

Data File : VW004870.D
Acq On : 22 Aug 2018 05:45
Operator : SY/AP
Sample : J4273-11
Misc : 4.95G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T27-COMP

Quant Time: Aug 22 07:51:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	433720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	641328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	232119	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
35) Dibromofluoromethane	7.89	113	241560	58.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.86%	
50) Toluene-d8	10.33	98	741983	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.62	95	140446	24.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.80%	

Target Compounds

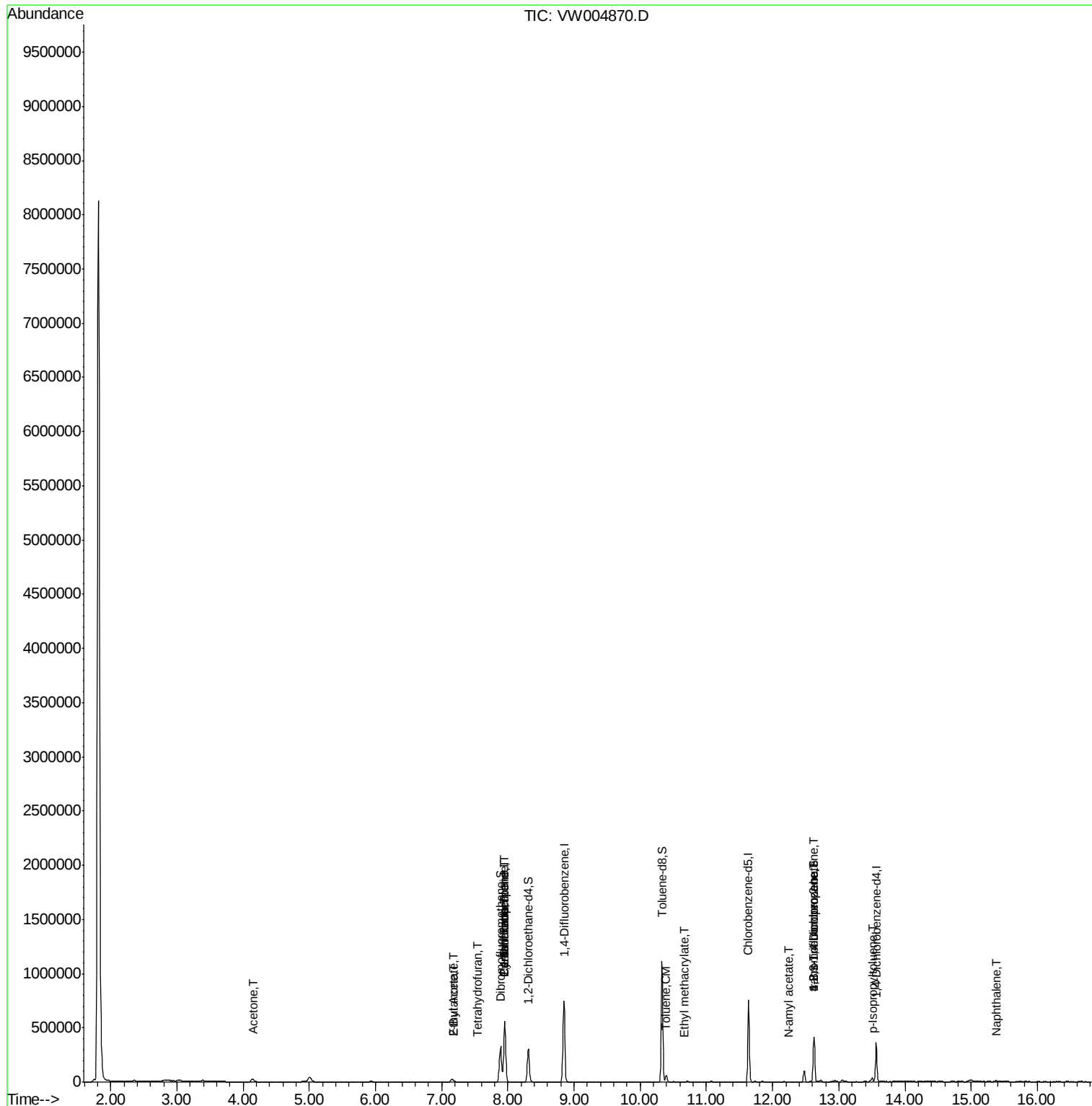
						Qvalue
16) Acetone	4.15	43	52237	48.800	ug/l	100
20) Methylene Chloride	4.91	84	9105	Below	Cal	97
25) 2-Butanone	7.19	43	5059	3.317	ug/l #	87
29) Tetrahydrofuran	7.54	42	1418	1.823	ug/l	91
31) Cyclohexane	7.95	56	8906	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	31302	4.738	ug/l #	49
37) Ethyl Acetate	7.19	43	5059	1.921	ug/l #	67
38) Carbon Tetrachloride	7.95	117	39561	6.505	ug/l #	16
52) Toluene	10.39	92	25868	2.246	ug/l	98
56) Ethyl methacrylate	10.66	69	55	2.992	ug/l #	1
74) N-amyl acetate	12.25	43	244	4.163	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	67329	78.037	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67329	181.380	ug/l #	14
86) p-Isopropyltoluene	13.51	119	20857	3.318	ug/l	90
95) Naphthalene	15.38	128	8153	5.386	ug/l	96

(#) = 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# 1044

Delta R.T. -0.00 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampled :

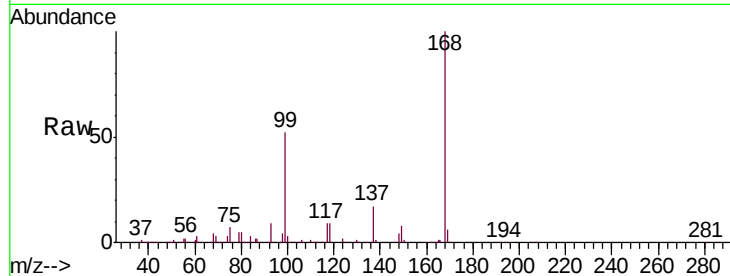
T27-COMP

Tgt Ion:168 Resp: 433720

Ion Ratio Lower Upper

168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

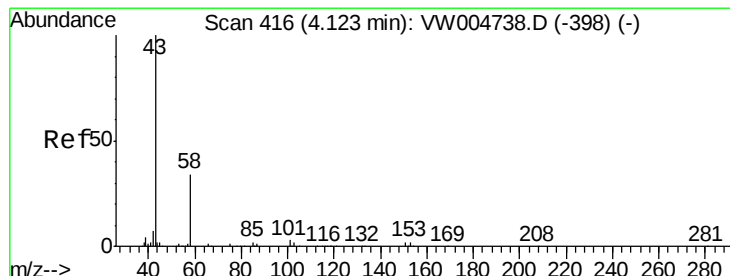
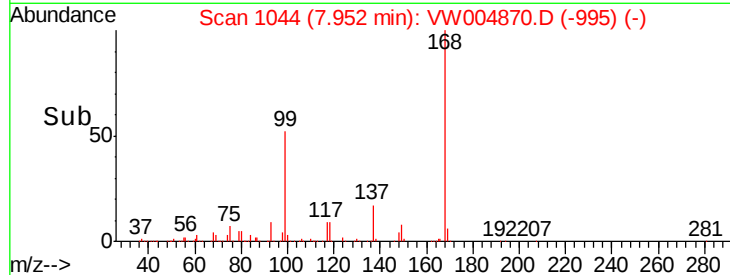
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 48.800 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004870.D

