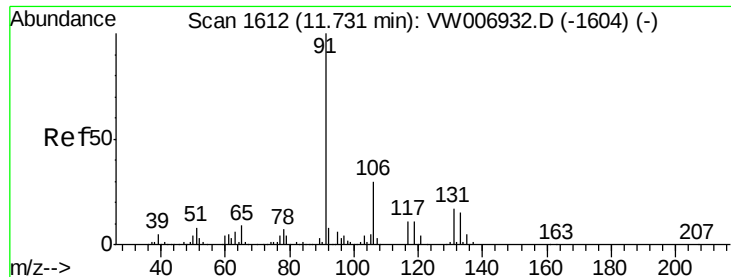
Tot Ion: 95 Resp: 56672
Ion Ratio Lower Upper
95 100
174 71.8 0.0 138.4
176 68.3 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion: 117 Resp: 126758
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.2
119 32.3 25.5 38.3

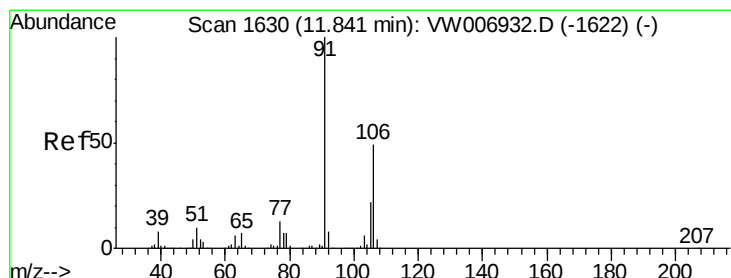
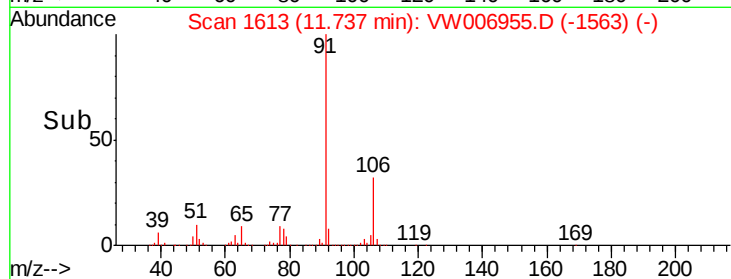
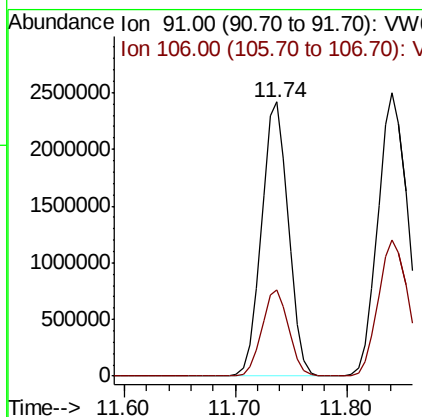
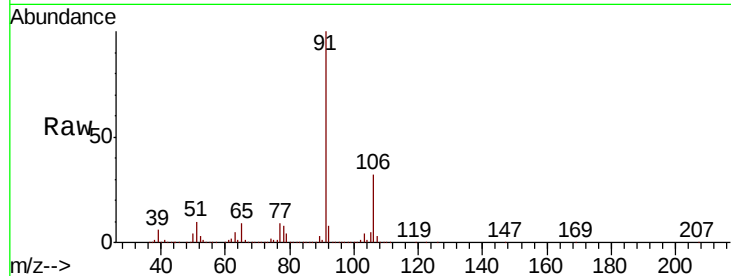




#67
Ethyl Benzene
Concen: 840.397 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

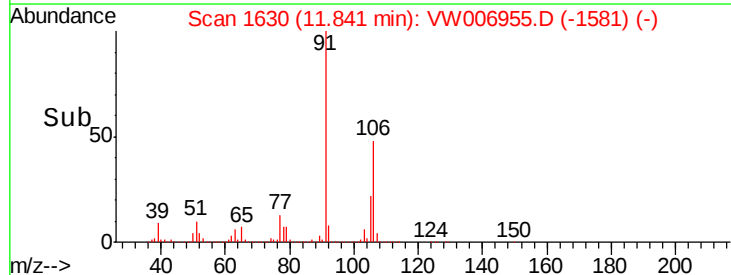
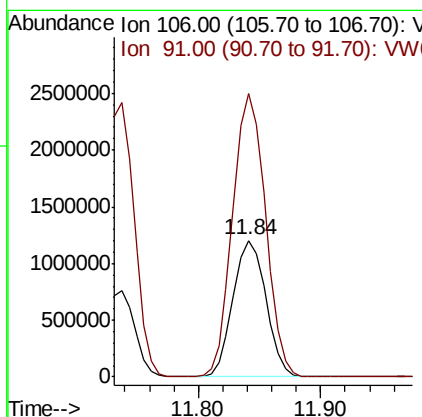
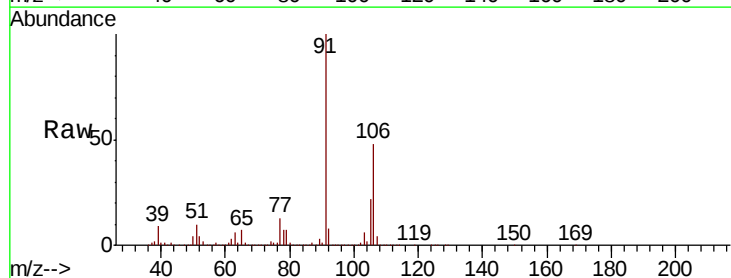
Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

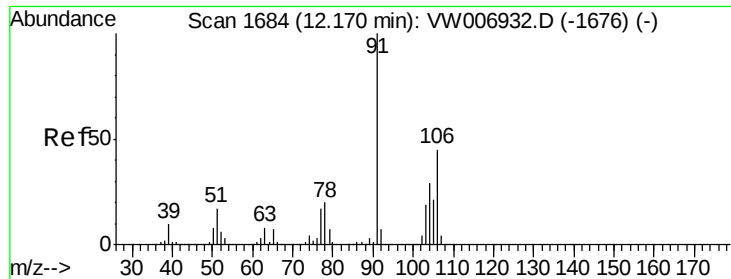
Tot Ion: 91 Resp: 4055408
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0



#68
m/p-Xylenes
Concen: 1197.649 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion: 106 Resp: 2250548
Ion Ratio Lower Upper
106 100
91 206.6 165.0 247.4

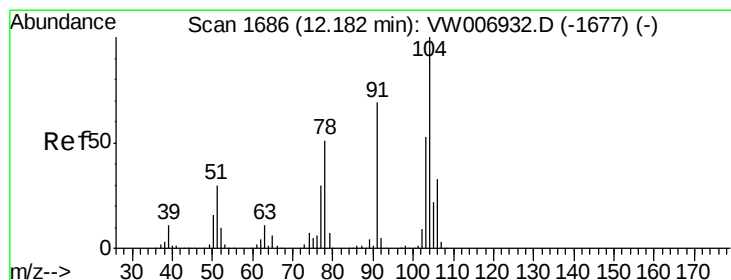
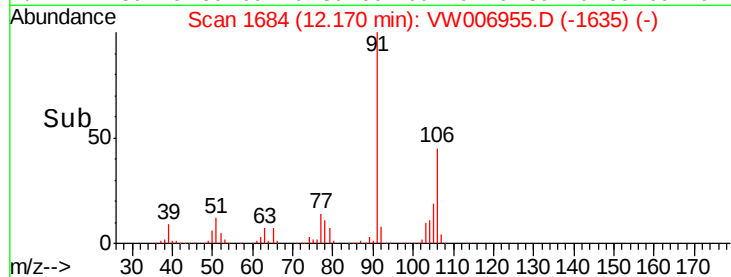
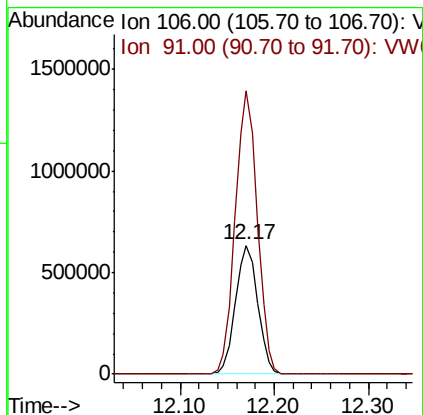
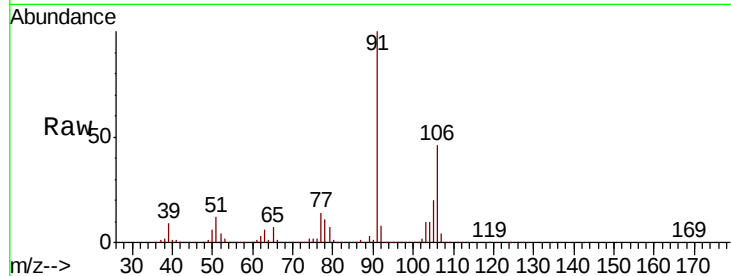




