

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004338.D
 Acq On : 30 Jul 2018 03:43
 Operator : SY/AP
 Sample : J4180-01
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 06:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64802	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	71959	58.25	ug/l	0.00
Spiked Amount			Recovery	=	116.50%	
35) Dibromofluoromethane	7.88	113	63371	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
50) Toluene-d8	10.33	98	213921	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.63	95	68776	41.78	ug/l	0.00
Spiked Amount			Recovery	=	83.56%	

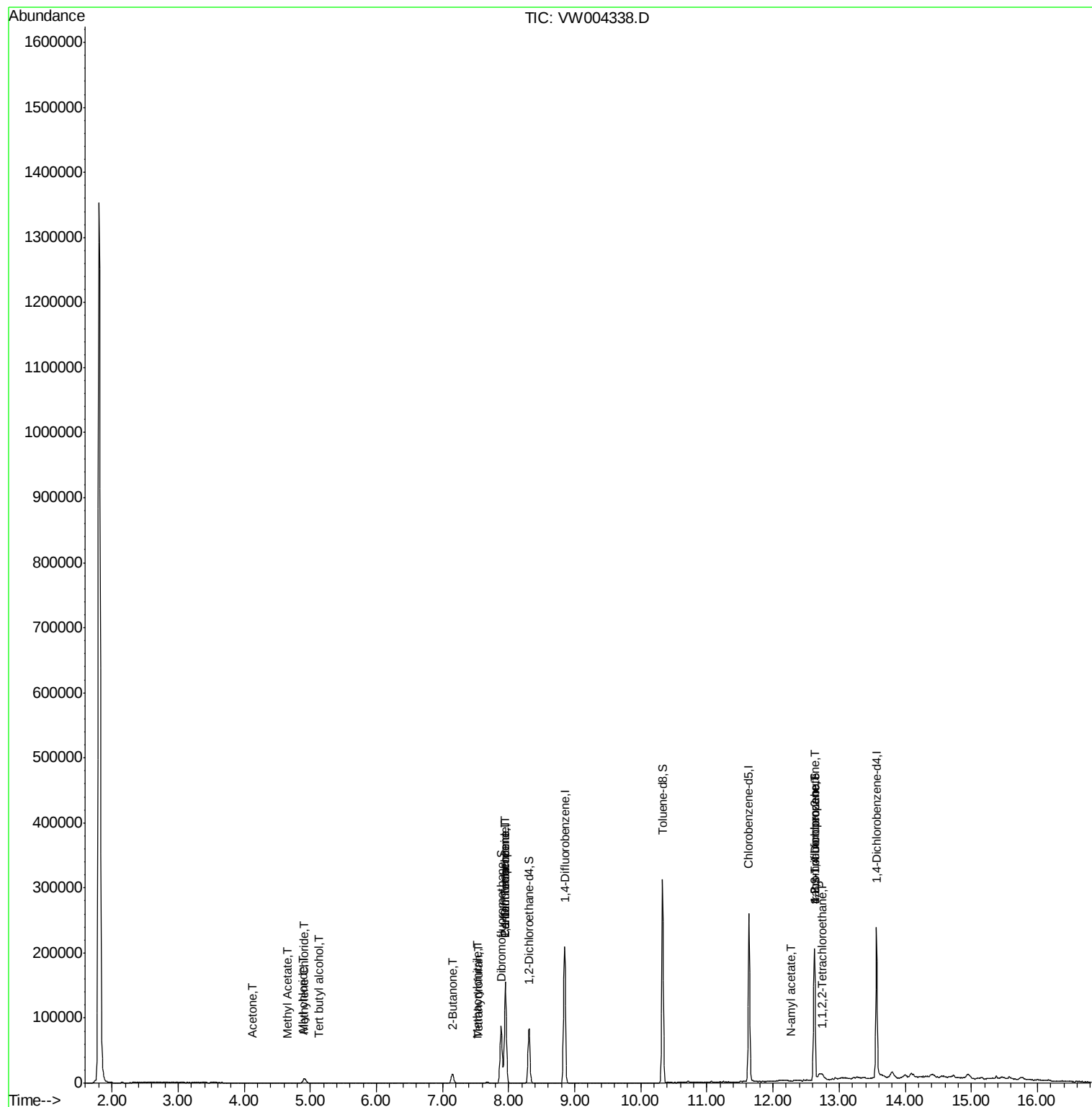
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.47	50	29	Below Cal	#	44
5) Bromomethane	2.68	94	23	Below Cal	#	4
11) Tert butyl alcohol	5.13	59	507	1.996	ug/l #	72
14) Allyl chloride	4.89	41	28	1.524	ug/l #	25
16) Acetone	4.12	43	356	14.677	ug/l #	44
18) Methyl Acetate	4.67	43	418	1.465	ug/l #	54
20) Methylene Chloride	4.90	84	6572	4.137	ug/l #	79
25) 2-Butanone	7.15	43	568	1.655	ug/l #	50
29) Tetrahydrofuran	7.53	42	52	2.877	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	8121	4.336	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11396	6.162	ug/l #	15
41) Methacrylonitrile	7.53	41	48	2.189	ug/l #	26
74) N-amyl acetate	12.27	43	188	2.042	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.74	83	1582	2.010	ug/l #	35
76) 1,2,3-Trichloropropane	12.62	75	32515	54.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32515	127.927	ug/l #	11

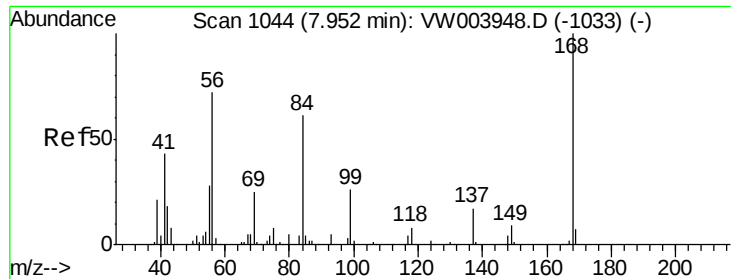
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004338.D

Acq: 30 Jul 2018 03:43

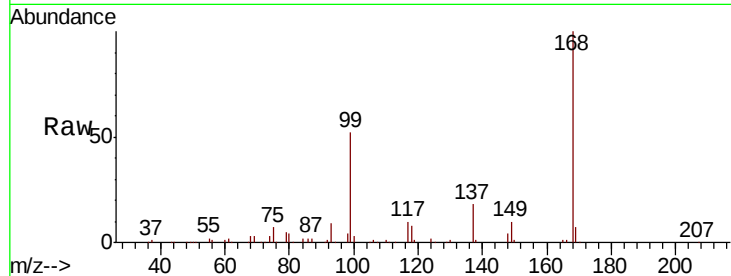
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 122473

Ion Ratio Lower Upper

168 100

99 51.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

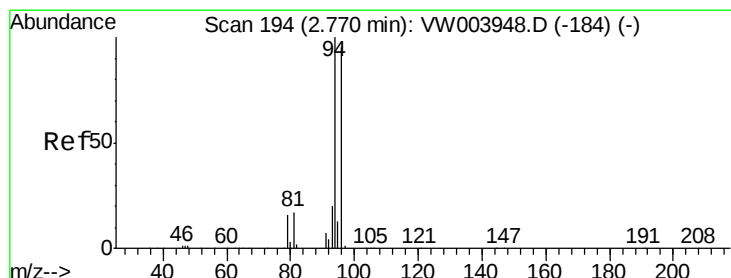
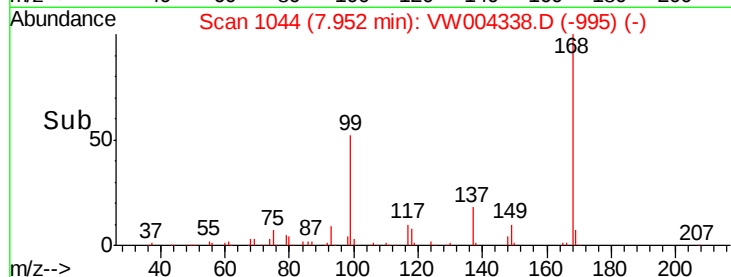
20000

