

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101918\
 Data File : VW006230.D
 Acq On : 19 Oct 2018 17:29
 Operator : VA/AP
 Sample : J5605-01
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Quant Time: Oct 20 01:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	50173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	71196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22079	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	22464	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
35) Dibromofluoromethane	7.89	113	20379	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.33	98	73528	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.62	95	22516	37.46	ug/l	0.00
Spiked Amount			Recovery	=	74.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.91	56	101	3.731	ug/l #	16
16) Acetone	4.12	43	8616	101.623	ug/l	97
18) Methyl Acetate	4.69	43	404	1.930	ug/l #	59
25) 2-Butanone	7.19	43	2780	24.739	ug/l	99
29) Tetrahydrofuran	7.55	42	129	1.868	ug/l #	31
31) Cyclohexane	7.95	56	4840	6.359	ug/l #	86
36) 1,1-Dichloropropene	7.95	75	3558	5.422	ug/l #	42
37) Ethyl Acetate	7.19	43	2780	11.402	ug/l #	67
38) Carbon Tetrachloride	7.96	117	4482	6.230	ug/l #	18
39) Methylcyclohexane	9.34	83	10385	11.905	ug/l	97
43) Isopropyl Acetate	8.43	43	513	1.029	ug/l #	50
48) Methyl methacrylate	9.38	41	311	1.316	ug/l #	10
51) 4-Methyl-2-Pentanone	10.22	43	365	1.461	ug/l #	36
52) Toluene	10.40	92	2860	2.370	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	2635	7.670	ug/l #	23
56) Ethyl methacrylate	10.66	69	1190	2.825	ug/l #	34
59) 2-Hexanone	10.94	43	1302	7.302	ug/l #	25
68) m/p-Xylenes	11.85	106	14327	17.004	ug/l	100
69) o-Xylene	12.18	106	891	1.110	ug/l	81
73) Isopropylbenzene	12.47	105	9188	5.890	ug/l	98
74) N-amyl acetate	12.26	43	662	2.185	ug/l #	72
76) 1,2,3-Trichloropropane	12.62	75	11643	69.041	ug/l #	100
78) n-propylbenzene	12.81	91	21831	12.030	ug/l	97
79) 2-Chlorotoluene	12.91	91	2335	2.290	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.95	105	40156	30.538	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	11643	165.034	ug/l #	11
82) 4-Chlorotoluene	12.95	91	4204	3.936	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.26	105	101171	76.033	ug/l	99
85) sec-Butylbenzene	13.39	105	4125	2.482	ug/l #	51
86) p-Isopropyltoluene	13.51	119	4686	3.117	ug/l	96
89) n-Butylbenzene	13.83	91	3091	2.248	ug/l #	82
90) Hexachloroethane	14.11	117	1782	6.998	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.47	75	94	2.213	ug/l #	1
95) Naphthalene	15.38	128	1909	2.199	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

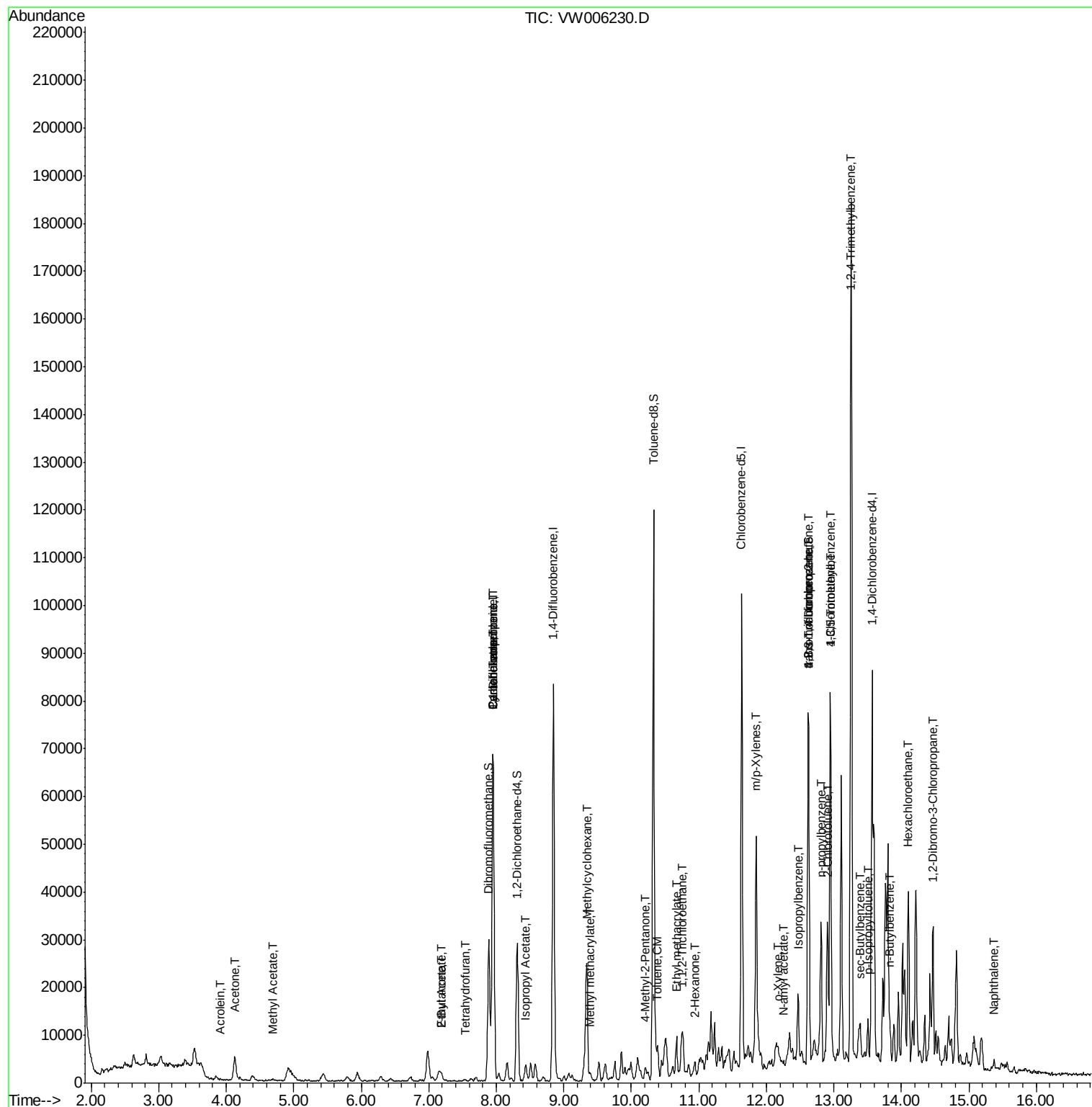
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

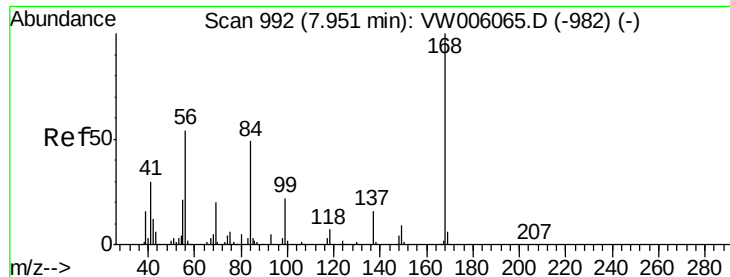
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006230.D
Acq On : 19 Oct 2018 17:29
Operator : VA/AP
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Misc : 5.28G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

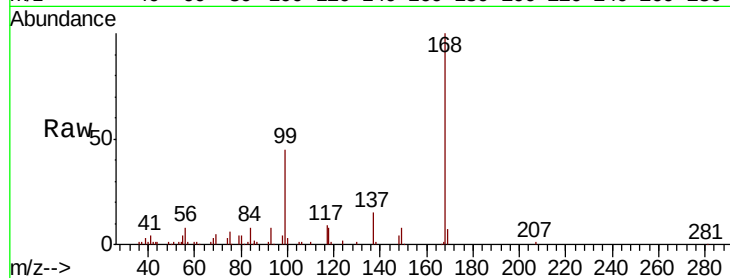
TP-A

Tot Ion:168 Resp: 50173

Ion Ratio Lower Upper

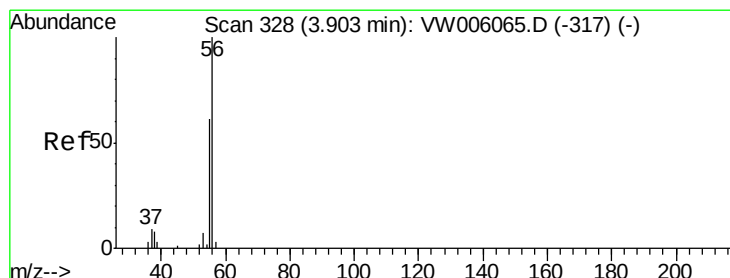
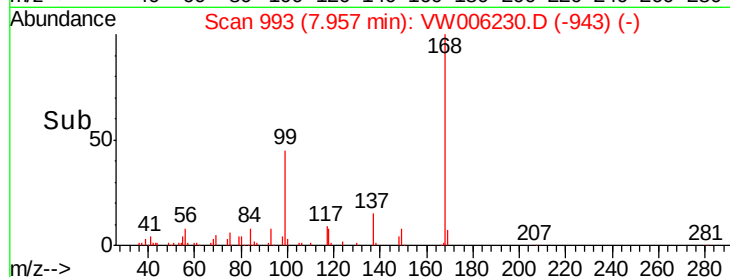
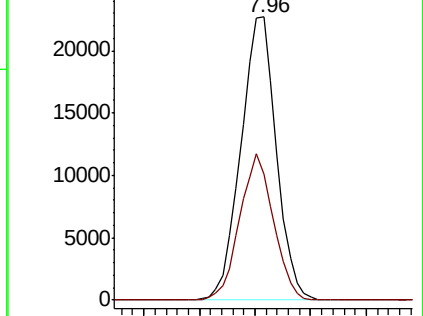
168 100

99 44.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 3.731 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006230.D

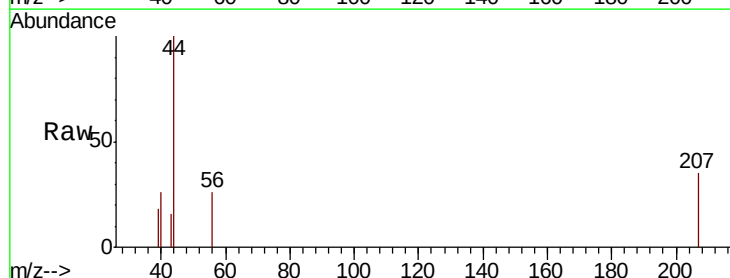
Acq: 19 Oct 2018 17:29

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

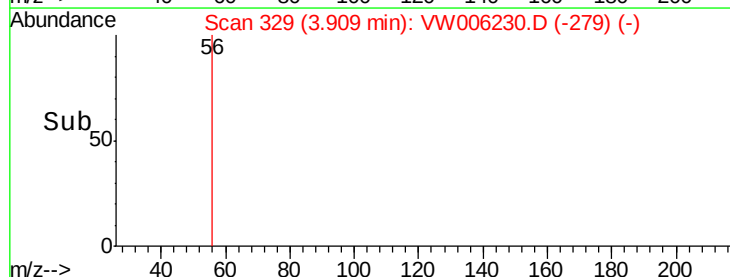
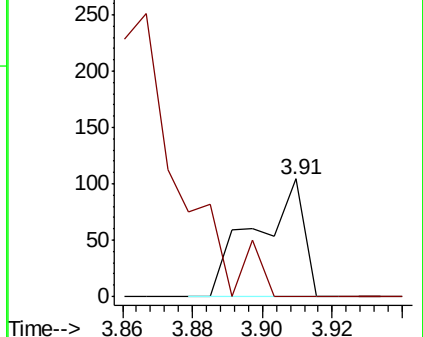
56 100

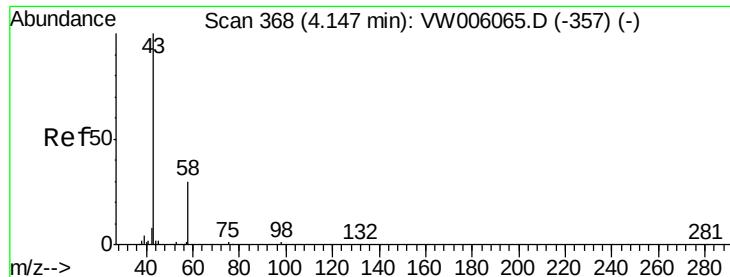
55 0.0 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

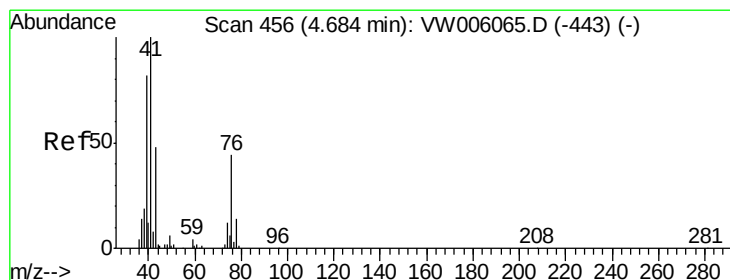
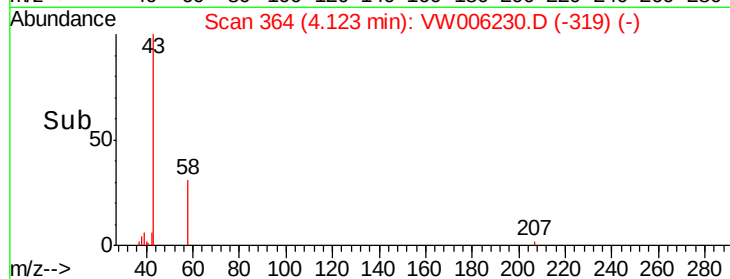
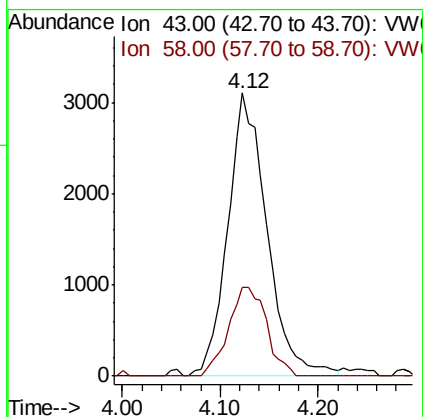
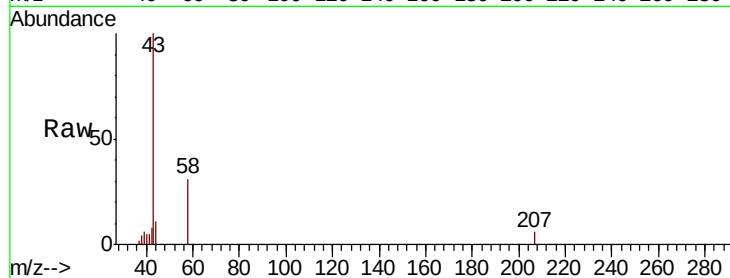