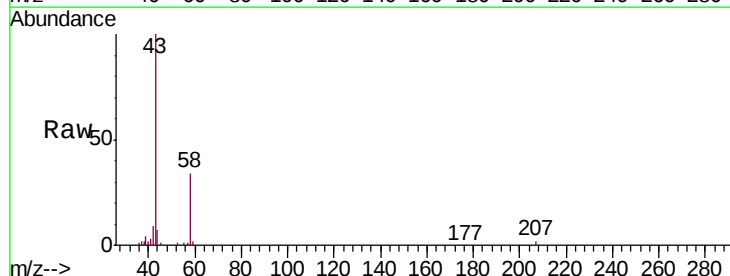
Acq: 22 Aug 2018 05:45

Tgt Ion: 43 Resp: 52237

Ion Ratio Lower Upper

43 100

58 34.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

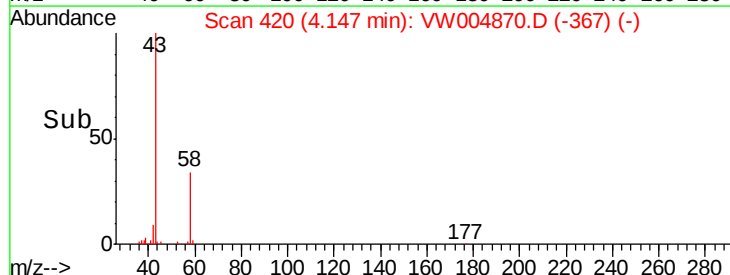
15000

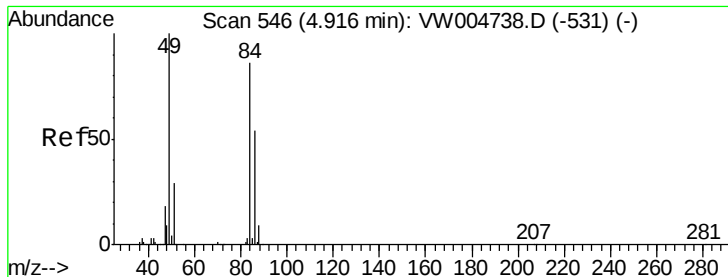
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

T27-COMP

Tgt Ion: 84 Resp: 9105

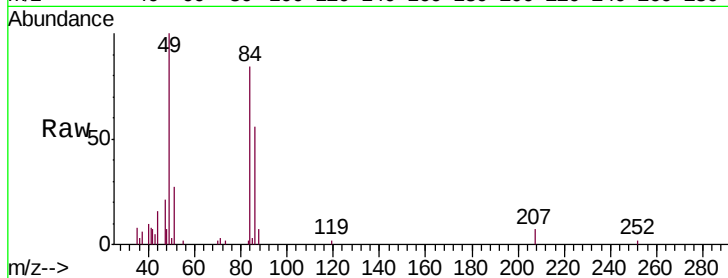
Ion Ratio Lower Upper

84 100

49 118.7 93.2 139.8

51 32.3 27.4 41.0

86 66.5 50.6 75.8



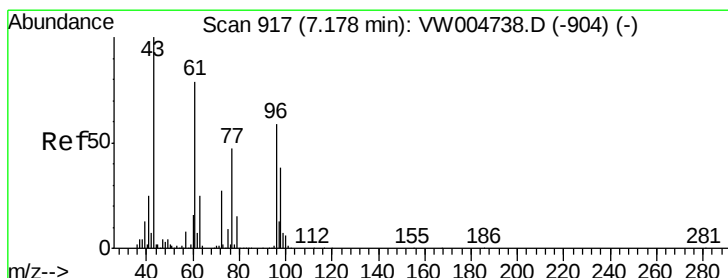
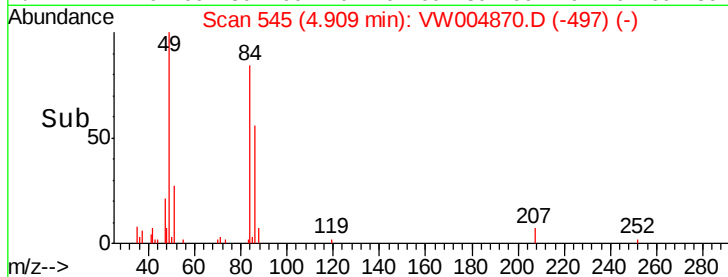
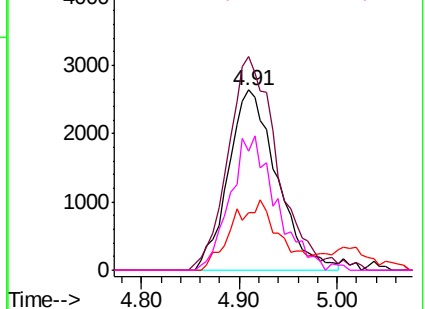
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 3.317 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004870.D

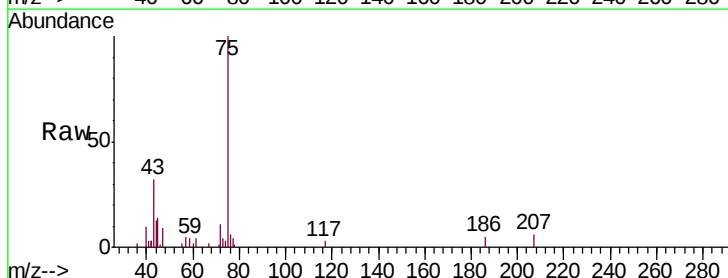
Acq: 22 Aug 2018 05:45

Tgt Ion: 43 Resp: 5059

Ion Ratio Lower Upper

43 100

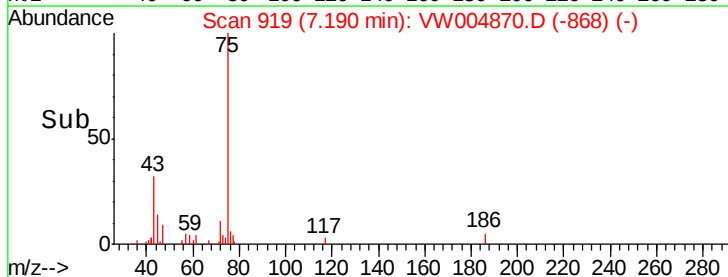
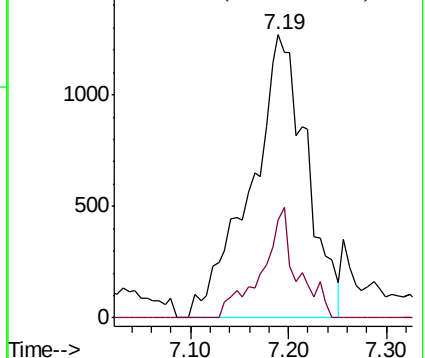
72 34.4 22.0 33.0#

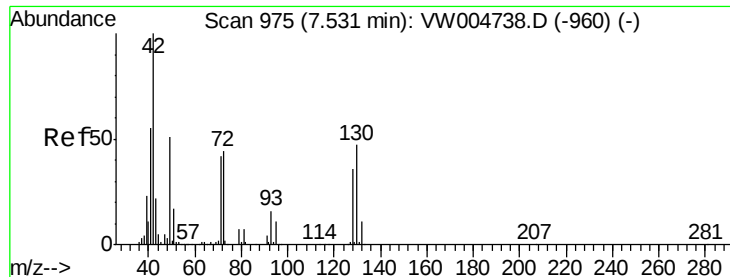


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

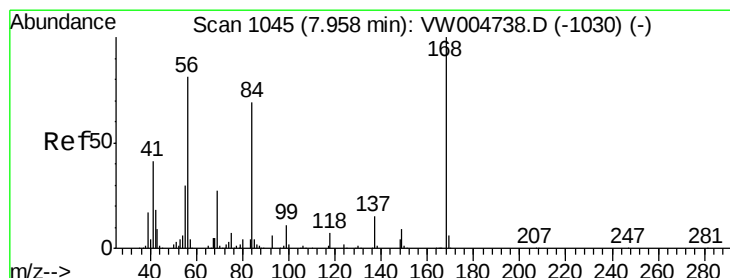
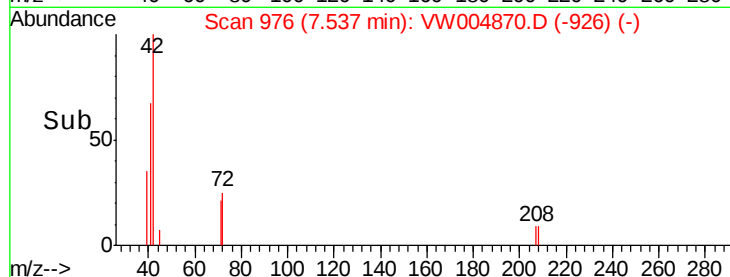
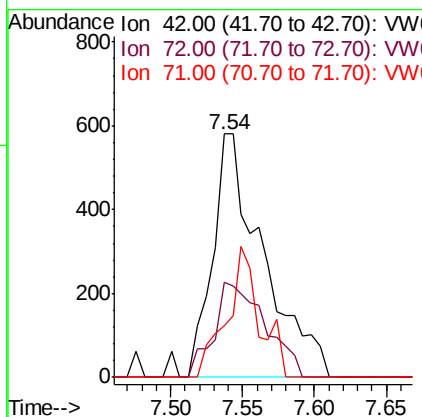
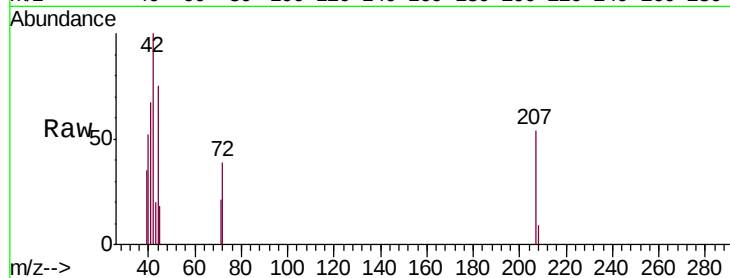