#69
o-Xylene
Concen: 581.595 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

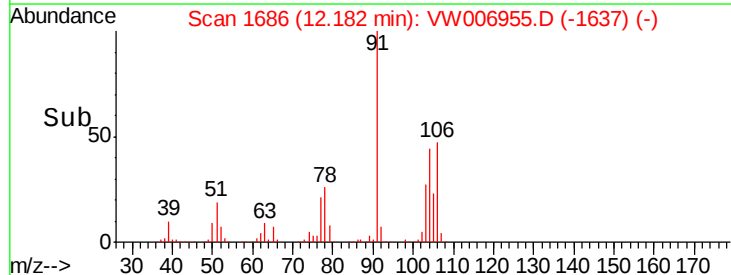
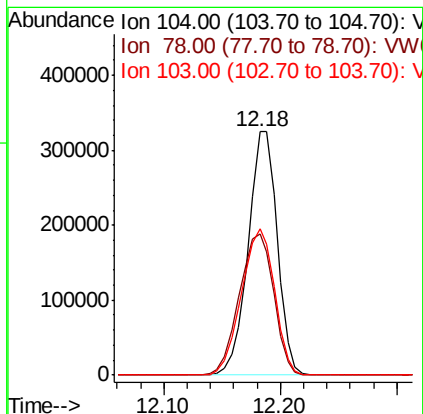
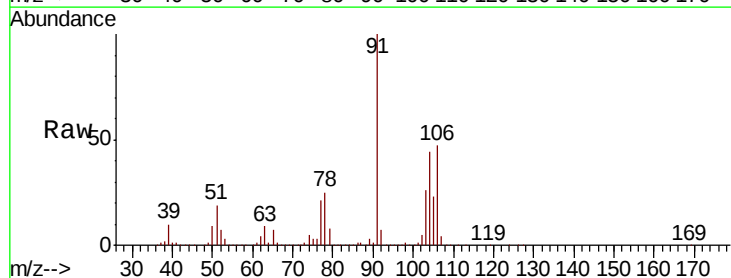
Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

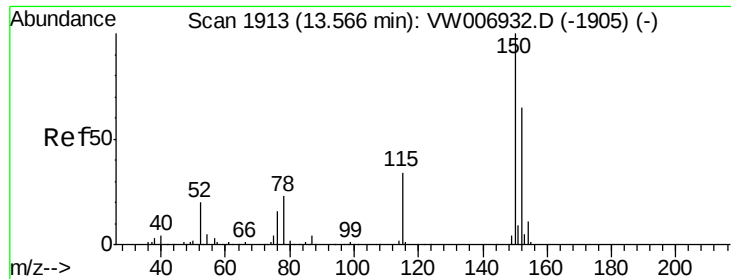
Tot Ion:106 Resp: 1037276
Ion Ratio Lower Upper
106 100
91 218.7 109.2 327.6



#70
Styrene
Concen: 197.979 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion:104 Resp: 567825
Ion Ratio Lower Upper
104 100
78 68.7 42.5 63.7#
103 68.4 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

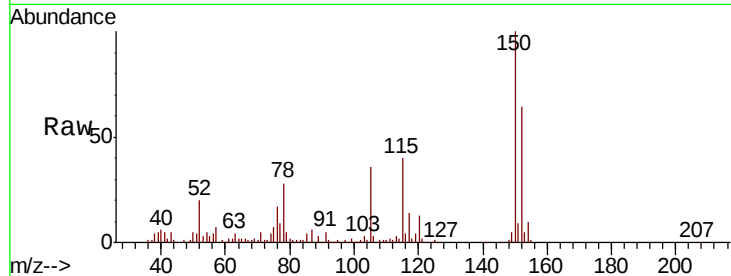
Tot Ion:152 Resp: 38183

Ion Ratio Lower Upper

152 100

115 0.0 31.6 94.7#

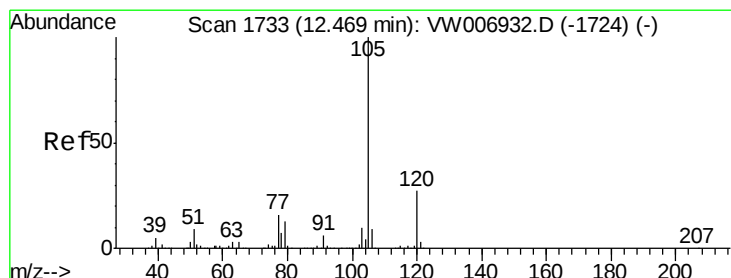
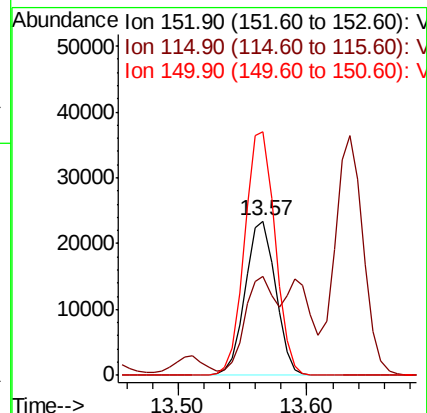
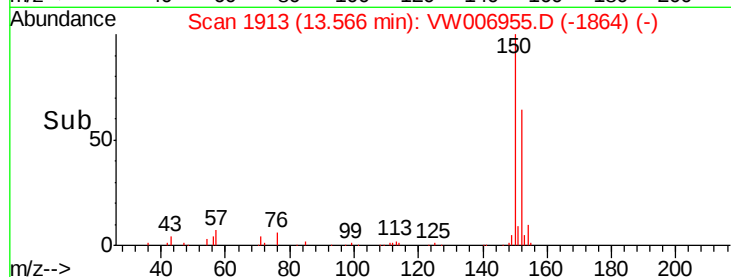
150 157.8 0.0 350.0



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: 36.094 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006955.D