#16
Acetone
Concen: 101.623 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

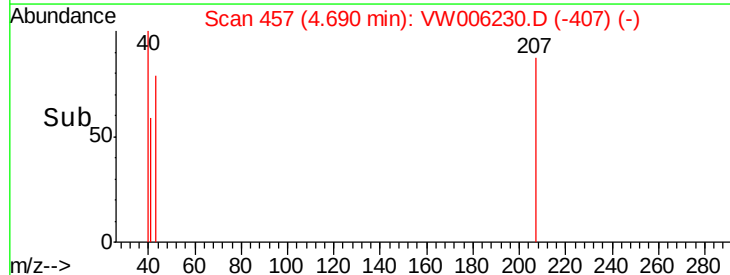
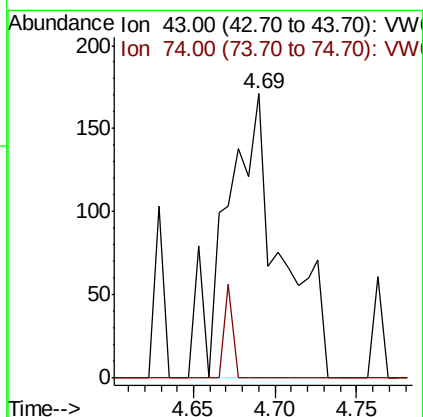
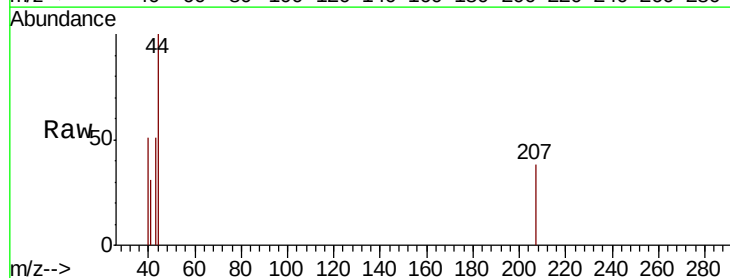
Instrument :
MSVOA_W
ClientSampled :
TP-A

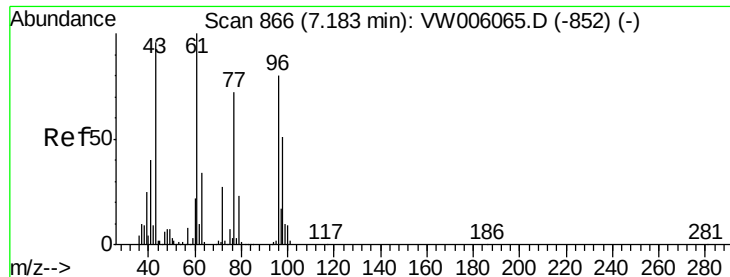
Tot Ion: 43 Resp: 8616
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0



#18
Methyl Acetate
Concen: 1.930 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 5.0 20.5 30.7#





#25

2-Butanone

Concen: 24.739 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

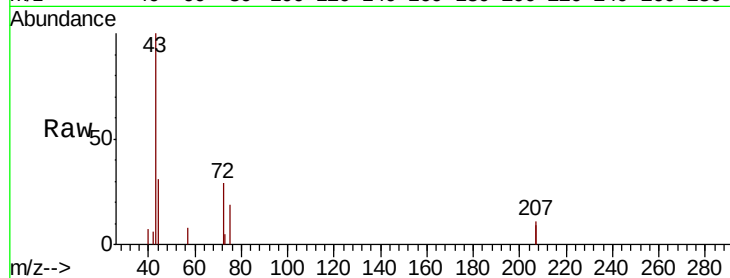
TP-A

Tot Ion: 43 Resp: 2780

Ion Ratio Lower Upper

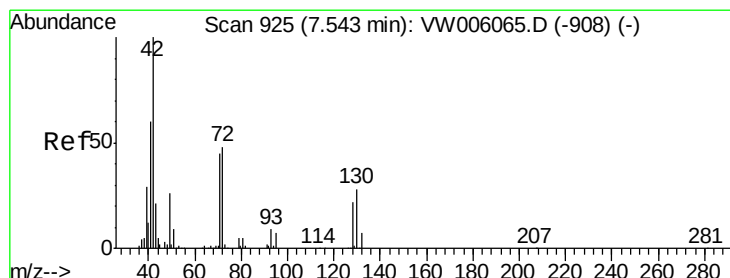
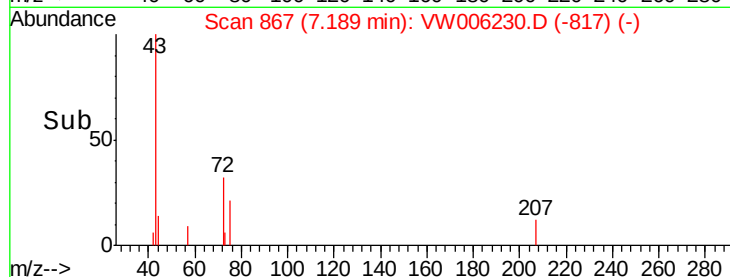
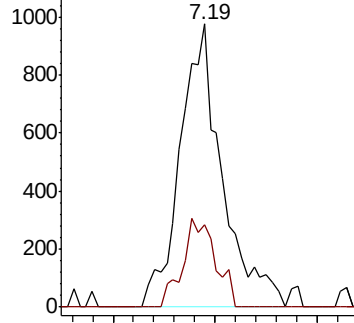
43 100

72 29.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.868 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

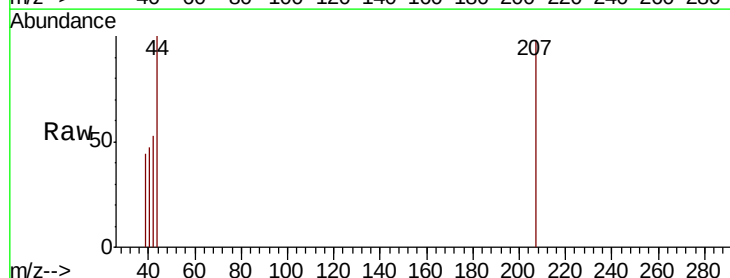
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

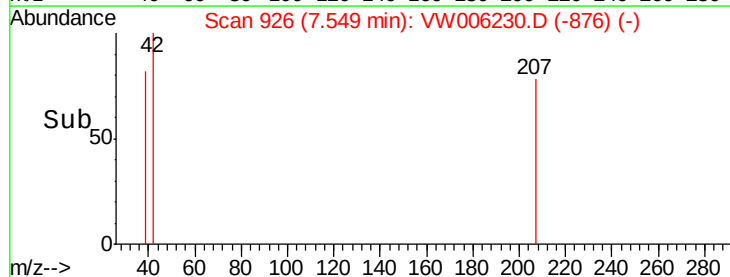
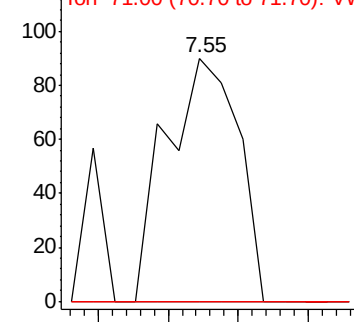
71 0.0 35.3 52.9#

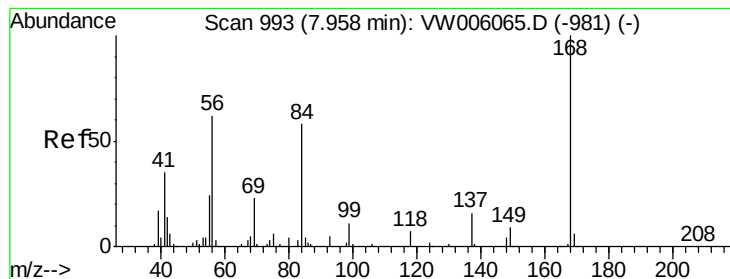


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 6.359 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-A

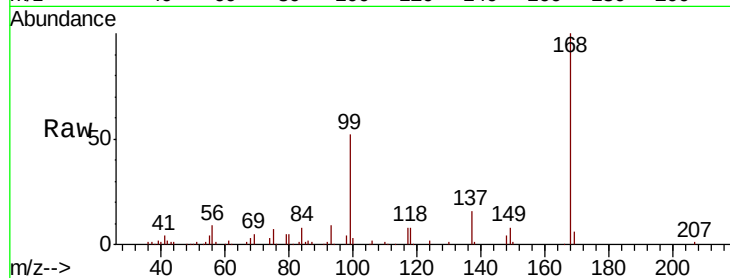
Tot Ion: 56 Resp: 4840

Ion Ratio Lower Upper

56 100

69 55.1 29.4 44.0#

84 86.1 74.0 111.0

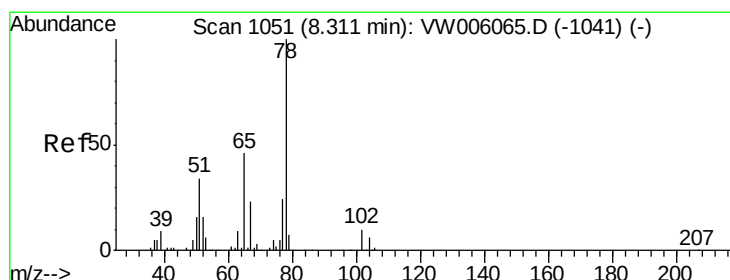
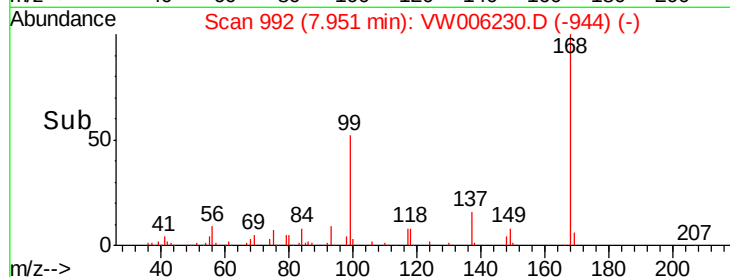
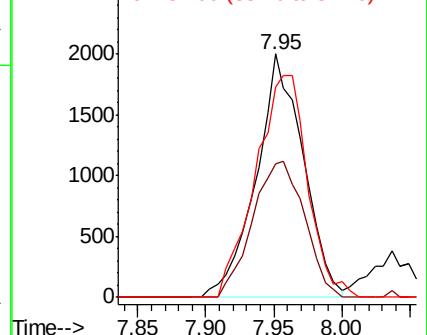


Abundance

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: 54.005 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006230.D

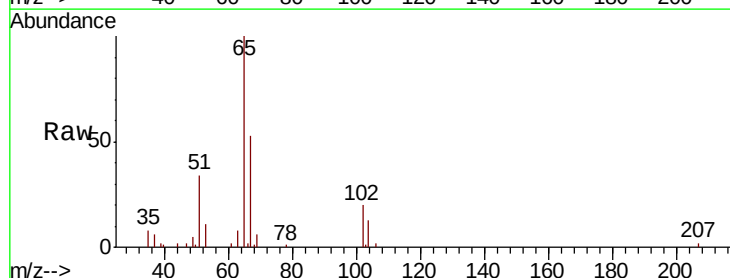
Acq: 19 Oct 2018 17:29

Tgt Ion: 65 Resp: 22464

Ion Ratio Lower Upper

65 100

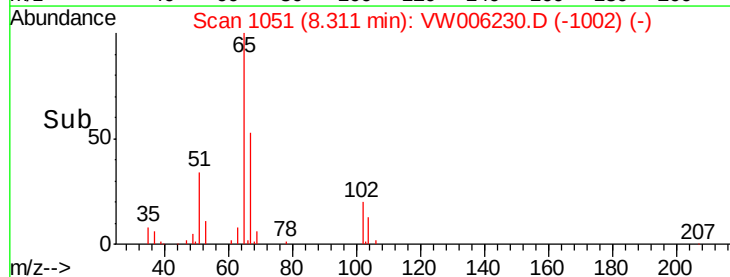
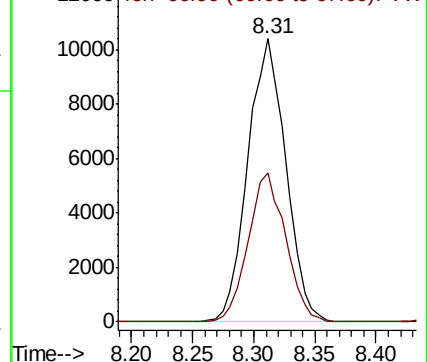
67 52.0 0.0 101.0