#29
Tetrahydrofuran
Concen: 1.823 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

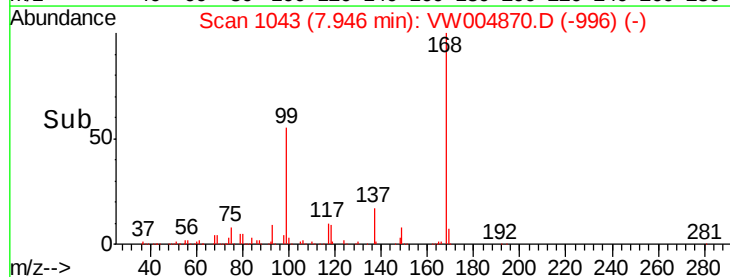
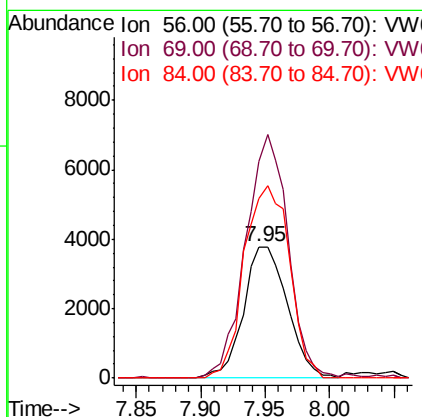
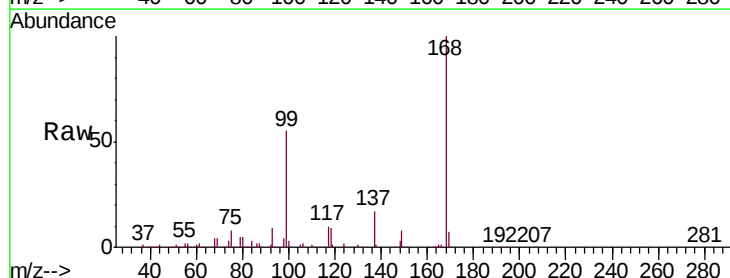
Instrument :
MSVOA_W
ClientSampleId :
T27-COMP

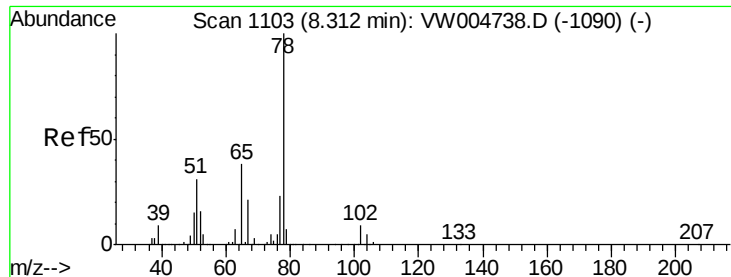
Tgt Ion: 42 Resp: 1418
Ion Ratio Lower Upper
42 100
72 39.9 34.9 52.3
71 34.9 33.8 50.6



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Tgt Ion: 56 Resp: 8906
Ion Ratio Lower Upper
56 100
69 164.8 27.1 40.7#
84 136.9 68.3 102.5#

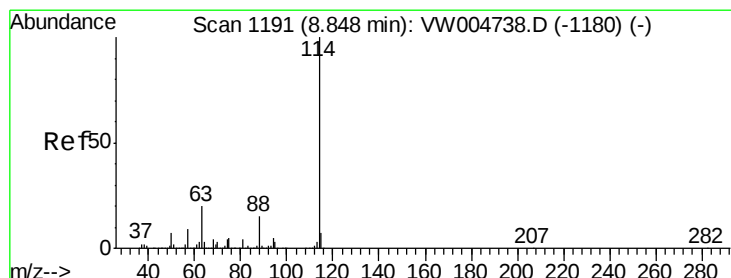
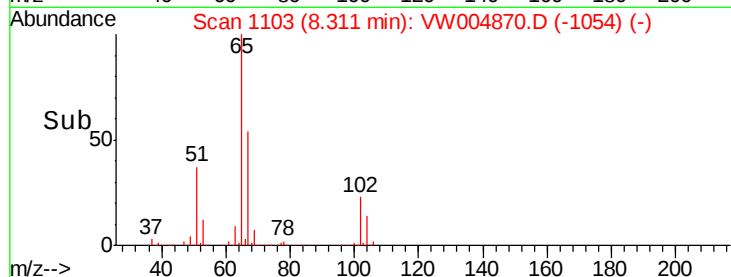
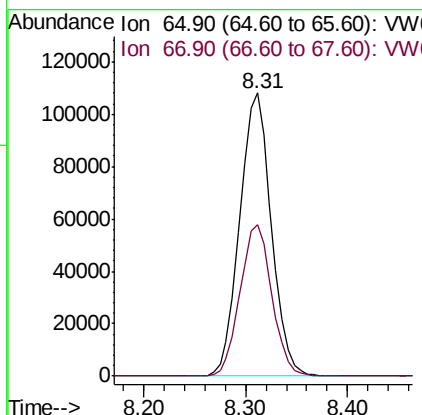
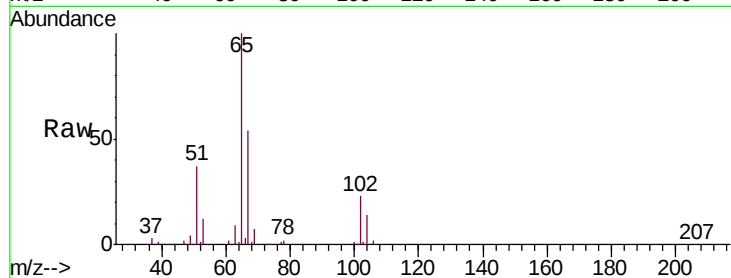




#33
 1,2-Dichloroethane-d4
 Concen: 55.356 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004870.D
 Acq: 22 Aug 2018 05:45

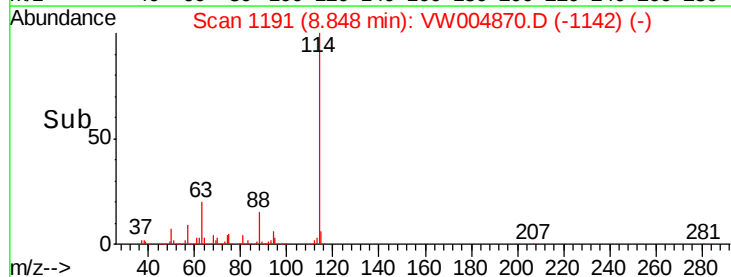
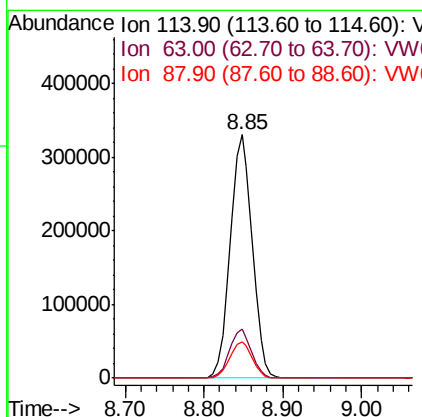
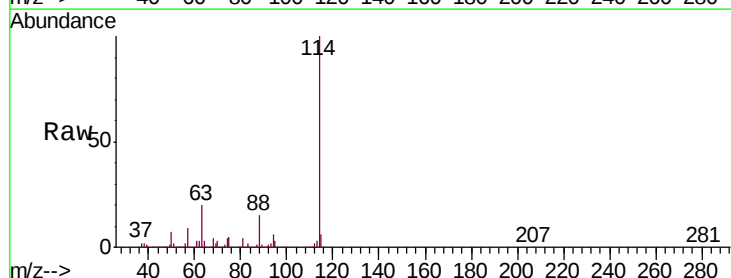
Instrument :
 MSVOA_W
 ClientSampleId :
 T27-COMP