10000

0

Time-->

7.90 8.00



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 180

Delta R.T. -0.09 min

Lab File: VW004338.D

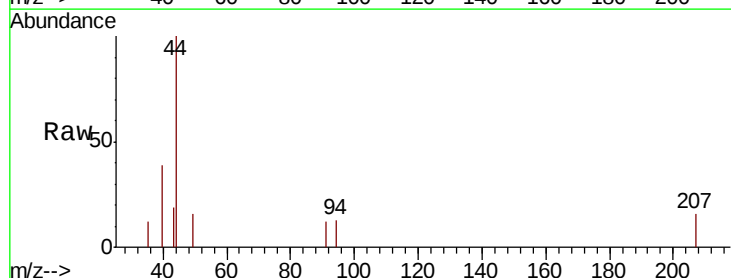
Acq: 30 Jul 2018 03:43

Tgt Ion: 94 Resp: 23

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.68

60

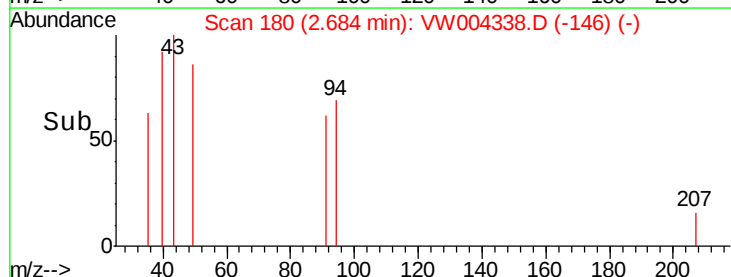
40

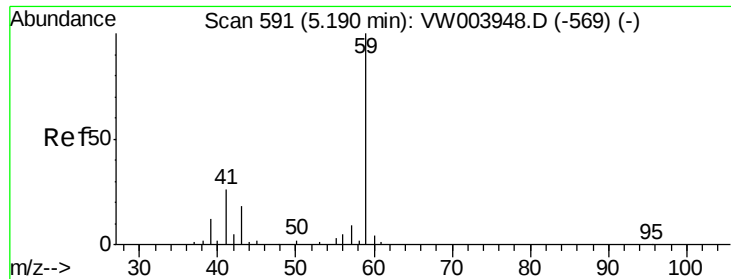
20

0

Time-->

2.67 2.68 2.69 2.70

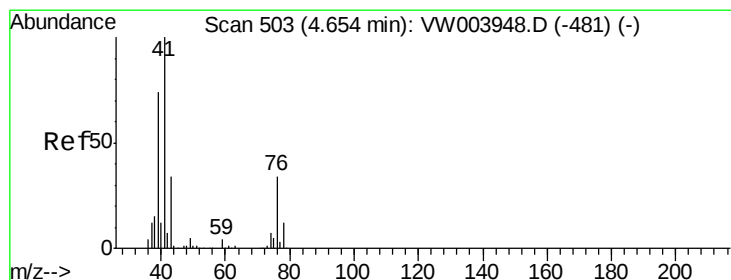
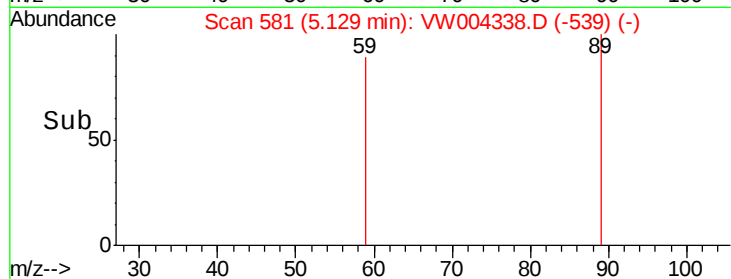
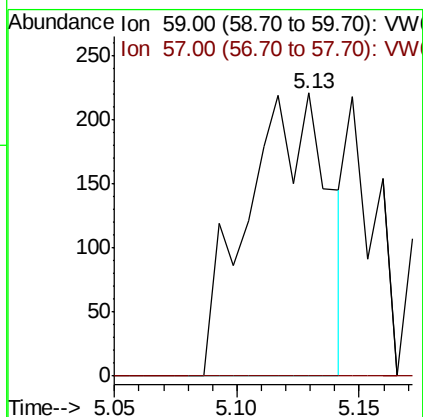
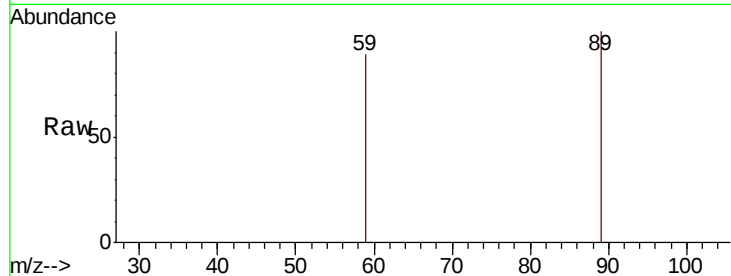




#11
Tert butyl alcohol
Concen: 1.996 ug/l
RT: 5.13 min Scan# 581
Delta R.T. -0.04 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

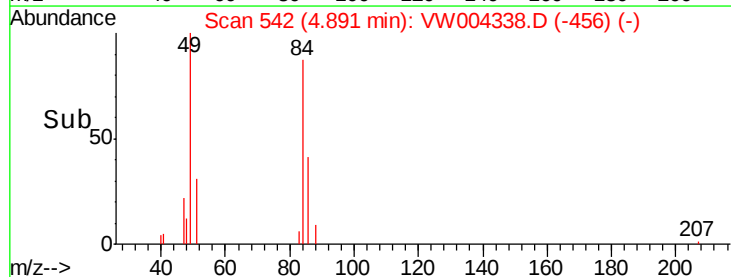
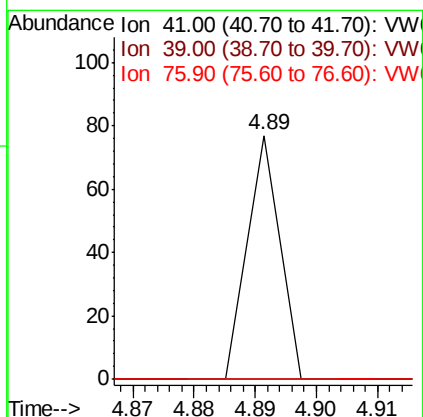
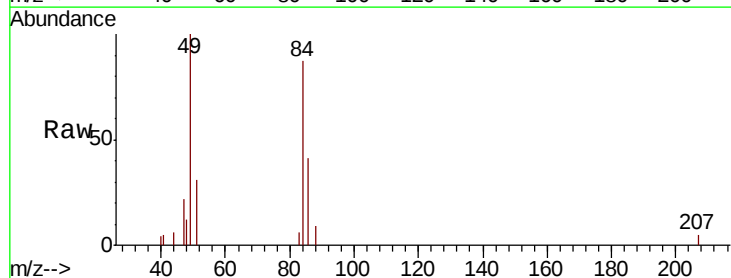
Instrument :
MSVOA_W
ClientSampled :

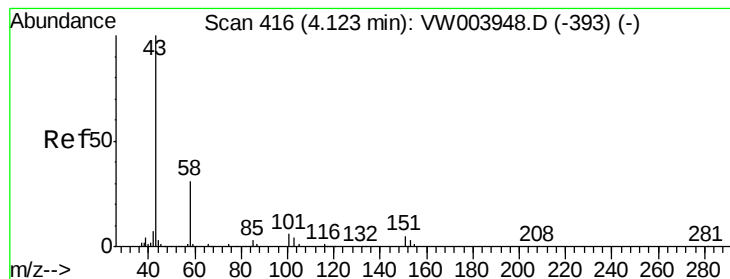
Tot Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#14
Allyl chloride
Concen: 1.524 ug/l
RT: 4.89 min Scan# 542
Delta R.T. 0.23 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 41 Resp: 28
Ion Ratio Lower Upper
41 100
39 0.0 52.3 78.5#
76 0.0 27.3 40.9#





#16

Acetone

Concen: 14.677 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004338.D

Acq: 30 Jul 2018 03:43

Instrument :

