

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005699.D
 Acq On : 27 Sep 2018 14:51
 Operator : VA/AP
 Sample : J5081-07RE
 Misc : 7.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-DRE

Quant Time: Sep 28 01:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	29342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	40321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	30893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15994	46.27	ug/l	0.00
Spiked Amount						
			Recovery	=	92.54%	
35) Dibromofluoromethane	7.89	113	12519	49.37	ug/l	0.00
Spiked Amount						
			Recovery	=	98.74%	
50) Toluene-d8	10.33	98	65845	63.78	ug/l	0.00
Spiked Amount						
			Recovery	=	127.56%	
62) 4-Bromofluorobenzene	12.62	95	38987	102.05	ug/l	0.00
Spiked Amount						
			Recovery	=	204.10%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	23	Below Cal	#	72
13) Acrolein	4.11	56	22	Below Cal	#	13
15) Acrylonitrile	5.45	53	712	11.133	ug/l #	29
16) Acetone	4.12	43	5934	103.674	ug/l #	74
17) Carbon Disulfide	4.39	76	1756	2.103	ug/l #	75
18) Methyl Acetate	4.67	43	259	1.581	ug/l #	51
20) Methylene Chloride	4.91	84	767	Below Cal	#	90
25) 2-Butanone	7.18	43	4224	50.313	ug/l #	63
31) Cyclohexane	7.93	56	39695	74.071	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	2416	5.952	ug/l #	48
37) Ethyl Acetate	7.18	43	4224	24.729	ug/l #	72
38) Carbon Tetrachloride	7.95	117	3111	7.153	ug/l #	15
39) Methylcyclohexane	9.34	83	86087	179.765	ug/l #	83
41) Methacrylonitrile	7.54	41	320	3.292	ug/l #	39
43) Isopropyl Acetate	8.43	43	28603	85.170	ug/l #	52
45) 1,2-Dichloropropane	9.39	63	491	1.735	ug/l #	1
47) Bromodichloromethane	9.63	83	26369	69.437	ug/l #	27
48) Methyl methacrylate	9.48	41	5512	34.556	ug/l #	32
51) 4-Methyl-2-Pentanone	10.26	43	9660	57.111	ug/l #	71
52) Toluene	10.40	92	746	1.040	ug/l #	58
55) 1,1,2-Trichloroethane	10.77	97	96120	478.999	ug/l #	24
56) Ethyl methacrylate	10.67	69	31610	127.606	ug/l #	5
58) 2-Chloroethyl Vinyl ether	9.91	63	947	8.433	ug/l #	48
59) 2-Hexanone	10.94	43	97282	846.632	ug/l #	33
60) Dibromochloromethane	11.04	129	422	1.740	ug/l #	11
61) 1,2-Dibromoethane	11.21	107	1593	8.514	ug/l #	1
67) Ethyl Benzene	11.76	91	4809	4.131	ug/l #	51
68) m/p-Xylenes	11.84	106	471	1.071	ug/l #	1
74) N-amyl acetate	12.26	43	45761	158.224	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.70	83	8683	40.928	ug/l #	68
76) 1,2,3-Trichloropropane	12.63	75	9363	59.637	ug/l #	100
78) n-propylbenzene	12.82	91	2223	1.438	ug/l #	76
81) trans-1,4-Dichloro-2-buten	12.63	75	9363	134.320	ug/l #	25
85) sec-Butylbenzene	13.39	105	12837	9.486	ug/l #	7

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Response via : Initial Calibration

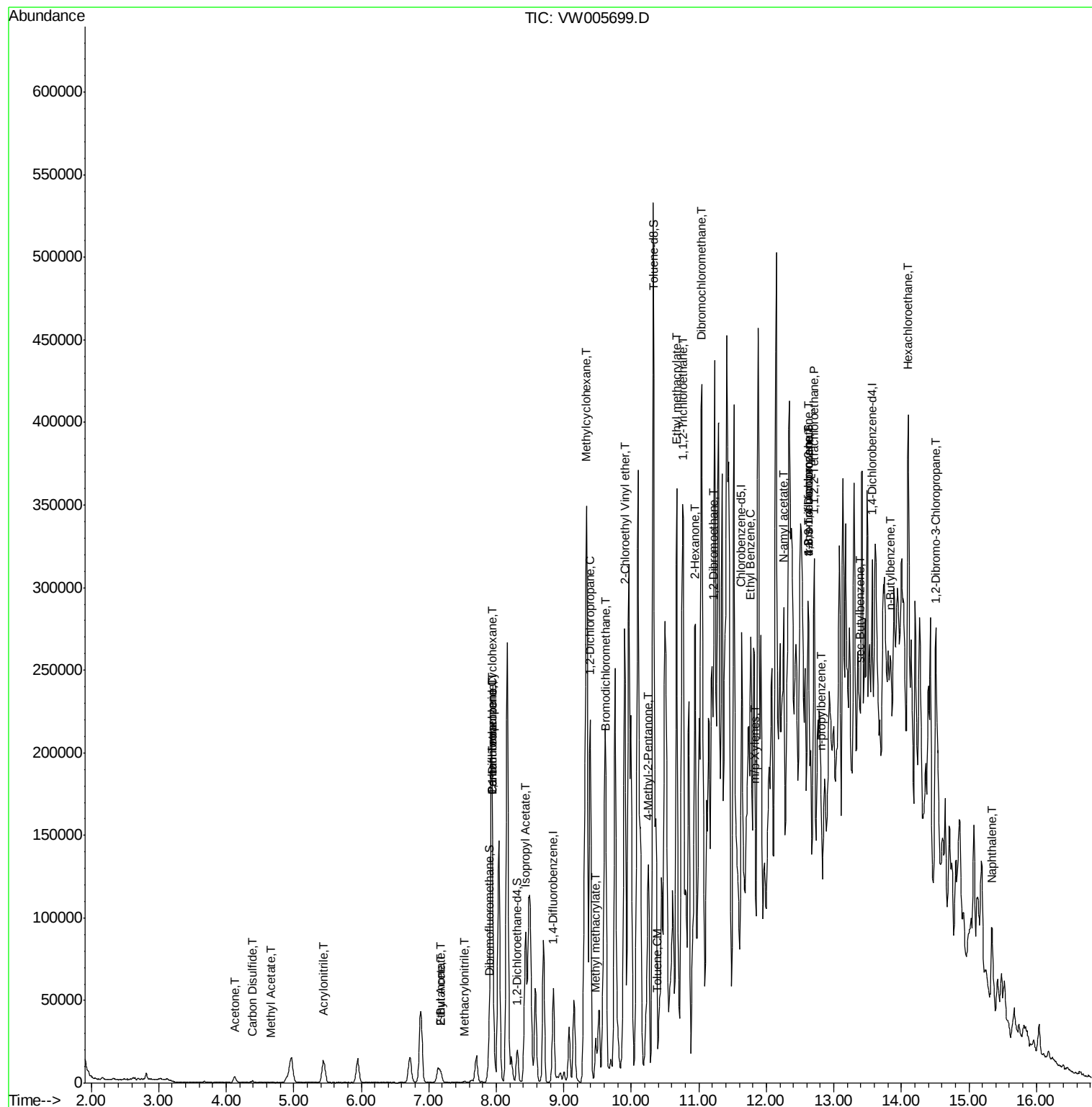
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.83	91	22112	19.328	ug/l #	74
90) Hexachloroethane	14.11	117	6783	30.854	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.50	75	744	18.407	ug/l #	17
95) Naphthalene	15.33	128	2680	4.133	ug/l #	1

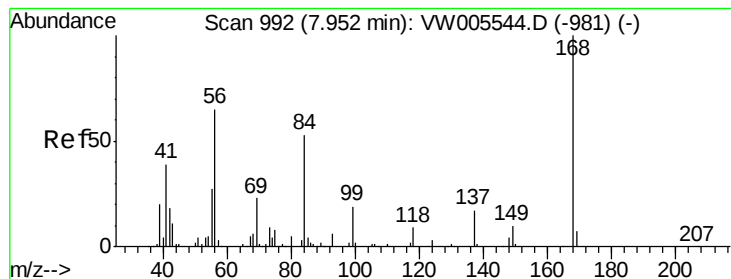
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

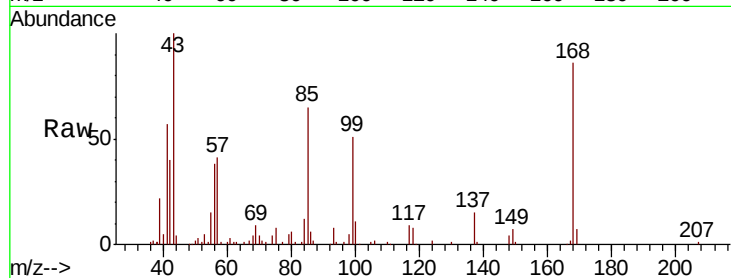
TP-1-DRE

Tgt Ion:168 Resp: 29342

Ion Ratio Lower Upper

168 100

99 59.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

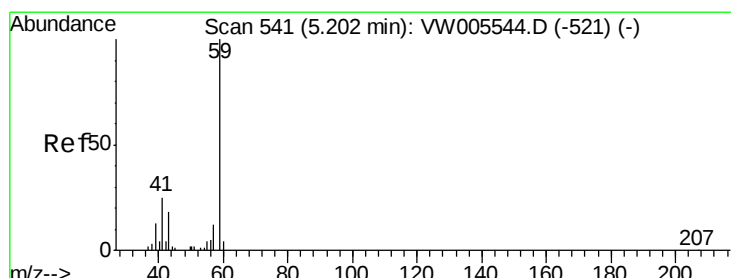
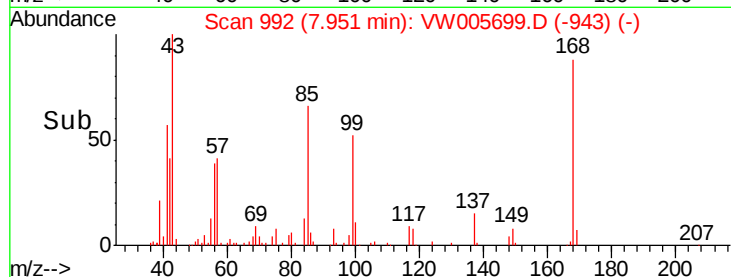
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW005699.D

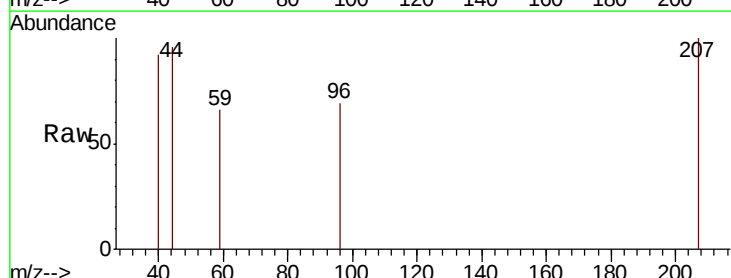
Acq: 27 Sep 2018 14:51

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

60

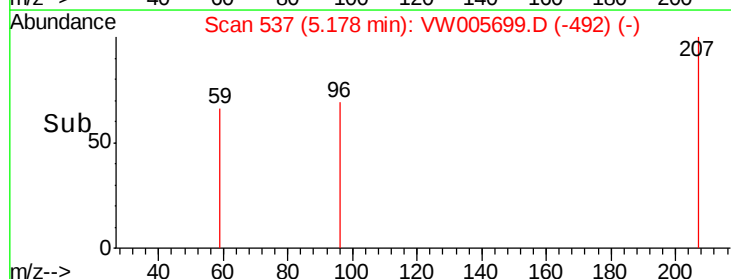
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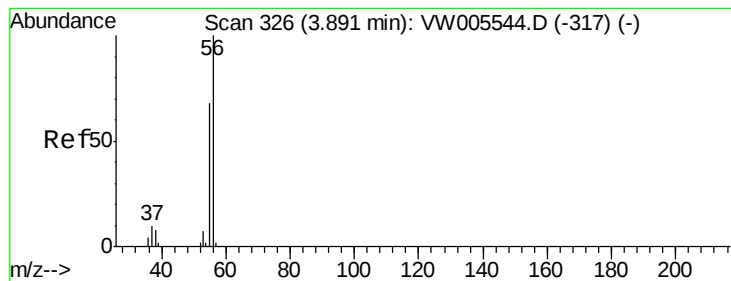
20

0

Time-->

5.16 5.17 5.18 5.19





#13

Acrolein

Concen: Below Cal

RT: 4.11 min Scan# 362

Delta R.T. 0.22 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

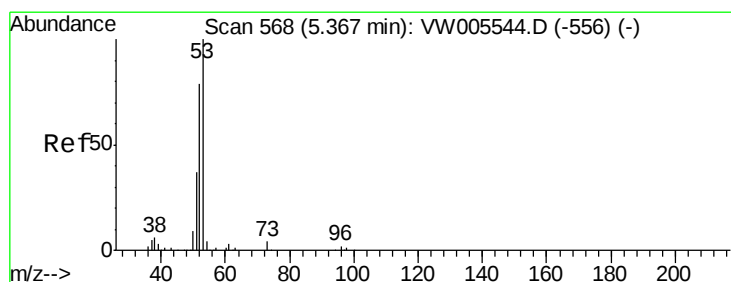
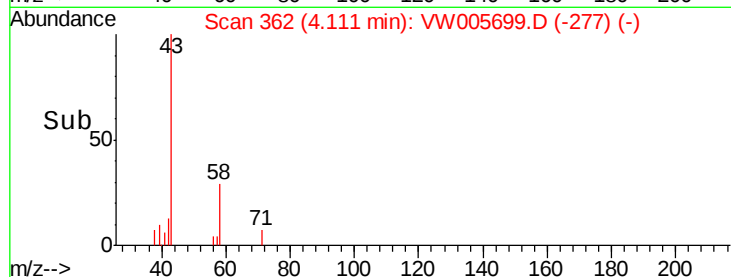
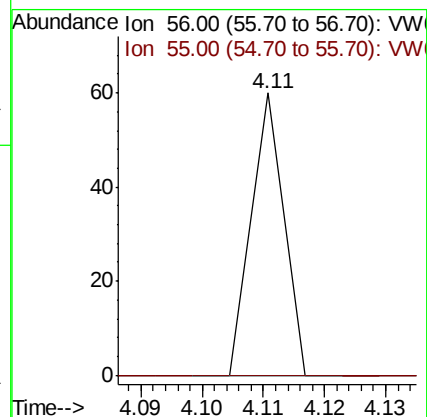
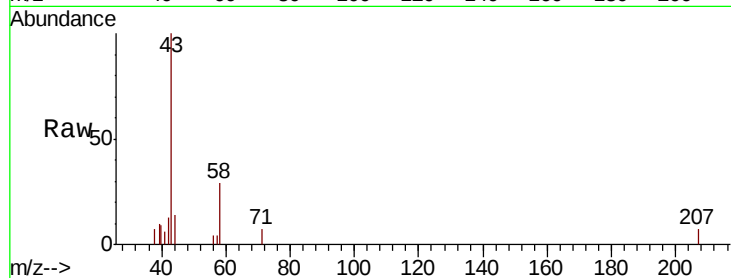
TP-1-DRE

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



#15

Acrylonitrile

Concen: 11.133 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.08 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

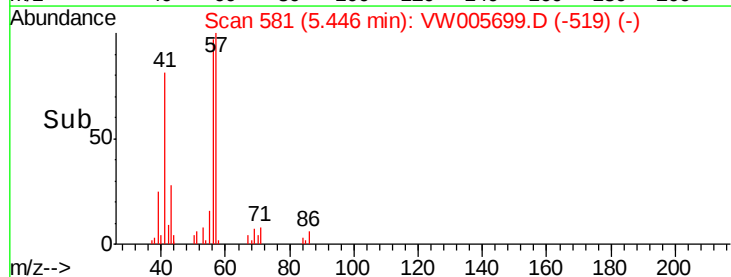
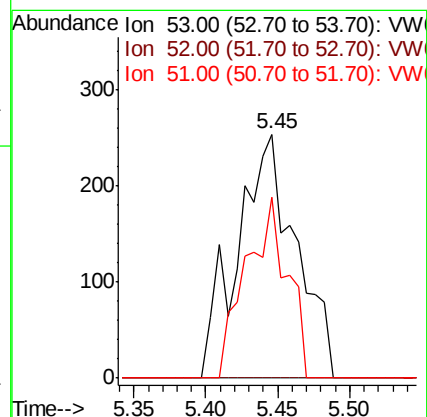
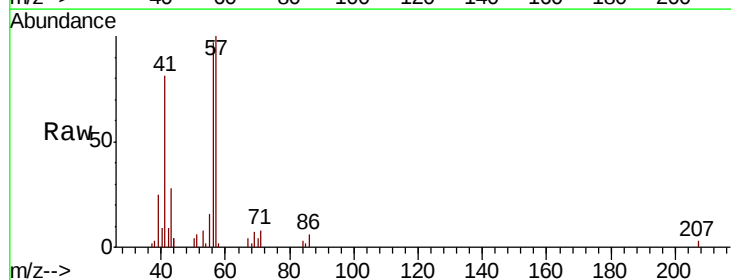
Tgt Ion: 53 Resp: 712