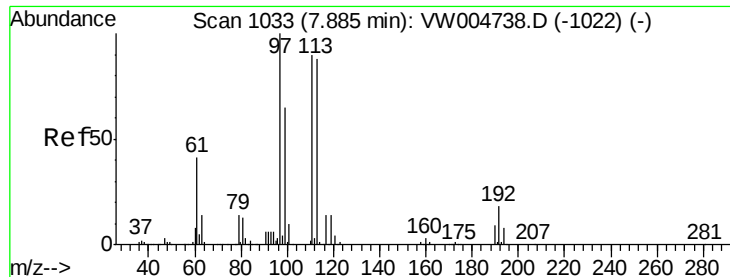
Tgt Ion: 65 Resp: 232119
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004870.D
 Acq: 22 Aug 2018 05:45

Tgt Ion: 114 Resp: 641328
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 58.932 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampled :

T27-COMP

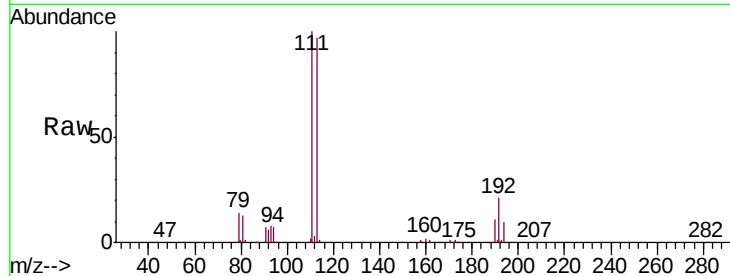
Tgt Ion:113 Resp: 241560

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

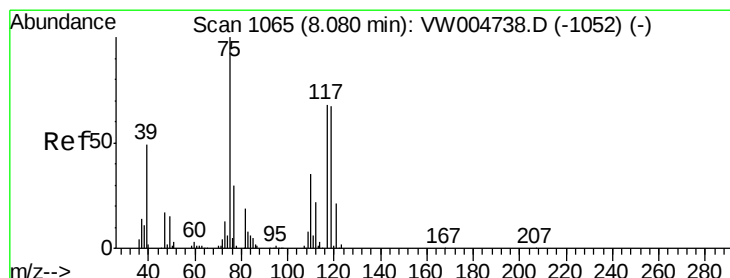
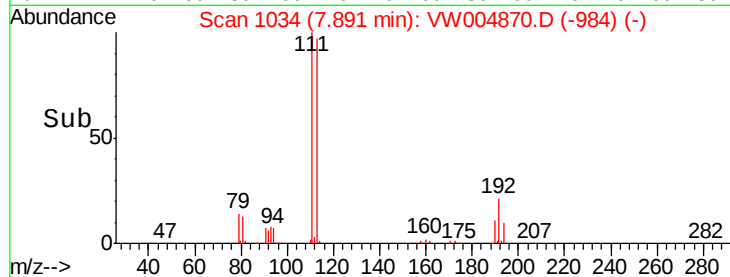
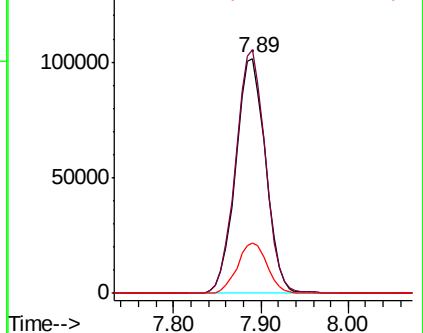
192 21.3 16.7 25.1



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: 4.738 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

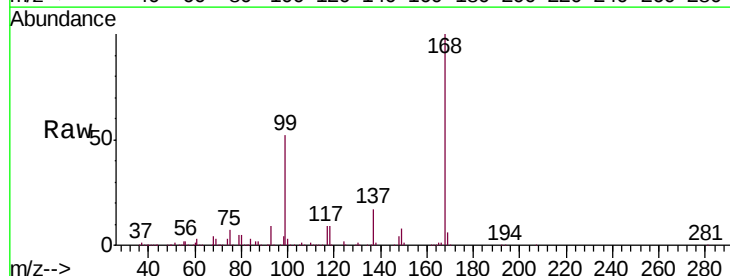
Tgt Ion: 75 Resp: 31302

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

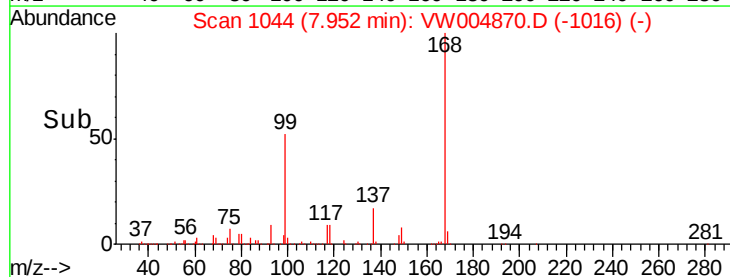
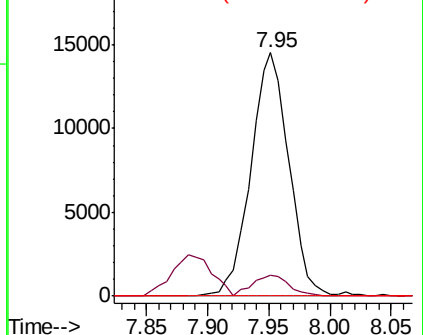
77 0.0 24.9 37.3#