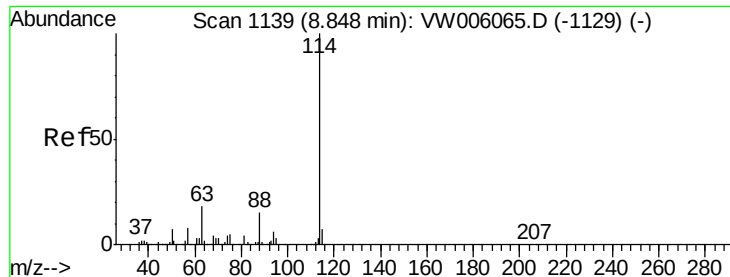


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

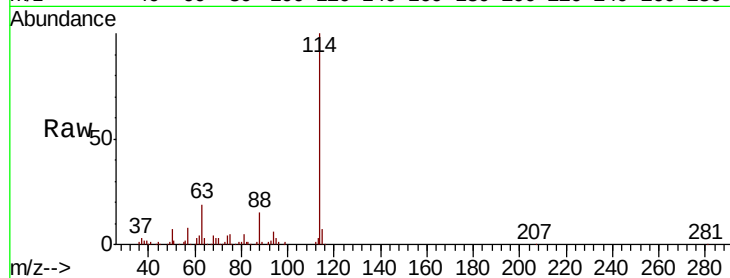




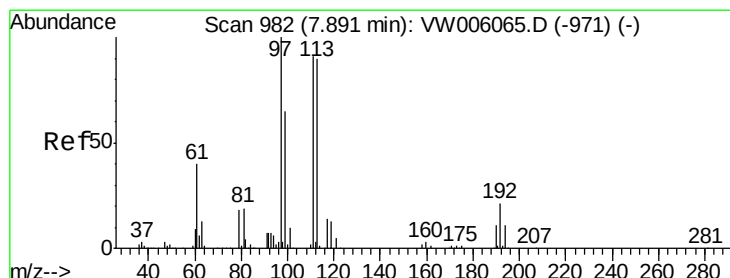
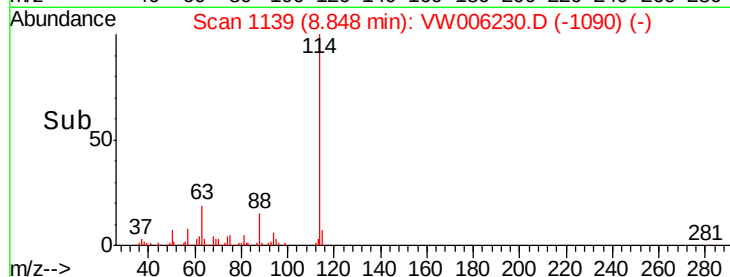
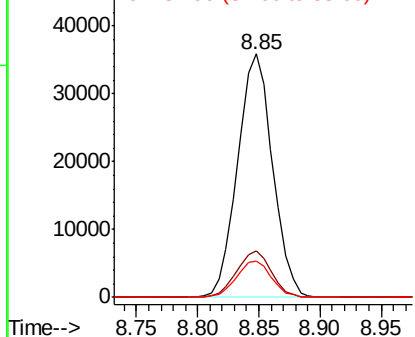
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Tot Ion:	114	Resp:	71196
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	36.8
88	14.8	0.0	29.0

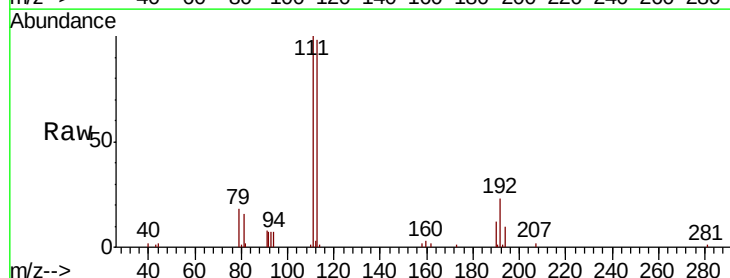


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

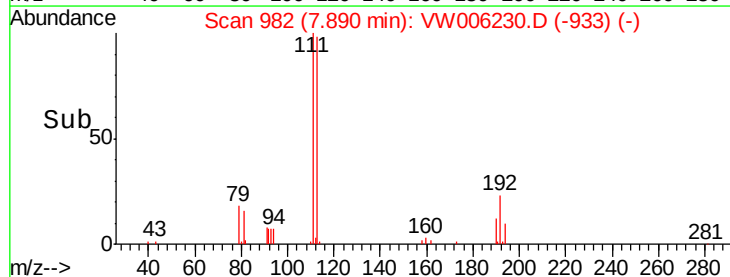
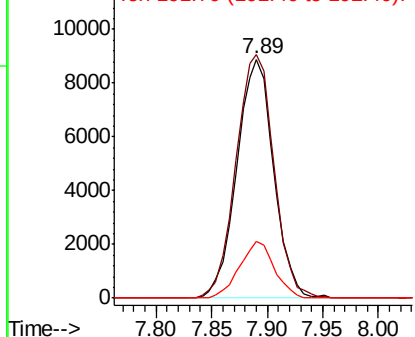


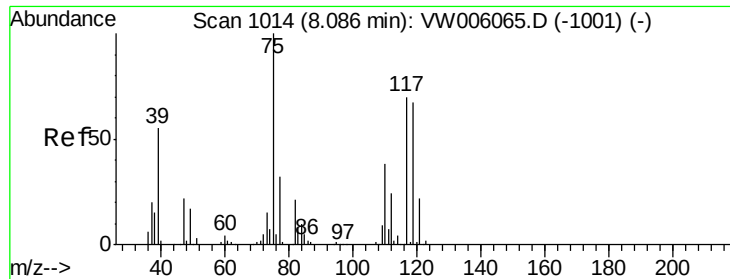
#35
 Dibromofluoromethane
 Concen: 48.441 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Tgt Ion:	113	Resp:	20379
Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.4	122.0
192	22.5	18.7	28.1



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: 5.422 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

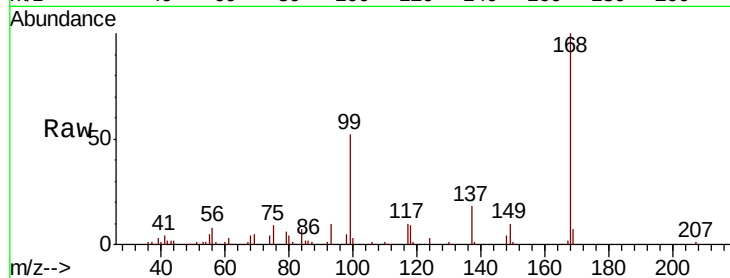
Tot Ion: 75 Resp: 3558

Ion Ratio Lower Upper

75 100

110 1.9 19.1 57.1#

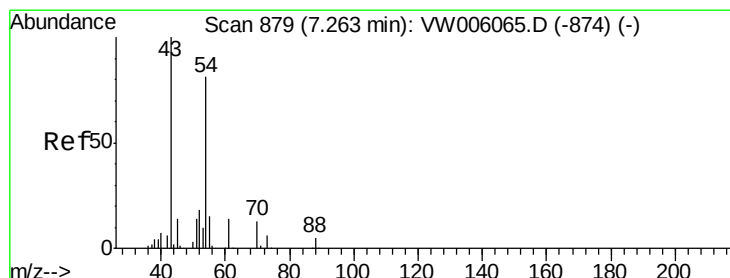
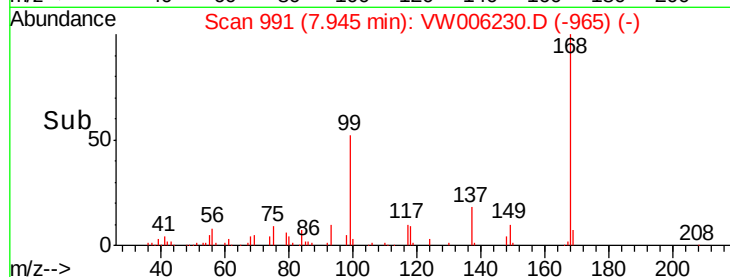
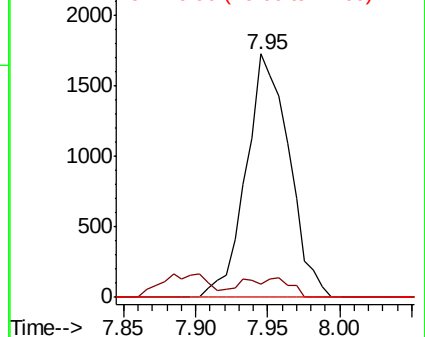
77 0.0 25.0 37.4#



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: 11.402 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

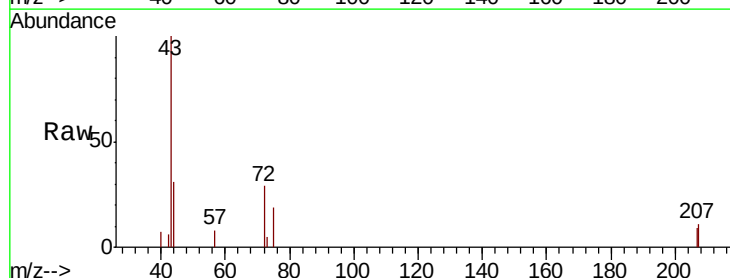
Tgt Ion: 43 Resp: 2780

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

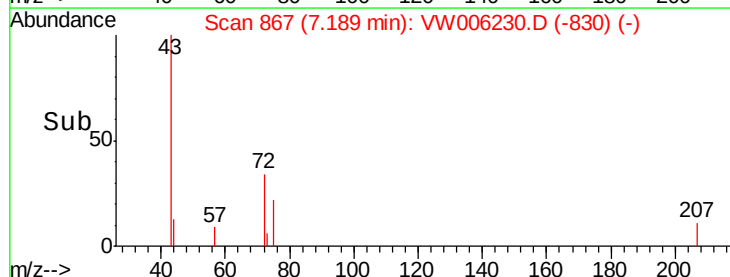
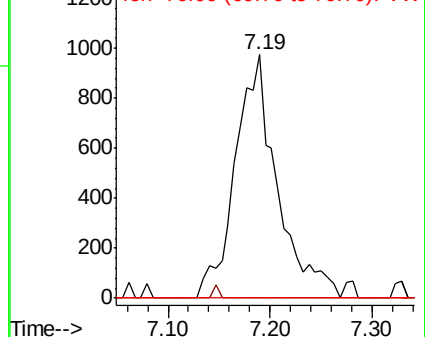
70 0.0 9.2 13.8#

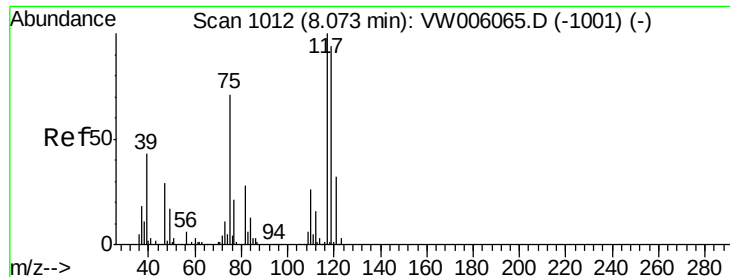


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

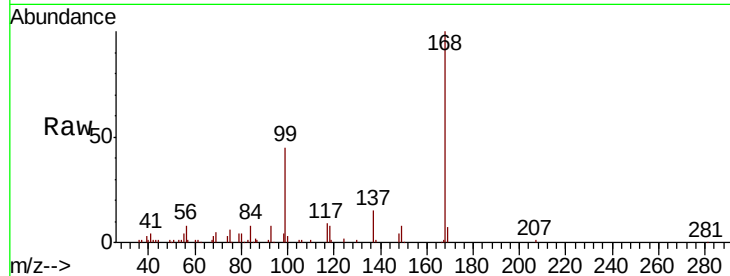
Tot Ion:117 Resp: 4482

Ion Ratio Lower Upper

117 100

119 6.6 75.2 112.8#

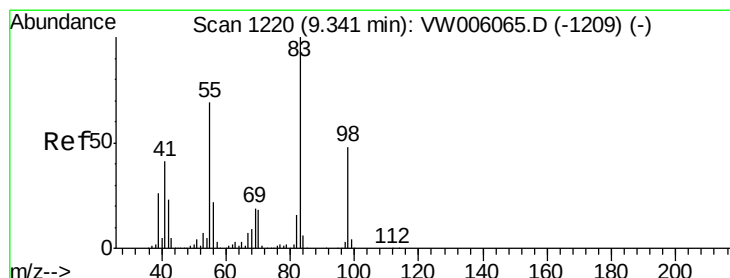
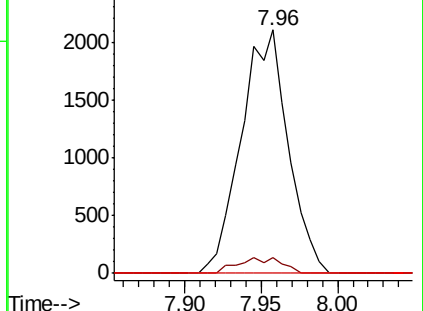
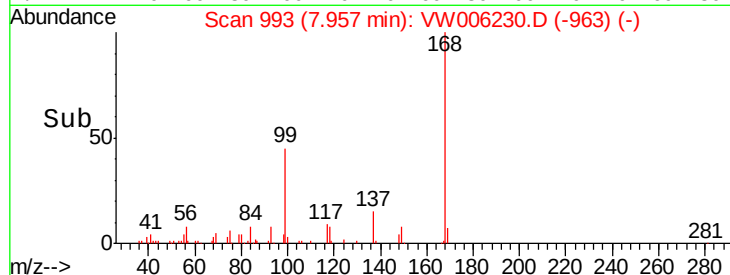
121 0.0 25.3 37.9#



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: 11.905 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

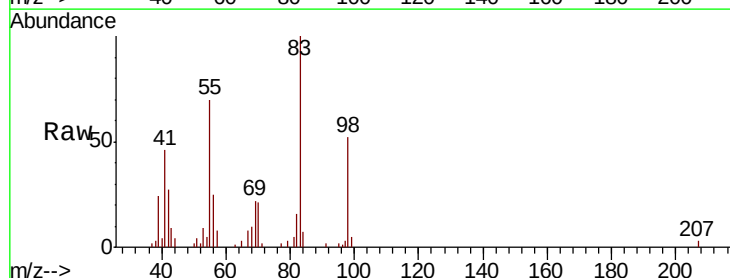
Tgt Ion: 83 Resp: 10385

Ion Ratio Lower Upper

83 100

55 67.3 55.0 82.6

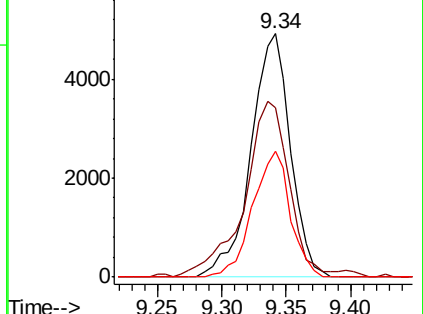
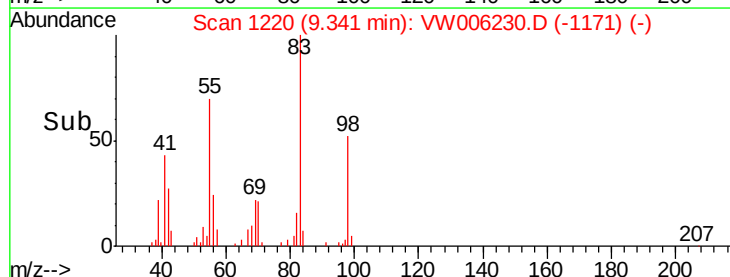
98 51.5 38.6 57.8

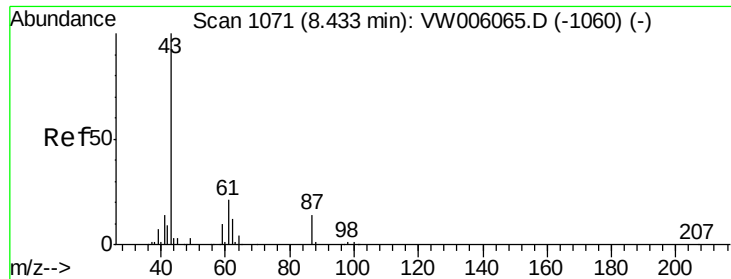


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 1.029 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