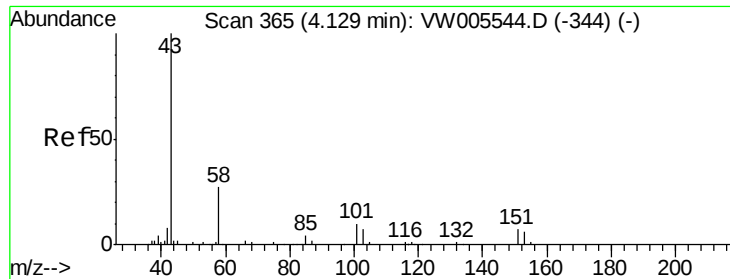
Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

51 52.5 30.6 46.0#





#16

Acetone

Concen: 103.674 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

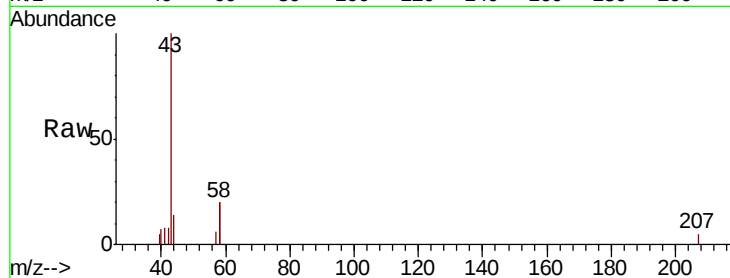
TP-1-DRE

Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

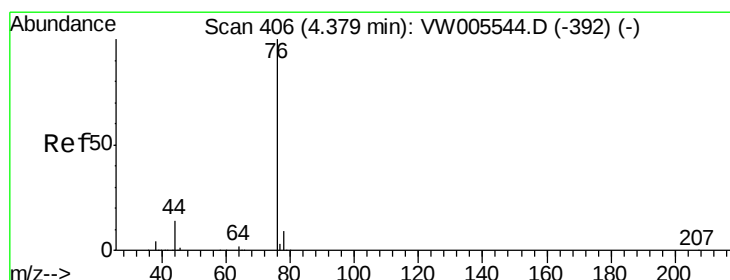
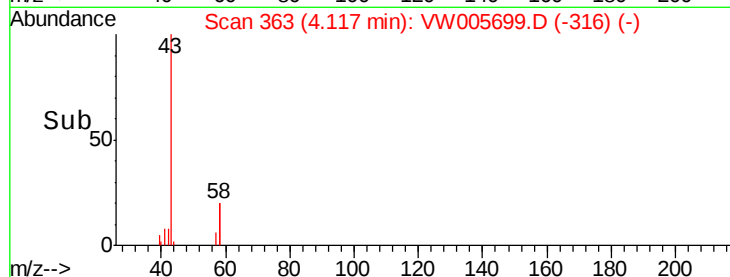
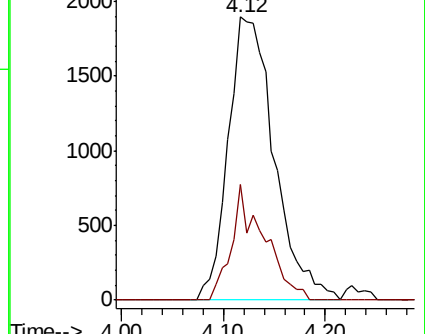
43 100

58 40.7 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 2.103 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW005699.D

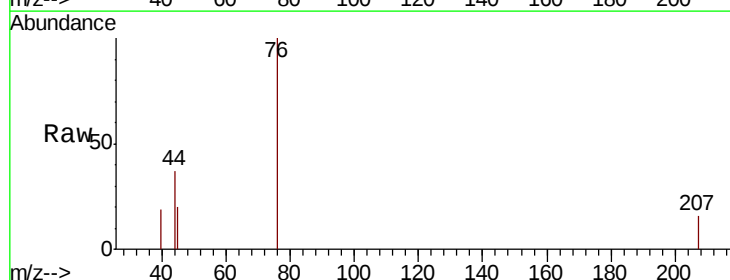
Acq: 27 Sep 2018 14:51

Tgt Ion: 76 Resp: 1756

Ion Ratio Lower Upper

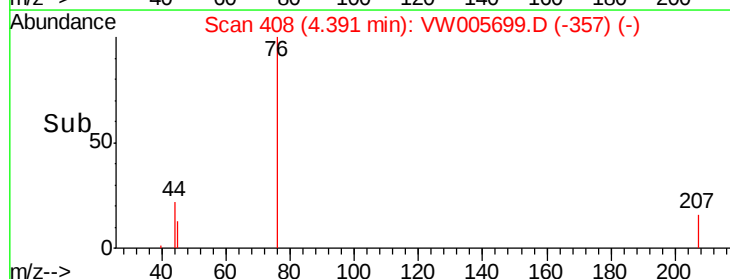
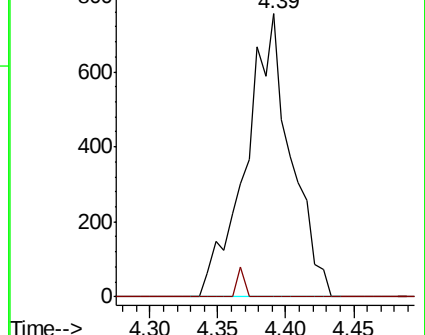
76 100

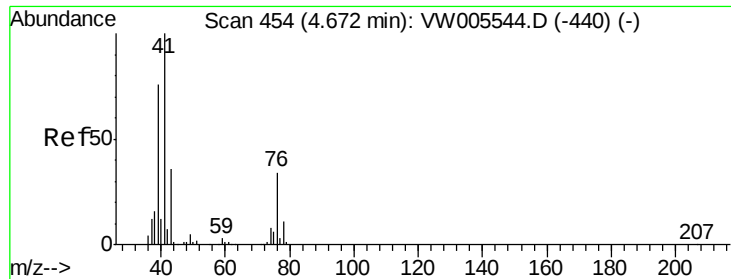
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

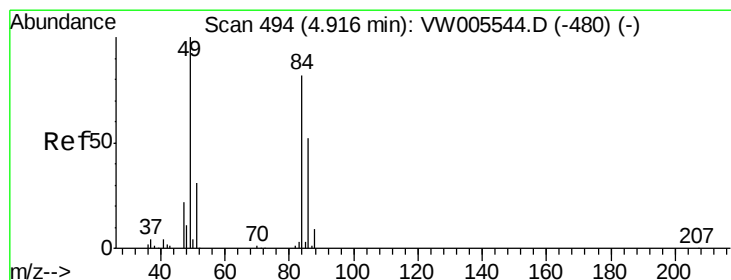
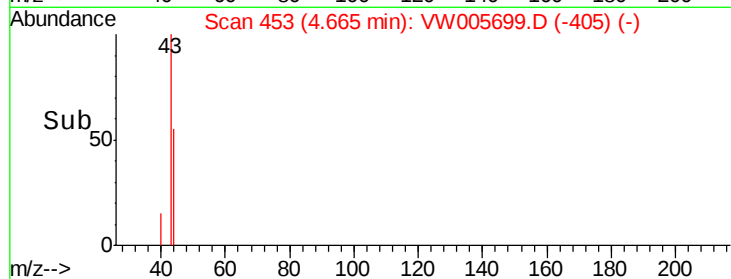
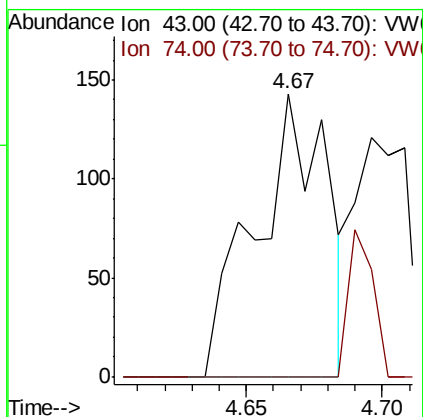
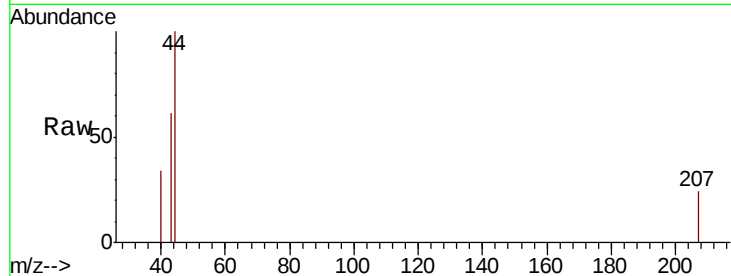




#18
Methyl Acetate
Concen: 1.581 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

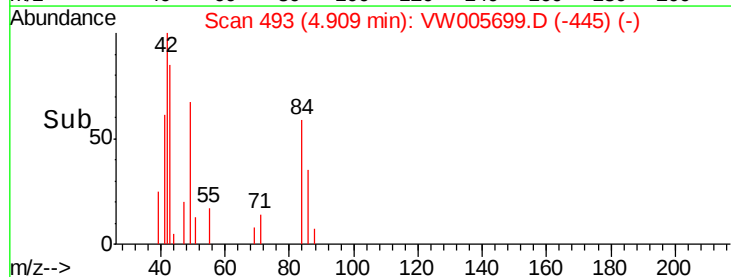
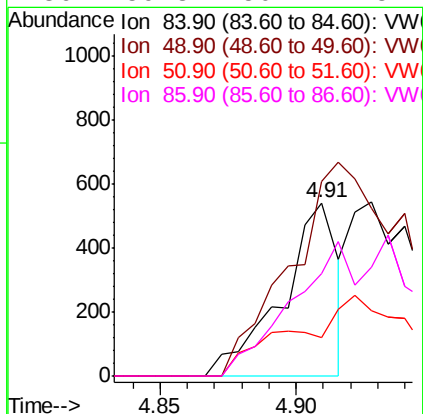
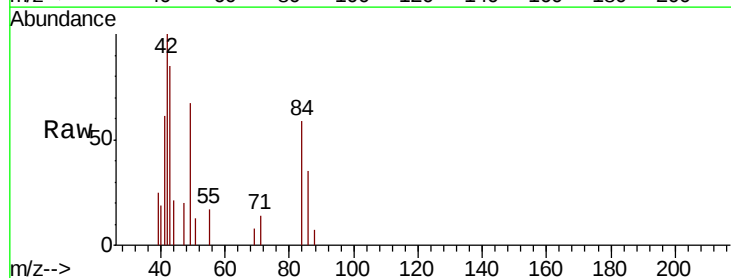
Instrument :
MSVOA_W
ClientSampleId :
TP-1-DRE

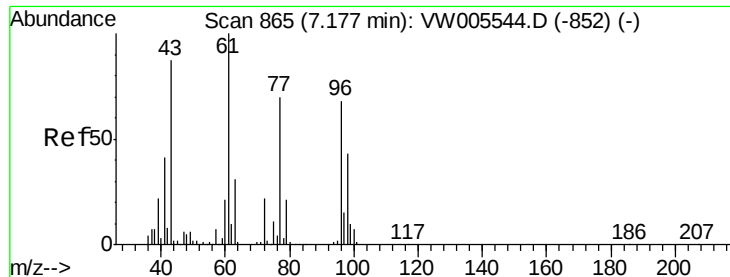
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

Tgt Ion: 84 Resp: 767
Ion Ratio Lower Upper
84 100
49 112.6 97.0 145.6
51 22.0 30.2 45.2#
86 59.3 50.2 75.4





#25

2-Butanone

Concen: 50.313 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

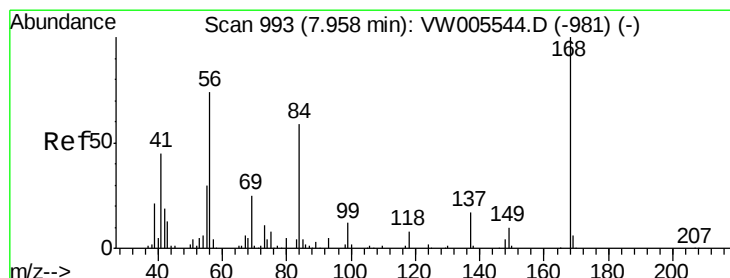
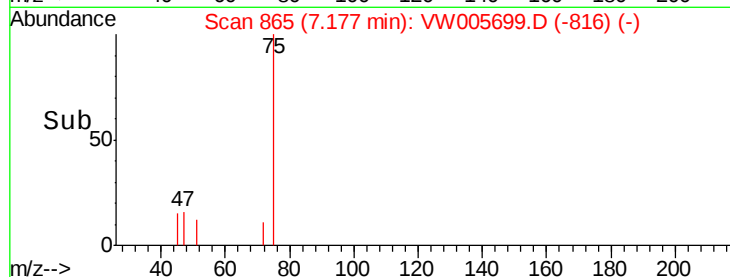
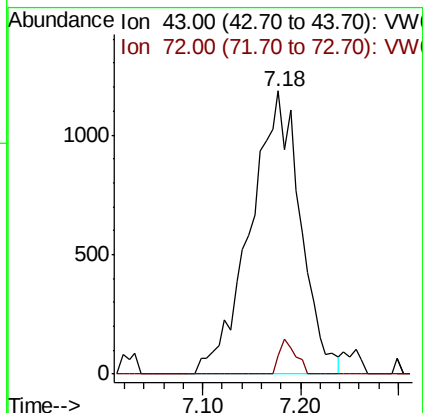
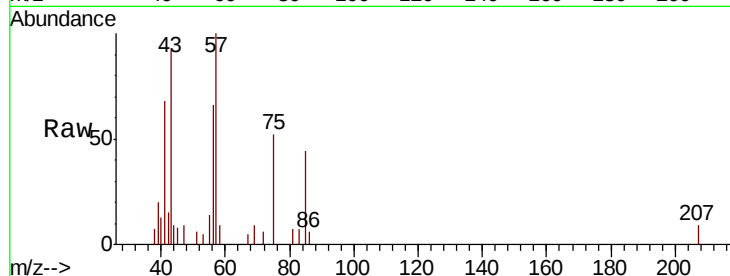
TP-1-DRE

Tgt Ion: 43 Resp: 4224

Ion Ratio Lower Upper

43 100

72 6.3 19.9 29.9#



#31

Cyclohexane

Concen: 74.071 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.03 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

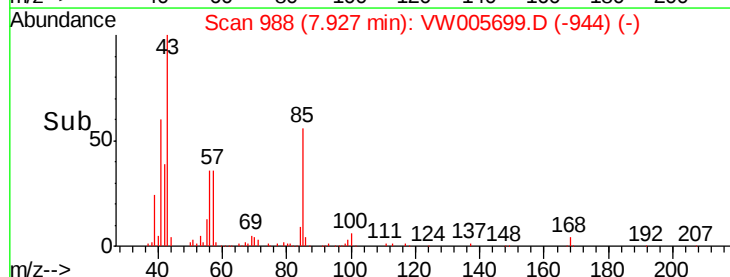
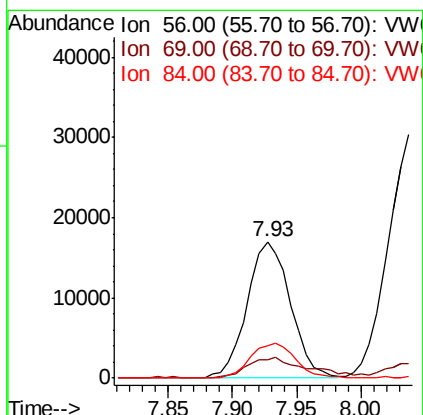
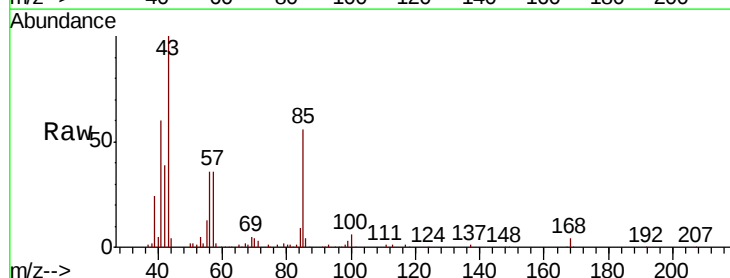
Tgt Ion: 56 Resp: 39695