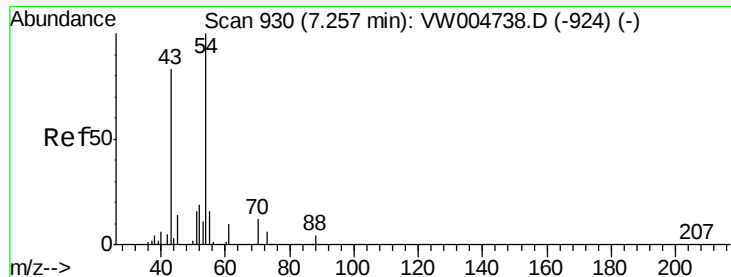


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.921 ug/l

RT: 7.19 min Scan# 919

Delta R.T. -0.07 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

T27-COMP

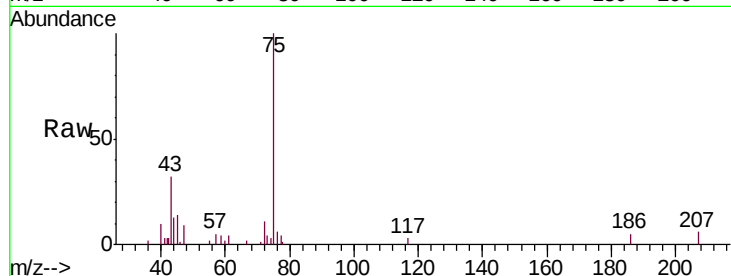
Tgt Ion: 43 Resp: 5059

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

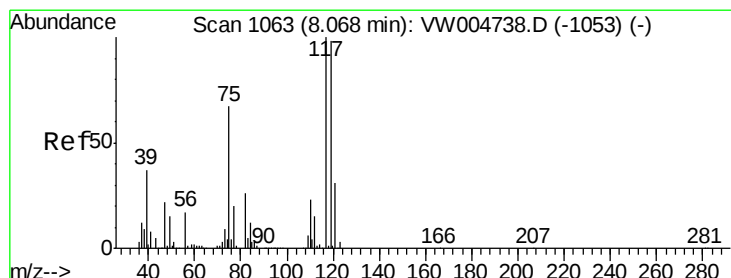
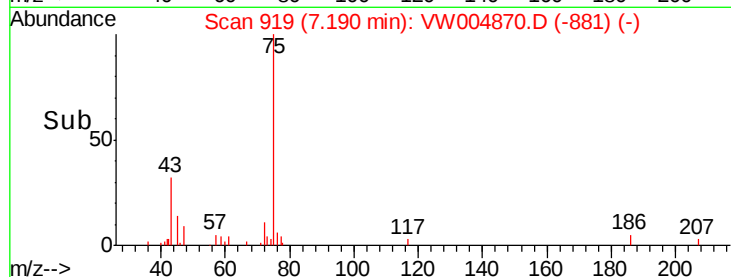
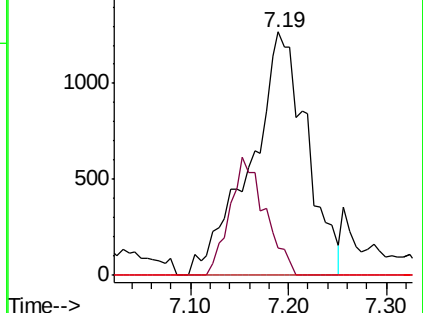
70 0.0 9.2 13.8#



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: 6.505 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

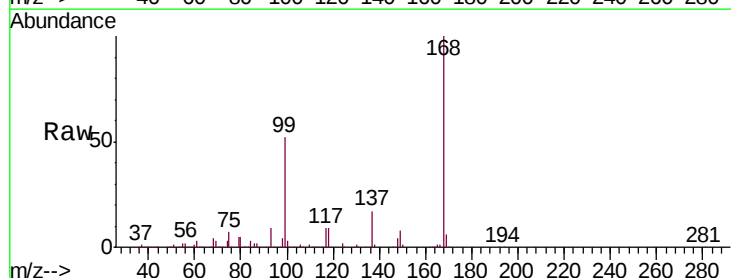
Tgt Ion: 117 Resp: 39561

Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

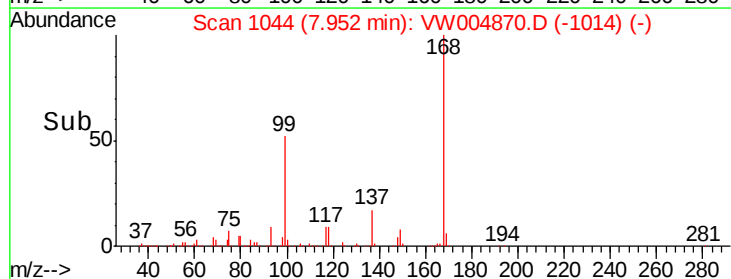
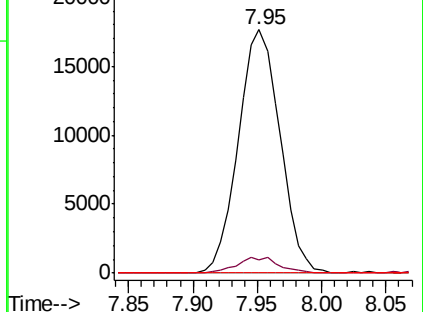
121 0.0 24.8 37.2#

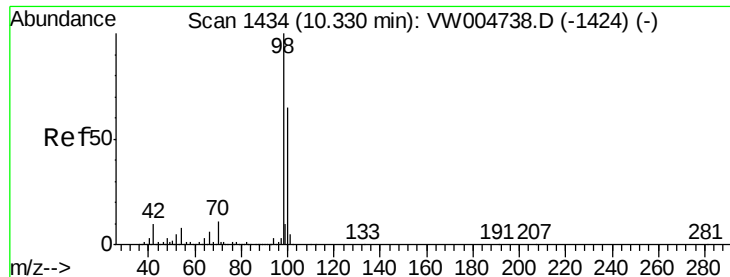


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.372 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

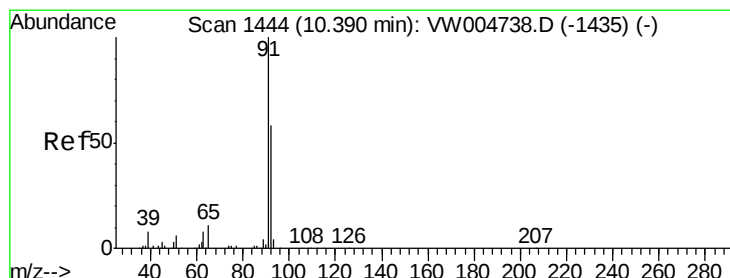
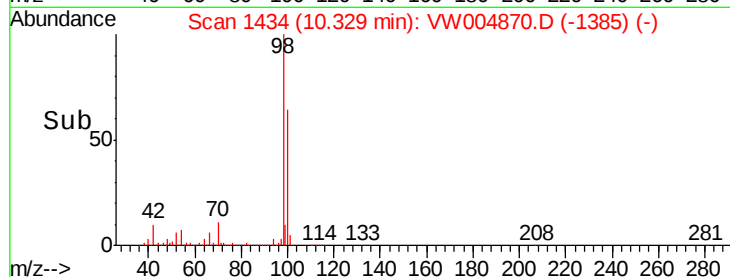
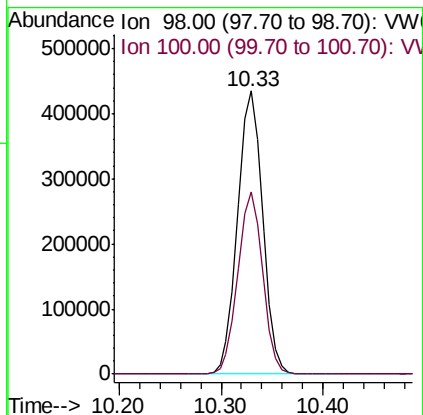
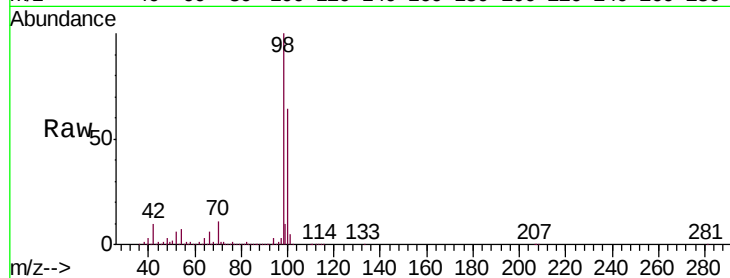
T27-COMP

Tgt Ion: 98 Resp: 741983

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#52

Toluene

Concen: 2.246 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004870.D

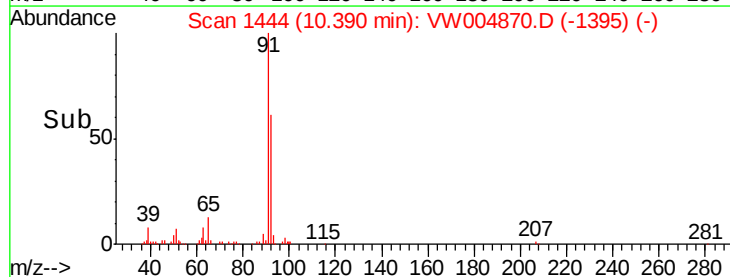
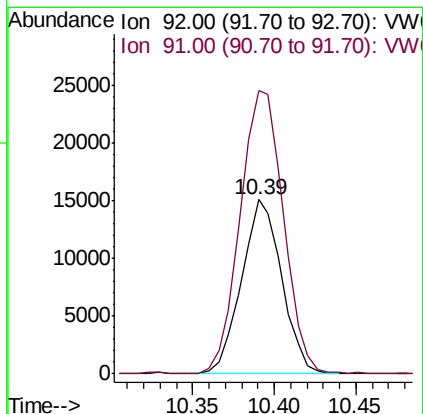
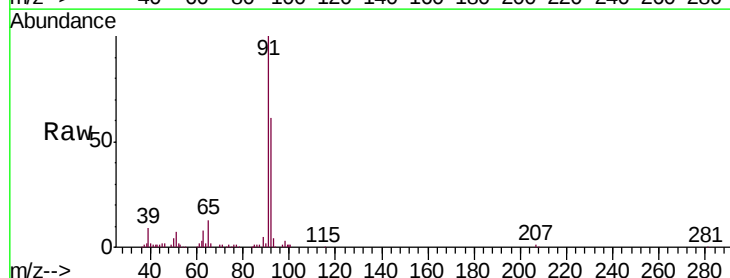
Acq: 22 Aug 2018 05:45