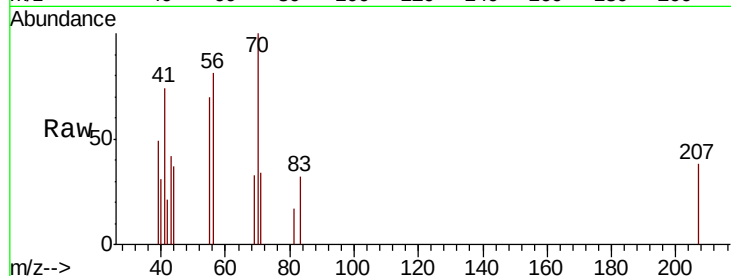
Tot Ion: 43 Resp: 513

Ion Ratio Lower Upper

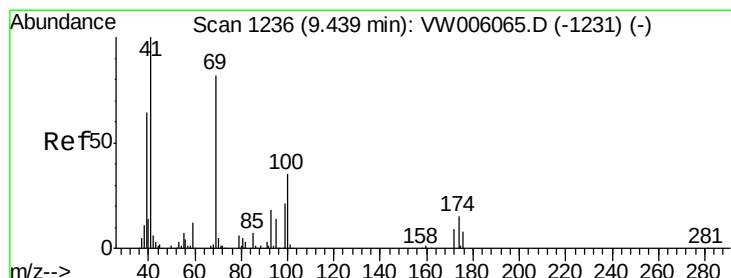
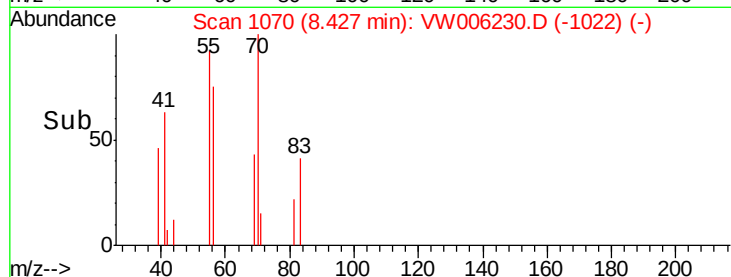
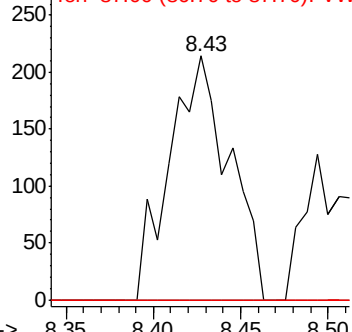
43 100

61 0.0 25.5 38.3#

87 0.0 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 1.316 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.05 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

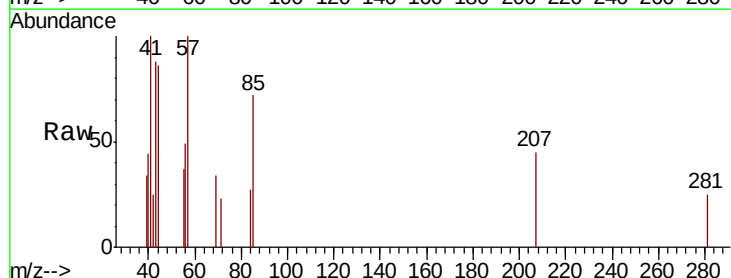
Tgt Ion: 41 Resp: 311

Ion Ratio Lower Upper

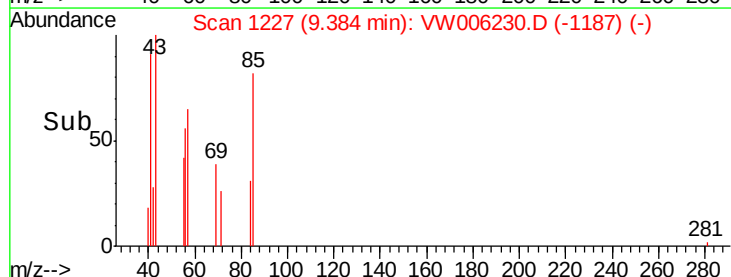
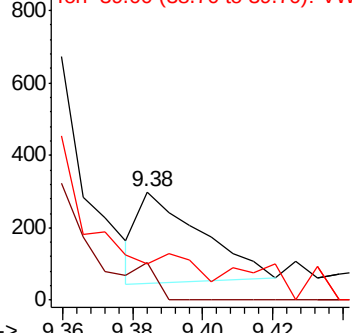
41 100

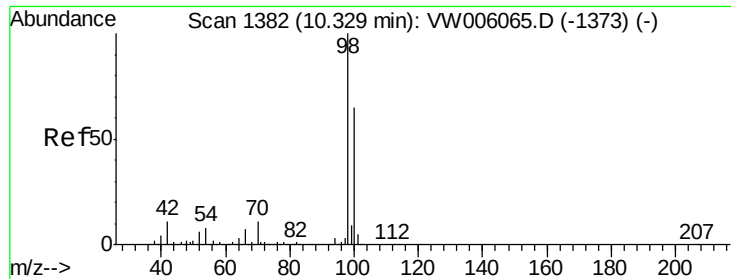
69 0.0 71.8 107.8#

39 0.0 52.5 78.7#



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

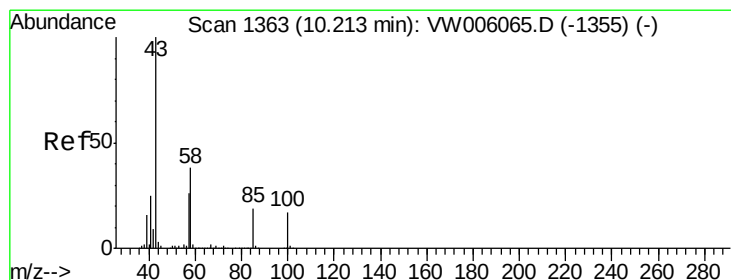
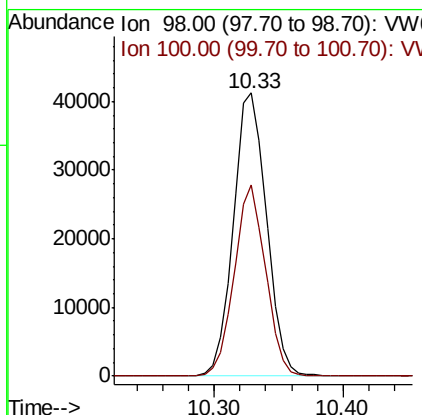
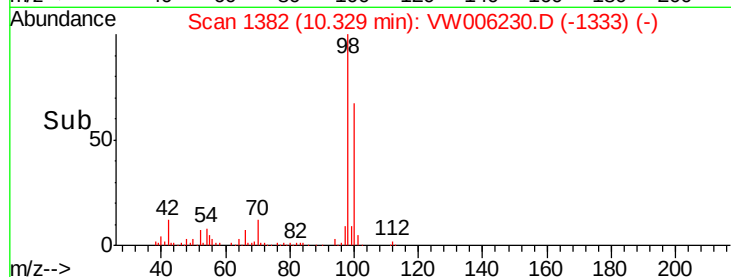
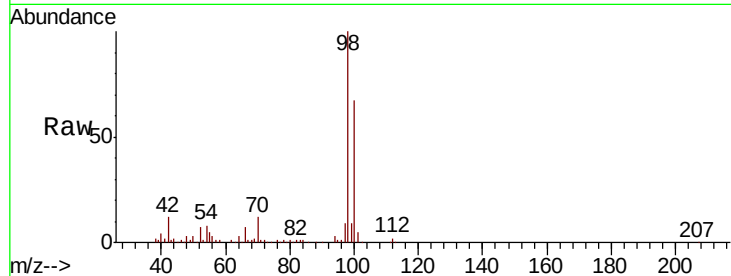




#50
Toluene-d8
Concen: 45.940 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

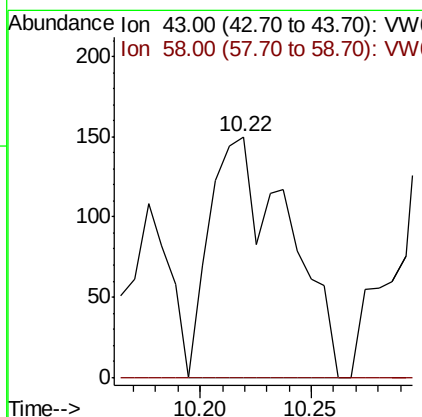
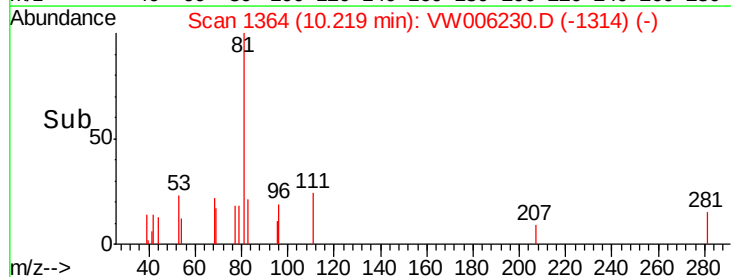
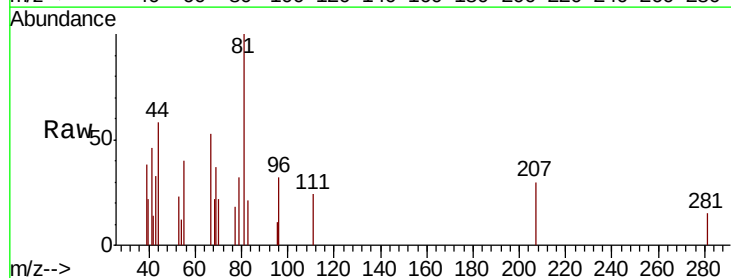
Instrument :
MSVOA_W
ClientSampled :
TP-A

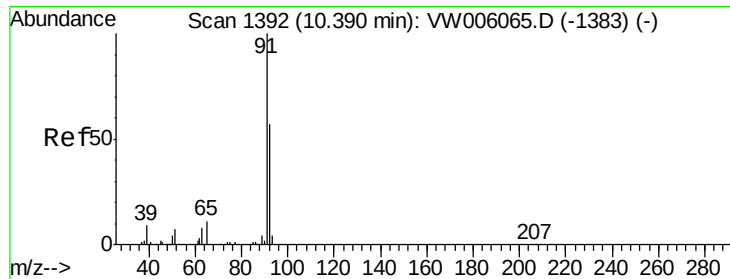
Tot Ion: 98 Resp: 73528
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.461 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 31.5 47.3#





#52

Toluene

Concen: 2.370 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

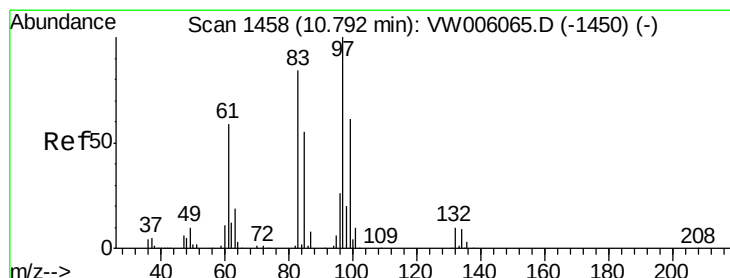
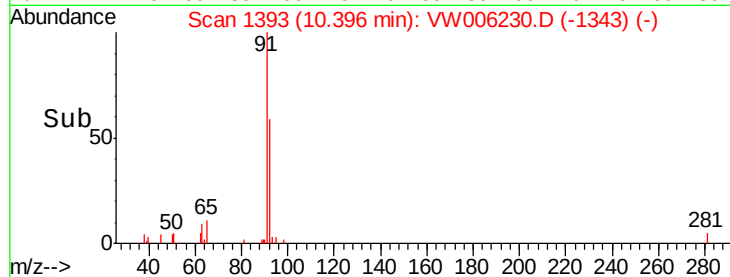
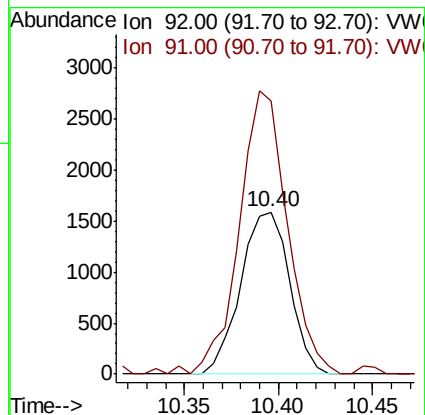
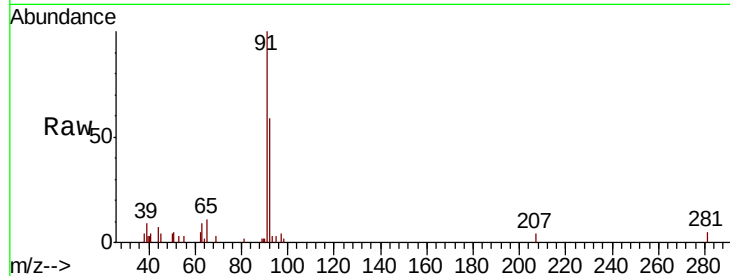
TP-A

Tot Ion: 92 Resp: 2860

Ion Ratio Lower Upper

92 100

91 171.8 140.0 210.0



#55

1,1,2-Trichloroethane

Concen: 7.670 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Tgt Ion: 97 Resp: 2635