MSVOA_W

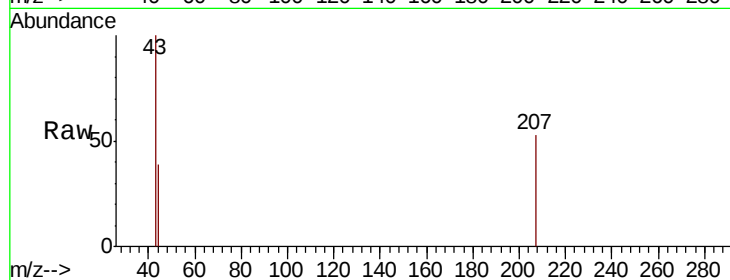
ClientSampled :

Tot Ion: 43 Resp: 356

Ion Ratio Lower Upper

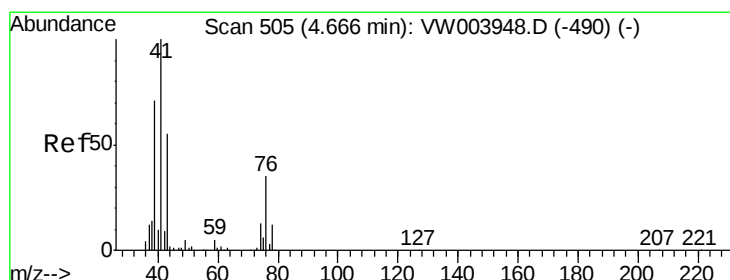
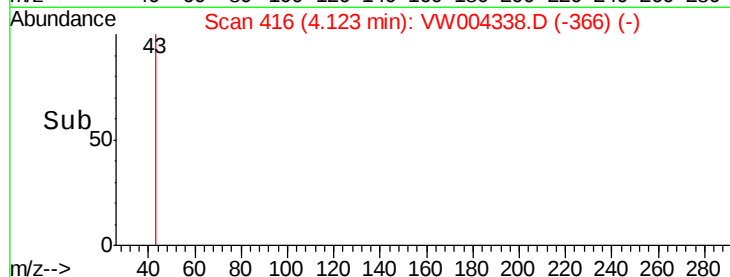
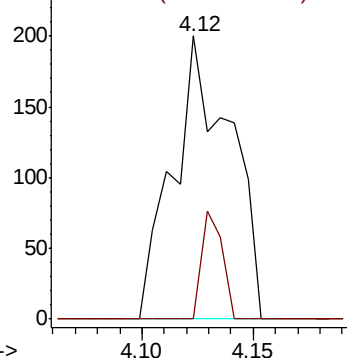
43 100

58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.465 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW004338.D

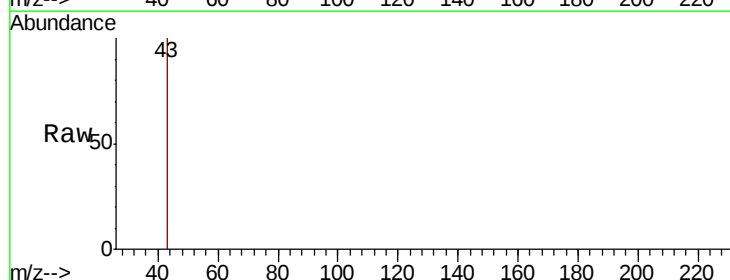
Acq: 30 Jul 2018 03:43

Tgt Ion: 43 Resp: 418

Ion Ratio Lower Upper

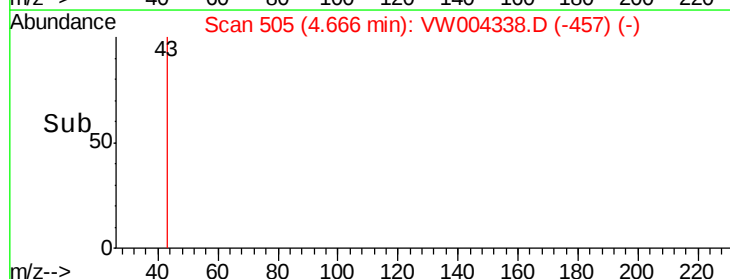
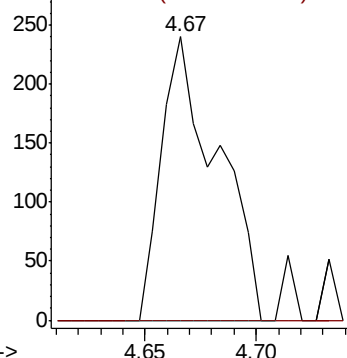
43 100

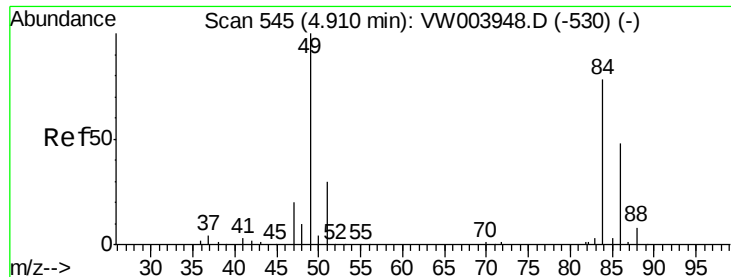
74 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

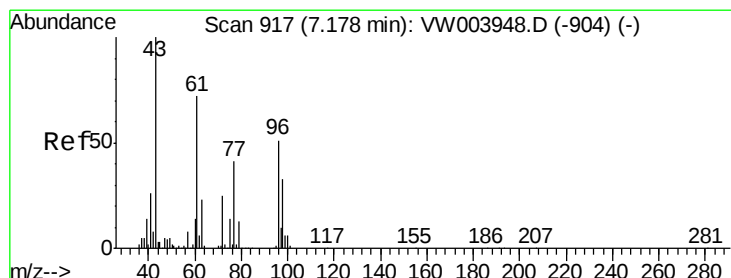
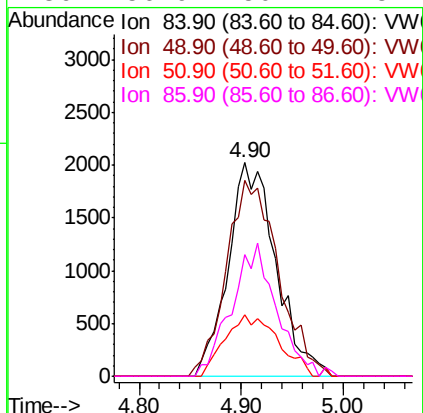
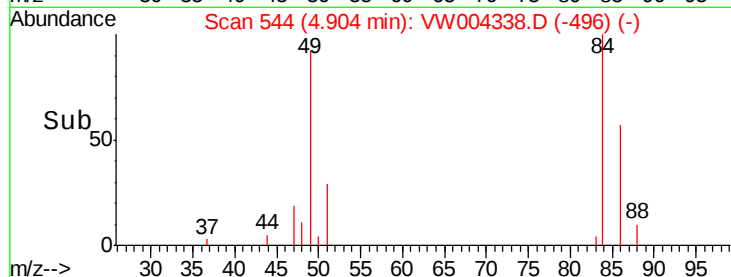
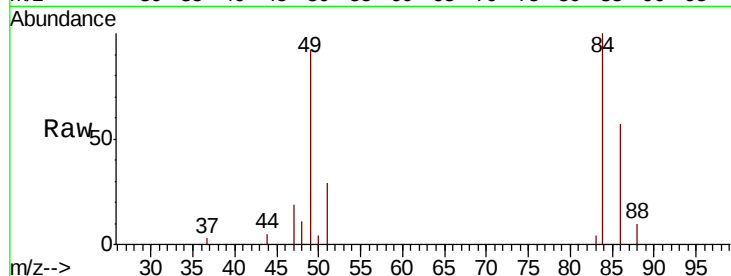




#20
Methvlene Chloride
Concen: 4.137 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