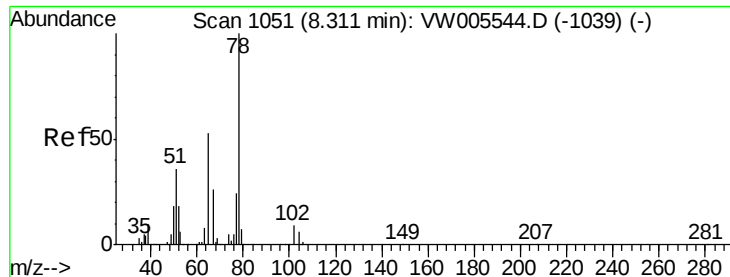
Ion Ratio Lower Upper

56 100

69 13.1 27.0 40.4#

84 23.7 64.2 96.4#

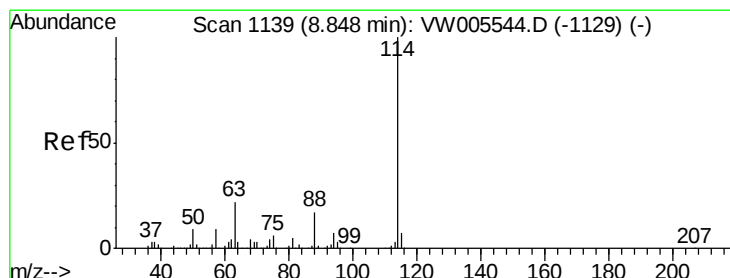
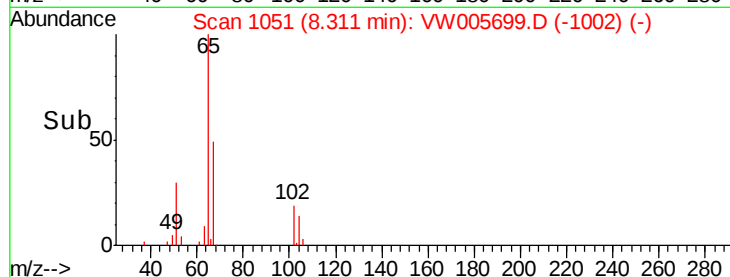
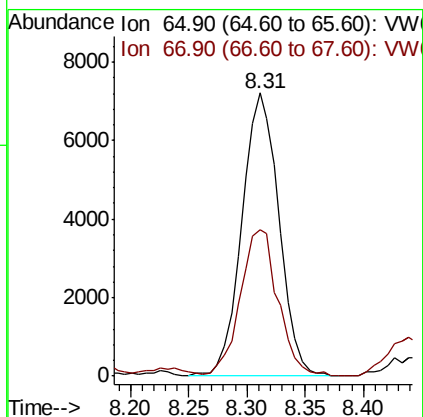
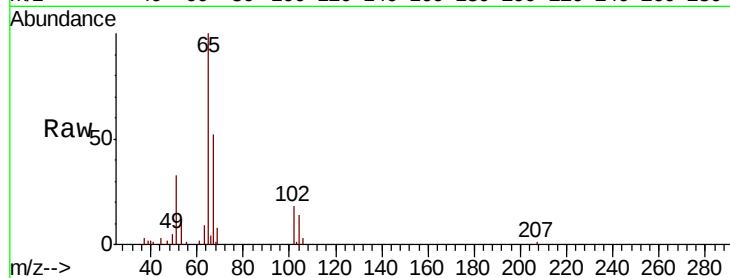




#33
 1,2-Dichloroethane-d4
 Concen: 46.270 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

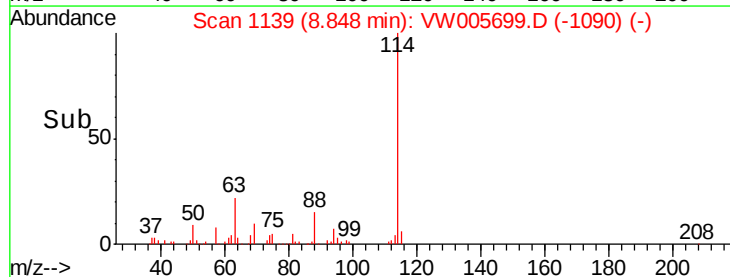
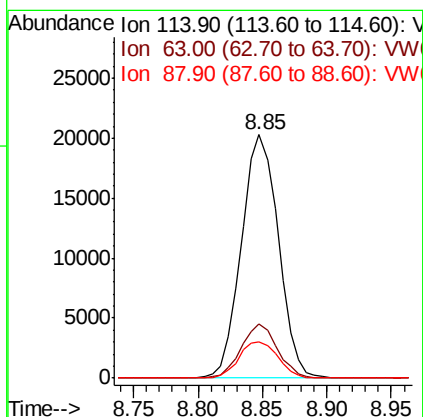
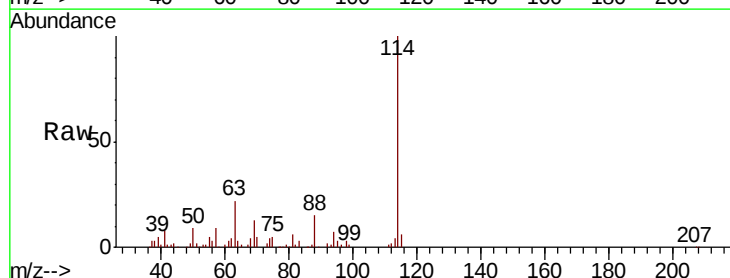
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-DRE

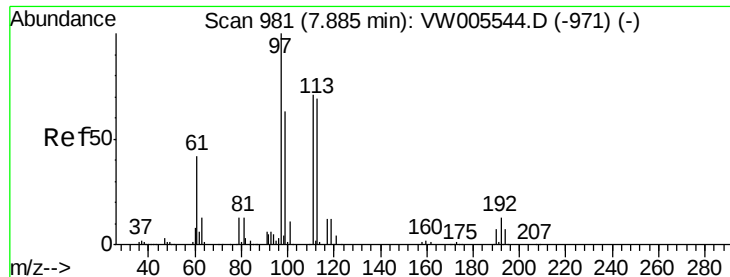
Tgt Ion: 65 Resp: 15994
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

Tgt Ion: 114 Resp: 40321
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 14.9 0.0 33.0

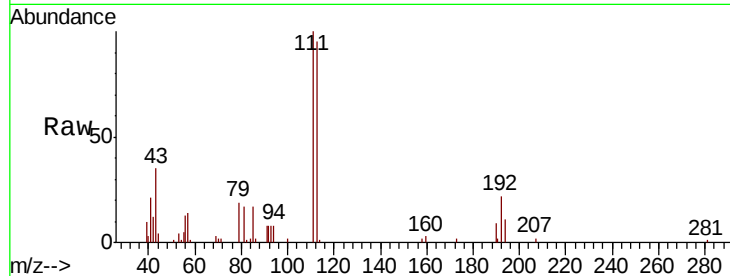




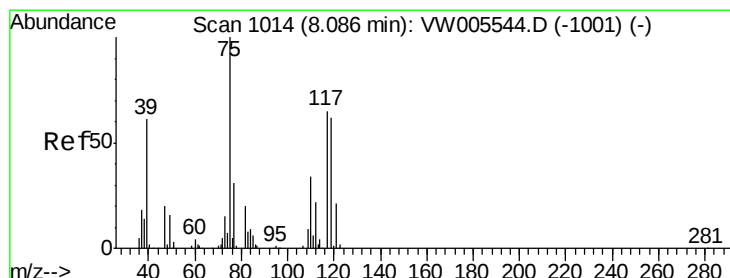
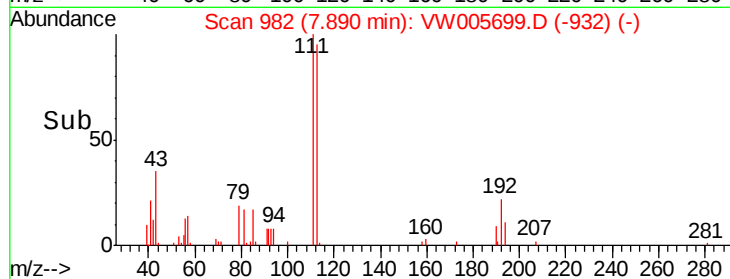
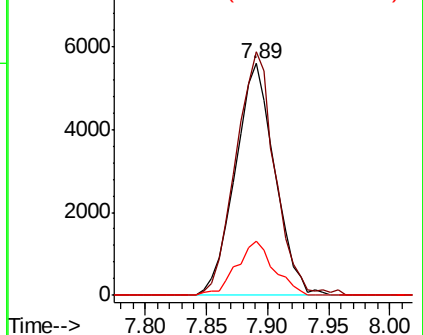
#35
 Dibromofluoromethane
 Concen: 49.372 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-DRE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	22.1	17.0	25.4

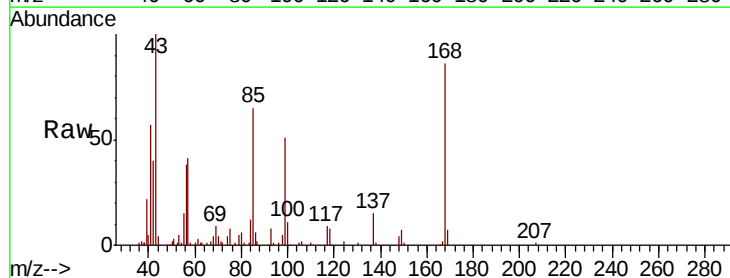


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

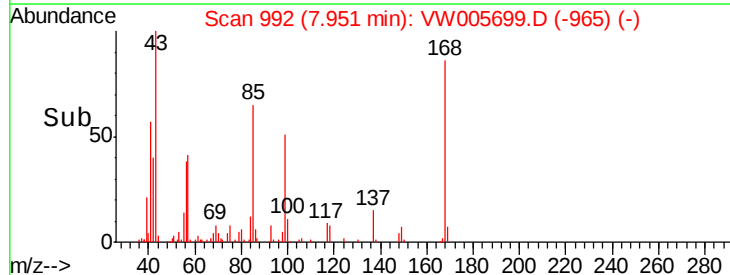
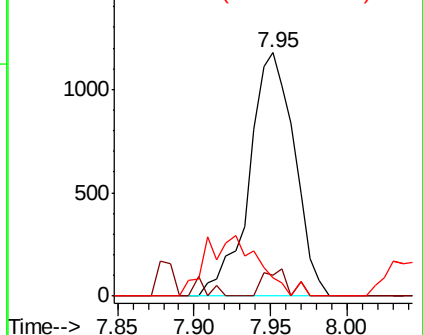


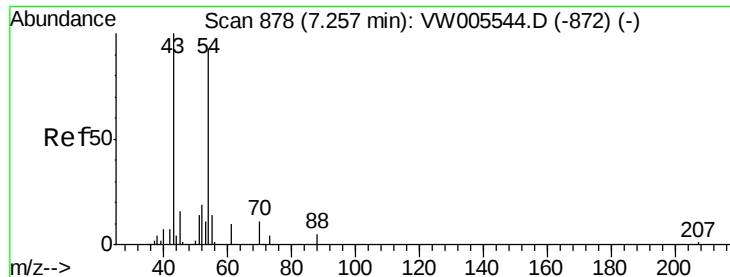
#36
 1,1-Dichloropropene
 Concen: 5.952 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.3	17.0	50.9#
77	0.0	24.8	37.2#



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

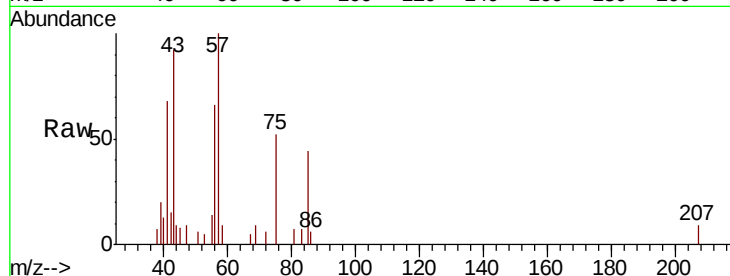




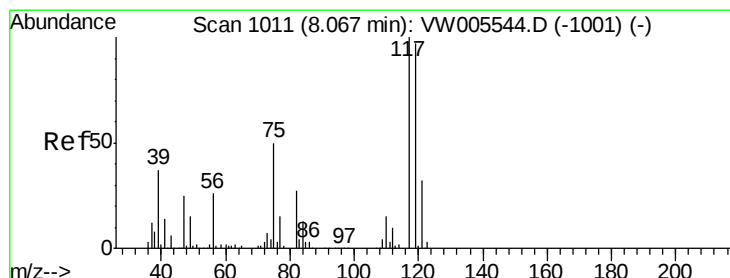
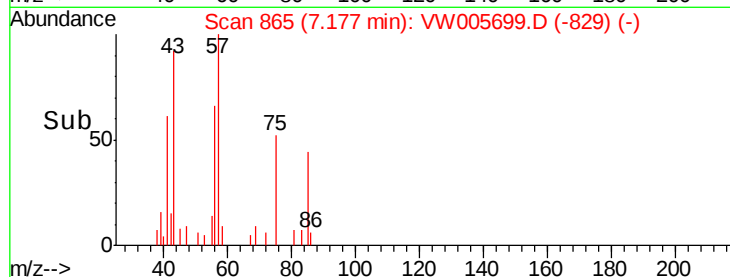
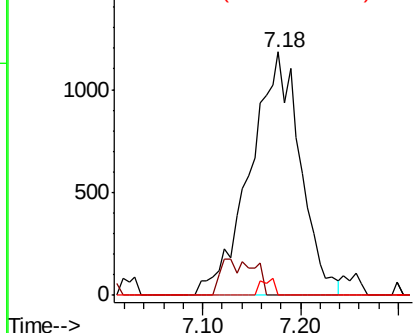
#37
Ethyl Acetate
Concen: 24.729 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
TP-1-DRE

Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 1.8 8.2 12.2#

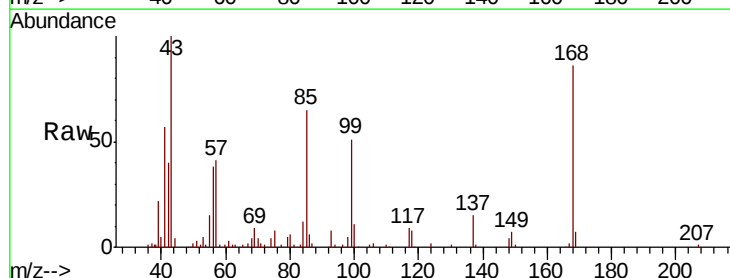


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

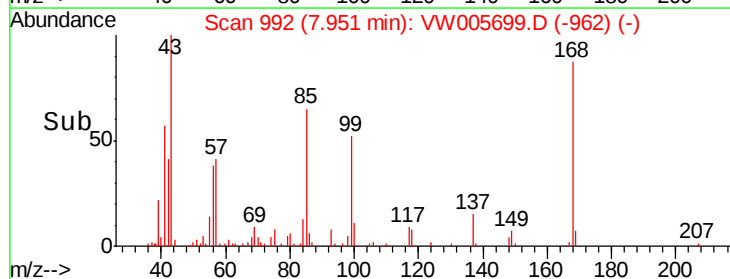
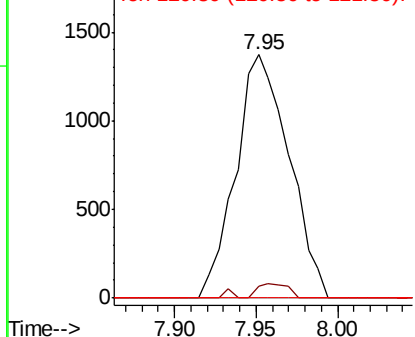