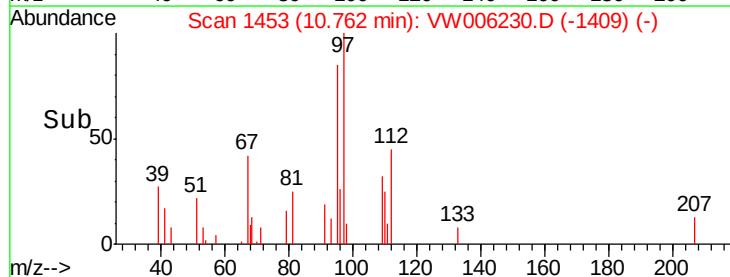
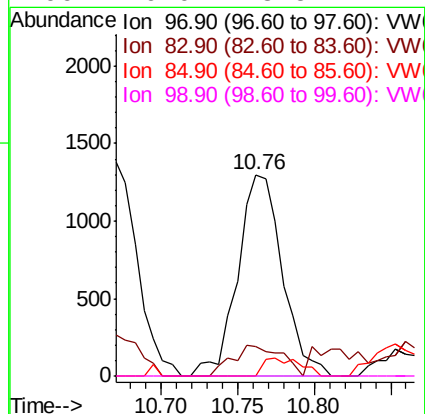
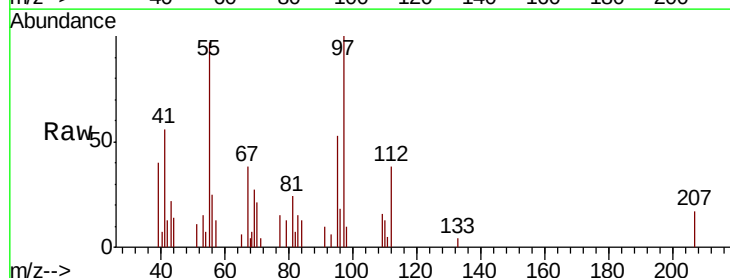
Ion Ratio Lower Upper

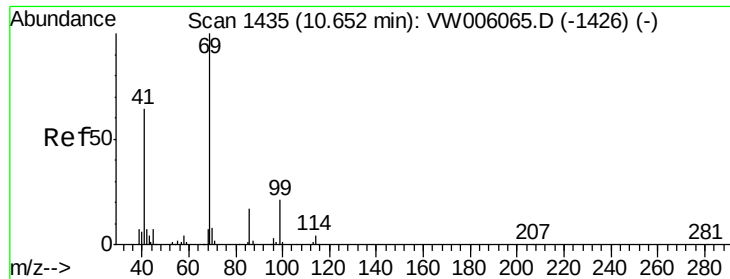
97 100

83 14.9 67.2 100.8#

85 0.0 43.7 65.5#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 2.825 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

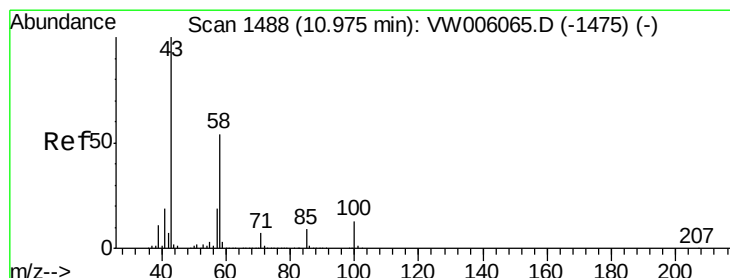
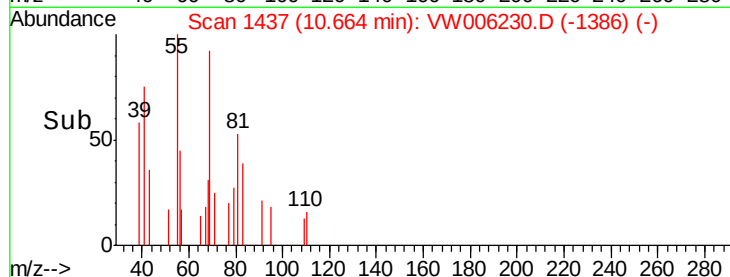
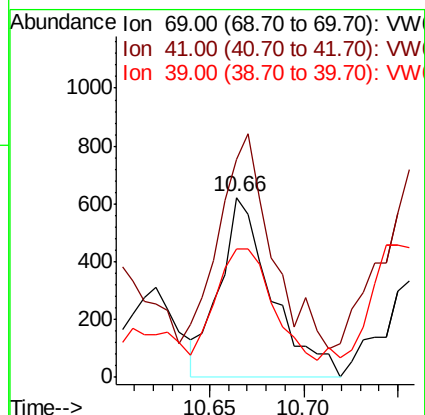
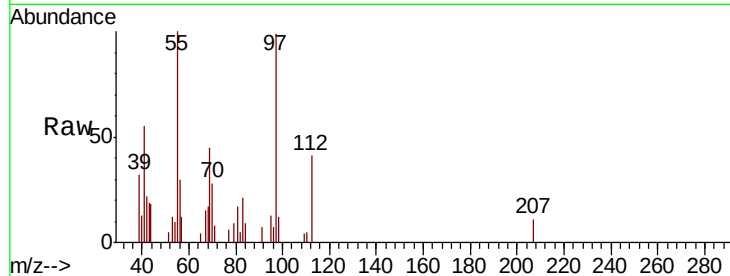
Tot Ion: 69 Resp: 1190

Ion Ratio Lower Upper

69 100

41 119.1 52.8 79.2#

39 77.1 30.6 45.8#



#59

2-Hexanone

Concen: 7.302 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW006230.D

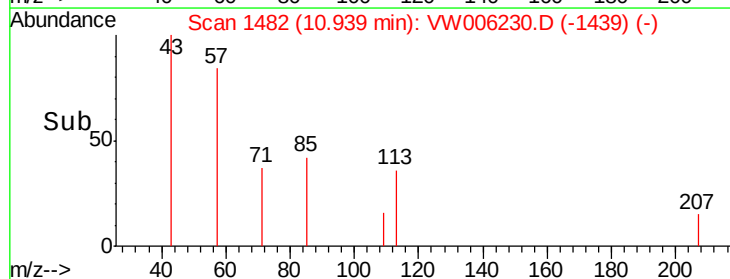
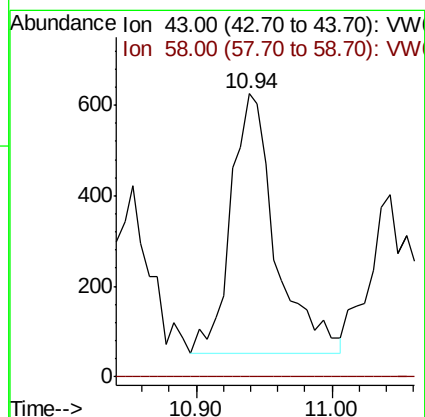
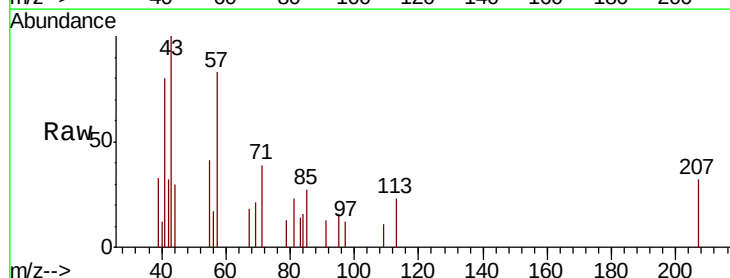
Acq: 19 Oct 2018 17:29

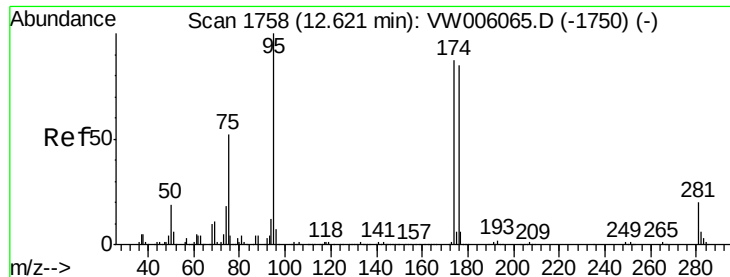
Tgt Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

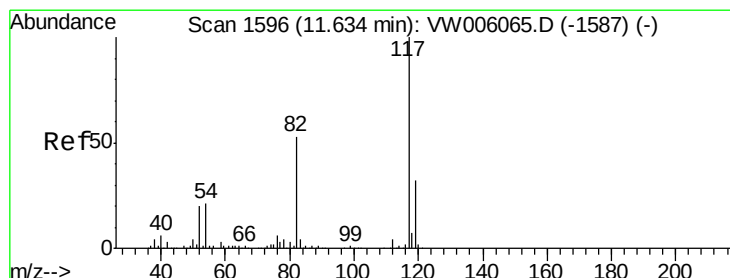
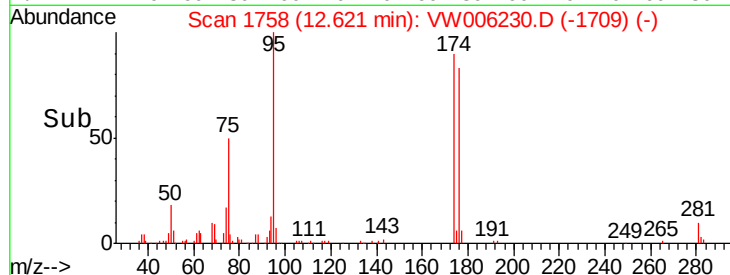
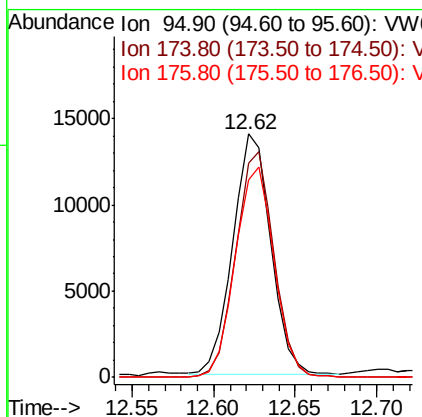
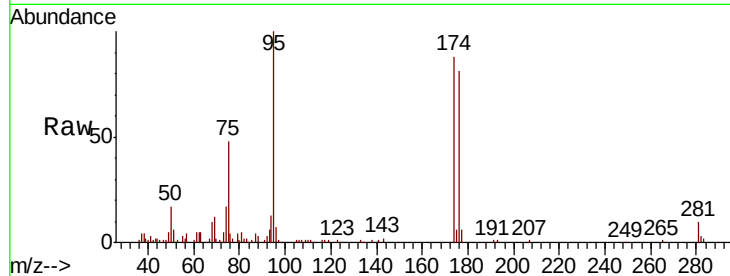




#62
4-Bromofluorobenzene
Concen: 37.455 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

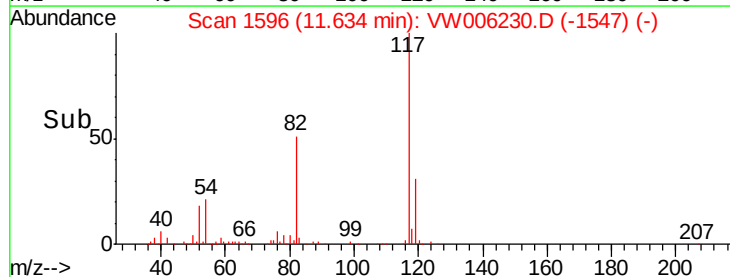
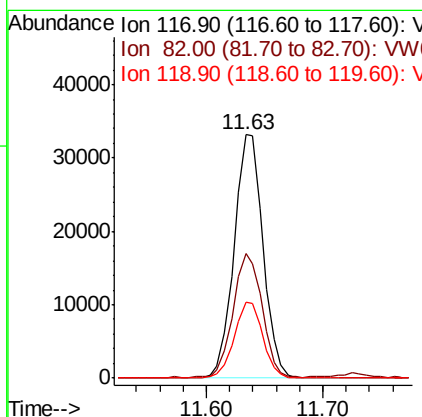
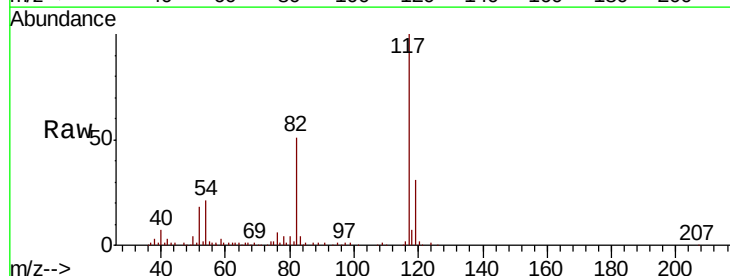
Instrument :
MSVOA_W
ClientSampleId :
TP-A

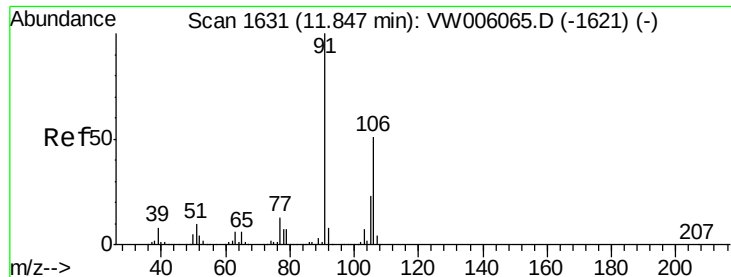
Tot Ion: 95 Resp: 22516
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.0
176 90.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion: 117 Resp: 57461
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 31.4 25.8 38.6

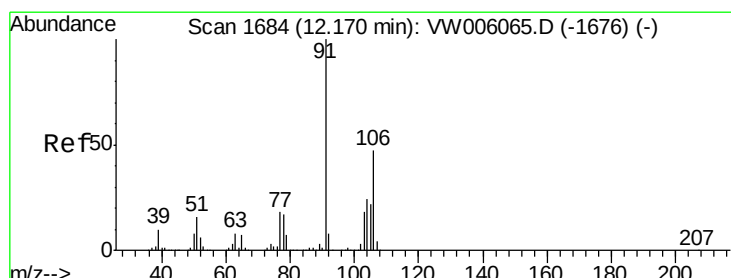
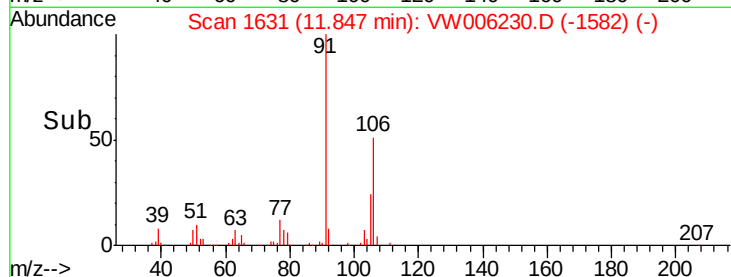
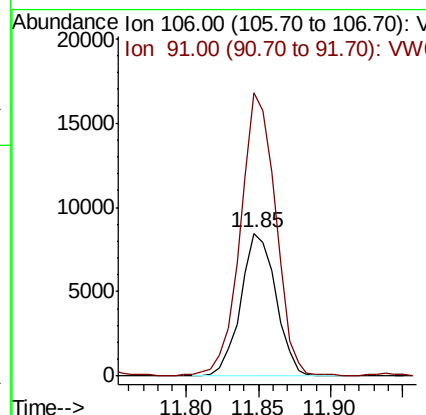
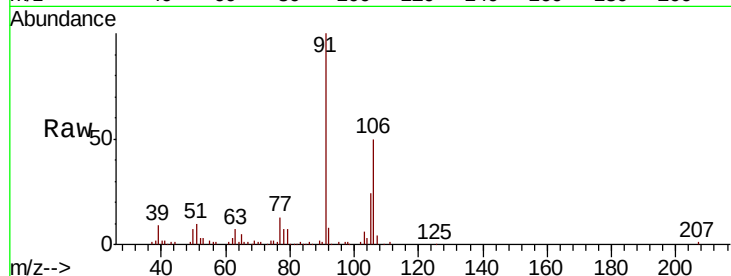