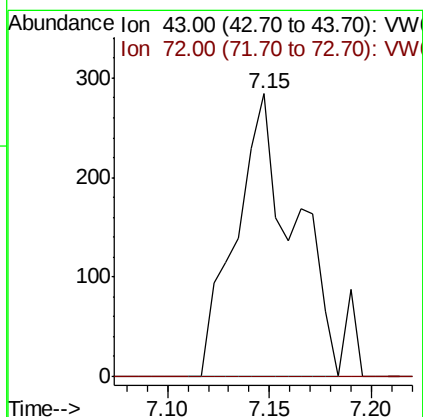
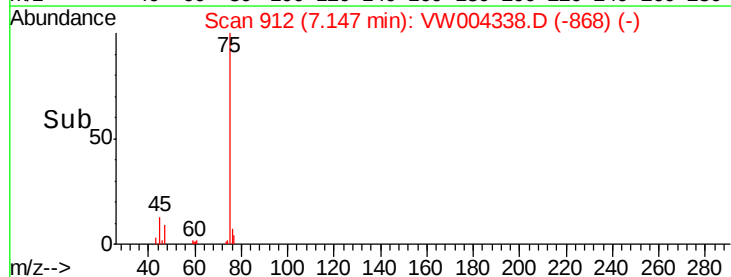
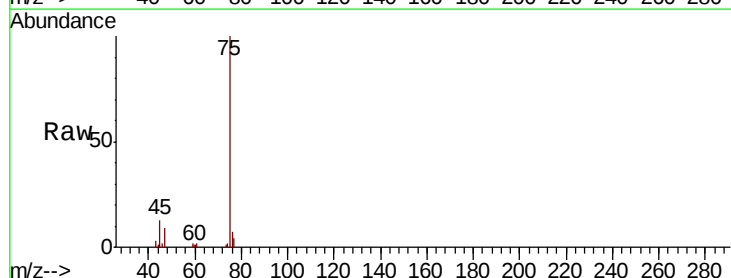
Instrument :
MSVOA_W
ClientSampled :

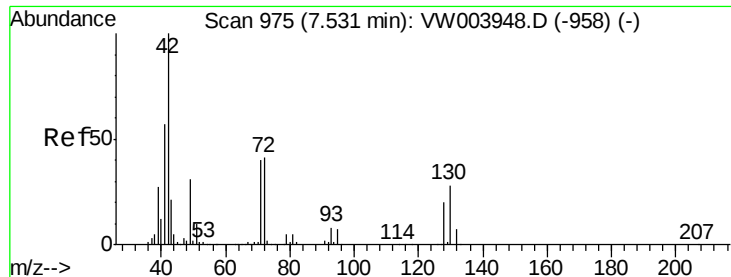
Tot Ion: 84 Resp: 6572
Ion Ratio Lower Upper
84 100
49 91.9 100.5 150.7#
51 29.0 30.9 46.3#
86 56.9 50.2 75.4



#25
2-Butanone
Concen: 1.655 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

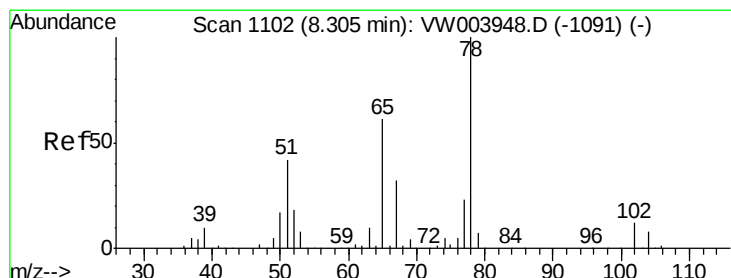
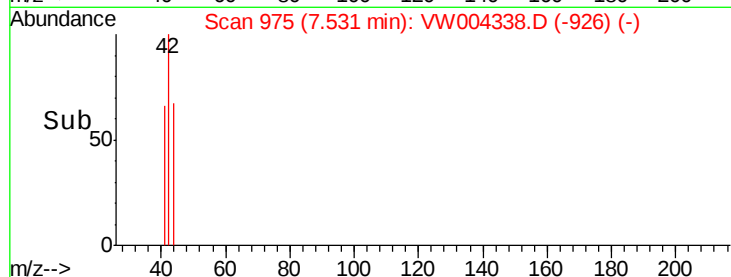
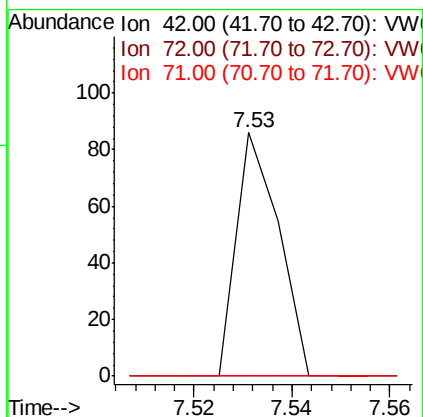
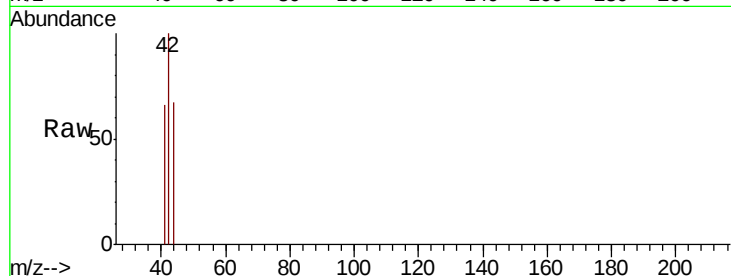




#29
Tetrahydrofuran
Concen: 2.877 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

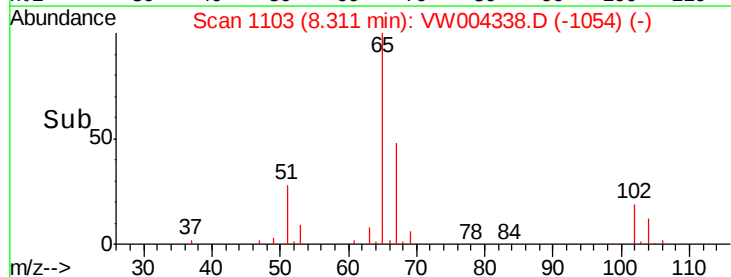
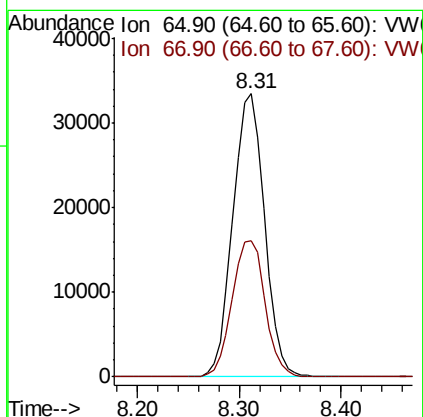
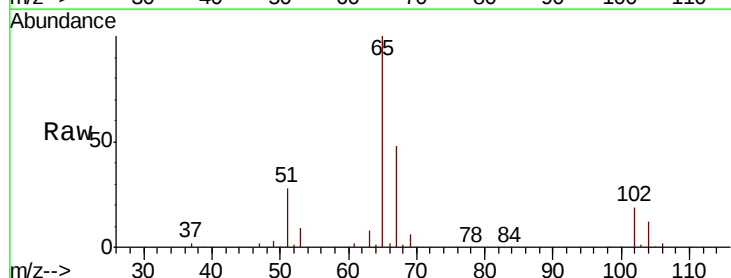
Instrument :
MSVOA_W
ClientSampled :

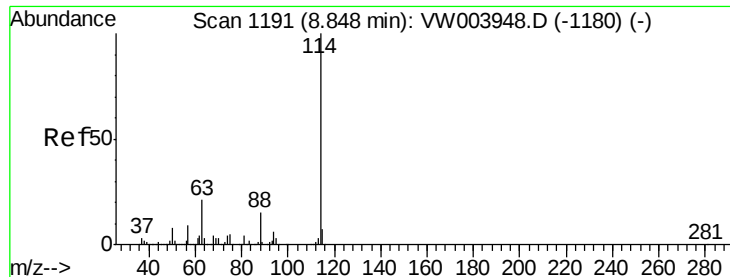
Tot Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 0.0 31.3 46.9#



#33
1,2-Dichloroethane-d4
Concen: 58.247 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 65 Resp: 71959
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.4