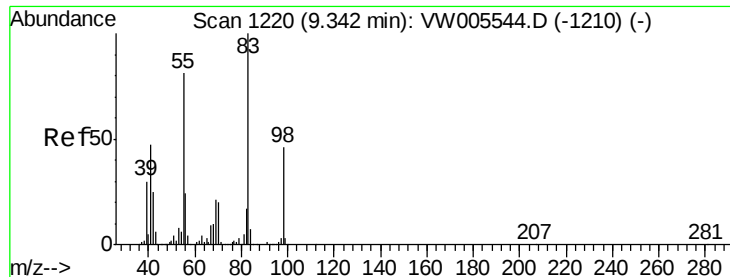
#38
Carbon Tetrachloride
Concen: 7.153 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

Tgt Ion: 117 Resp: 3111
Ion Ratio Lower Upper
117 100
119 5.1 77.6 116.4#
121 0.0 25.7 38.5#



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: 179.765 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

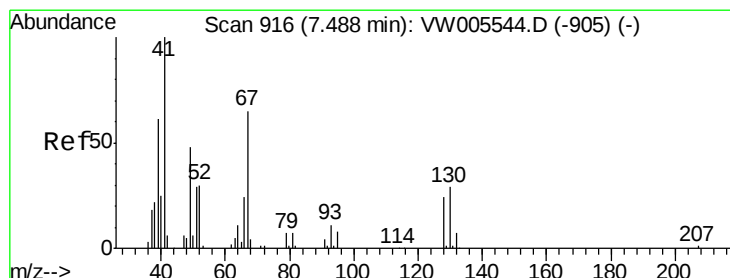
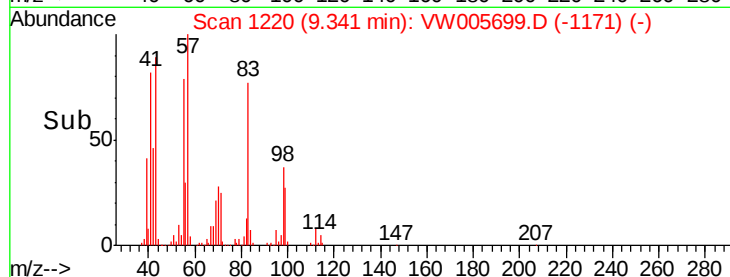
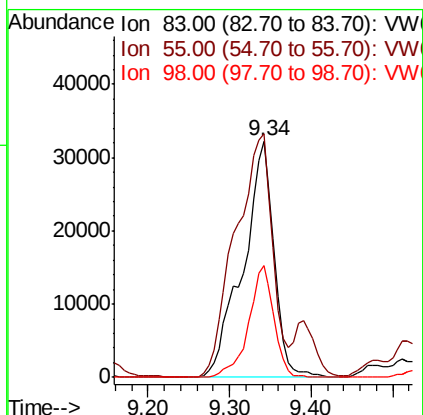
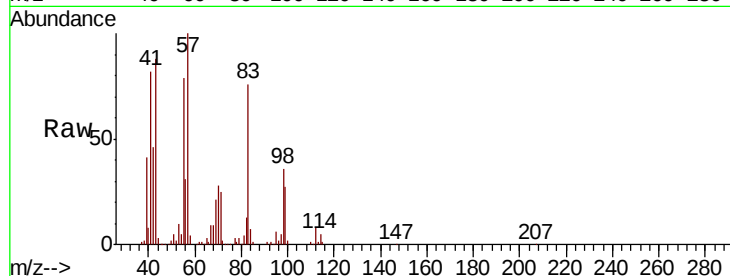
Tgt Ion: 83 Resp: 86087

Ion Ratio Lower Upper

83 100

55 103.0 64.6 97.0#

98 47.4 37.0 55.6



#41

Methacrylonitrile

Concen: 3.292 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Tgt Ion: 41 Resp: 320

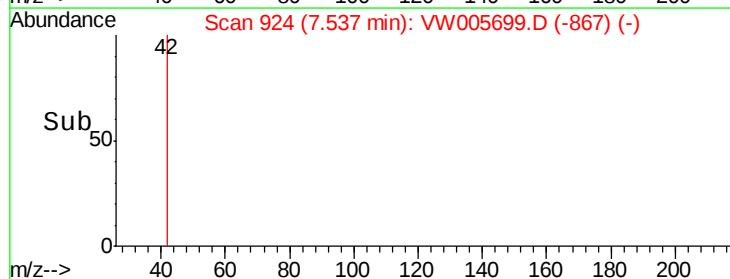
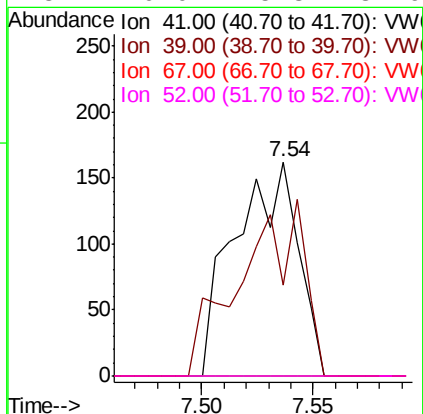
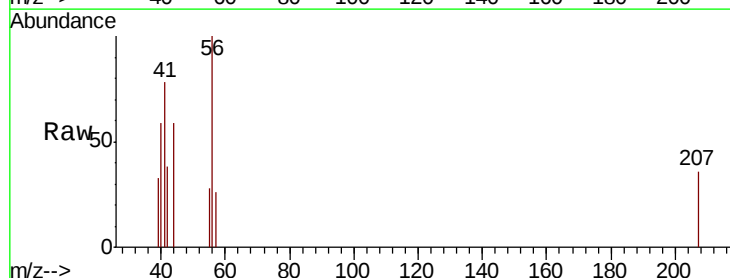
Ion Ratio Lower Upper

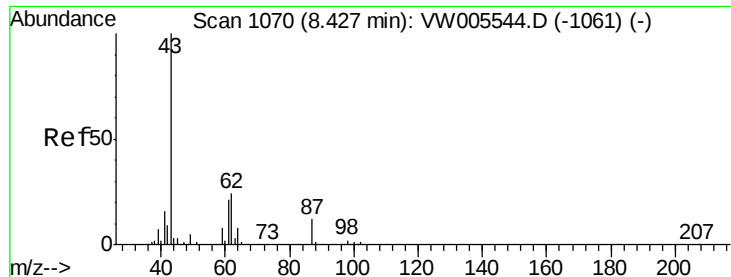
41 100

39 82.2 45.4 68.2#

67 0.0 55.2 82.8#

52 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 85.170 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

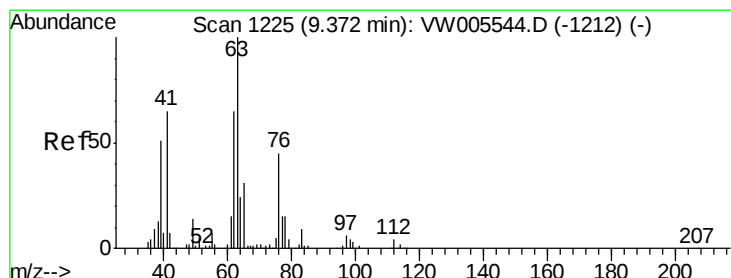
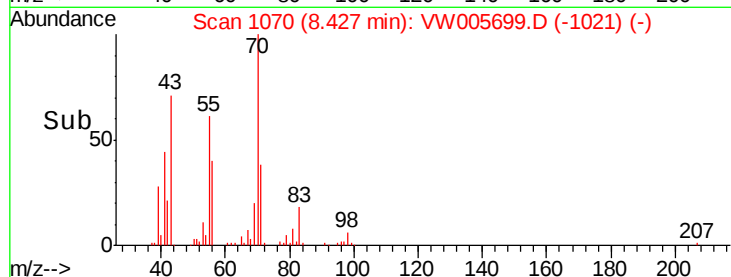
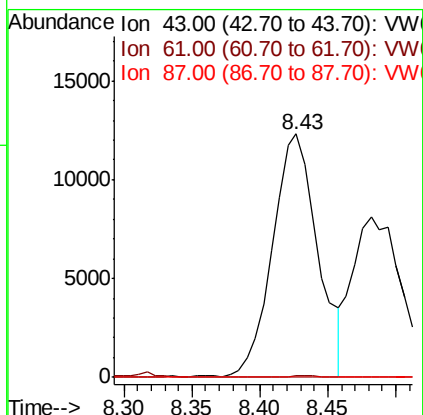
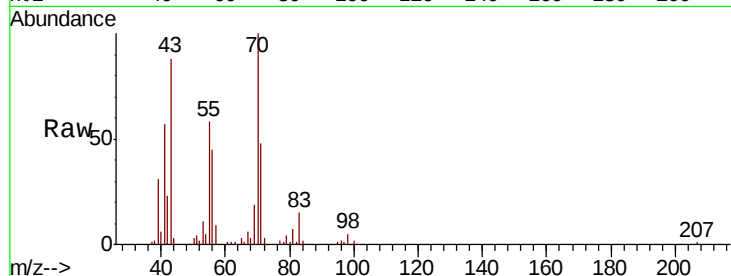
Tgt Ion: 43 Resp: 28603

Ion Ratio Lower Upper

43 100

61 0.3 24.1 36.1#

87 0.0 9.8 14.8#



#45

1,2-Dichloropropane

Concen: 1.735 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. 0.02 min

Lab File: VW005699.D

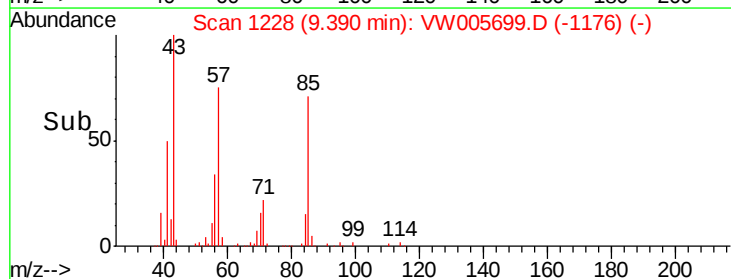
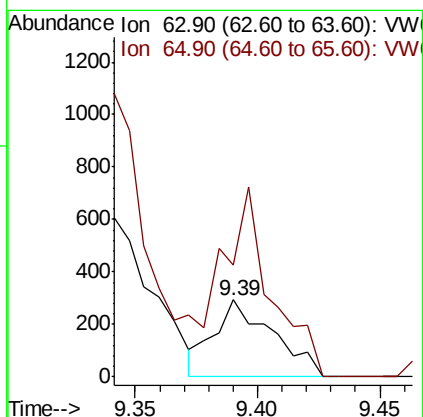
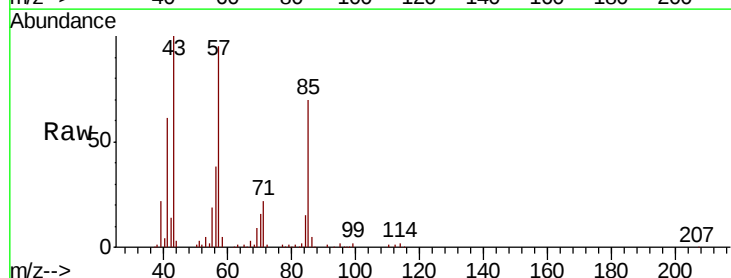
Acq: 27 Sep 2018 14:51

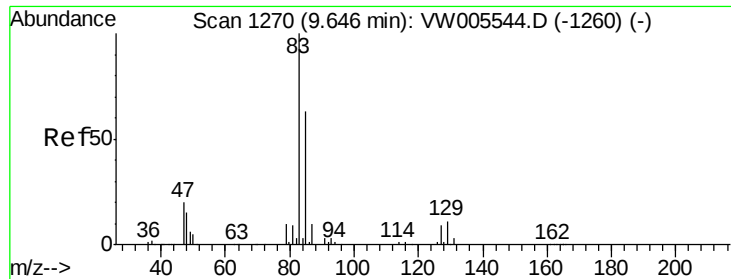
Tgt Ion: 63 Resp: 491

Ion Ratio Lower Upper

63 100

65 144.6 24.7 37.1#





#47

Bromodichloromethane

Concen: 69.437 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

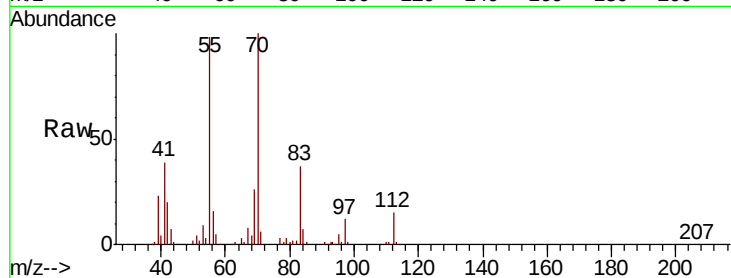
Tgt Ion: 83 Resp: 26369

Ion Ratio Lower Upper

83 100

85 1.4 50.5 75.7#

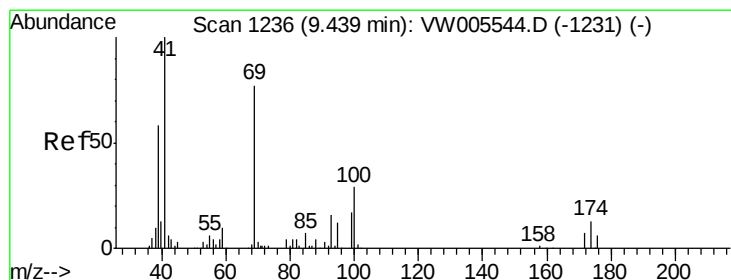
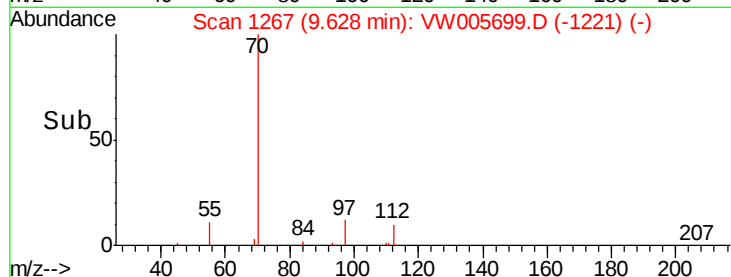
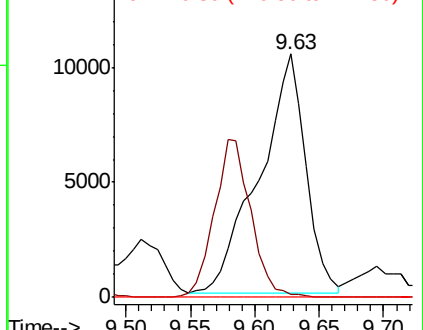
127 0.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 34.556 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

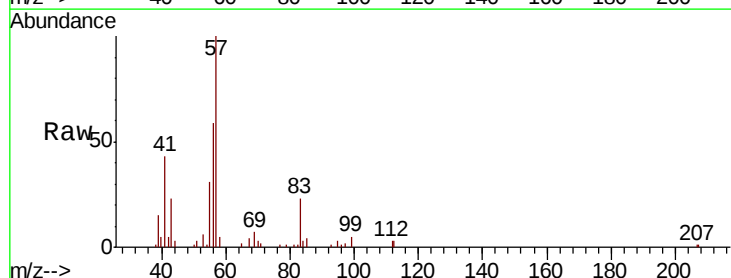
Tgt Ion: 41 Resp: 5512

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

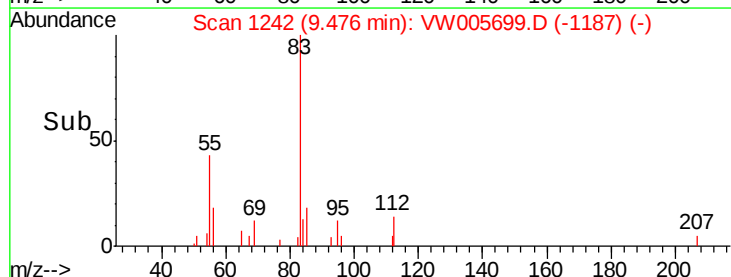
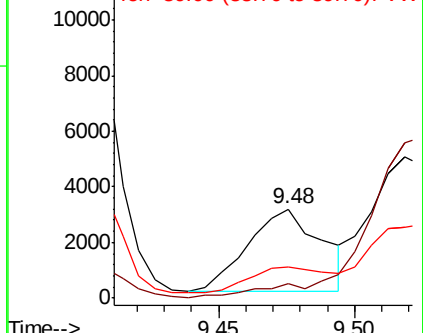
39 33.4 50.5 75.7#