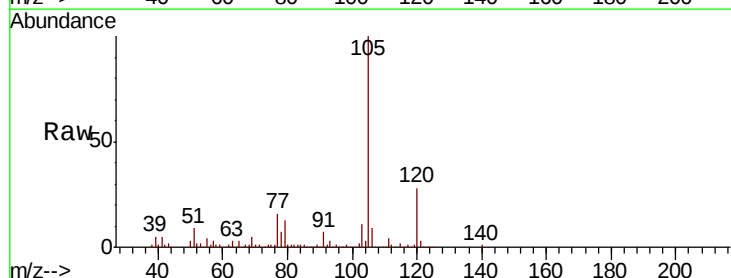
Acq: 19 Nov 2018 20:59

Tgt Ion:105 Resp: 109144

Ion Ratio Lower Upper

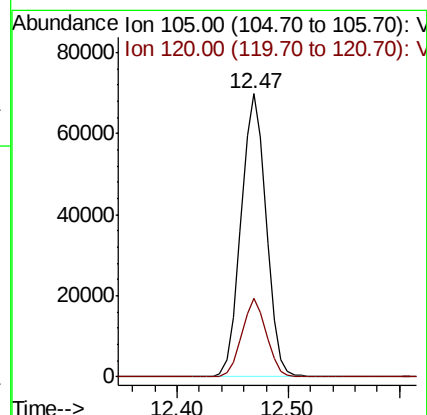
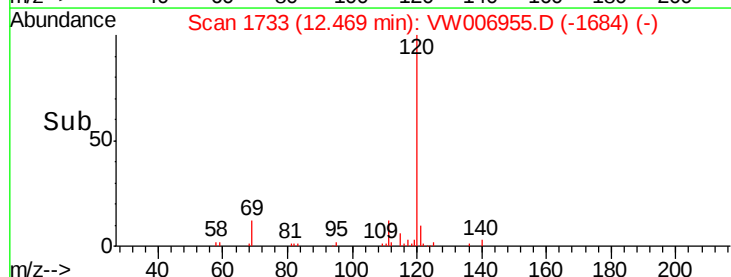
105 100

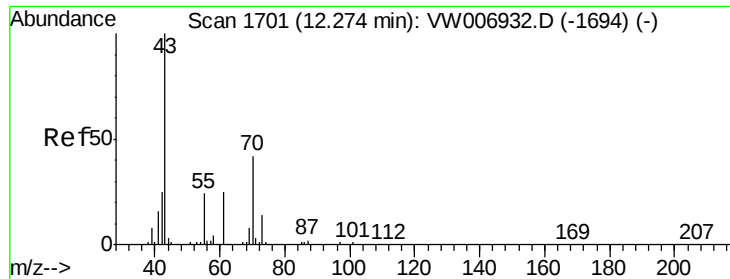
120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 21.656 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

Tot Ion: 43 Resp: 13106

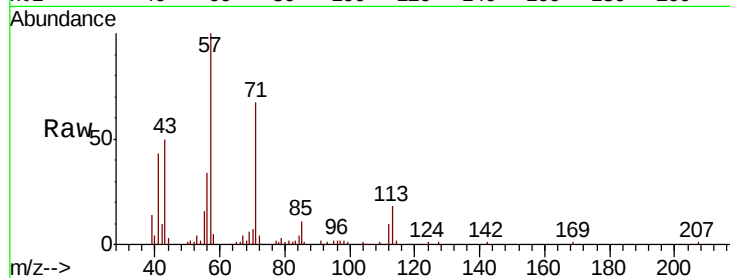
Ion Ratio Lower Upper

43 100

70 21.2 34.2 51.4#

55 22.8 19.5 29.3

61 0.0 19.7 29.5#

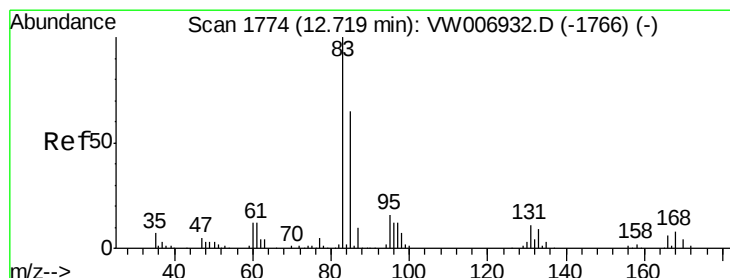
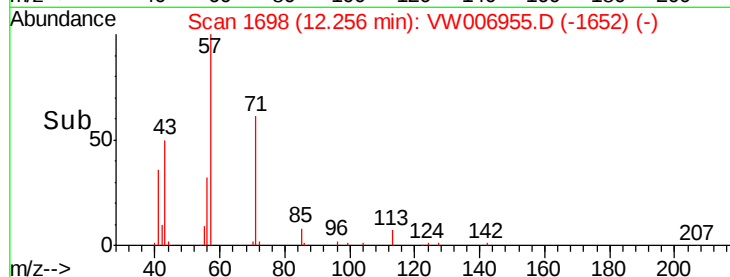
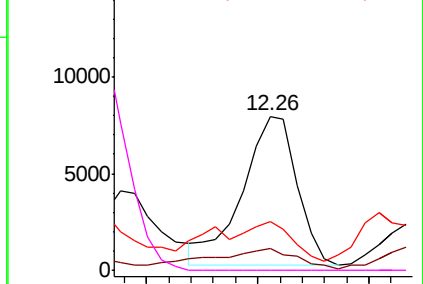


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 3.384 ug/l

RT: 12.79 min Scan# 1785

Delta R.T. 0.07 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

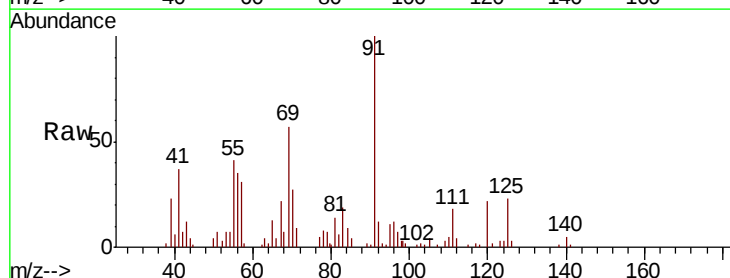
Tgt Ion: 83 Resp: 1505

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

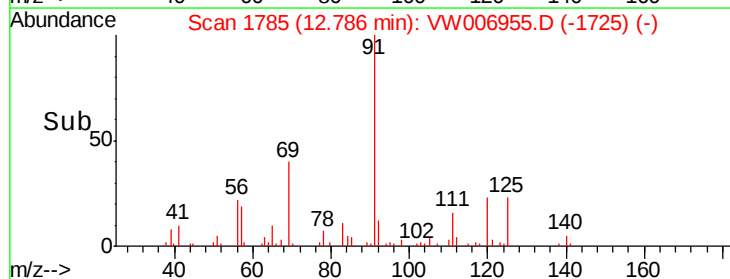
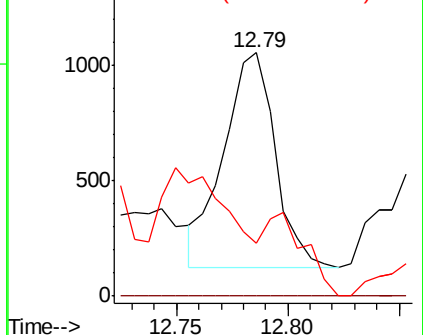
85 29.2 32.5 97.5#