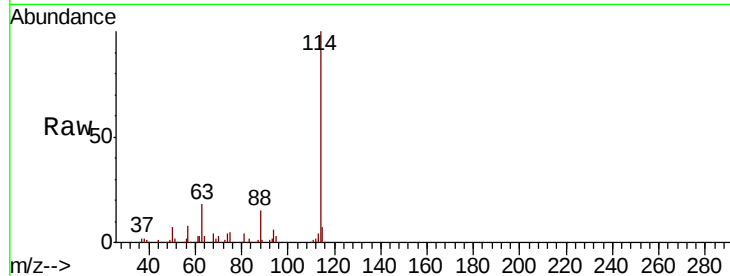




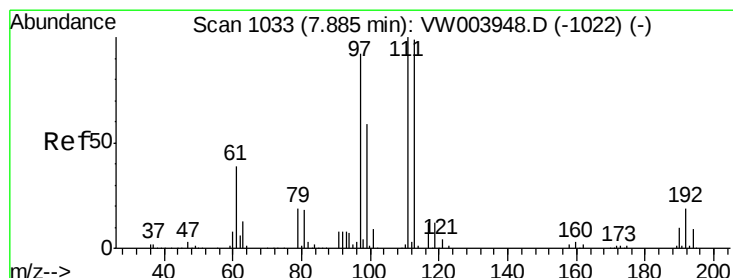
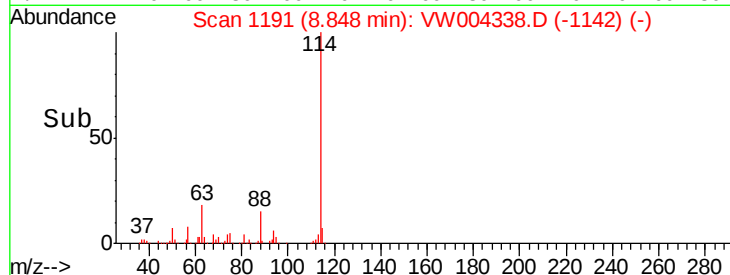
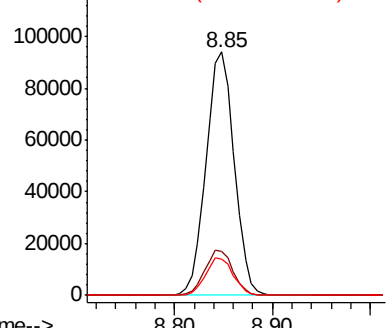
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 187206
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.4
88 15.0 0.0 30.6

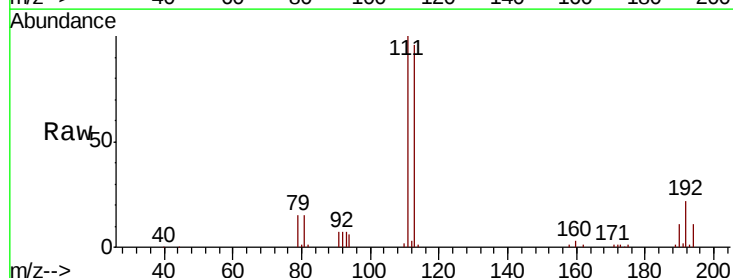


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

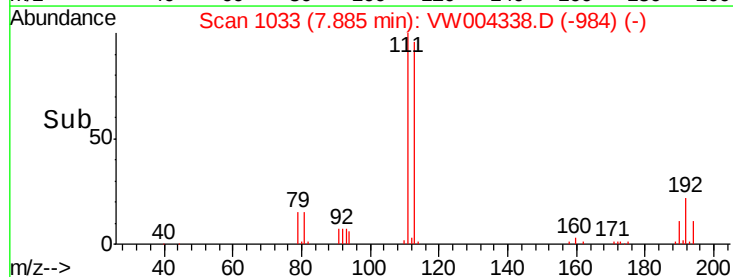
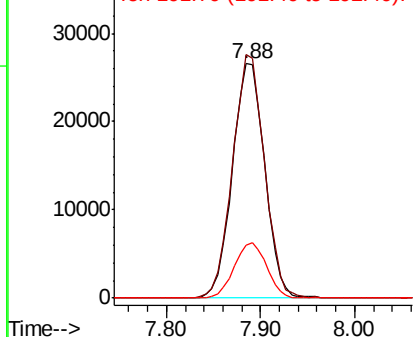


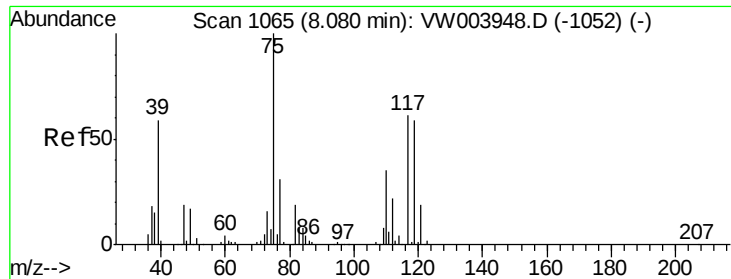
#35
Dibromofluoromethane
Concen: 53.565 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion:113 Resp: 63371
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 23.5 16.2 24.4



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

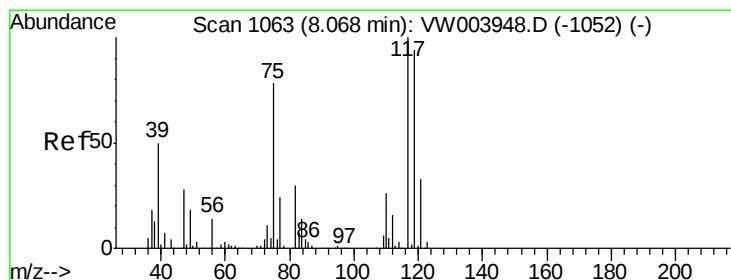
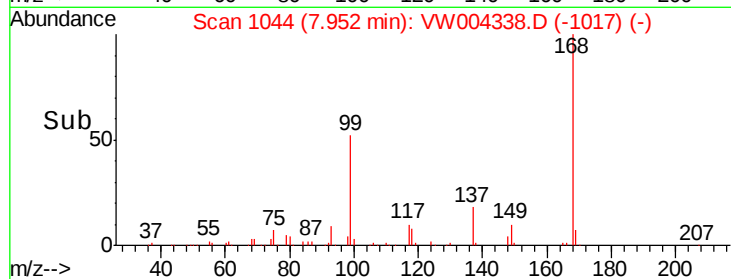
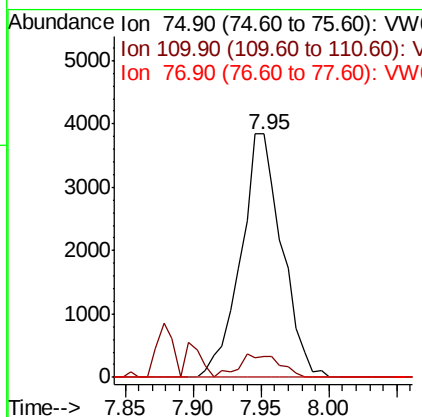
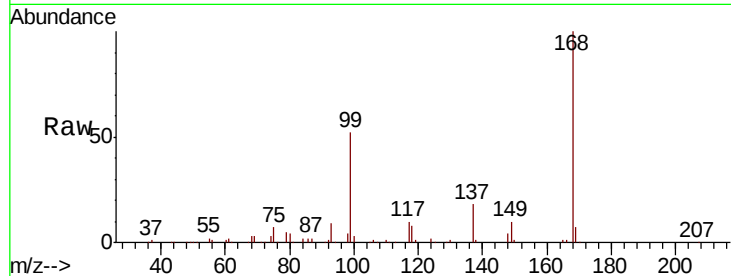




#36
 1,1-Dichloropropene
 Concen: 4.336 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004338.D
 Acq: 30 Jul 2018 03:43