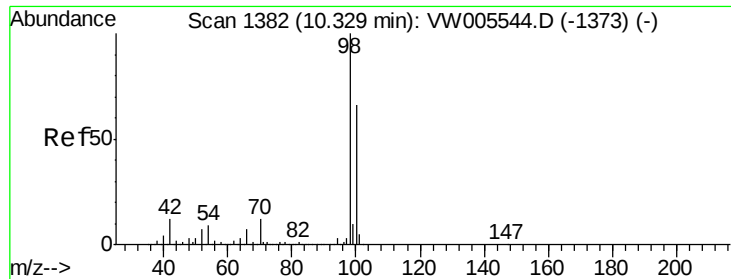


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 63.775 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

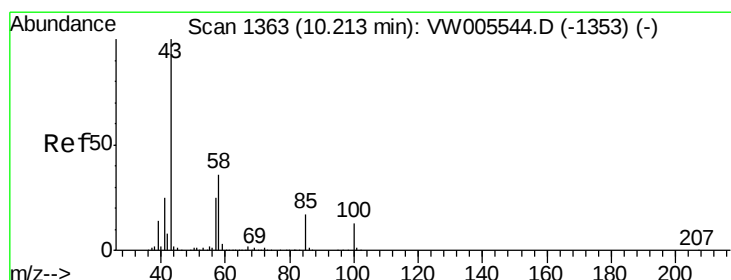
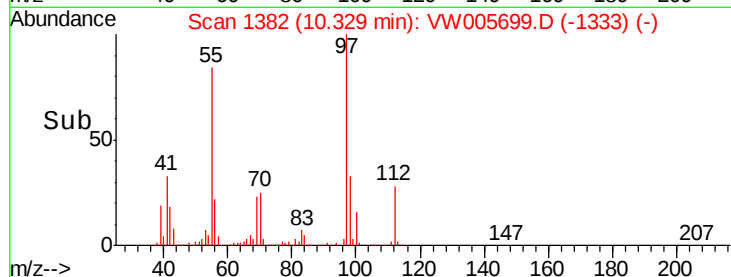
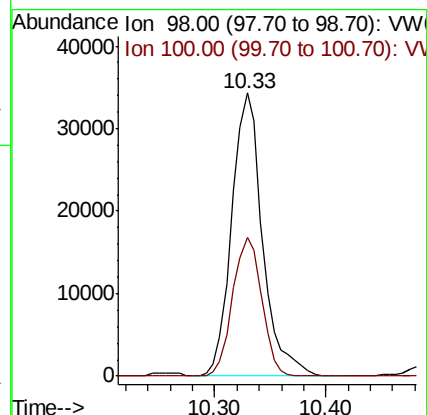
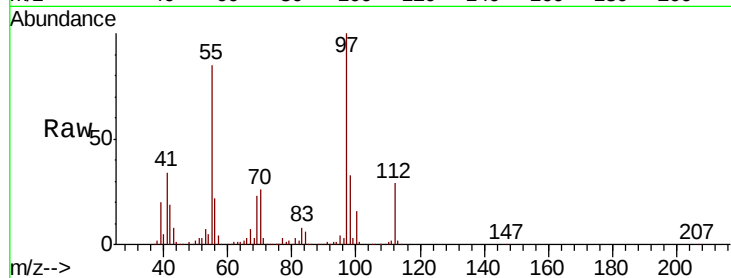
TP-1-DRE

Tgt Ion: 98 Resp: 65845

Ion Ratio Lower Upper

98 100

100 46.1 51.6 77.4#



#51

4-Methyl-2-Pentanone

Concen: 57.111 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW005699.D

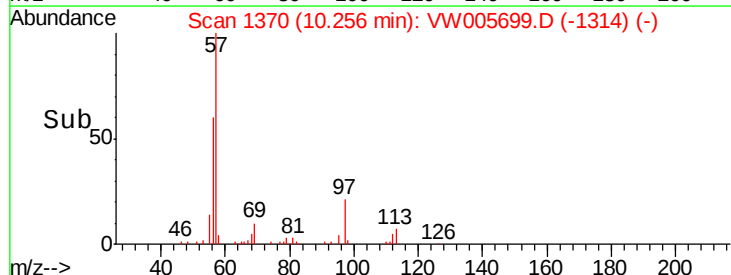
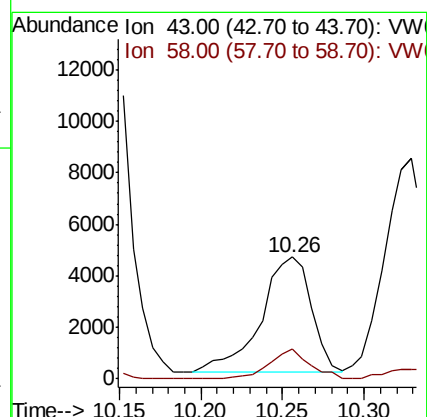
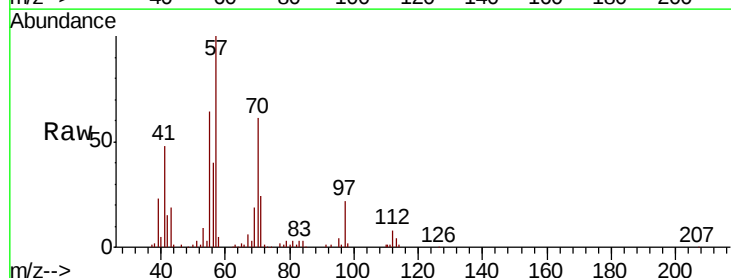
Acq: 27 Sep 2018 14:51

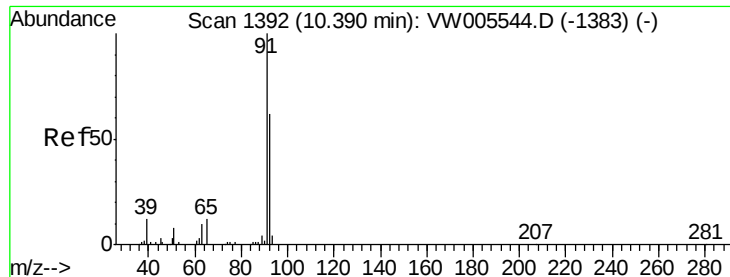
Tgt Ion: 43 Resp: 9660

Ion Ratio Lower Upper

43 100

58 20.3 30.0 45.0#





#52

Toluene

Concen: 1.040 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

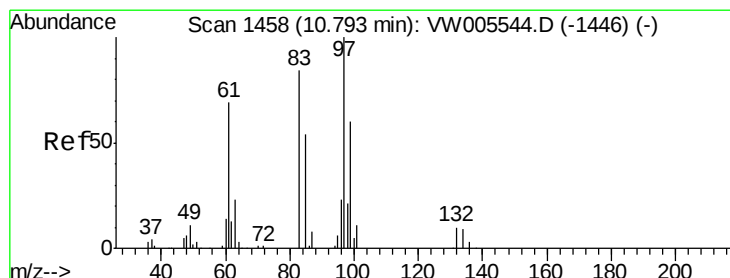
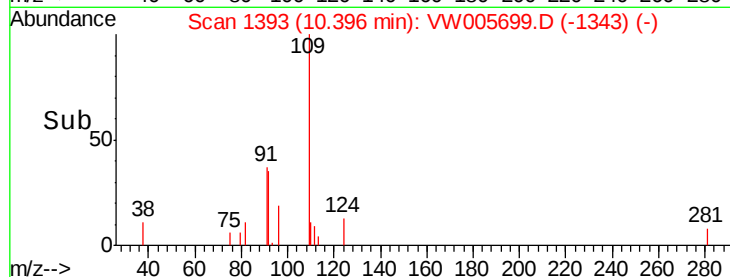
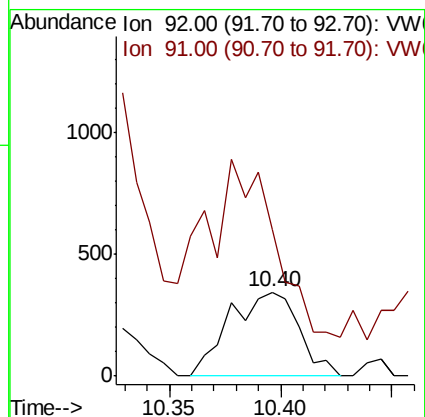
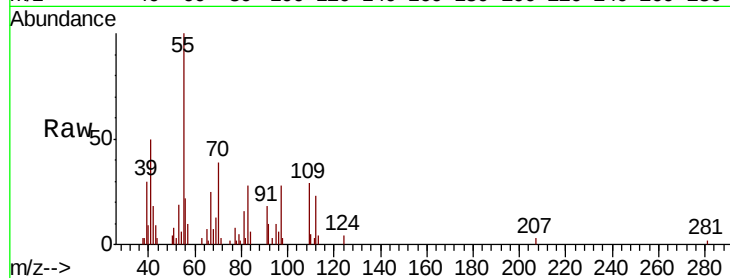
TP-1-DRE

Tgt Ion: 92 Resp: 746

Ion Ratio Lower Upper

92 100

91 228.7 137.1 205.7#



#55

1,1,2-Trichloroethane

Concen: 478.999 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Tgt Ion: 97 Resp: 96120

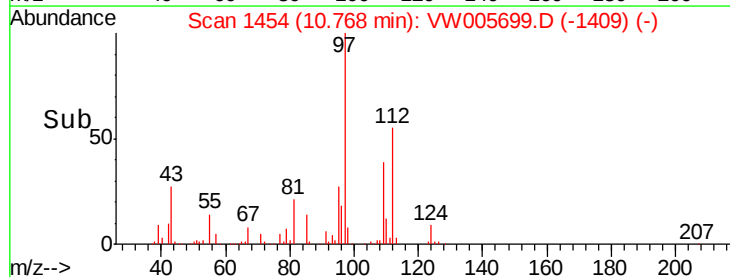
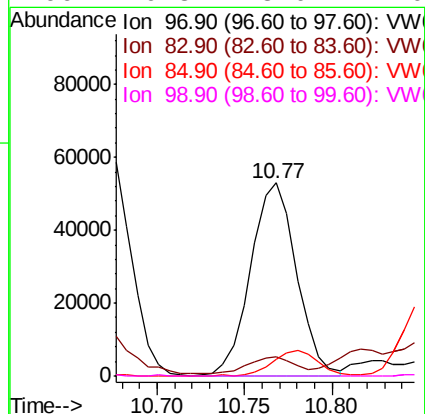
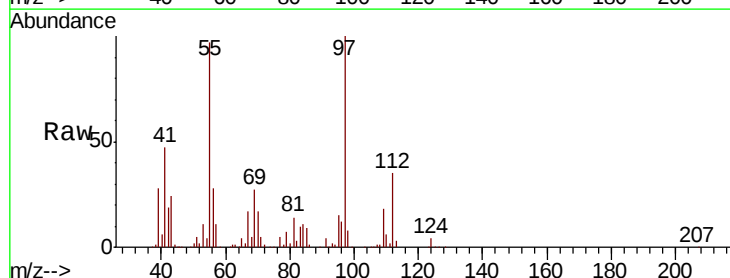
Ion Ratio Lower Upper

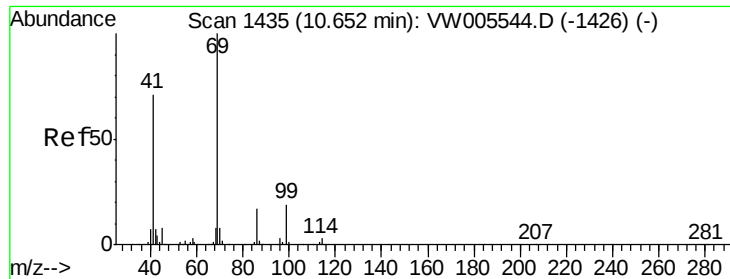
97 100

83 8.7 67.4 101.2#

85 8.7 43.3 64.9#

99 0.3 48.0 72.0#





#56

Ethyl methacrylate

Concen: 127.606 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

TP-1-DRE

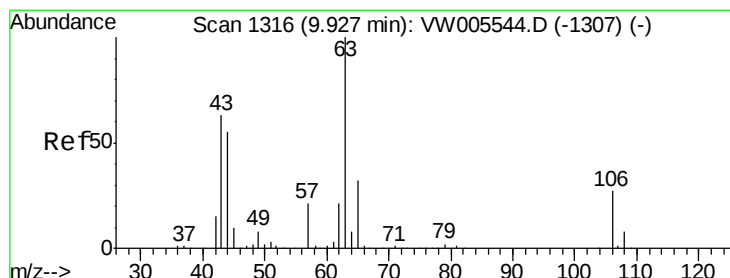
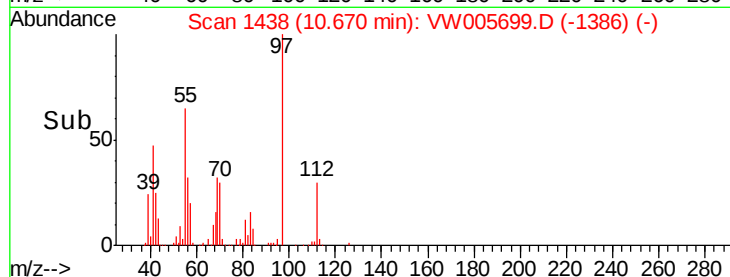
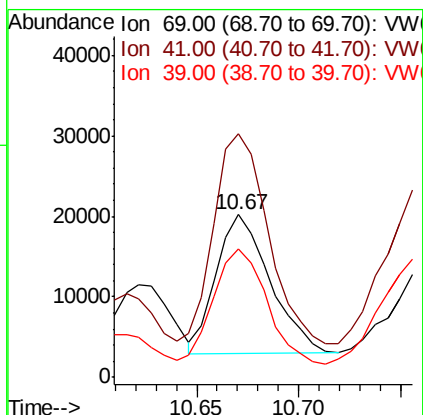
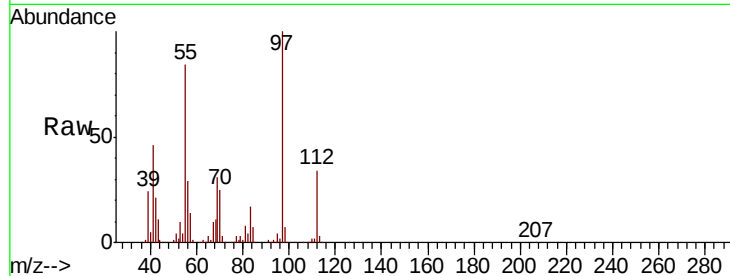
Tgt Ion: 69 Resp: 31610

Ion Ratio Lower Upper

69 100

41 151.4 57.3 85.9#

39 90.8 29.2 43.8#



#58

2-Chloroethyl Vinyl ether

Concen: 8.433 ug/l

RT: 9.91 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VW005699.D

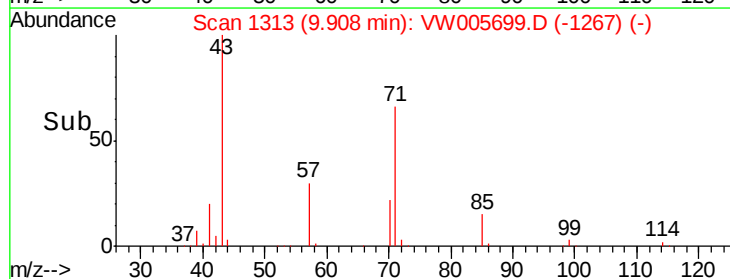
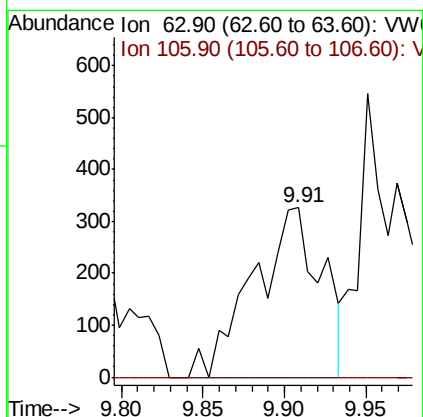
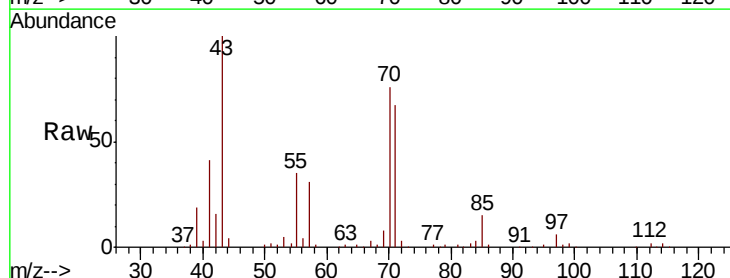
Acq: 27 Sep 2018 14:51