#68
m/p-Xylenes
Concen: 17.004 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

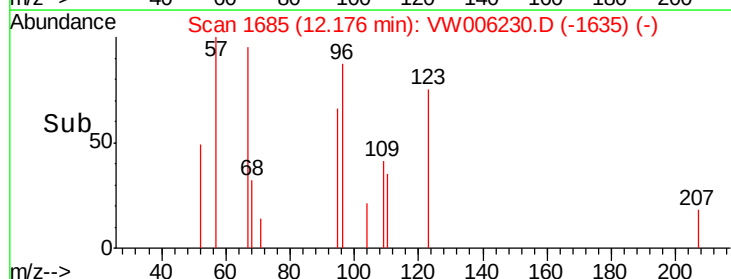
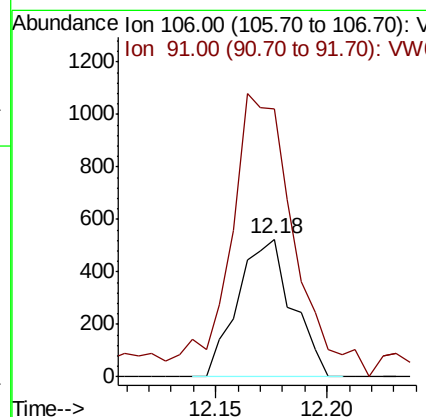
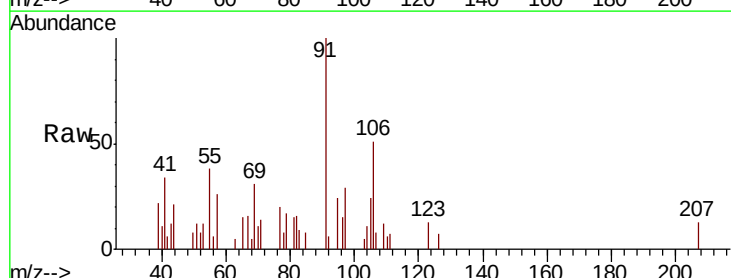
Instrument :
MSVOA_W
ClientSampled :
TP-A

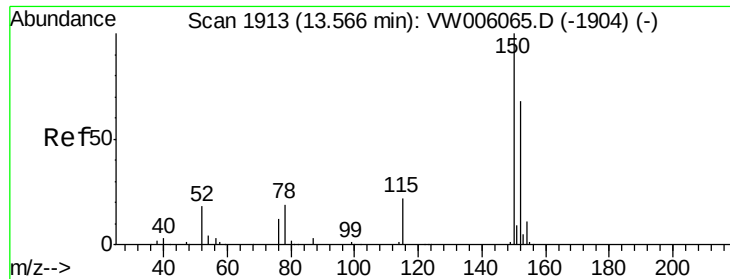
Tot Ion:106 Resp: 14327
Ion Ratio Lower Upper
106 100
91 199.5 159.1 238.7



#69
o-Xylene
Concen: 1.110 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion:106 Resp: 891
Ion Ratio Lower Upper
106 100
91 240.9 105.4 316.1

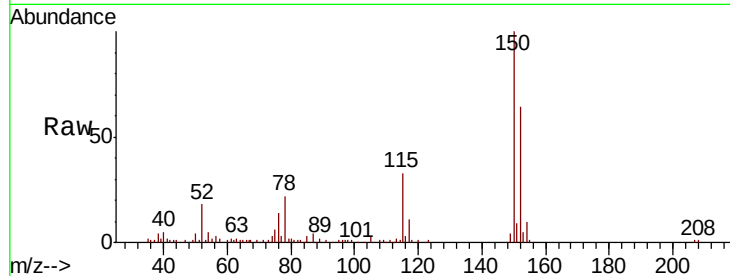




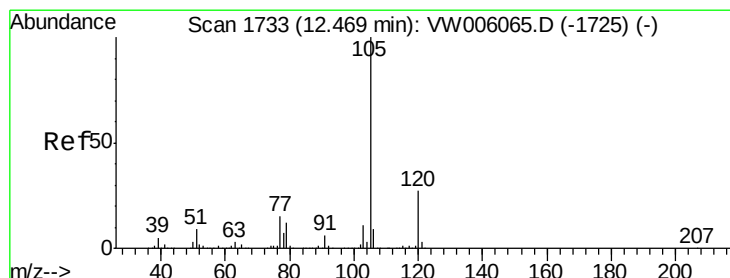
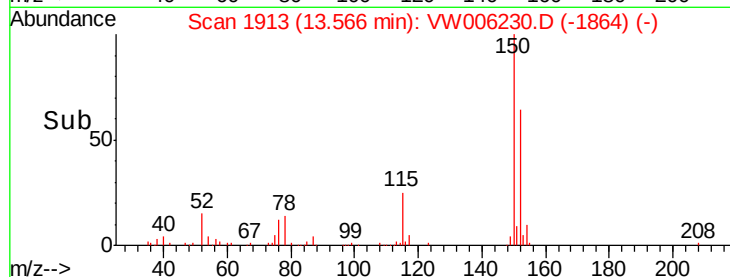
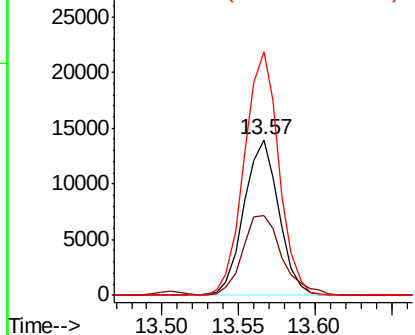
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Tot Ion:152 Resp: 22079
 Ion Ratio Lower Upper
 152 100
 115 58.8 27.8 83.3
 150 155.6 0.0 349.2

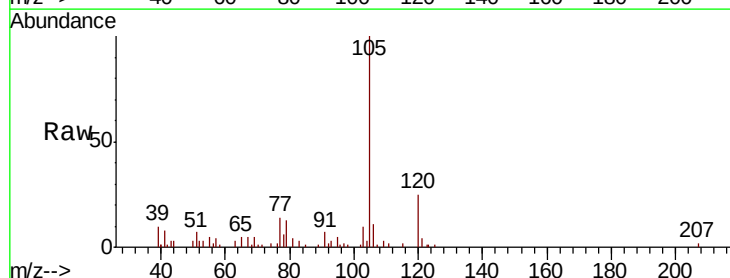


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

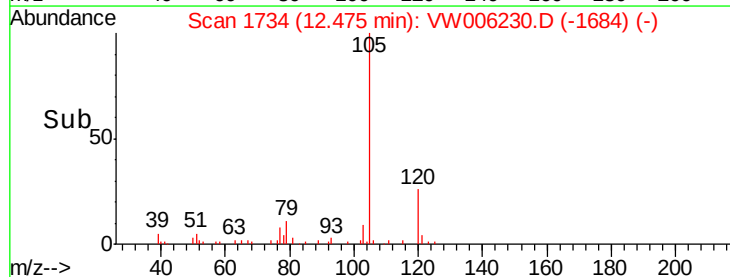
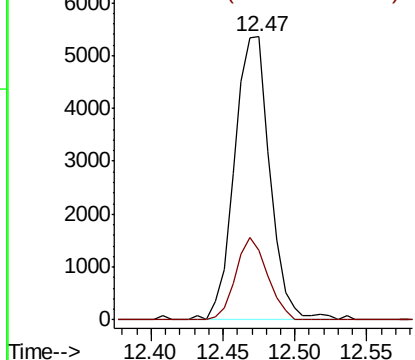


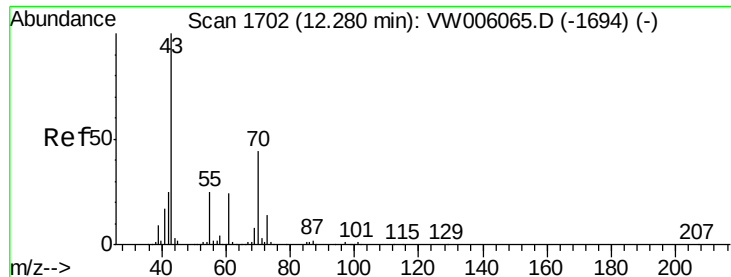
#73
 Isopropylbenzene
 Concen: 5.890 ug/l
 RT: 12.47 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Tgt Ion:105 Resp: 9188
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.185 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

Tot Ion: 43 Resp: 662

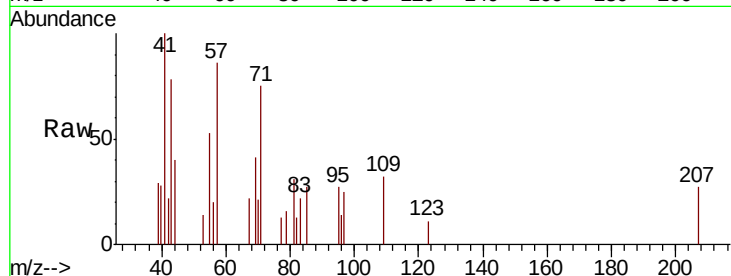
Ion Ratio Lower Upper

43 100

70 39.7 34.2 51.4

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#

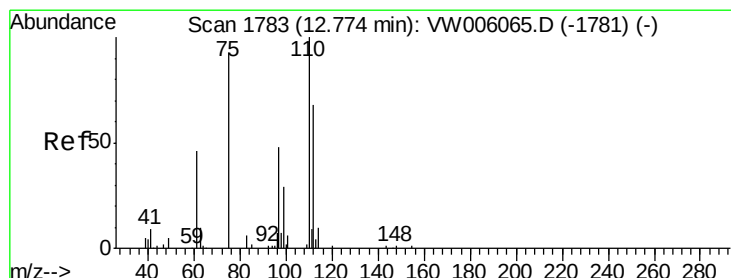
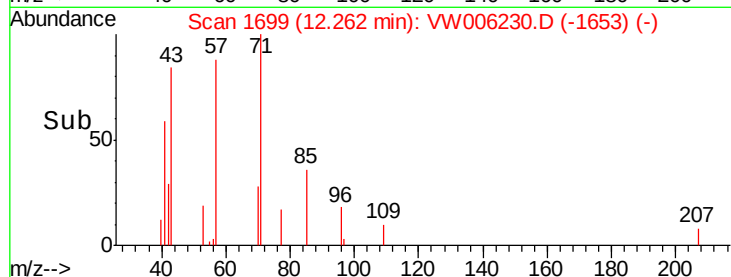
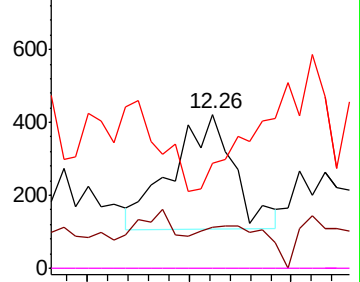


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 69.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006230.D

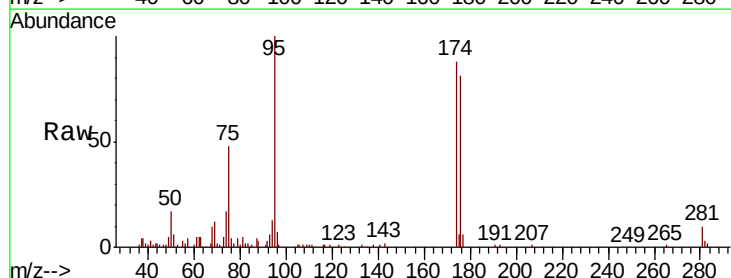
Acq: 19 Oct 2018 17:29

Tgt Ion: 75 Resp: 11643

Ion Ratio Lower Upper

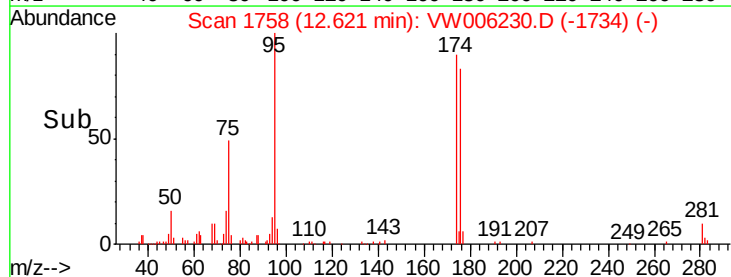
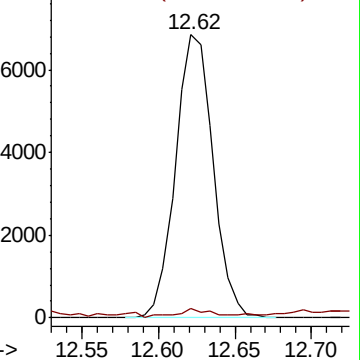
75 100

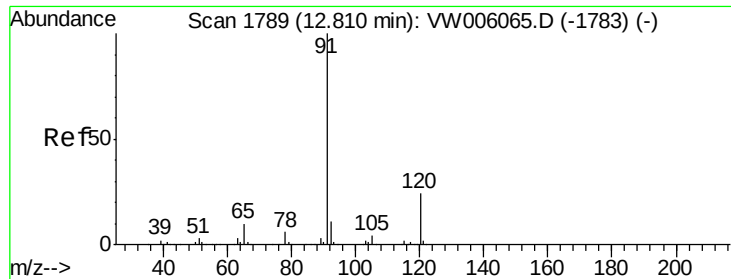
77 3.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 12.030 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