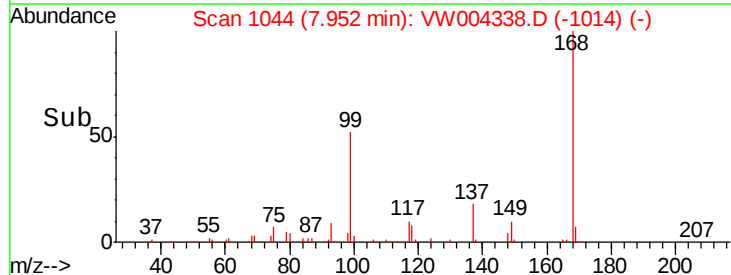
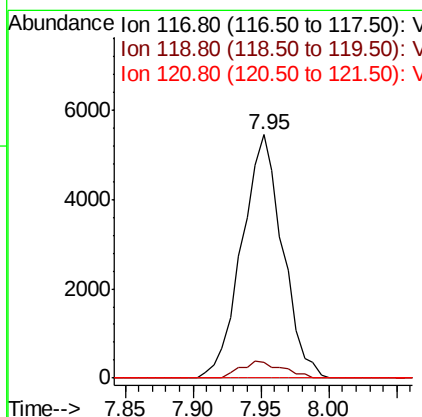
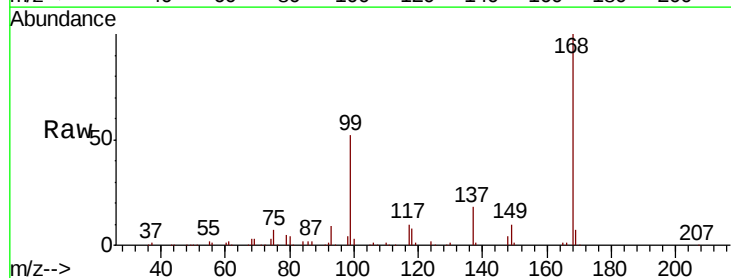
Instrument :
 MSVOA_W
 ClientSampled :

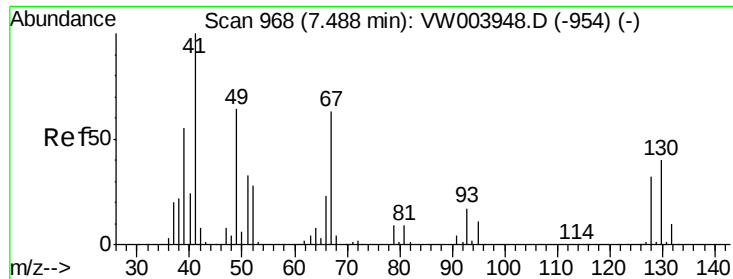
Tot Ion	75	Resp	8121
Ion Ratio	Lower	Upper	
75	100		
110	9.5	17.3	52.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.162 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004338.D
 Acq: 30 Jul 2018 03:43

Tgt Ion	117	Resp	11396
Ion Ratio	Lower	Upper	
117	100		
119	6.3	79.7	119.5#
121	0.0	25.7	38.5#

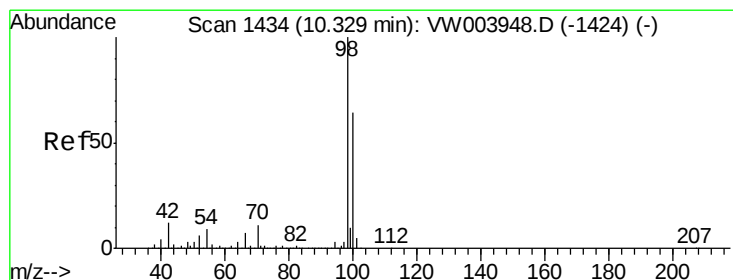
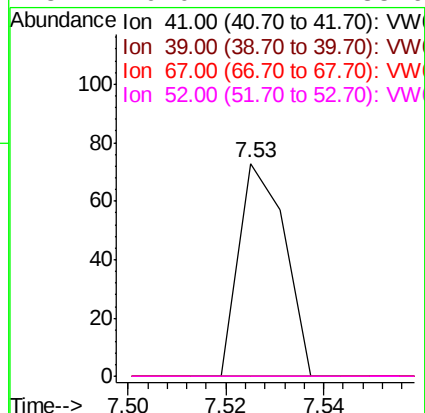
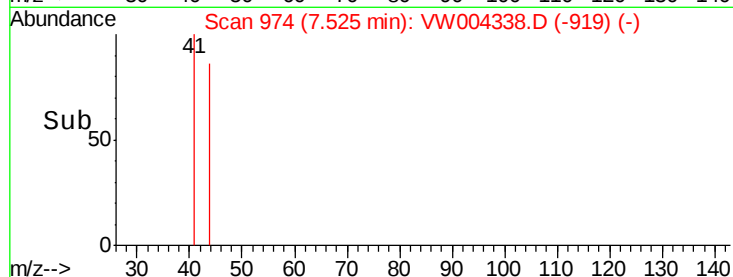
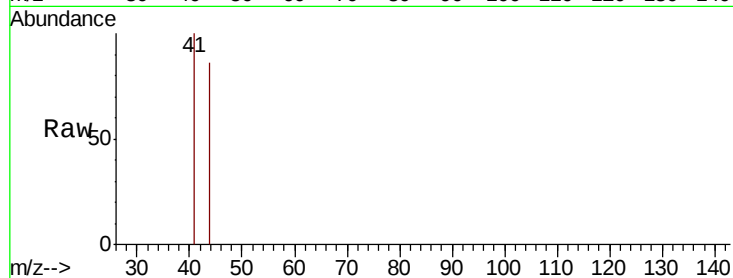




#41
Methacrylonitrile
Concen: 2.189 ug/l
RT: 7.53 min Scan# 974
Delta R.T. 0.04 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

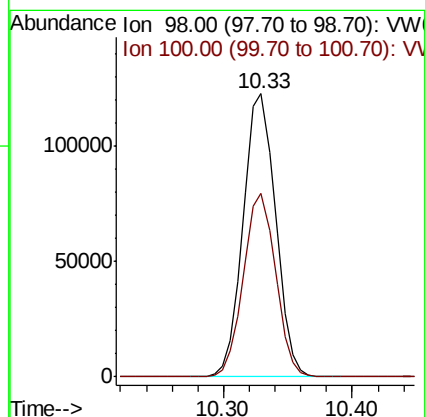
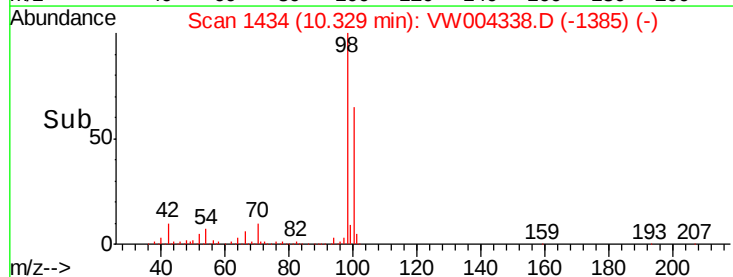
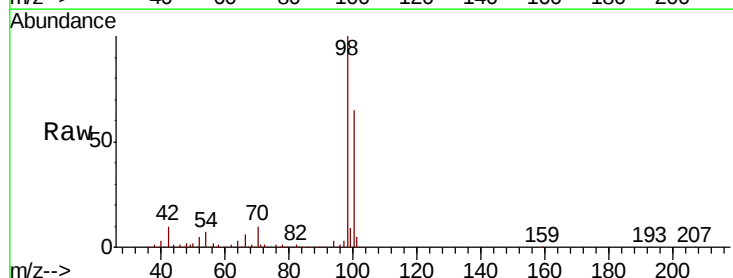
Instrument :
MSVOA_W
ClientSampled :

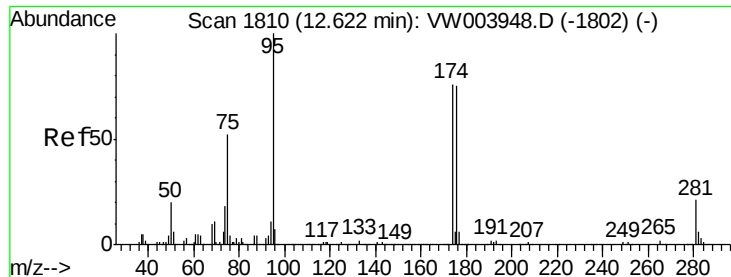
Tot Ion: 41 Resp: 48
Ion Ratio Lower Upper
41 100
39 0.0 41.2 61.8#
67 0.0 53.4 80.0#
52 0.0 22.4 33.6#



#50
Toluene-d8
Concen: 45.753 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 98 Resp: 213921
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