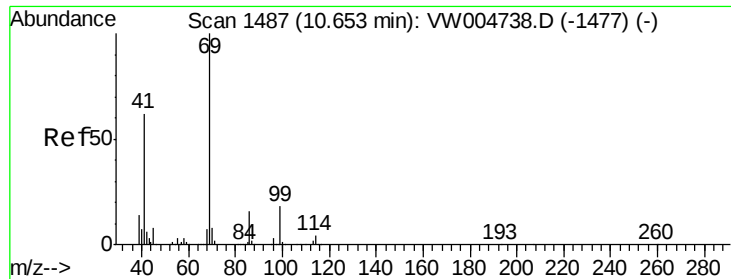
Tgt Ion: 92 Resp: 25868

Ion Ratio Lower Upper

92 100

91 175.9 138.3 207.5





#56

Ethyl methacrylate

Concen: 2.992 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

Instrument :

MSVOA_W

ClientSampleId :

T27-COMP

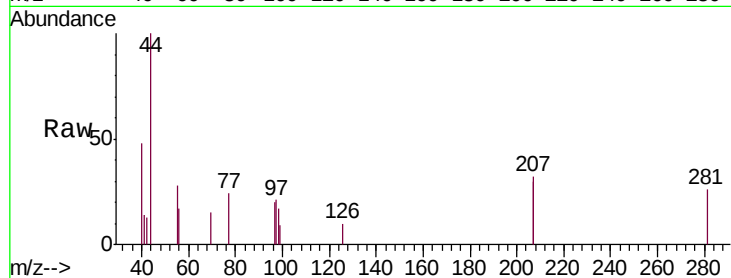
Tgt Ion: 69 Resp: 55

Ion Ratio Lower Upper

69 100

41 229.1 50.7 76.1#

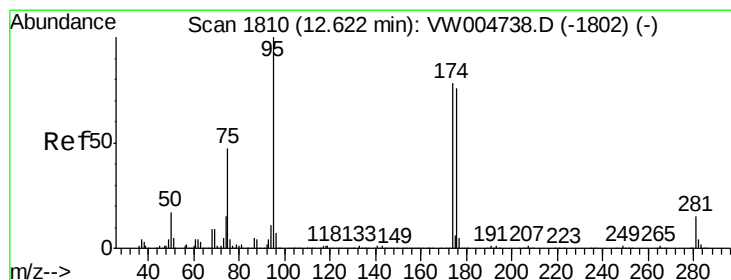
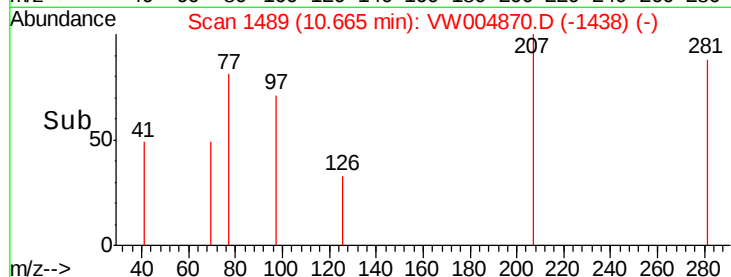
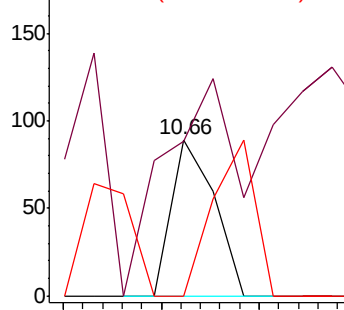
39 0.0 21.4 32.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 24.398 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004870.D

Acq: 22 Aug 2018 05:45

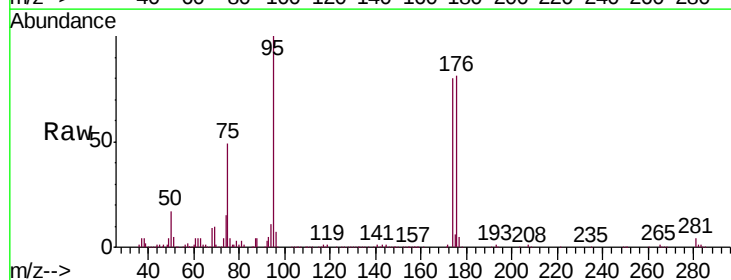
Tgt Ion: 95 Resp: 140446

Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

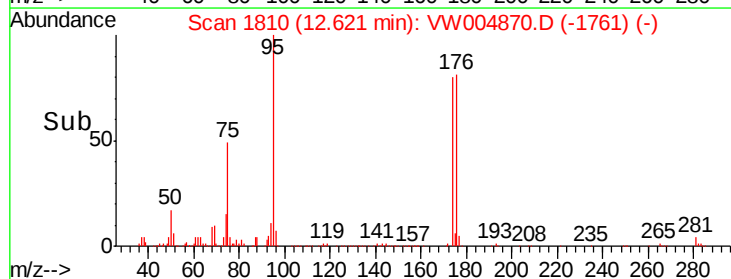
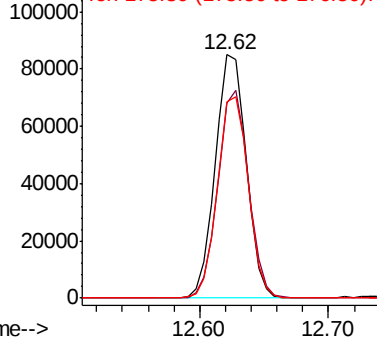
176 82.6 0.0 159.8