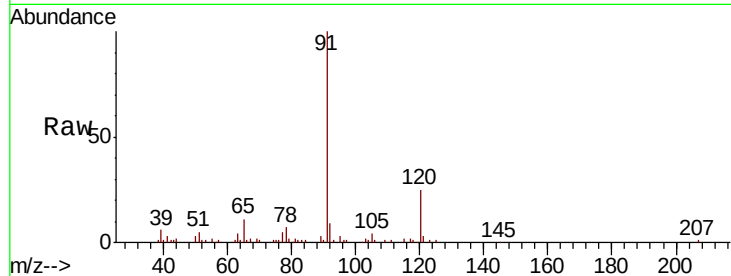
TP-A

Tot Ion: 91 Resp: 21831

Ion Ratio Lower Upper

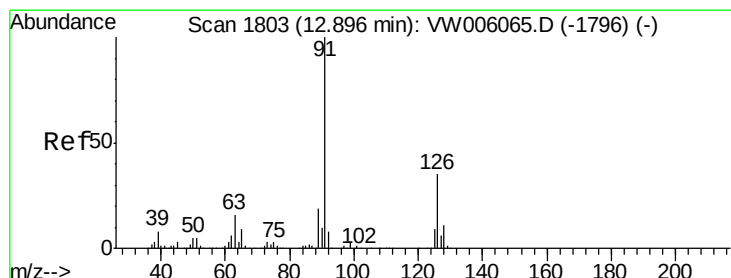
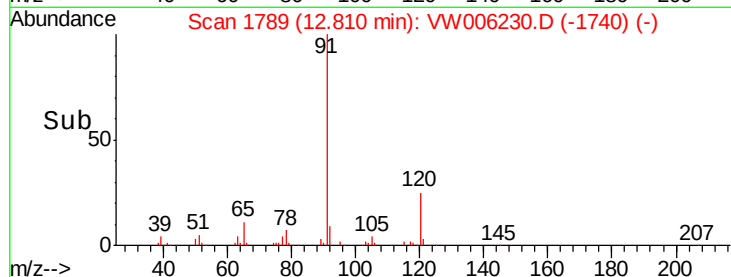
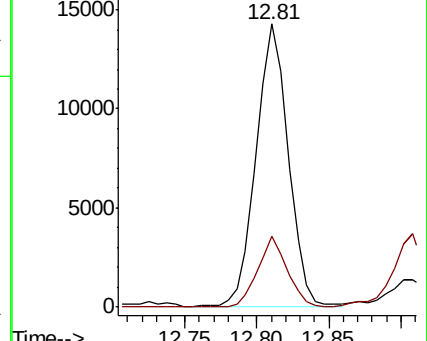
91 100

120 23.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.290 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VW006230.D

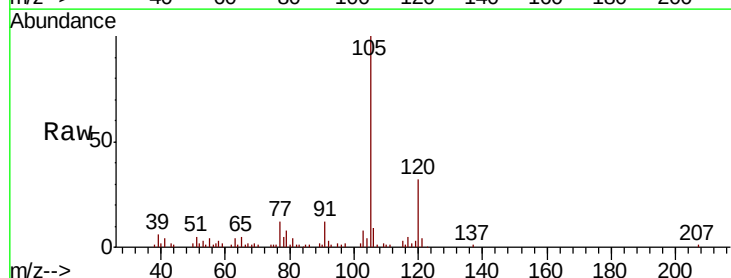
Acq: 19 Oct 2018 17:29

Tgt Ion: 91 Resp: 2335

Ion Ratio Lower Upper

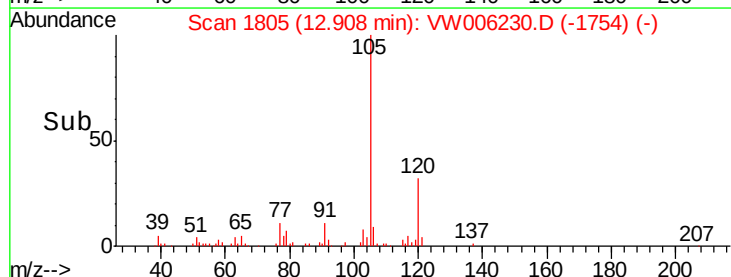
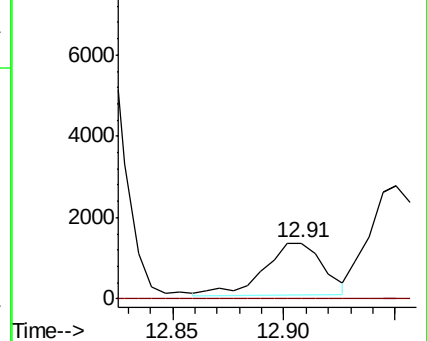
91 100

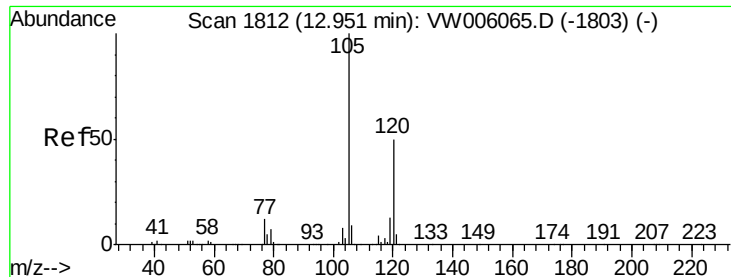
126 0.0 17.9 53.8#



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: 30.538 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

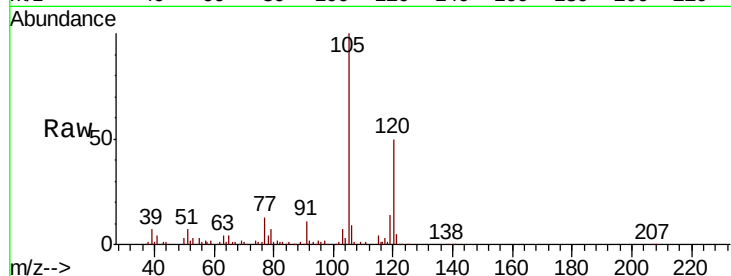
TP-A

Tot Ion:105 Resp: 40156

Ion Ratio Lower Upper

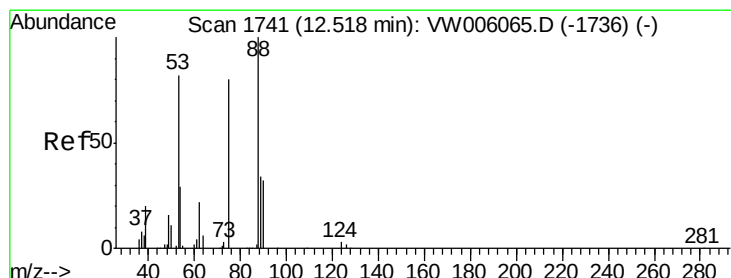
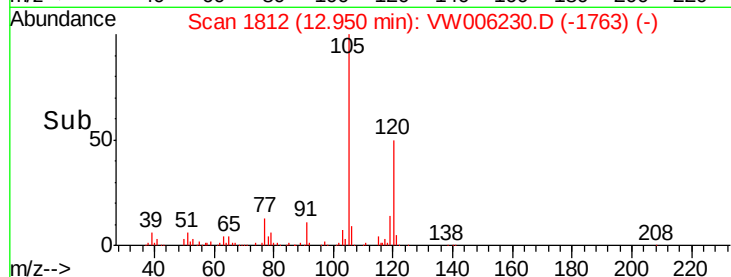
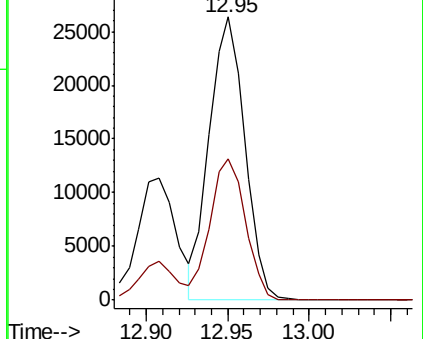
105 100

120 49.6 24.9 74.6



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: 165.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

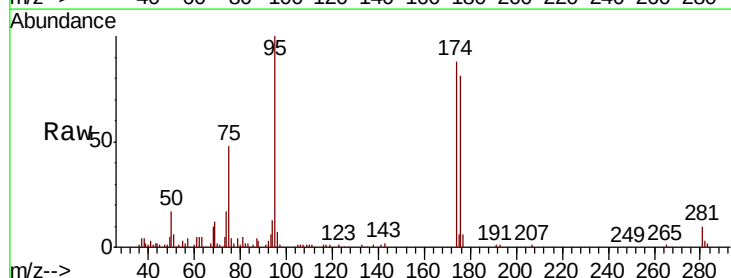
Tgt Ion: 75 Resp: 11643

Ion Ratio Lower Upper

75 100

53 1.5 79.8 119.6#

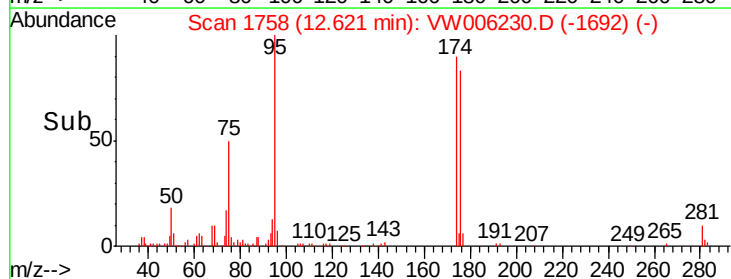
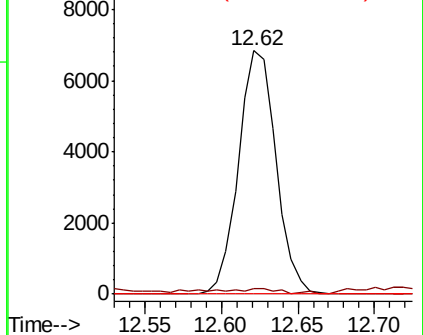
89 0.0 37.5 56.3#

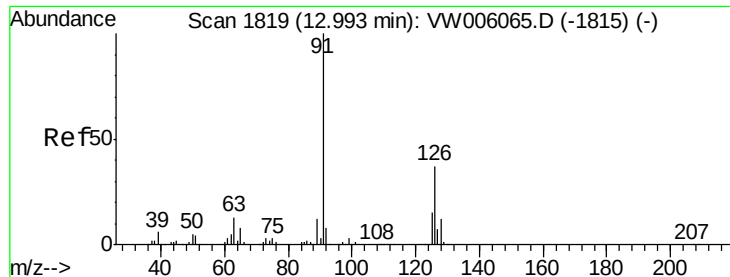


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 3.936 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

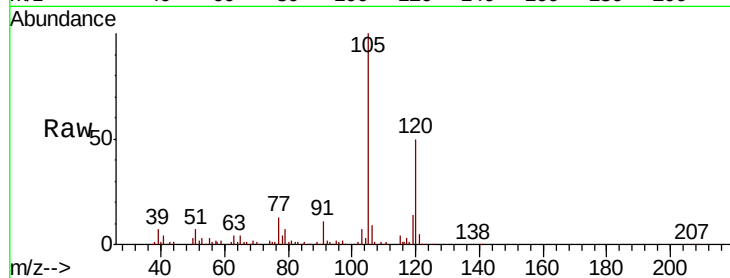
TP-A

Tot Ion: 91 Resp: 4204

Ion Ratio Lower Upper

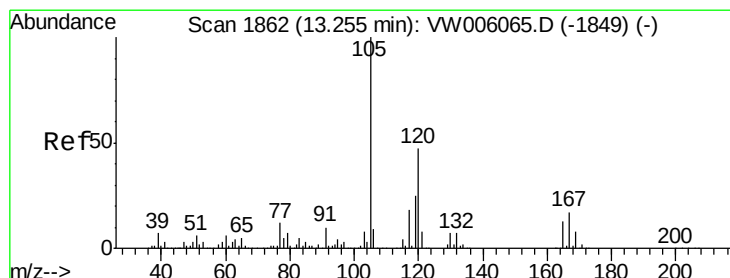
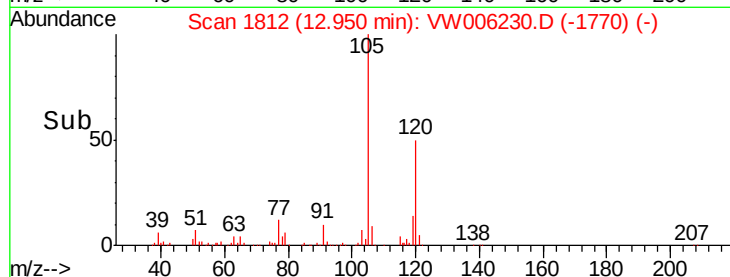
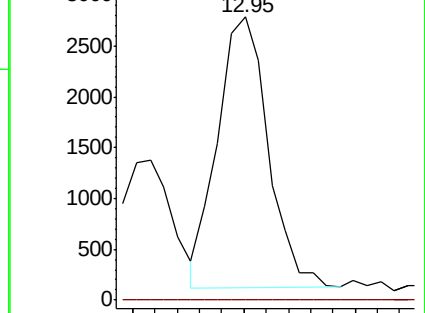
91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 76.033 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006230.D

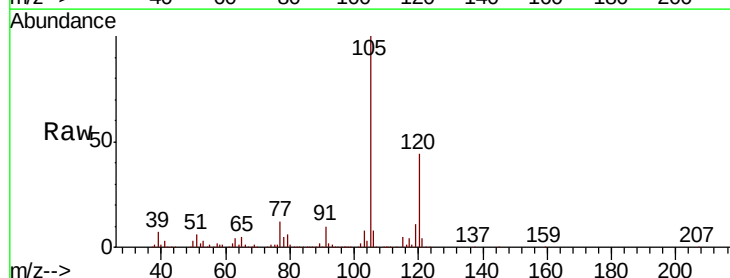
Acq: 19 Oct 2018 17:29

Tgt Ion: 105 Resp: 101171

Ion Ratio Lower Upper

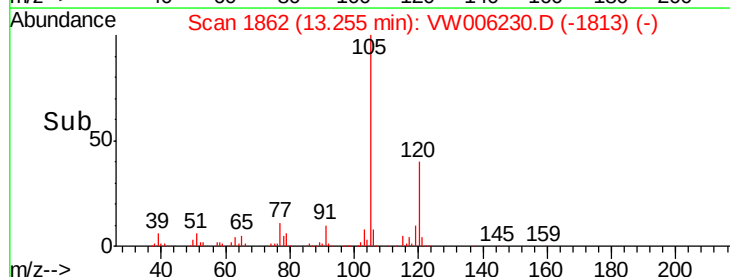
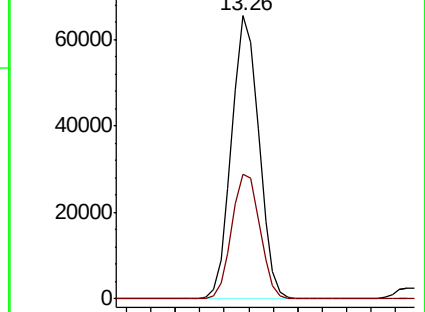
105 100