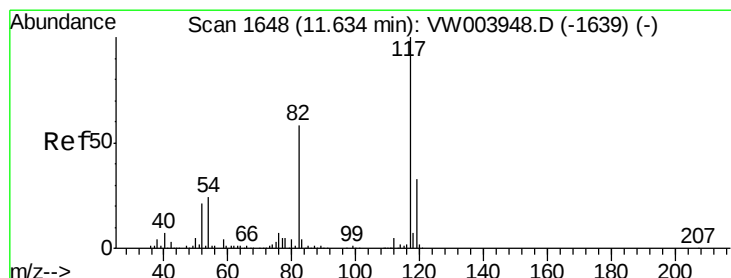
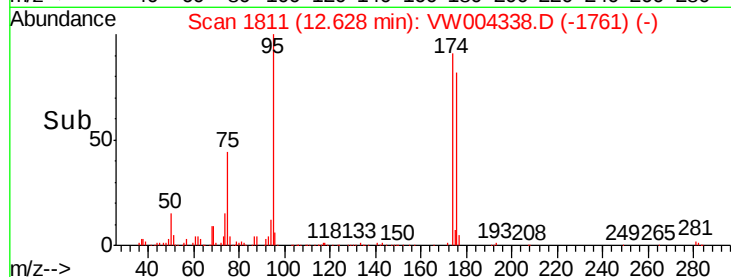
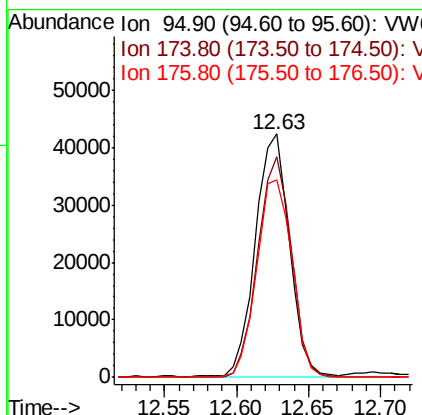
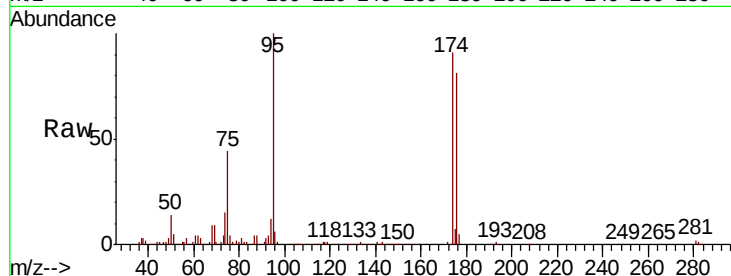




#62
4-Bromofluorobenzene
Concen: 41.777 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

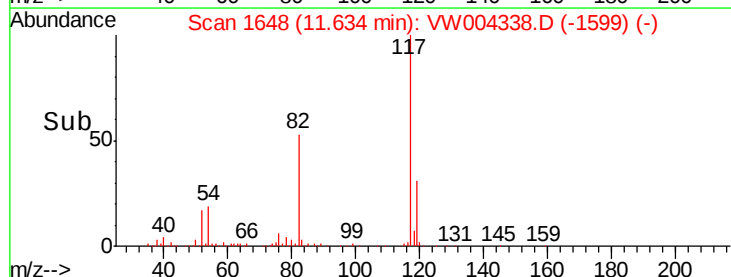
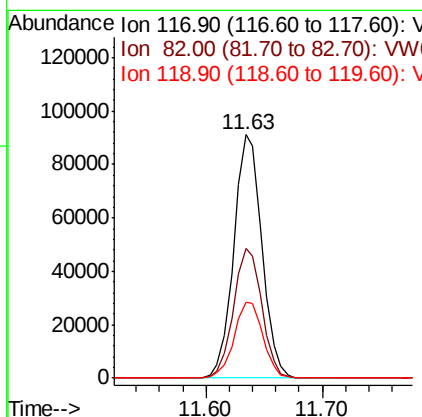
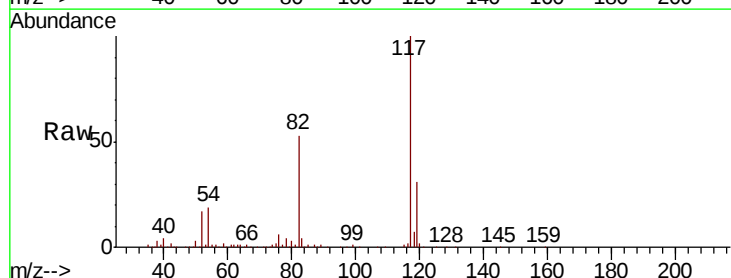
Instrument :
MSVOA_W
ClientSampled :

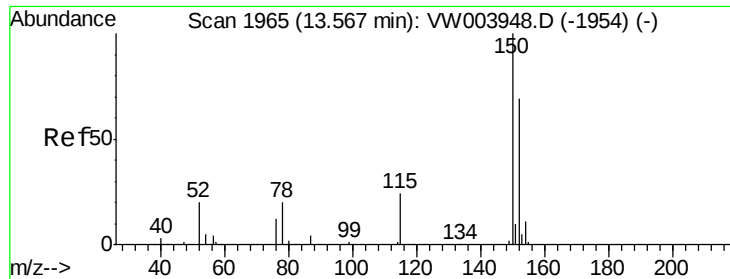
Tot Ion: 95 Resp: 68776
Ion Ratio Lower Upper
95 100
174 89.8 0.0 167.8
176 84.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 117 Resp: 153312
Ion Ratio Lower Upper
117 100
82 53.2 47.9 71.9
119 31.0 27.1 40.7



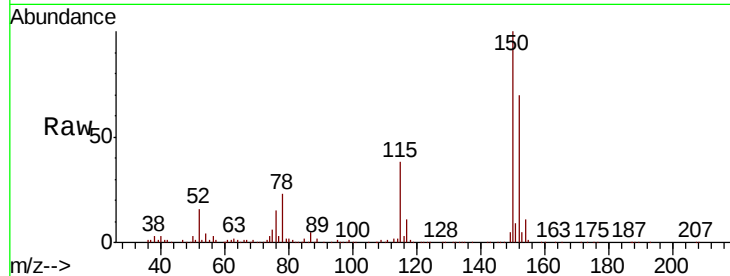


#72

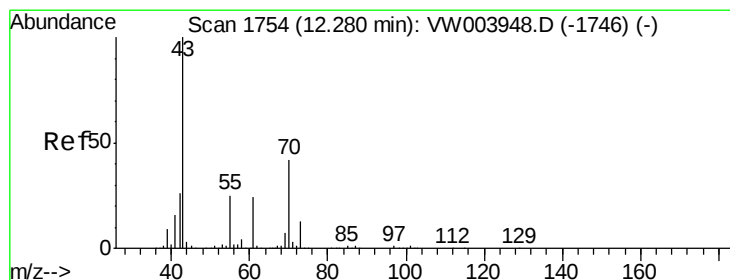
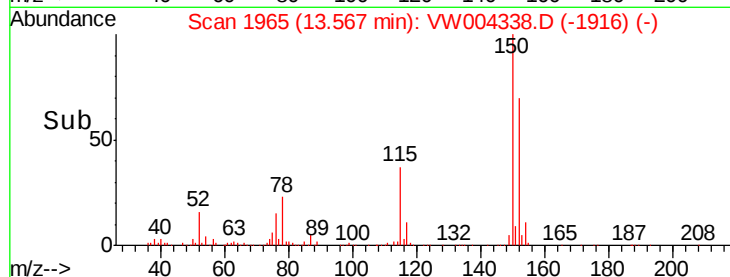
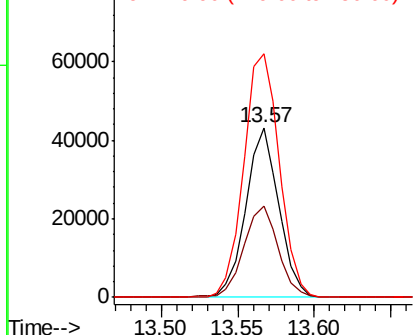
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 64802
Ion Ratio Lower Upper
152 100
115 55.2 28.8 86.4
150 154.8 0.0 346.4