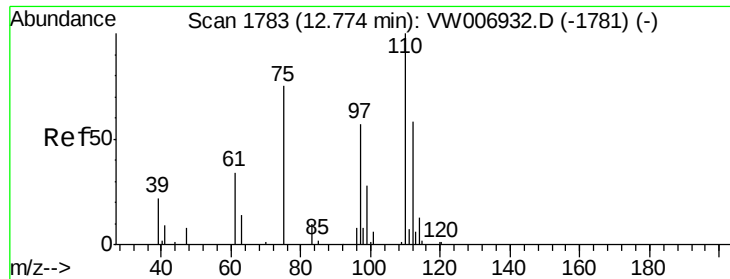


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

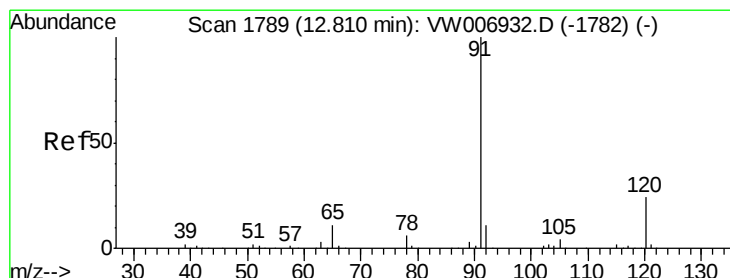
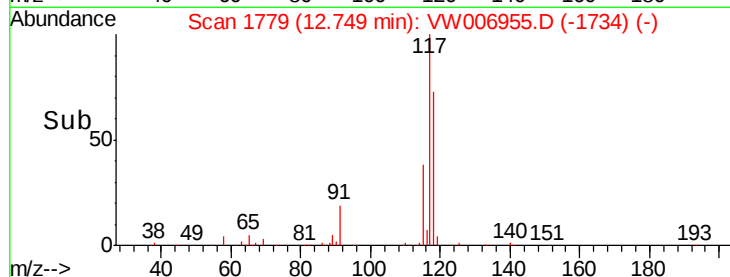
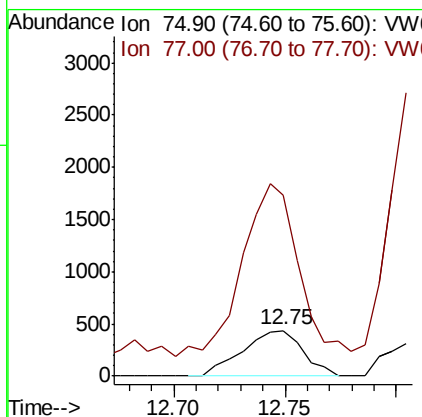
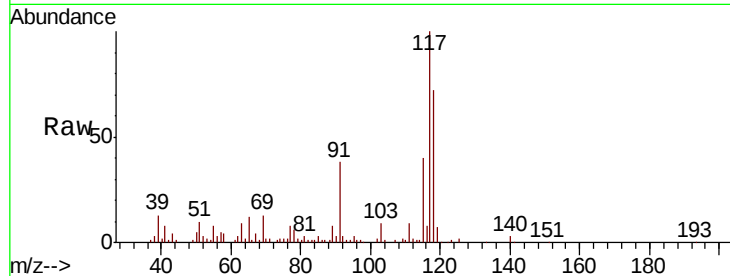




#76
 1,2,3-Trichloropropane
 Concen: 2.689 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

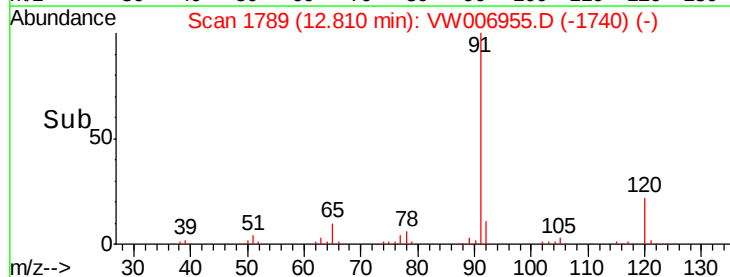
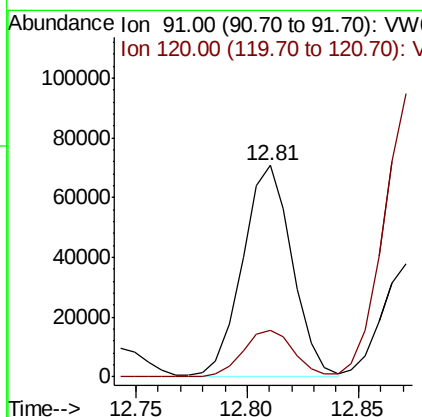
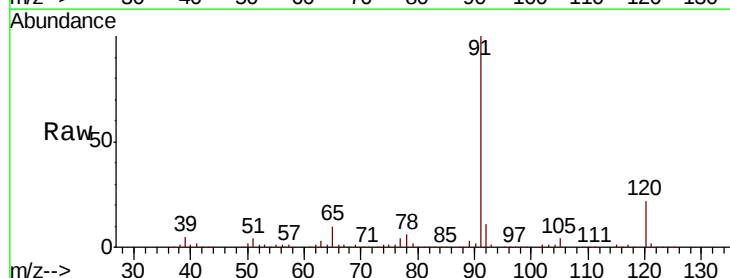
Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)RE

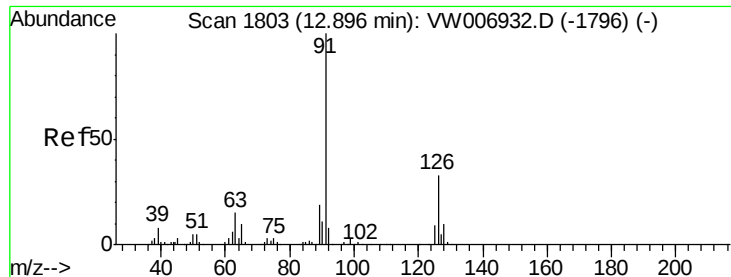
Tot Ion: 75 Resp: 825
 Ion Ratio Lower Upper
 75 100
 77 355.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 30.085 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Tgt Ion: 91 Resp: 109315
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.5 34.5

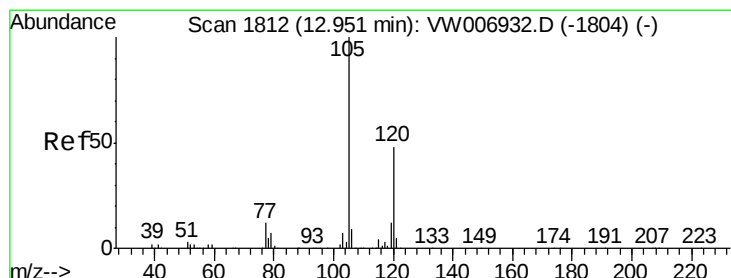
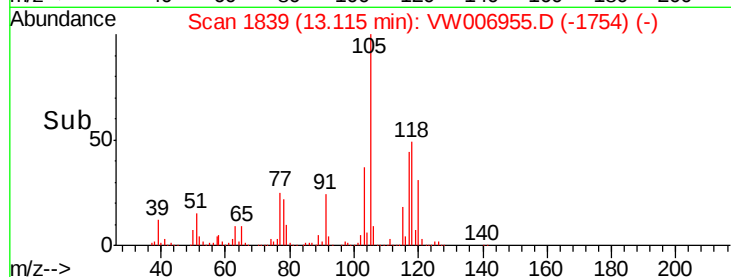
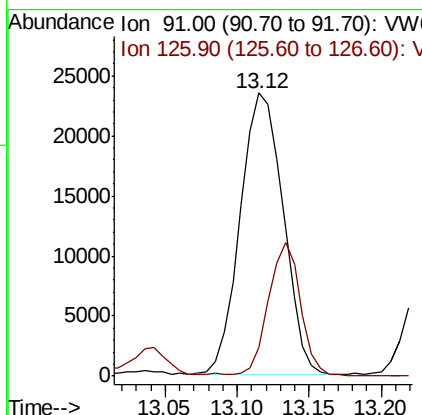
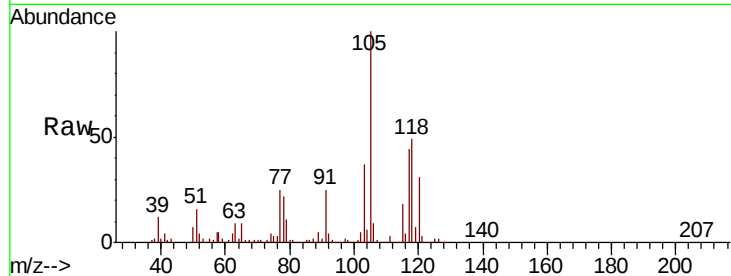




#79
 2-Chlorotoluene
 Concen: 22.839 ug/l
 RT: 13.12 min Scan# 1839
 Delta R.T. 0.22 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