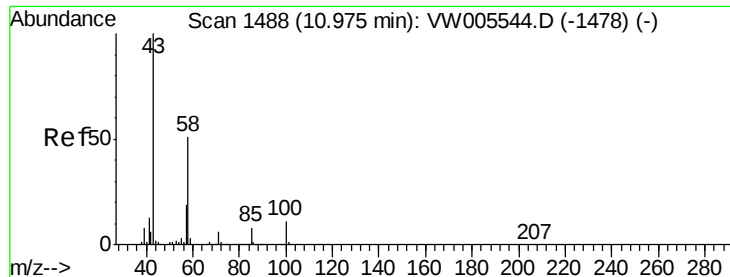
Tgt Ion: 63 Resp: 947

Ion Ratio Lower Upper

63 100

106 0.0 21.6 32.4#





#59

2-Hexanone

Concen: 846.632 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

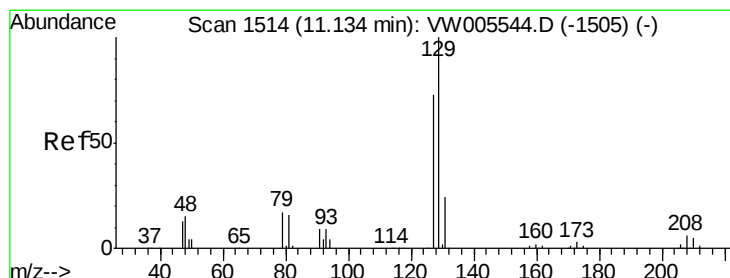
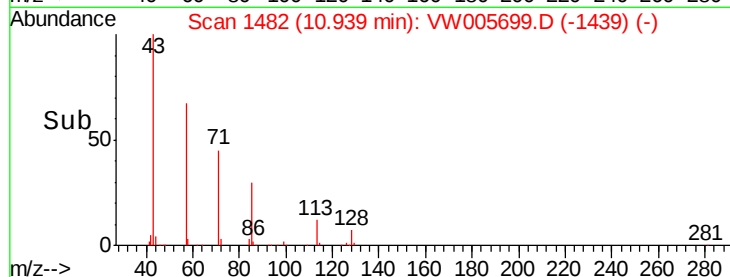
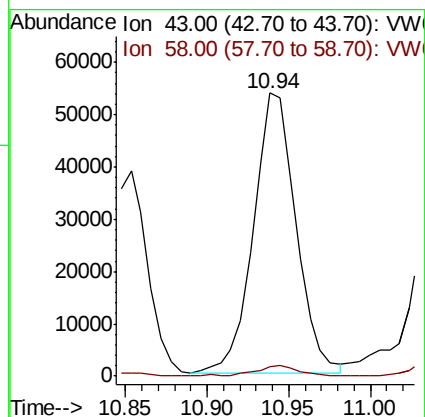
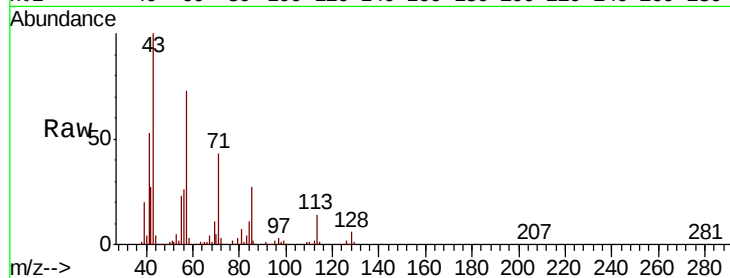
TP-1-DRE

Tgt Ion: 43 Resp: 97282

Ion Ratio Lower Upper

43 100

58 4.1 25.3 75.9#



#60

Dibromochloromethane

Concen: 1.740 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW005699.D

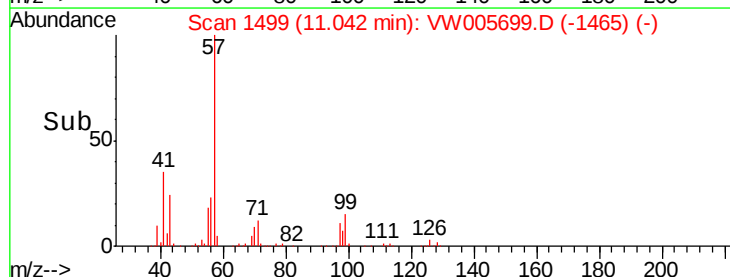
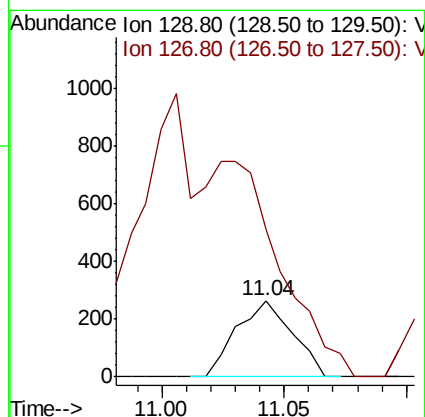
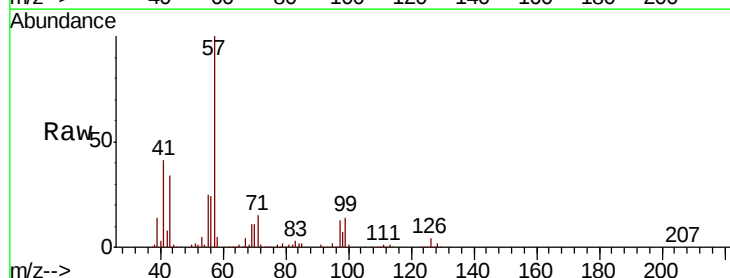
Acq: 27 Sep 2018 14:51

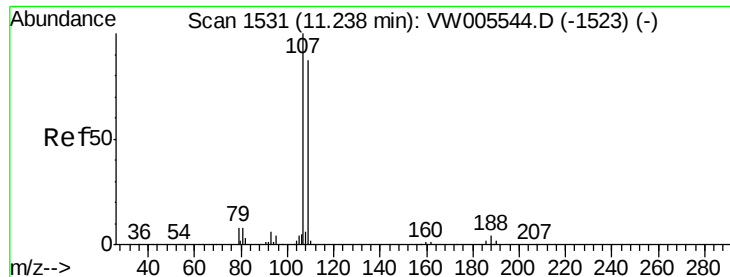
Tgt Ion: 129 Resp: 422

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

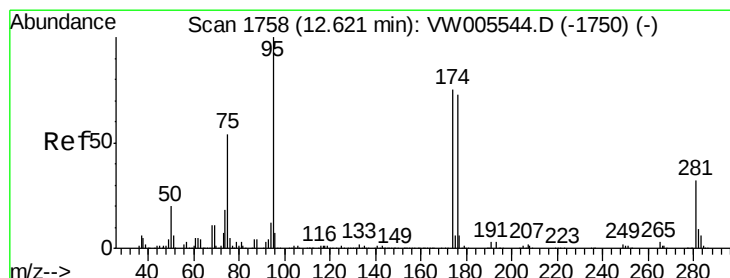
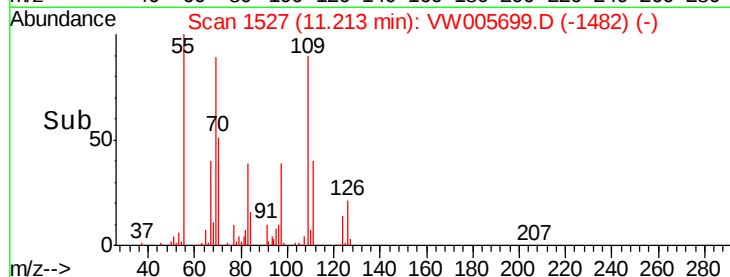
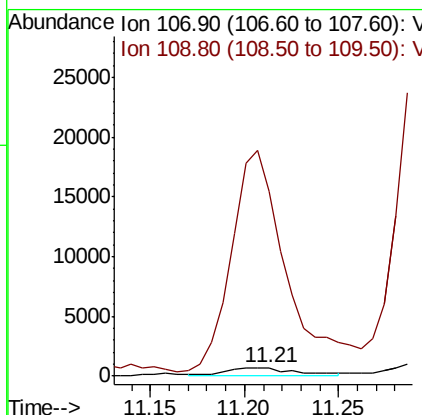
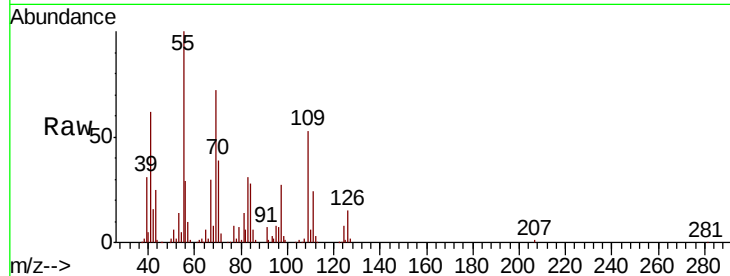




#61
 1,2-Dibromoethane
 Concen: 8.514 ug/l
 RT: 11.21 min Scan# 1527
 Delta R.T. -0.02 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

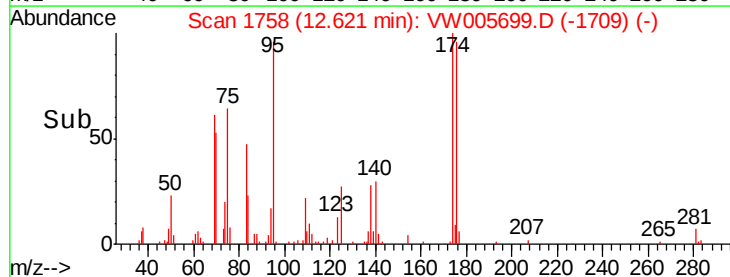
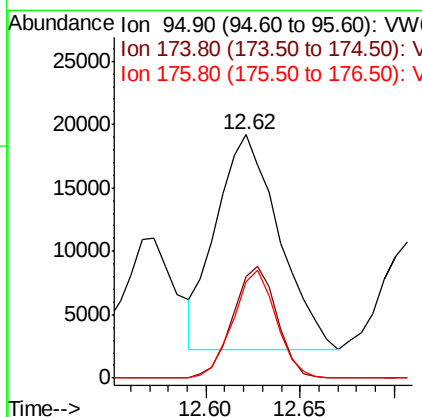
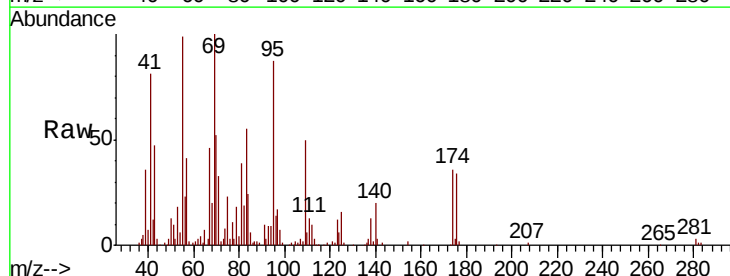
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-DRE

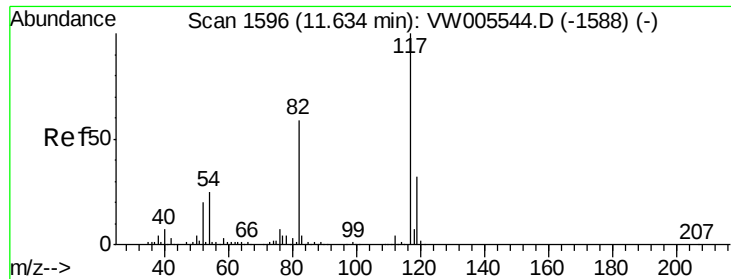
Tgt Ion: 107 Resp: 1593
 Ion Ratio Lower Upper
 107 100
 109 2399.3 73.4 110.0#



#62
 4-Bromofluorobenzene
 Concen: 102.051 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005699.D
 Acq: 27 Sep 2018 14:51

Tgt Ion: 95 Resp: 38987
 Ion Ratio Lower Upper
 95 100
 174 36.6 0.0 163.8
 176 34.7 0.0 158.0

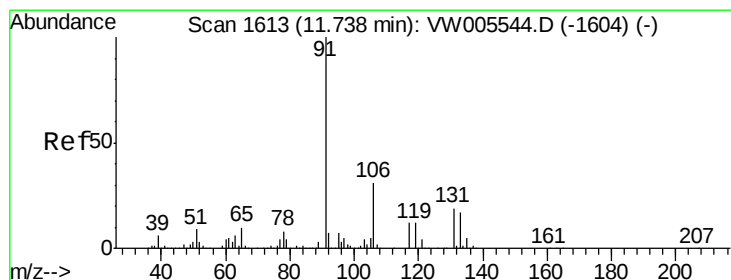
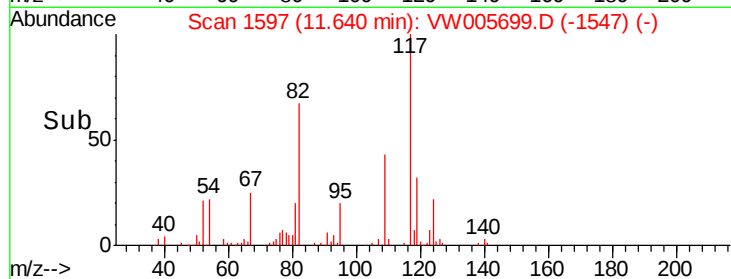
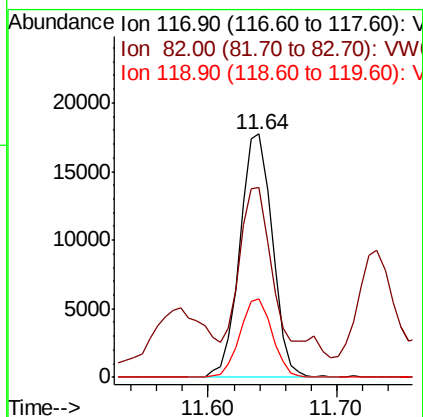
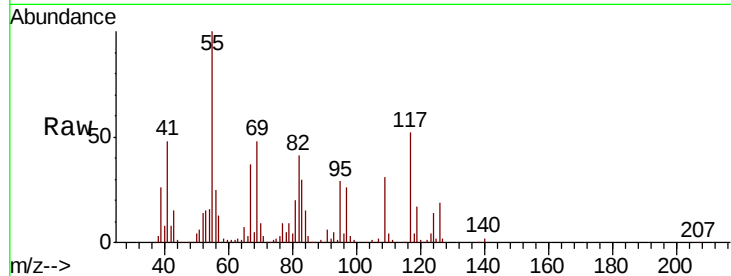




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

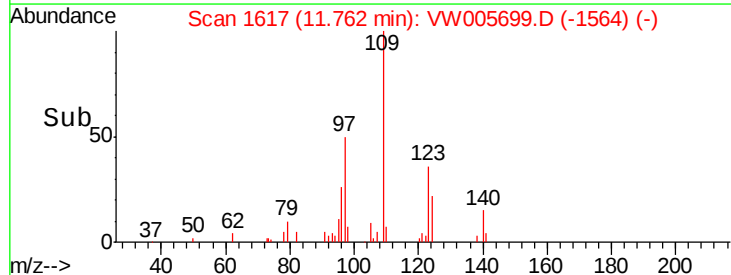
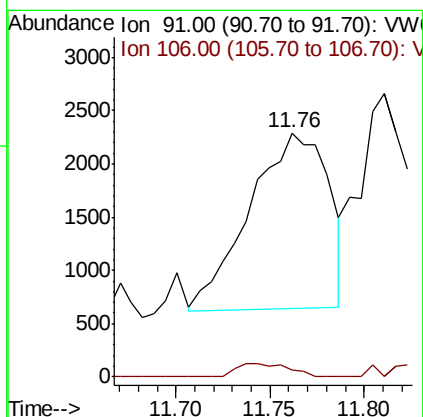
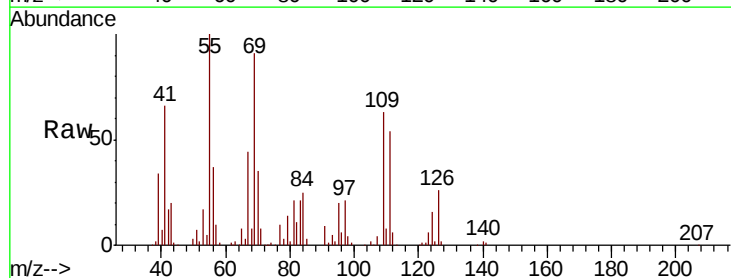
Instrument :
MSVOA_W
ClientSampleId :
TP-1-DRE