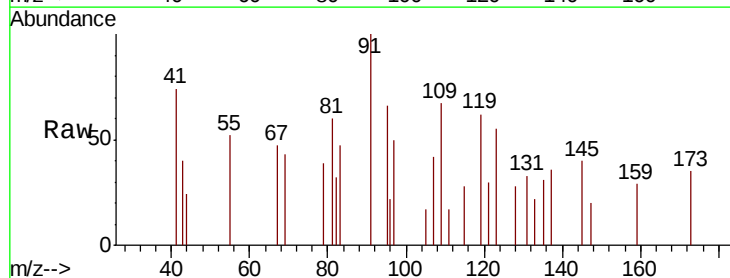
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



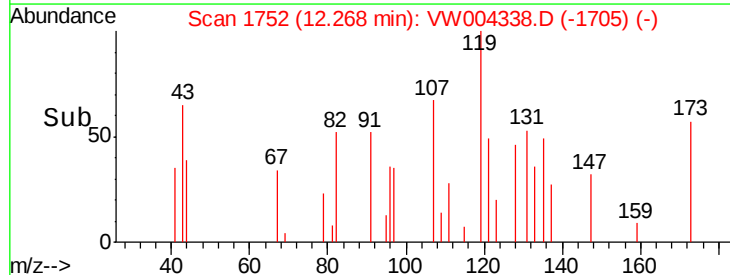
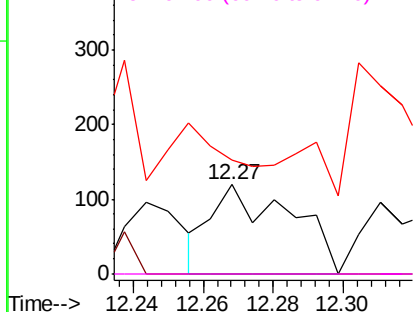
#74

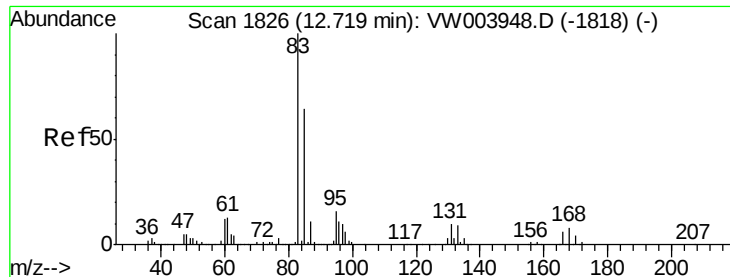
N-ethyl acetate
Concen: 2.042 ug/l
RT: 12.27 min Scan# 1752
Delta R.T. -0.01 min
Lab File: VW004338.D
Acq: 30 Jul 2018 03:43

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
70 0.0 34.2 51.4#
55 18.6 21.8 32.8#
61 0.0 18.9 28.3#



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: 2.010 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VW004338.D

Acq: 30 Jul 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

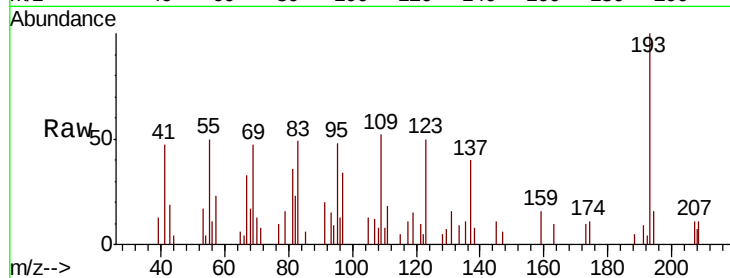
Tot Ion: 83 Resp: 1582

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

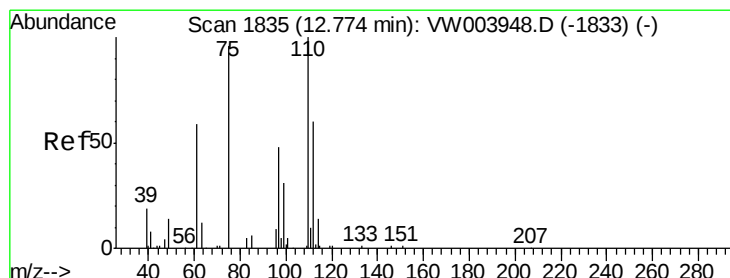
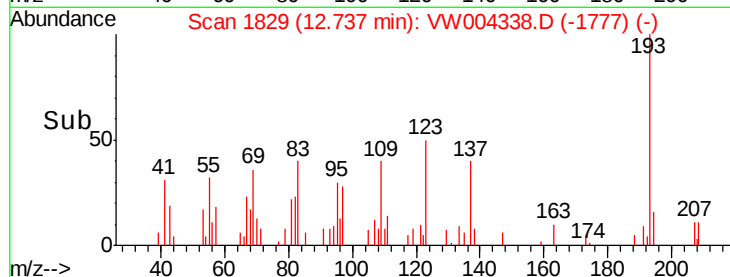
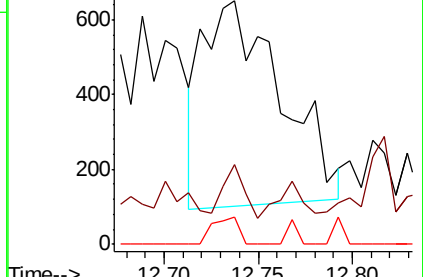
85 4.5 31.9 95.9#



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: 54.978 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004338.D

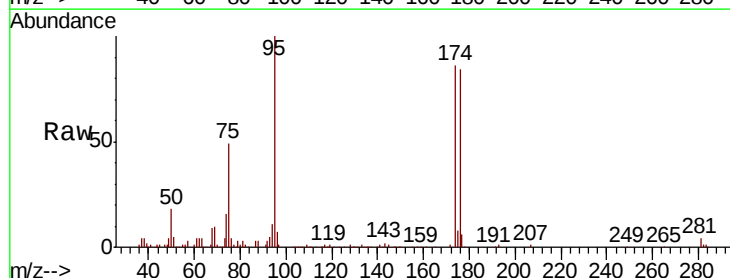
Acq: 30 Jul 2018 03:43

Tgt Ion: 75 Resp: 32515

Ion Ratio Lower Upper

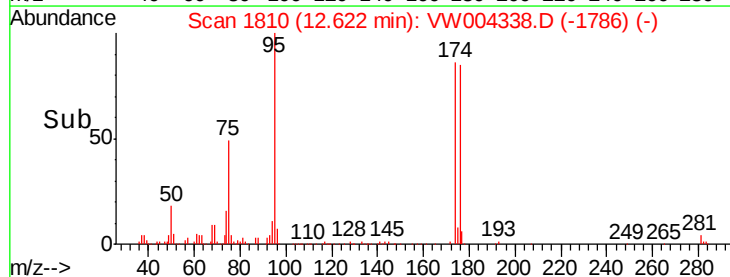
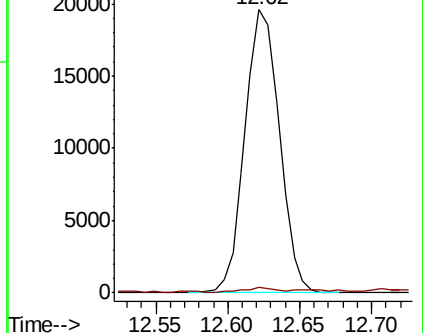
75 100

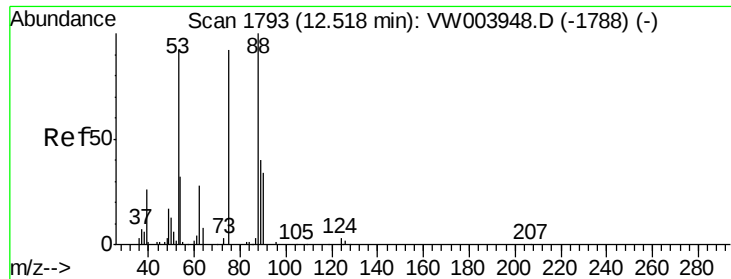
77 1.8 0.0 0.0#



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: 127.927 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004338.D

Acq: 30 Jul 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 32515

Ion Ratio Lower Upper

75 100

53 0.3 77.6 116.4#

89 0.0 36.0 54.0#