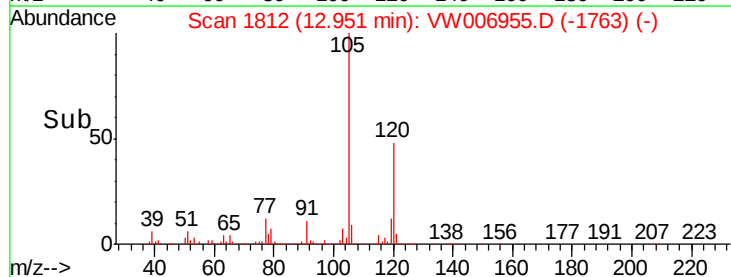
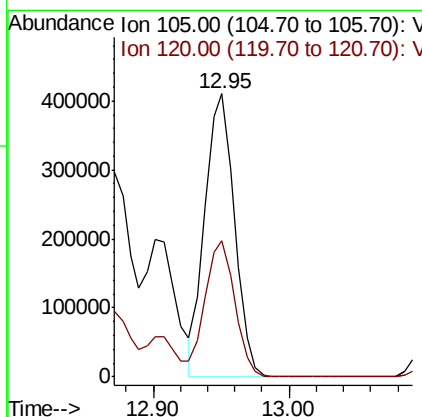
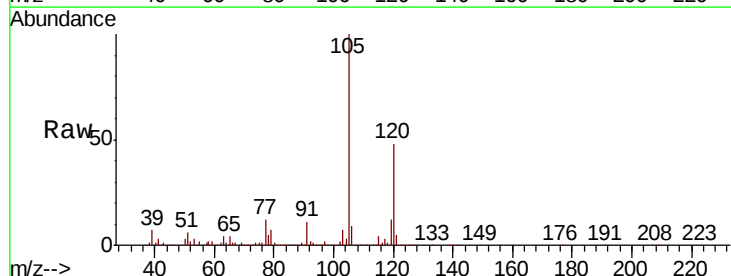
Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)RE

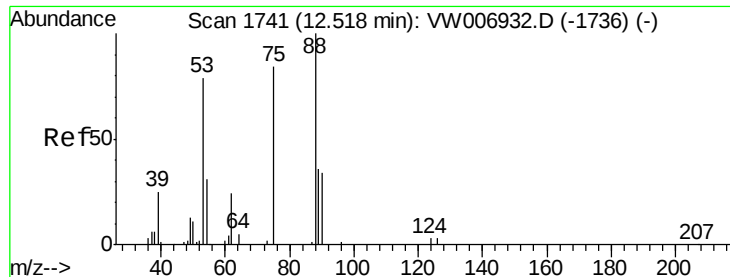
Tot Ion: 91 Resp: 48634
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 236.519 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Tgt Ion:105 Resp: 615848
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 10.290 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

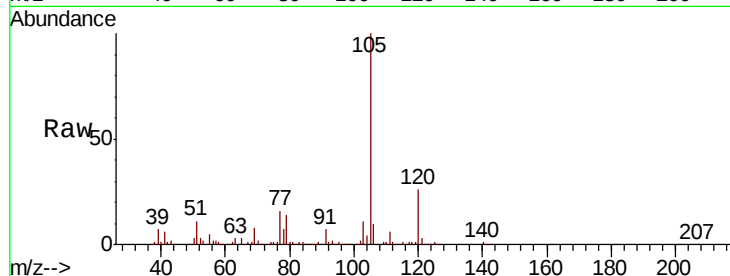
Tot Ion: 75 Resp: 1387

Ion Ratio Lower Upper

75 100

53 117.2 79.3 118.9

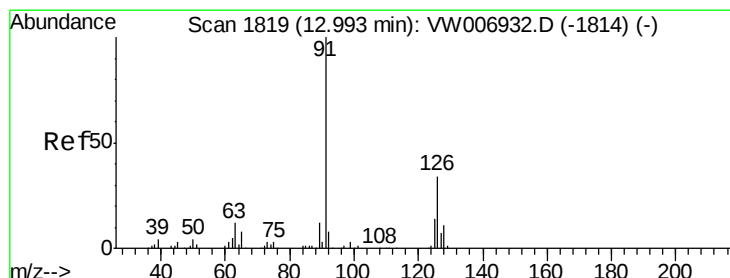
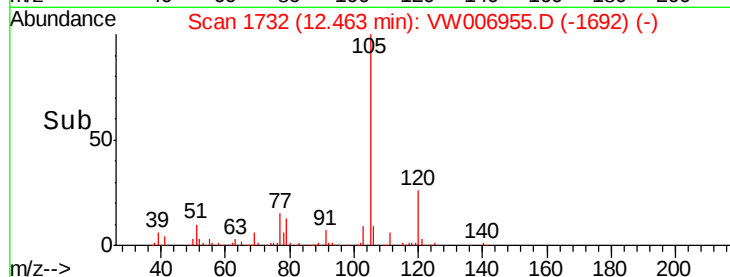
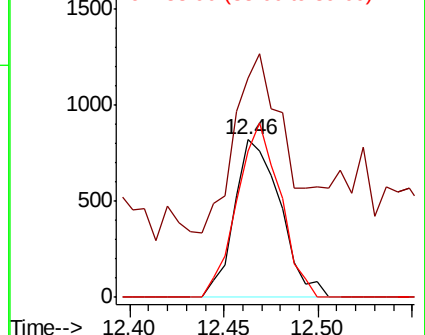
89 104.7 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.662 ug/l

RT: 13.12 min Scan# 1839

Delta R.T. 0.12 min

Lab File: VW006955.D

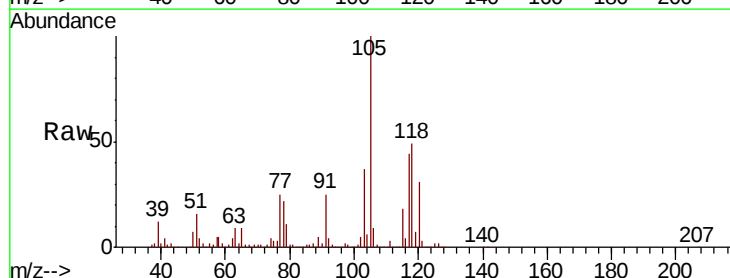
Acq: 19 Nov 2018 20:59

Tgt Ion: 91 Resp: 48634

Ion Ratio Lower Upper

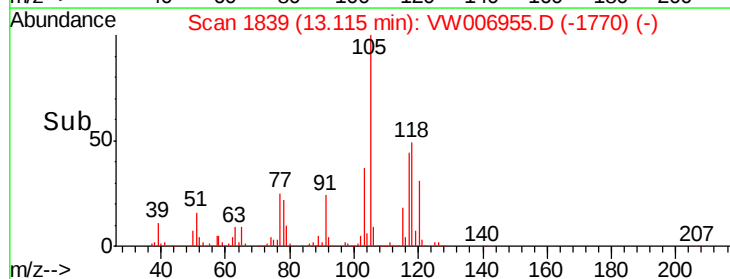
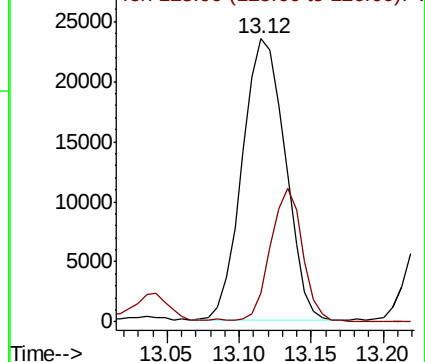
91 100

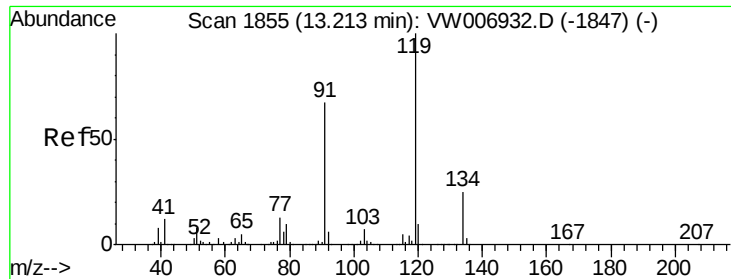
126 35.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