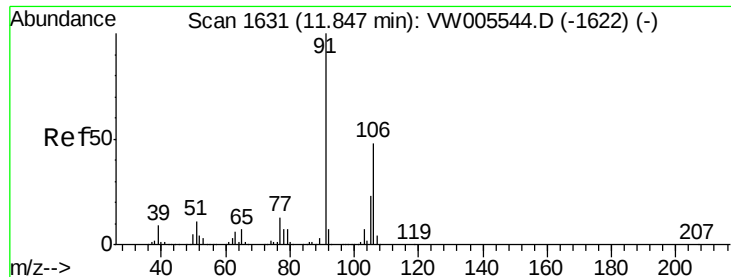
Tgt Ion: 117 Resp: 30893
Ion Ratio Lower Upper
117 100
82 69.5 46.9 70.3
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 4.131 ug/l
RT: 11.76 min Scan# 1617
Delta R.T. 0.02 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

Tgt Ion: 91 Resp: 4809
Ion Ratio Lower Upper
91 100
106 4.0 24.4 36.6#

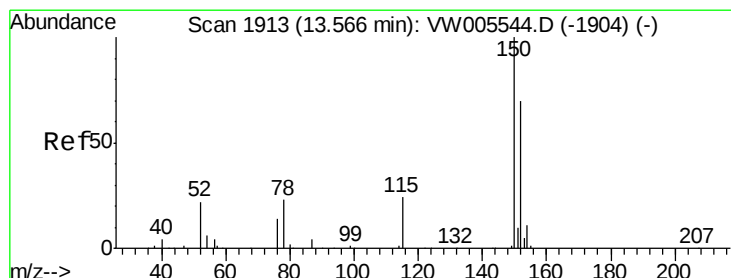
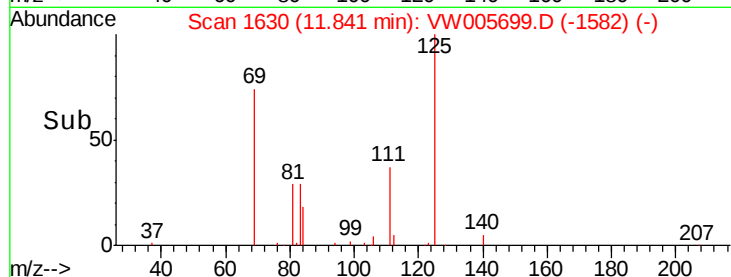
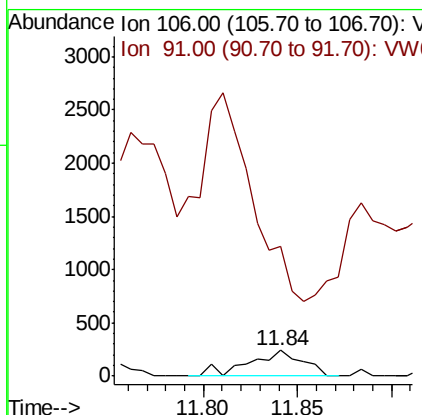
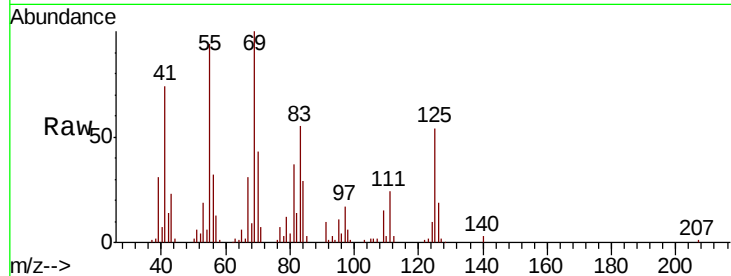




#68
m/p-Xylenes
Concen: 1.071 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

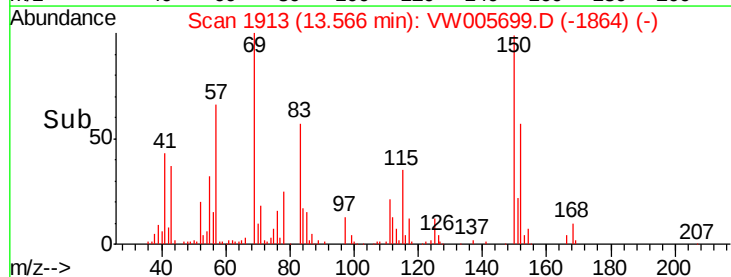
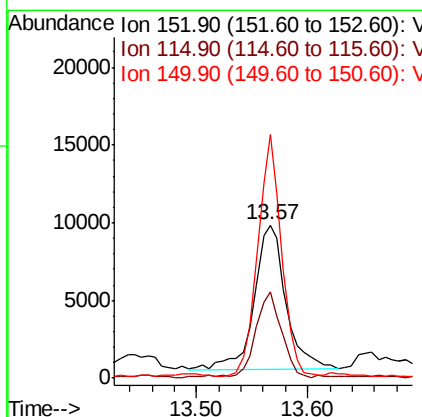
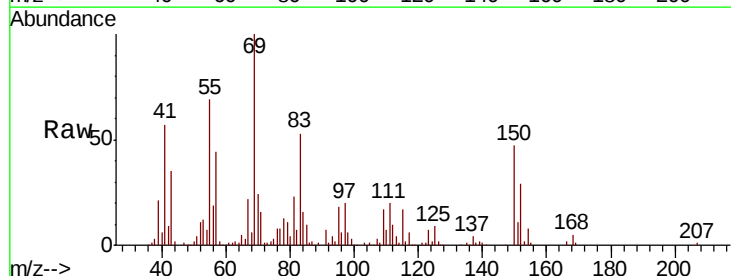
Instrument :
MSVOA_W
ClientSampleId :
TP-1-DRE

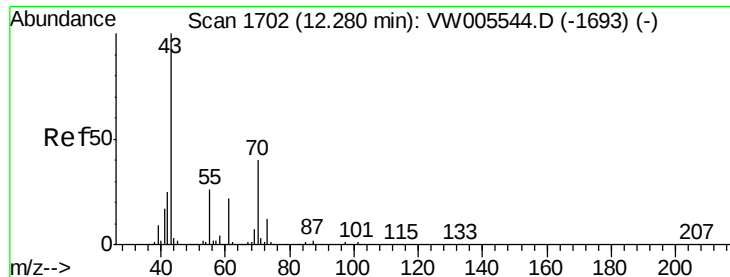
Tgt Ion:106 Resp: 471
Ion Ratio Lower Upper
106 100
91 0.0 167.8 251.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005699.D
Acq: 27 Sep 2018 14:51

Tgt Ion:152 Resp: 18418
Ion Ratio Lower Upper
152 100
115 50.6 30.0 90.0
150 126.3 0.0 348.6





#74

N-amyI acetate

Concen: 158.224 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

TP-1-DRE

Tgt Ion: 43 Resp: 45761

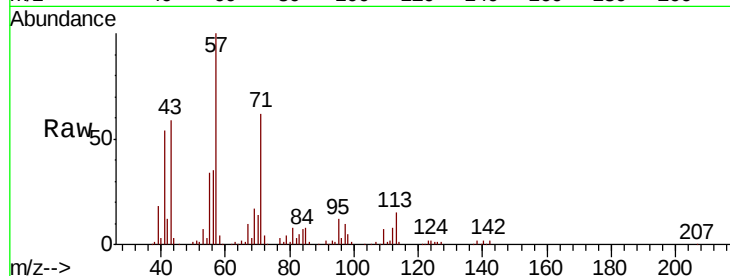
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.0#

55 0.0 20.9 31.3#

61 0.0 17.8 26.6#

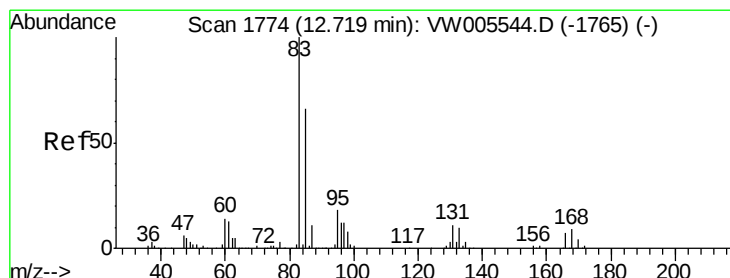
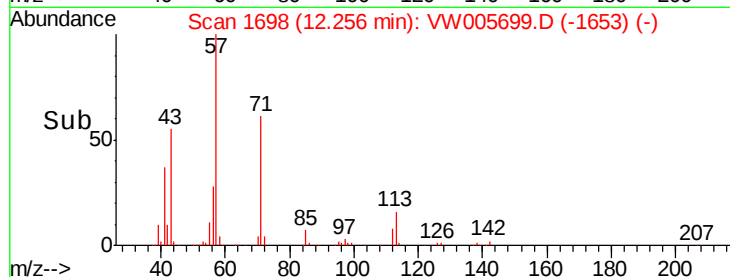
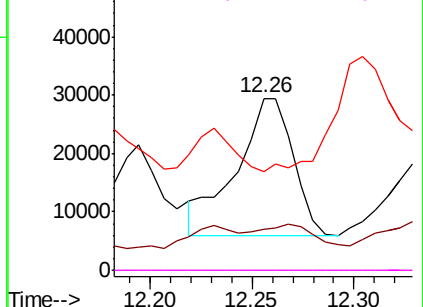


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 40.928 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

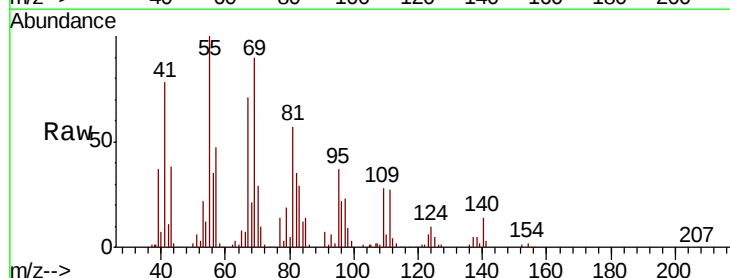
Tgt Ion: 83 Resp: 8683

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

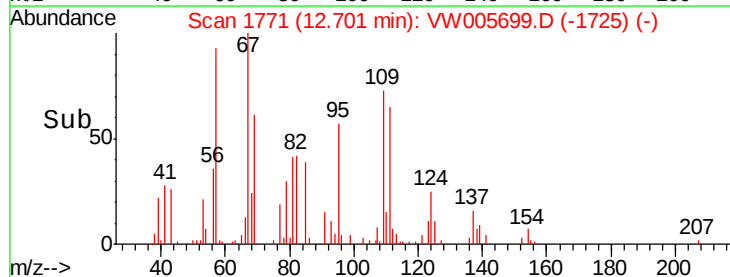
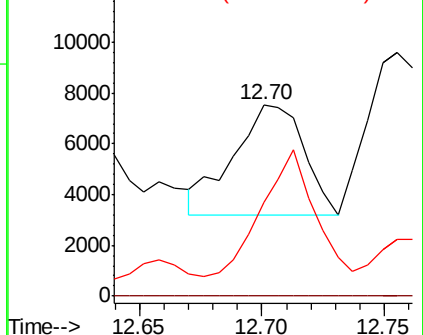
85 90.1 32.4 97.0

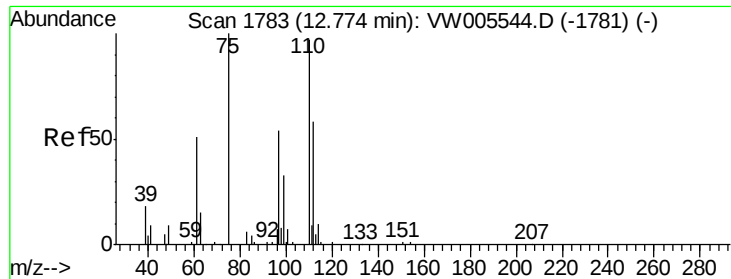


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 59.637 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

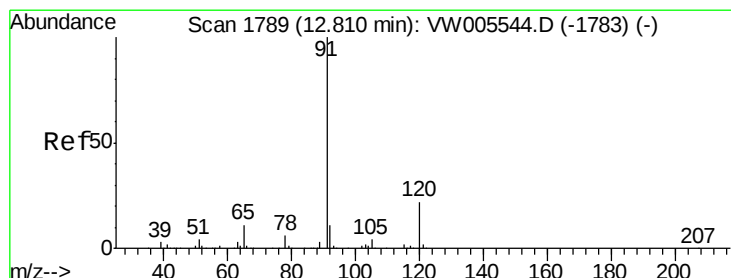
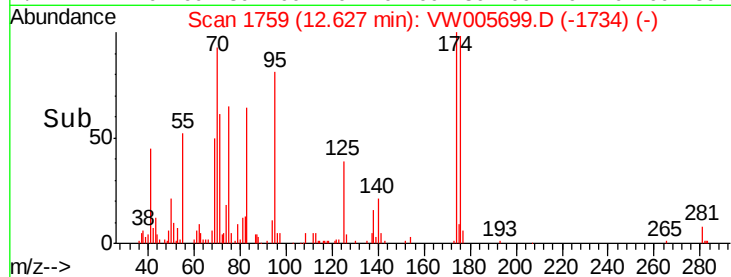
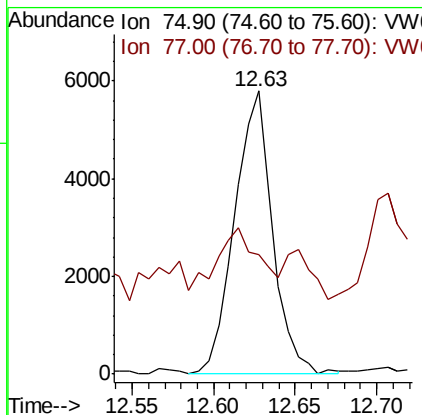
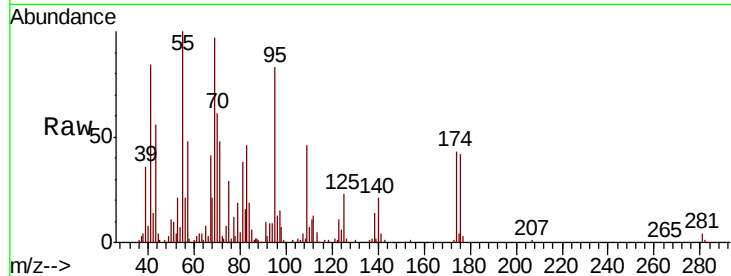
TP-1-DRE

Tgt Ion: 75 Resp: 9363

Ion Ratio Lower Upper

75 100

77 25.7 0.0 0.0#



#78

n-propylbenzene

Concen: 1.438 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW005699.D

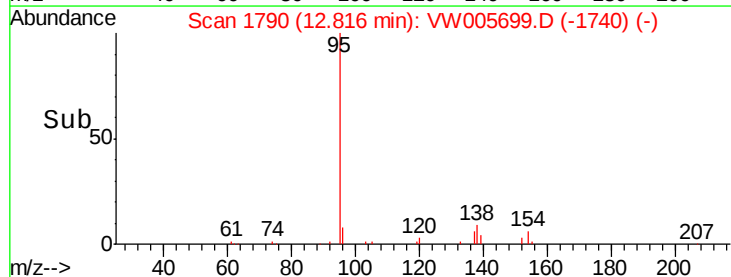
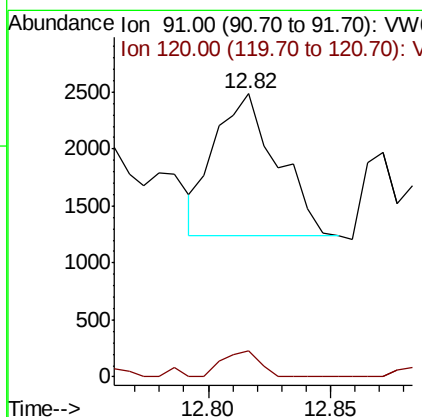
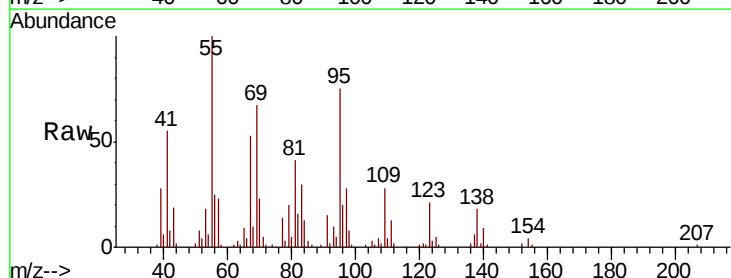
Acq: 27 Sep 2018 14:51