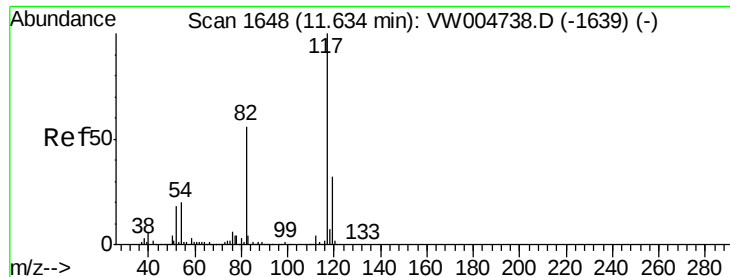


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

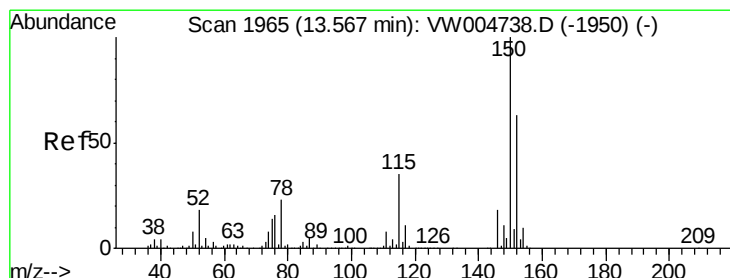
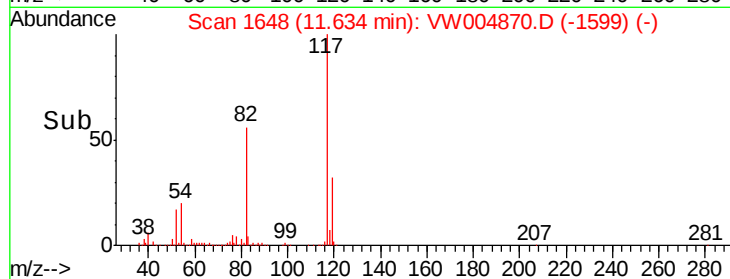
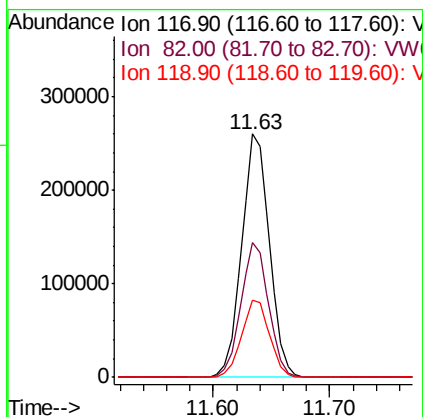
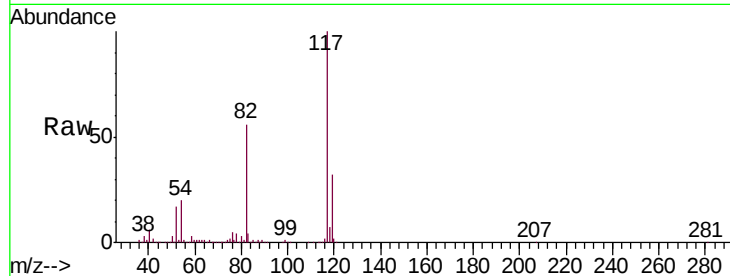




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

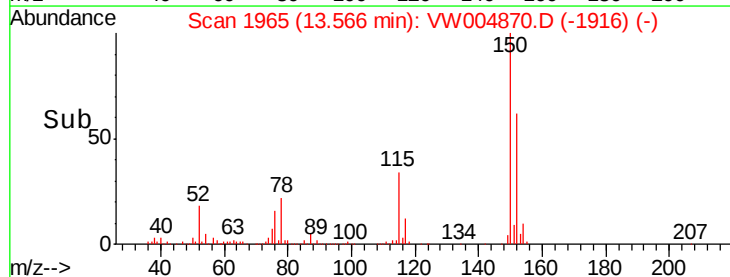
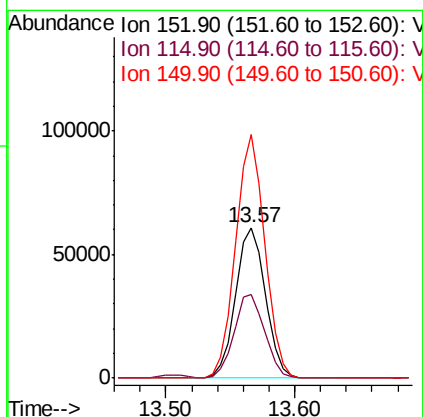
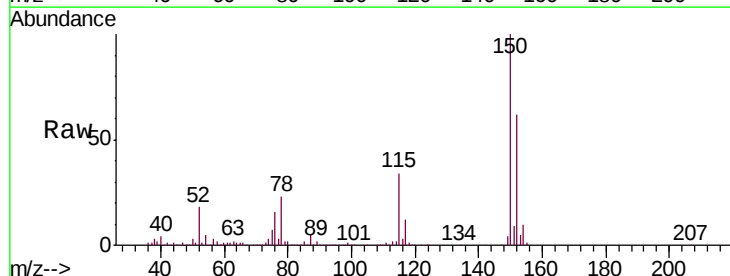
Instrument :
MSVOA_W
ClientSampleId :
T27-COMP

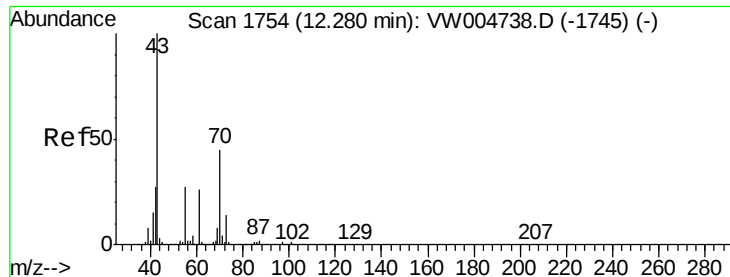
Tgt Ion:117 Resp: 432393
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Tgt Ion:152 Resp: 97874
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 157.8 0.0 344.8

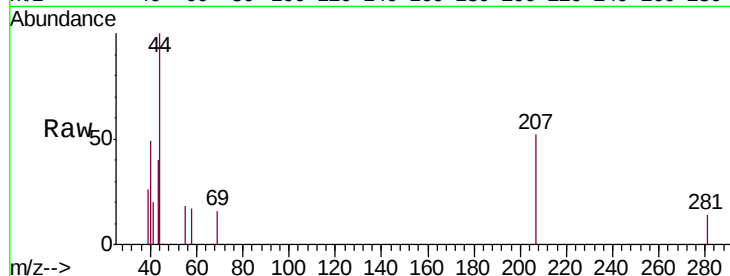




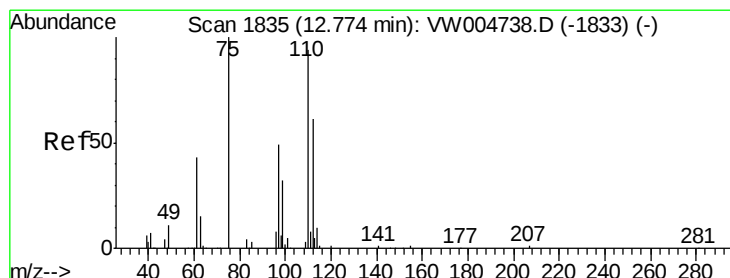
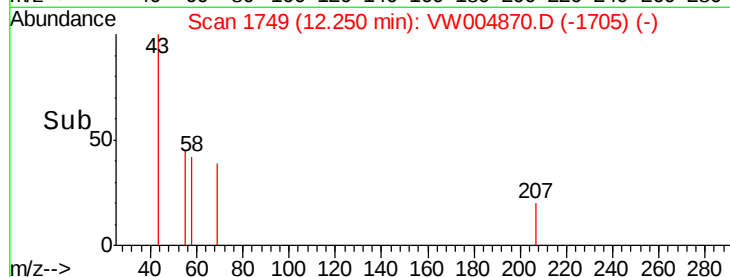
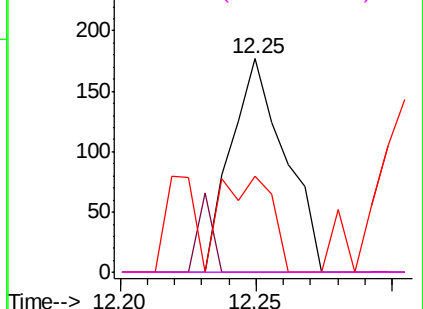
#74
N-ethyl acetate
Concen: 4.163 ug/l
RT: 12.25 min Scan# 1749
Delta R.T. -0.03 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Instrument :
MSVOA_W
ClientSampled :
T27-COMP

Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
70 9.8 36.3 54.5#
55 42.6 22.6 33.8#
61 0.0 20.2 30.4#

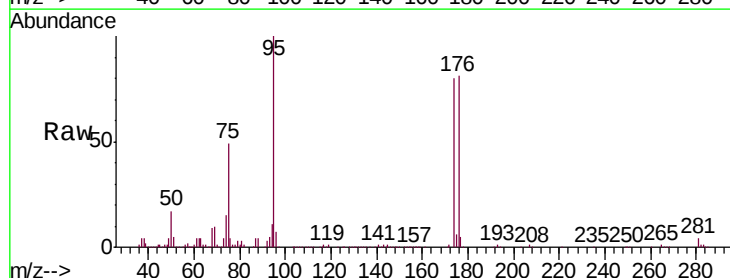


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

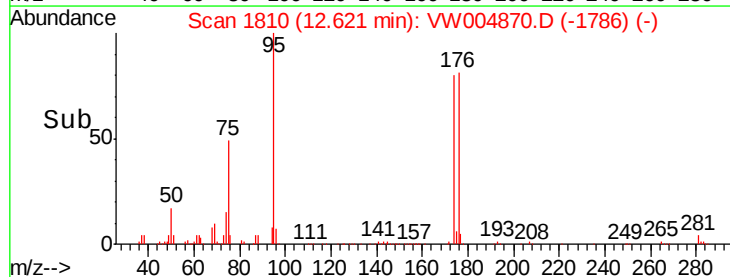
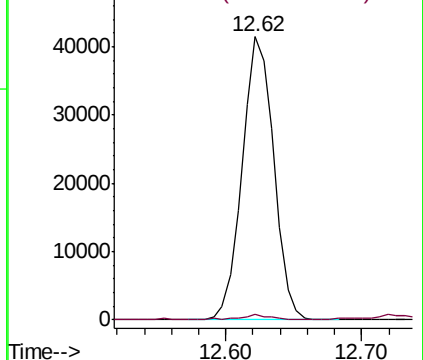