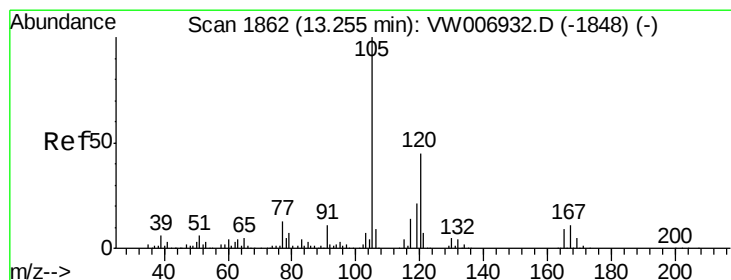
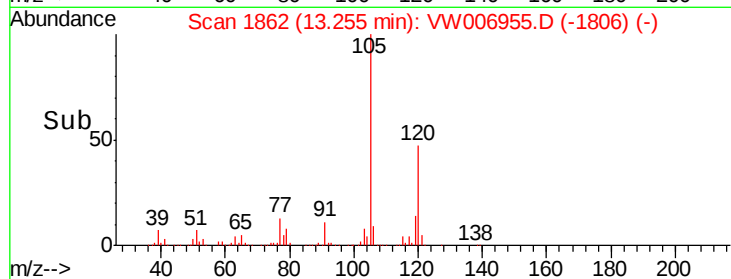
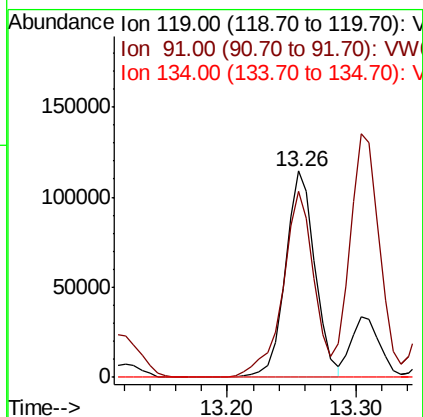
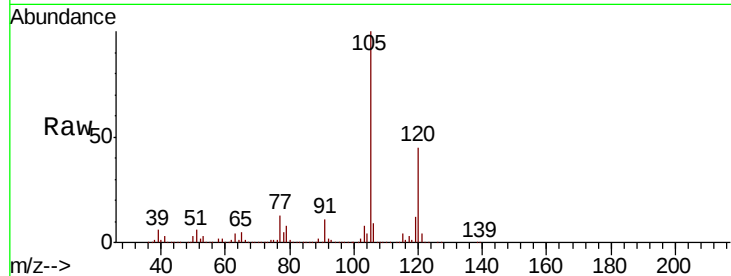




#83
tert-Butylbenzene
Concen: 82.398 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

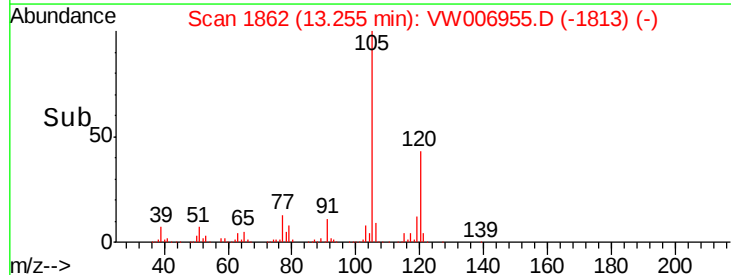
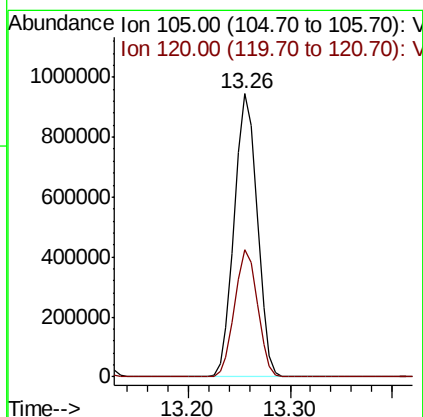
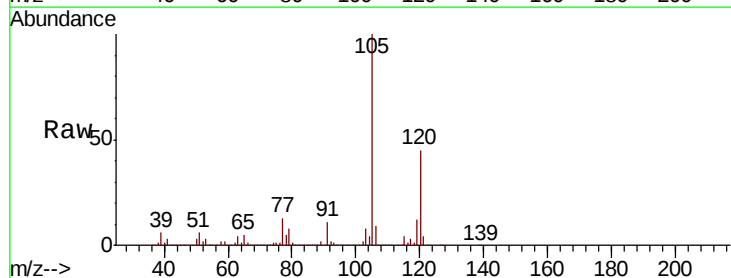
Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)RE

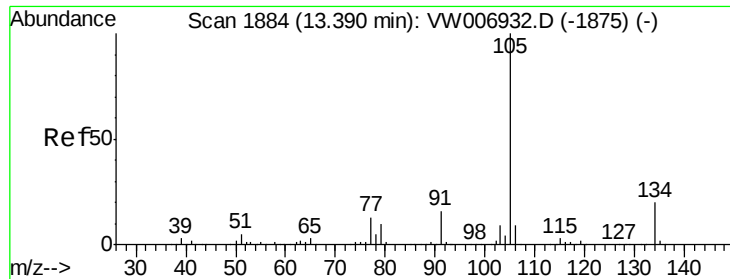
Tot Ion:119 Resp: 182196
Ion Ratio Lower Upper
119 100
91 95.0 33.8 101.4
134 0.0 12.6 37.8#



#84
1,2,4-Trimethylbenzene
Concen: 560.749 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006955.D
Acq: 19 Nov 2018 20:59

Tgt Ion:105 Resp: 1466804
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 464.907 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.13 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

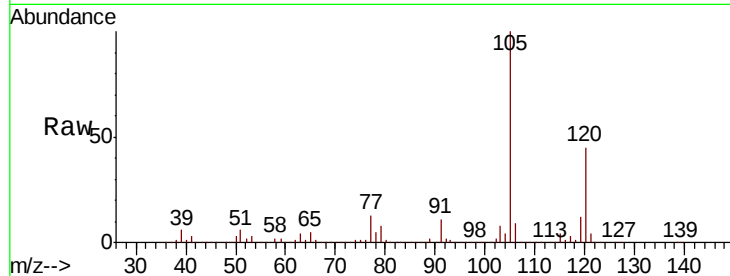
DTW-02(11-13)RE

Tot Ion:105 Resp: 1466804

Ion Ratio Lower Upper

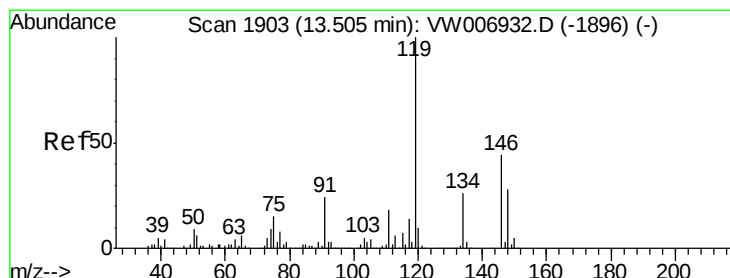
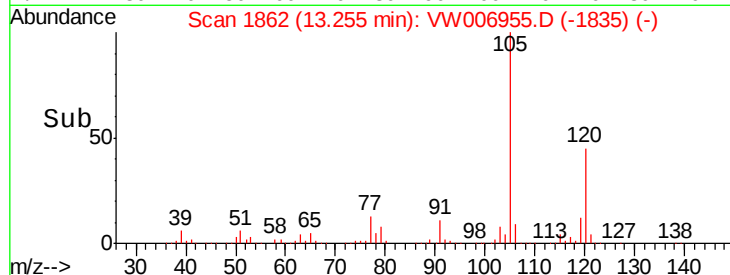
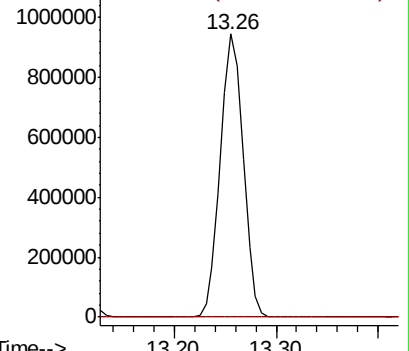
105 100