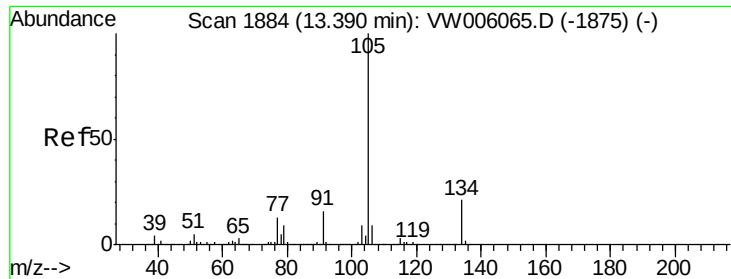
120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.482 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

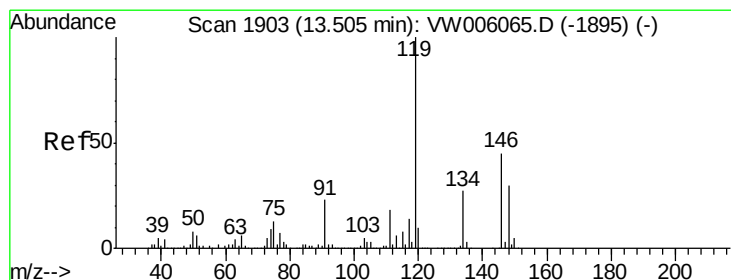
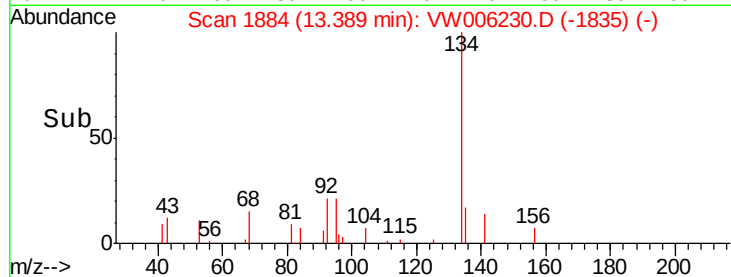
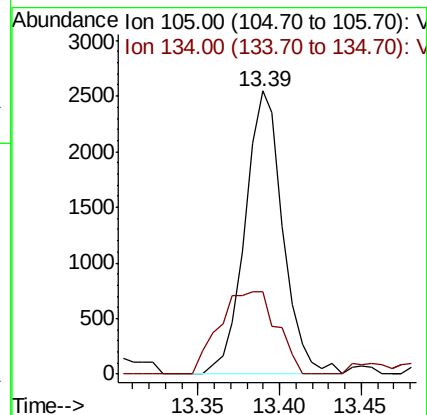
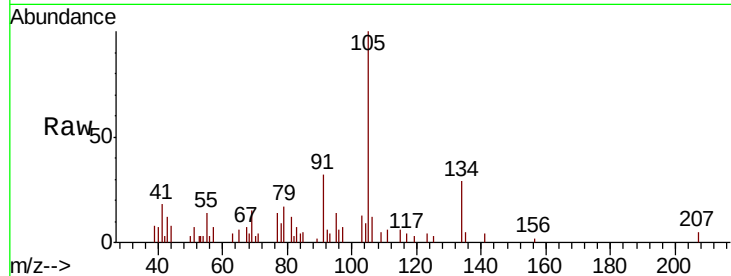
TP-A

Tot Ion:105 Resp: 4125

Ion Ratio Lower Upper

105 100

134 44.0 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 3.117 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

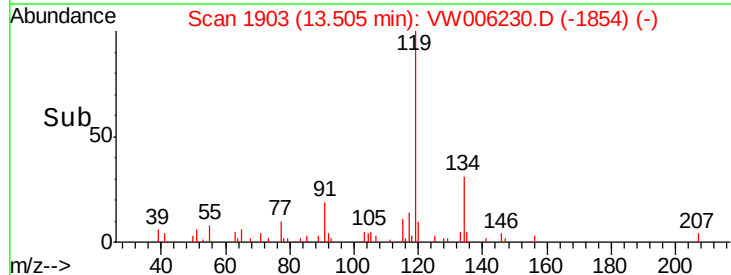
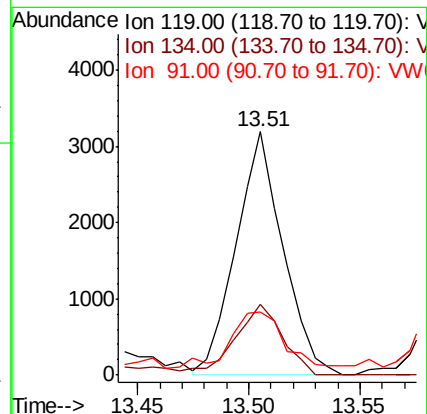
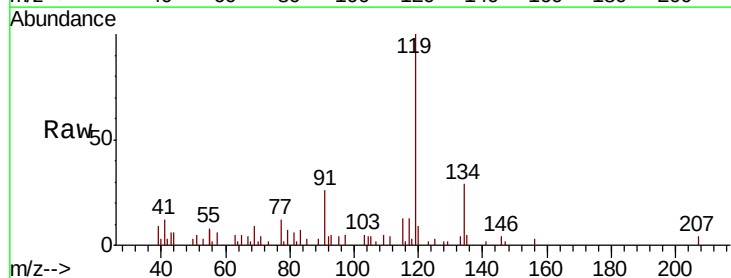
Tgt Ion:119 Resp: 4686

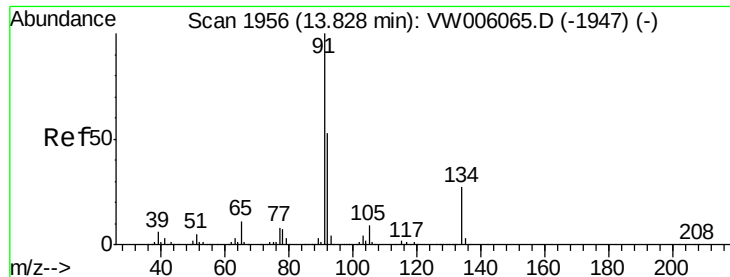
Ion Ratio Lower Upper

119 100

134 29.3 13.4 40.2

91 24.1 11.4 34.1





#89

n-Butylbenzene

Concen: 2.248 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-A

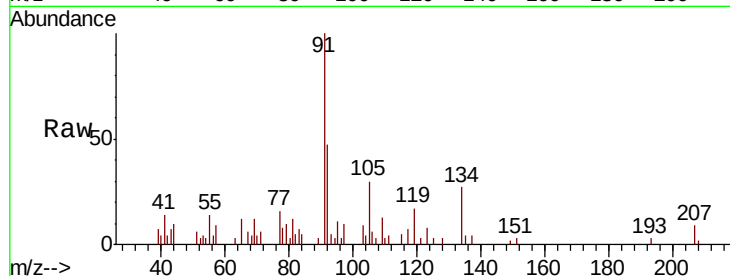
Tot Ion: 91 Resp: 3091

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

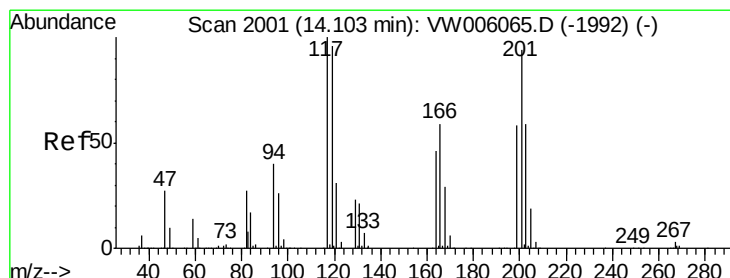
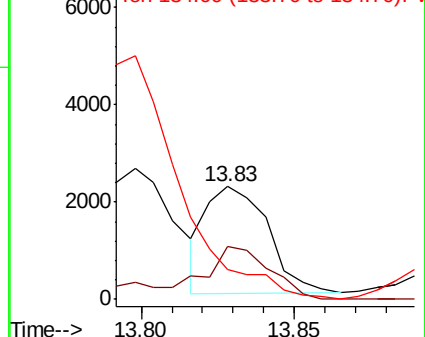
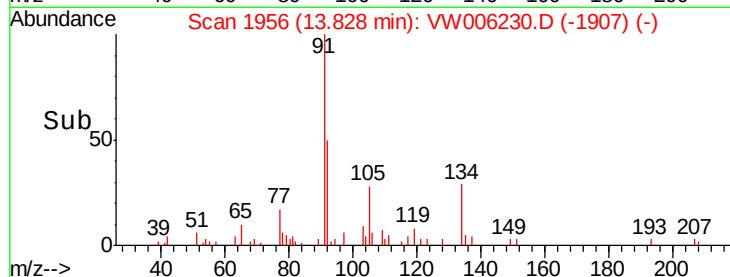
134 0.0 14.0 41.9#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 6.998 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW006230.D

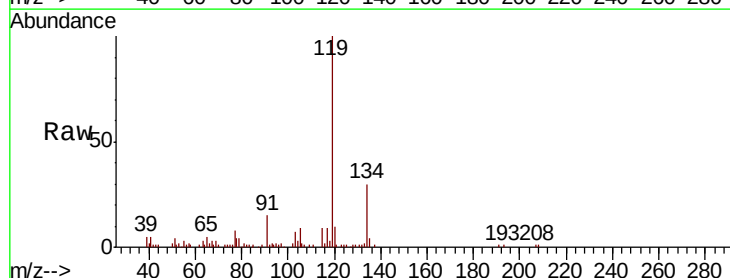
Acq: 19 Oct 2018 17:29

Tgt Ion: 117 Resp: 1782

Ion Ratio Lower Upper

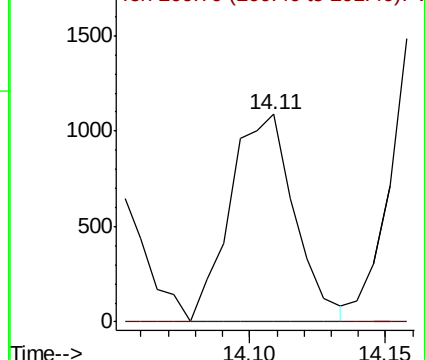
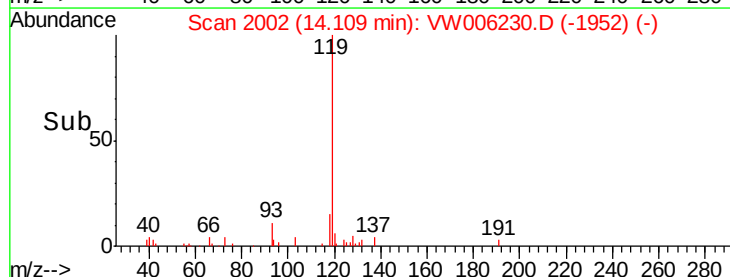
117 100

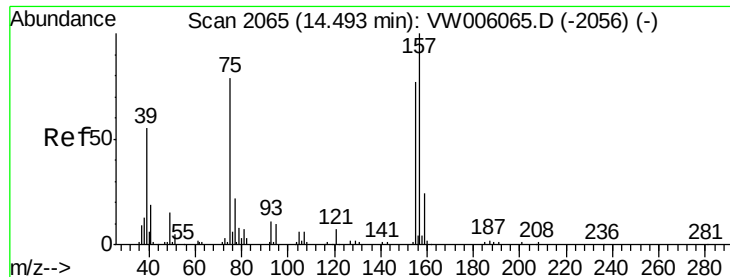
201 0.0 45.3 135.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.213 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

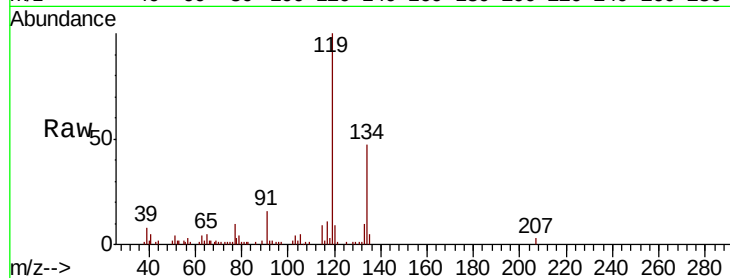
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

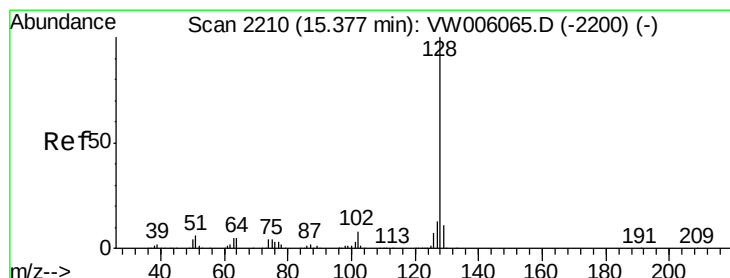
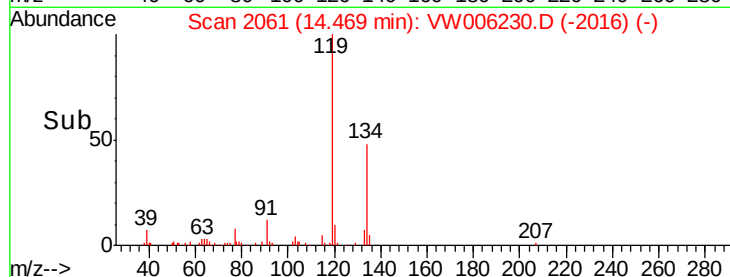
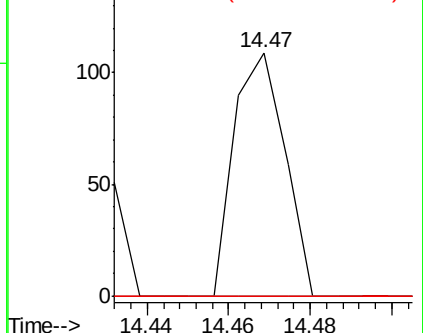
157 0.0 59.8 179.4#



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: 2.199 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

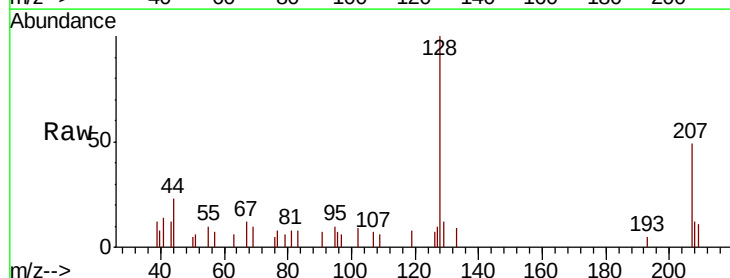
Tgt Ion: 128 Resp: 1909

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

129 14.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