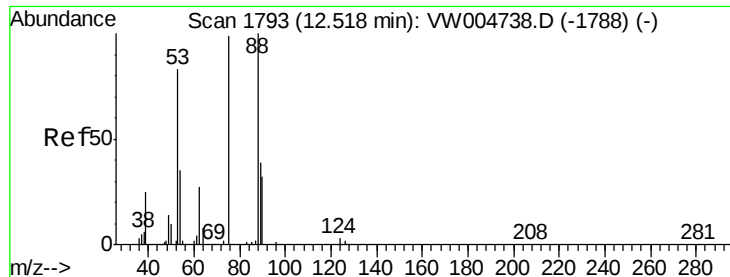
#76
1,2,3-Trichloropropane
Concen: 78.037 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Tgt Ion: 75 Resp: 67329
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

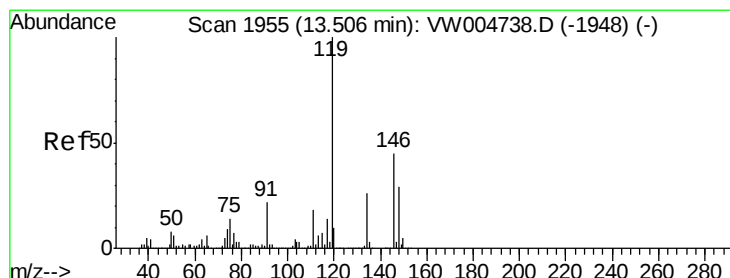
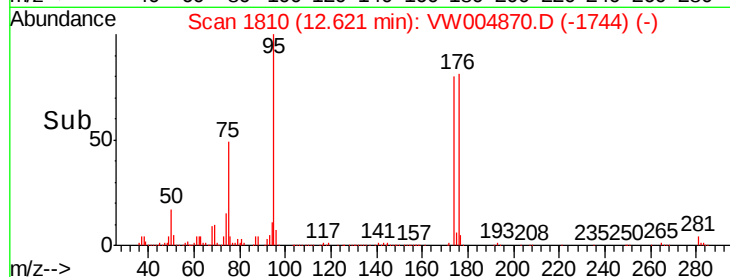
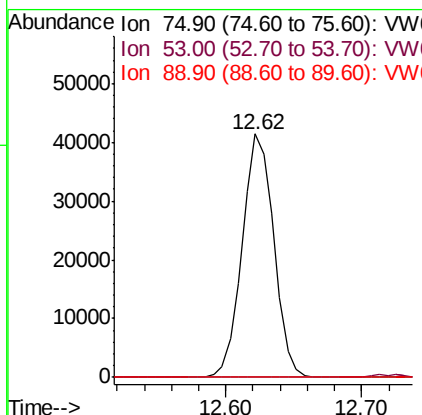
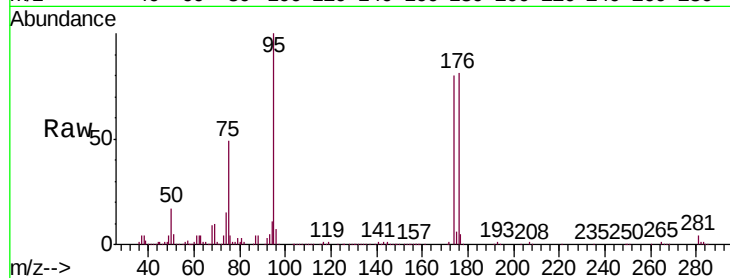




#81
trans-1,4-Dichloro-2-butene
Concen: 181.380 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

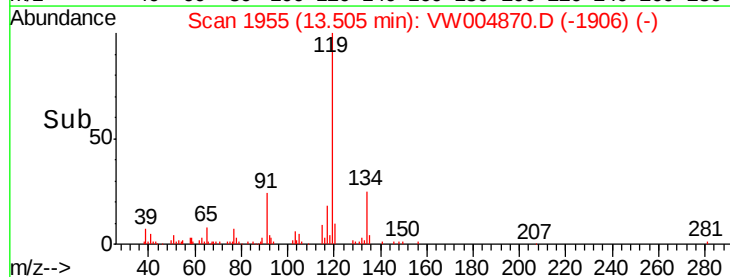
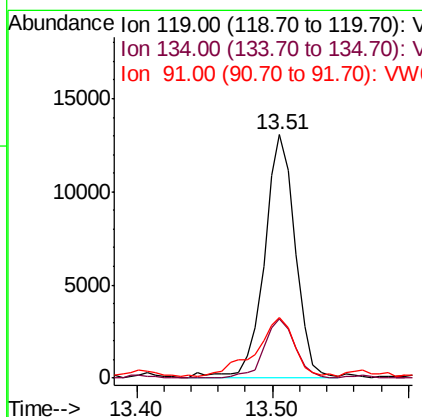
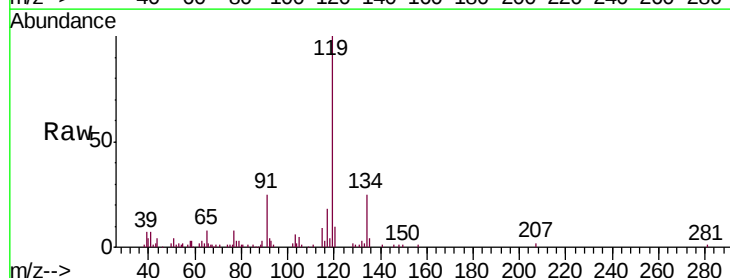
Instrument :
MSVOA_W
ClientSampled :
T27-COMP

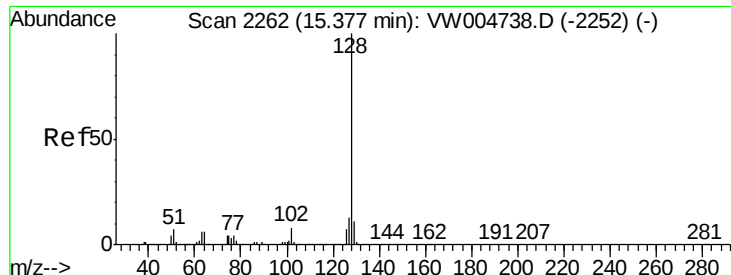
Tgt Ion: 75 Resp: 67329
Ion Ratio Lower Upper
75 100
53 0.4 72.2 108.4#
89 0.0 35.2 52.8#



#86
p-Isopropyltoluene
Concen: 3.318 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Tgt Ion: 119 Resp: 20857
Ion Ratio Lower Upper
119 100
134 24.4 13.1 39.3
91 31.0 11.2 33.5

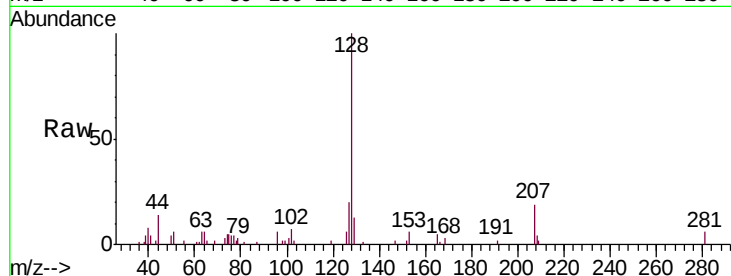




#95
Naphthalene
Concen: 5.386 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004870.D
Acq: 22 Aug 2018 05:45

Instrument :
MSVOA_W
ClientSampleId :
T27-COMP

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	12.4	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