134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.529 ug/l

RT: 13.48 min Scan# 1899

Delta R.T. -0.02 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

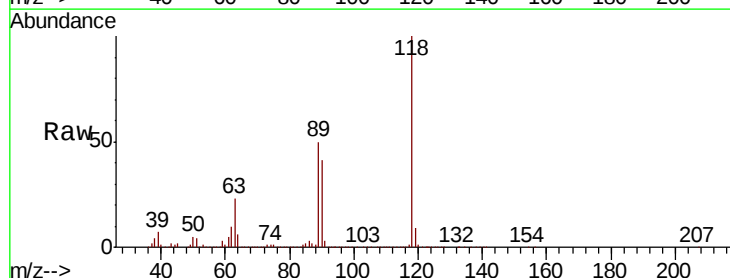
Tgt Ion:119 Resp: 147603

Ion Ratio Lower Upper

119 100

134 0.0 12.7 38.1#

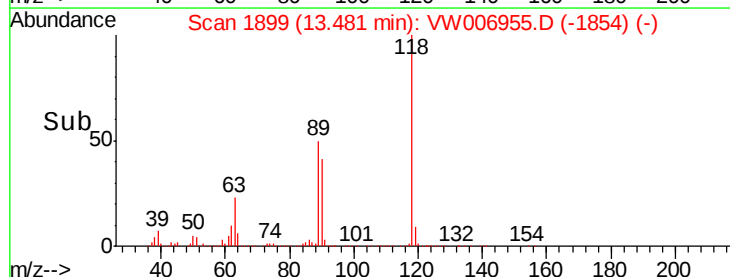
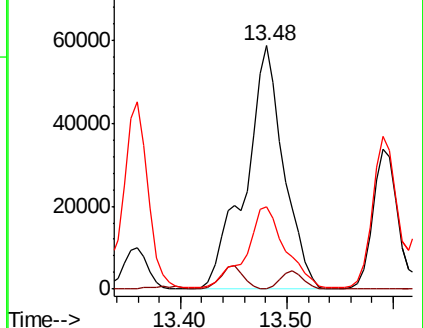
91 34.4 12.4 37.2

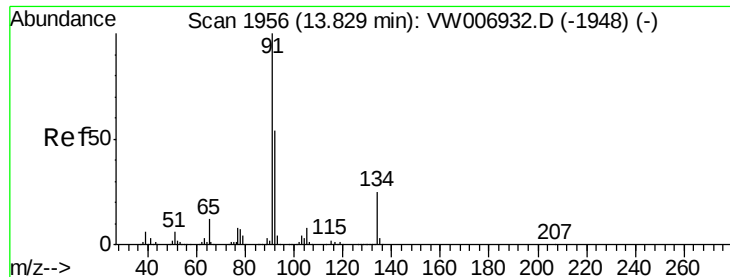


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 11.056 ug/l

RT: 14.07 min Scan# 1995

Delta R.T. 0.24 min

Lab File: VW006955.D

Acq: 19 Nov 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)RE

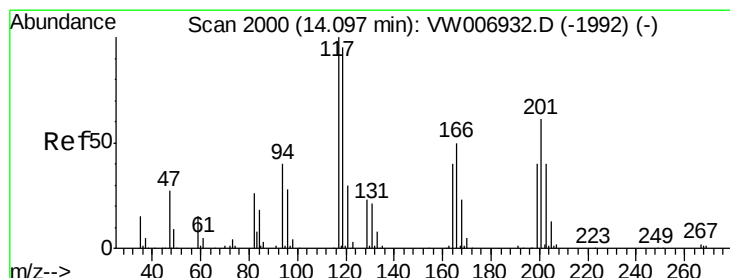
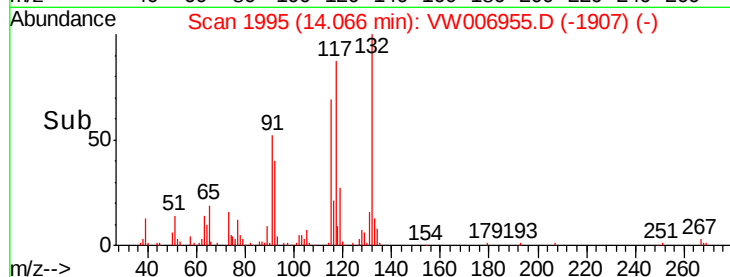
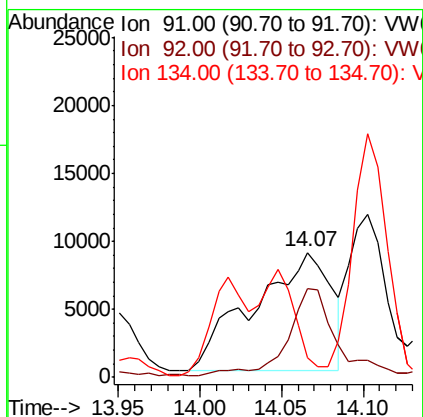
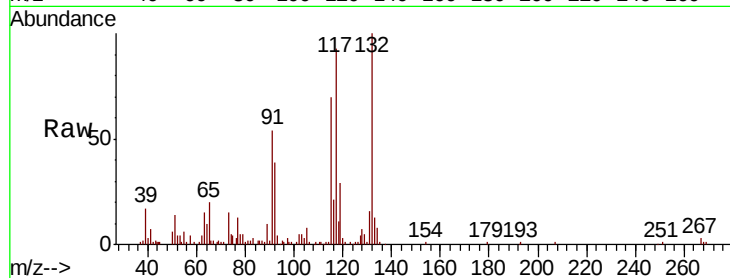
Tot Ion: 91 Resp: 28859

Ion Ratio Lower Upper

91 100

92 42.2 26.4 79.2

134 34.2 12.9 38.6



#90

Hexachloroethane

Concen: 126.205 ug/l

RT: 14.07 min Scan# 1995

Delta R.T. -0.03 min

Lab File: VW006955.D

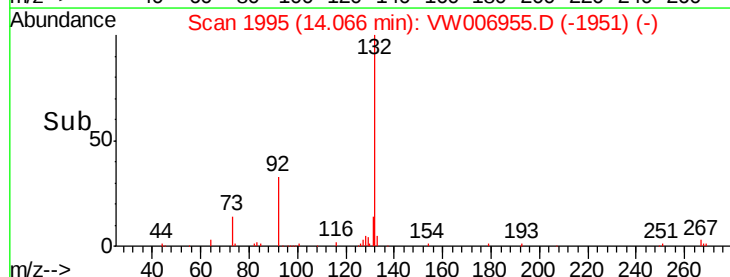
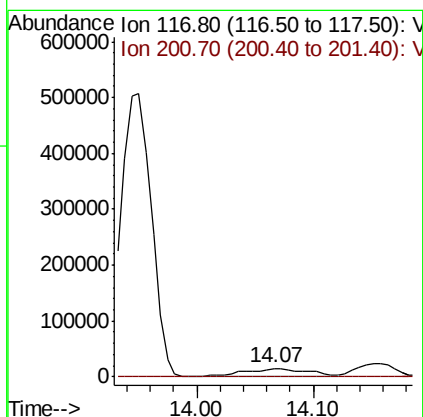
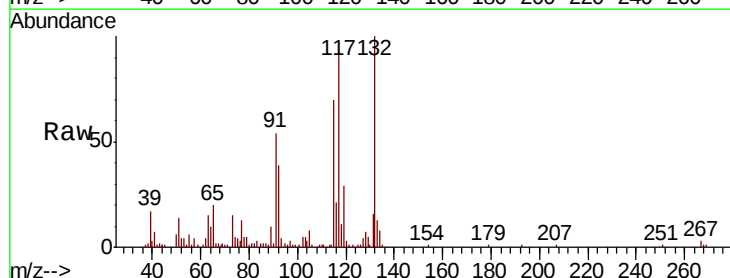
Acq: 19 Nov 2018 20:59