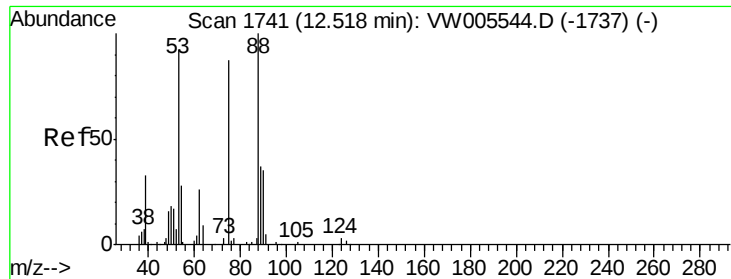
Tgt Ion: 91 Resp: 2223

Ion Ratio Lower Upper

91 100

120 10.8 11.2 33.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 134.320 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

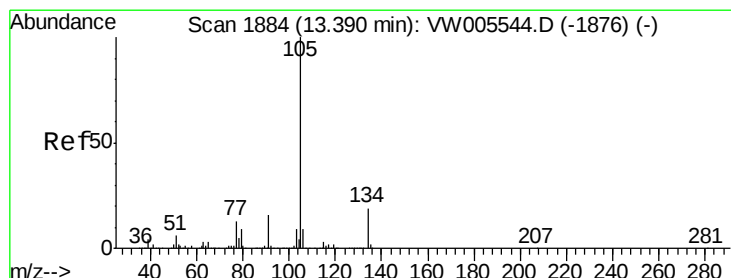
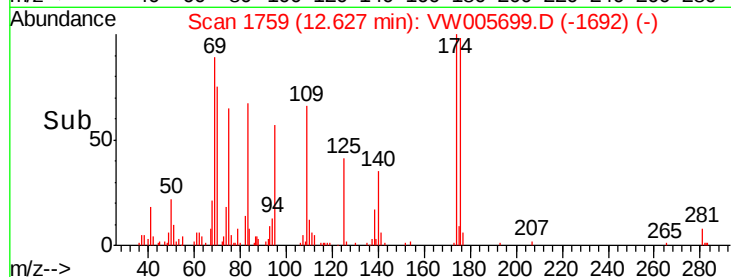
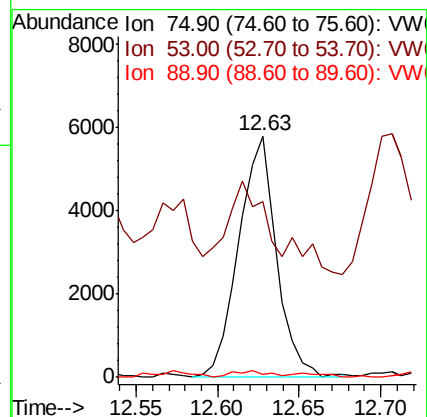
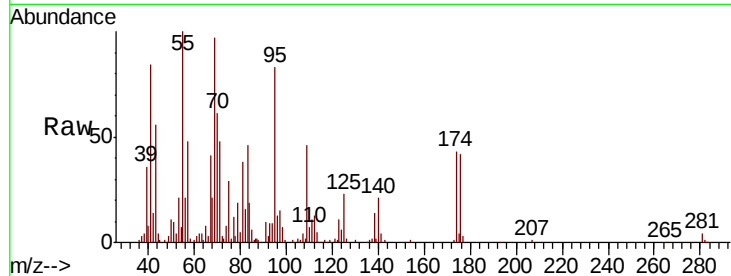
Tgt Ion: 75 Resp: 9363

Ion Ratio Lower Upper

75 100

53 25.7 85.8 128.6#

89 2.6 37.3 55.9#



#85

sec-Butylbenzene

Concen: 9.486 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005699.D

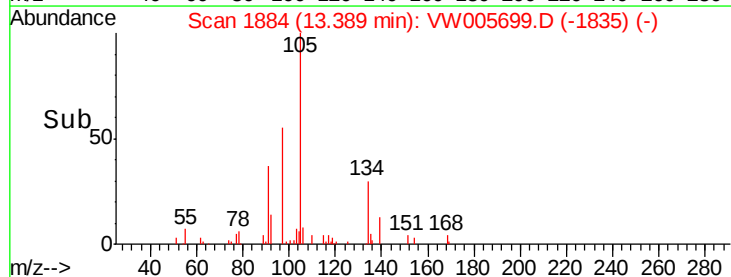
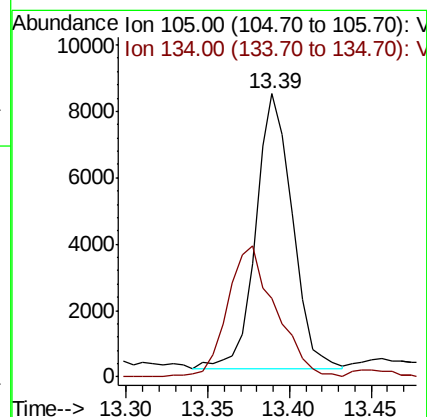
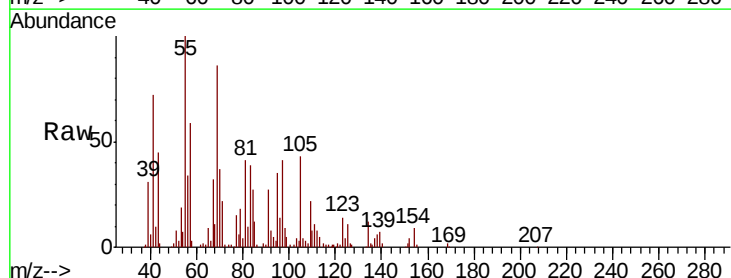
Acq: 27 Sep 2018 14:51

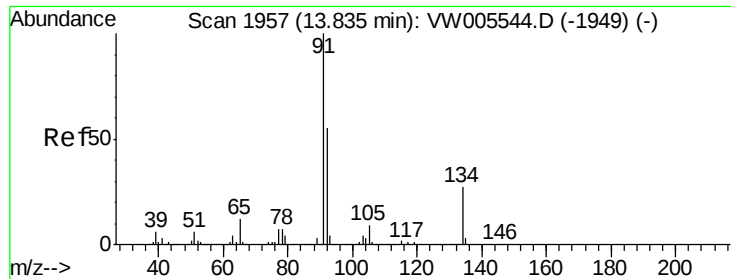
Tgt Ion: 105 Resp: 12837

Ion Ratio Lower Upper

105 100

134 62.4 9.8 29.5#





#89

n-Butylbenzene

Concen: 19.328 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

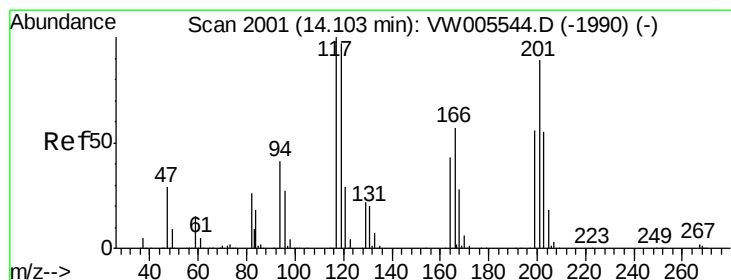
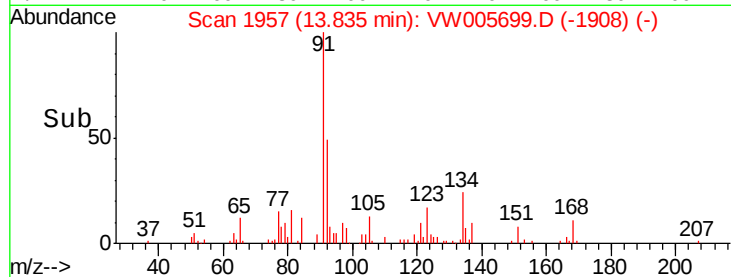
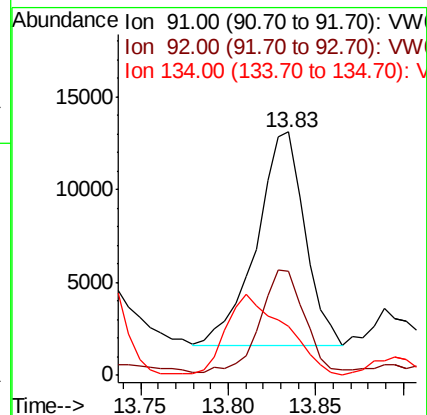
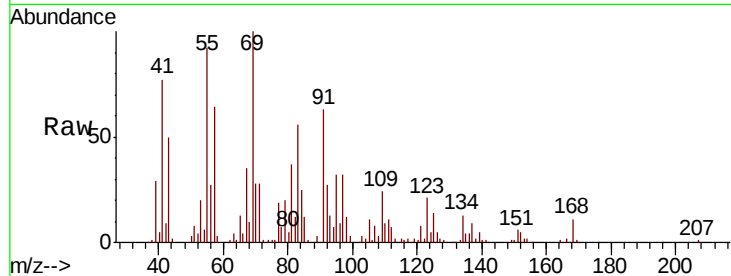
Tgt Ion: 91 Resp: 22112

Ion Ratio Lower Upper

91 100

92 42.9 26.5 79.5

134 0.0 12.9 38.7#



#90

Hexachloroethane

Concen: 30.854 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005699.D

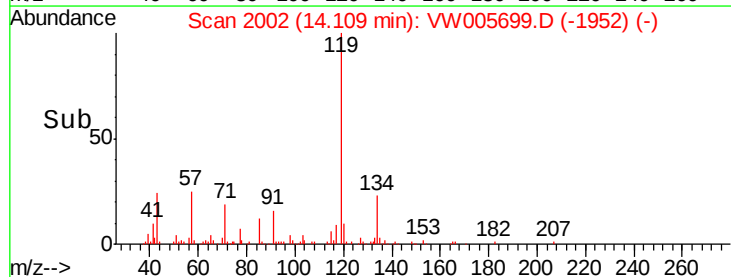
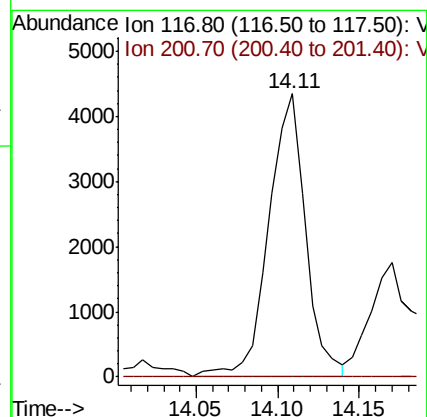
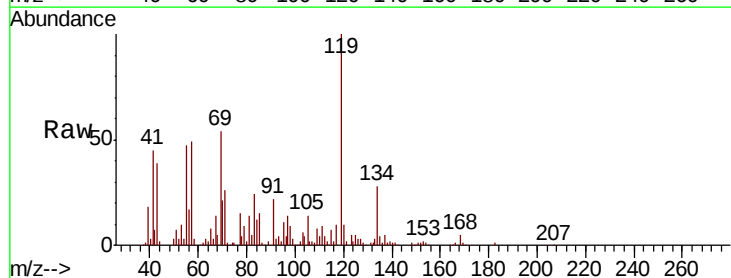
Acq: 27 Sep 2018 14:51

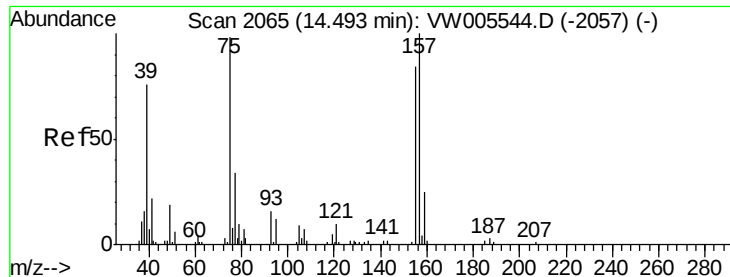
Tgt Ion: 117 Resp: 6783

Ion Ratio Lower Upper

117 100

201 0.0 42.8 128.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.407 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-DRE

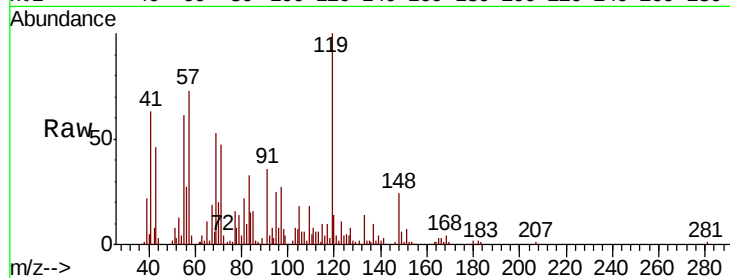
Tgt Ion: 75 Resp: 744

Ion Ratio Lower Upper

75 100

155 26.5 39.1 117.5#

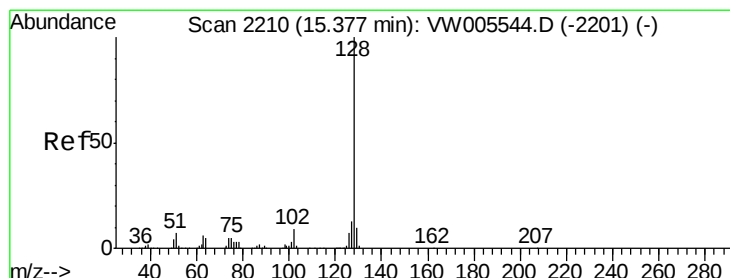
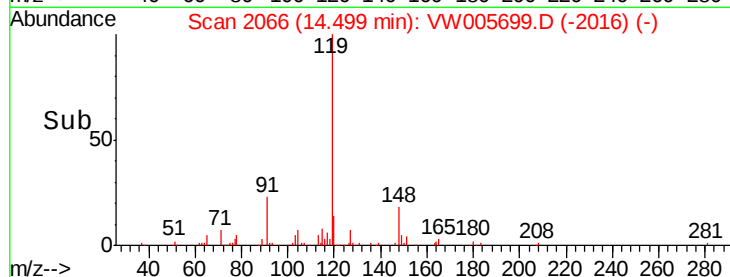
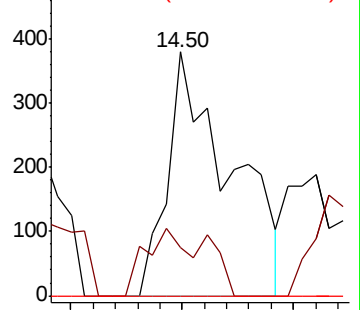
157 0.0 50.8 152.4#



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: 4.133 ug/l

RT: 15.33 min Scan# 2203

Delta R.T. -0.04 min

Lab File: VW005699.D

Acq: 27 Sep 2018 14:51

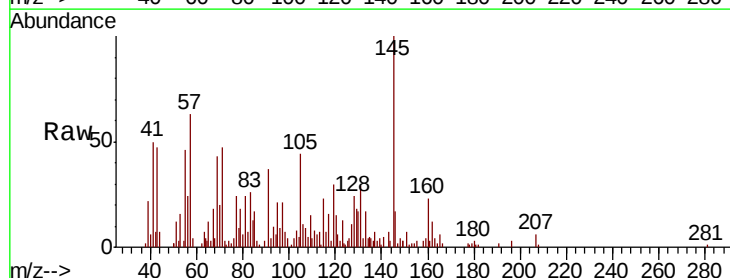
Tgt Ion: 128 Resp: 2680

Ion Ratio Lower Upper

128 100

127 67.9 10.9 16.3#

129 86.0 8.6 13.0#



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