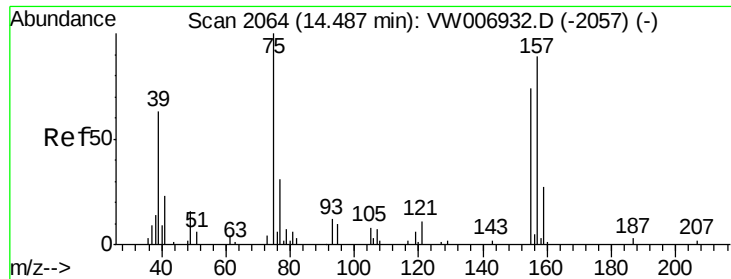
Tgt Ion: 117 Resp: 56733

Ion Ratio Lower Upper

117 100

201 0.0 33.8 101.4#

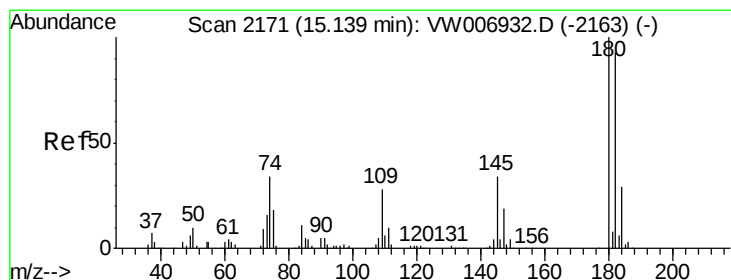
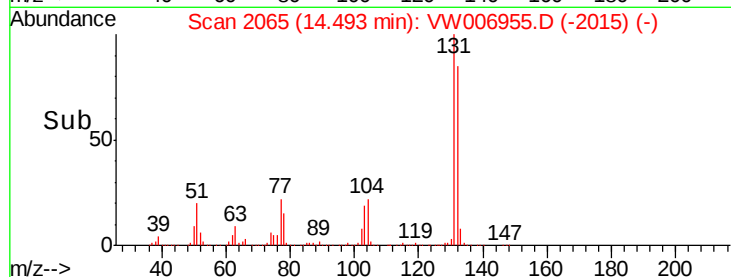
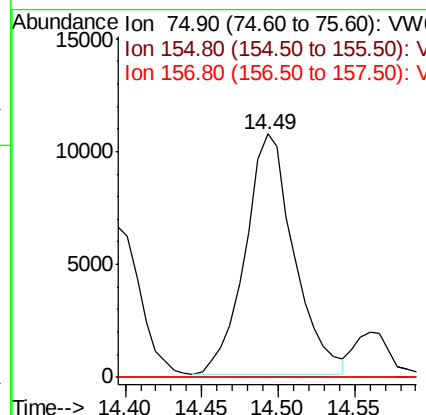
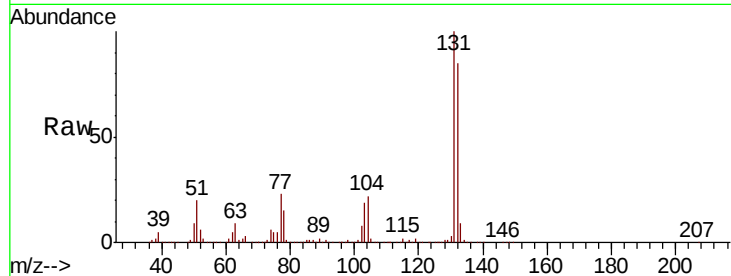




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 305.615 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

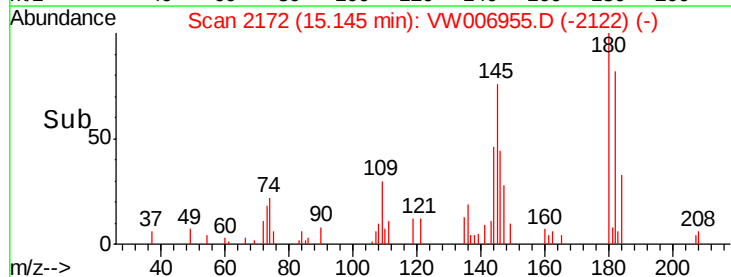
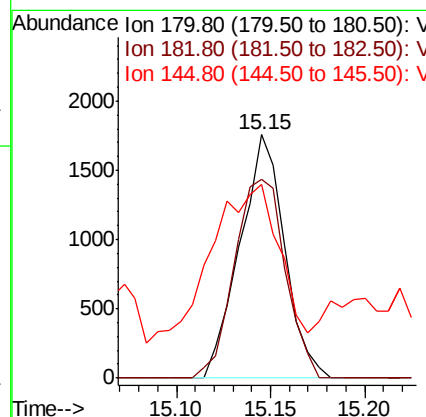
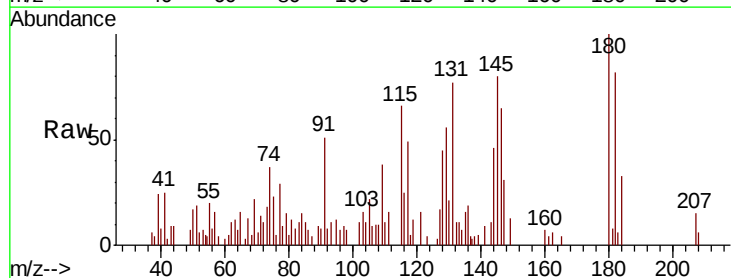
Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)RE

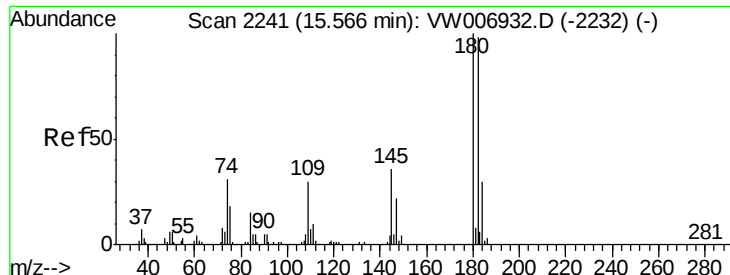
Tot Ion: 75 Resp: 23524
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.6 115.7#
 157 0.0 49.7 149.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.903 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Tgt Ion: 180 Resp: 2878
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.3 141.9
 145 94.5 16.8 50.4#

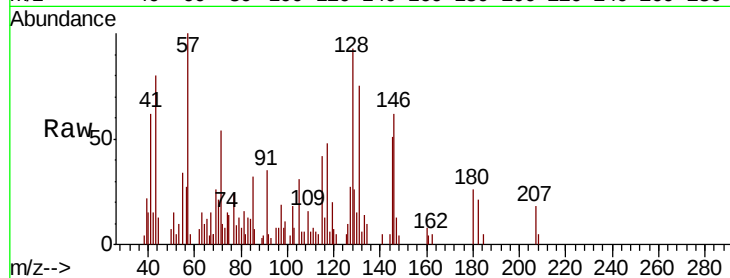




#96
 1,2,3-Trichlorobenzene
 Concen: 1.207 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW006955.D
 Acq: 19 Nov 2018 20:59

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)RE

Tot Ion:180 Resp: 763
 Ion Ratio Lower Upper
 180 100
 182 91.0 47.4 142.2
 145 0.0 17.6 52.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

