

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004141.D
 Acq On : 23 Jul 2018 16:55
 Operator : SY/AP
 Sample : J4070-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92058	39.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.74%	
35) Dibromofluoromethane	7.88	113	79752	34.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.82%	
50) Toluene-d8	10.33	98	246686	27.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.66%	
62) 4-Bromofluorobenzene	12.63	95	80078	25.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.10%	

Target Compounds

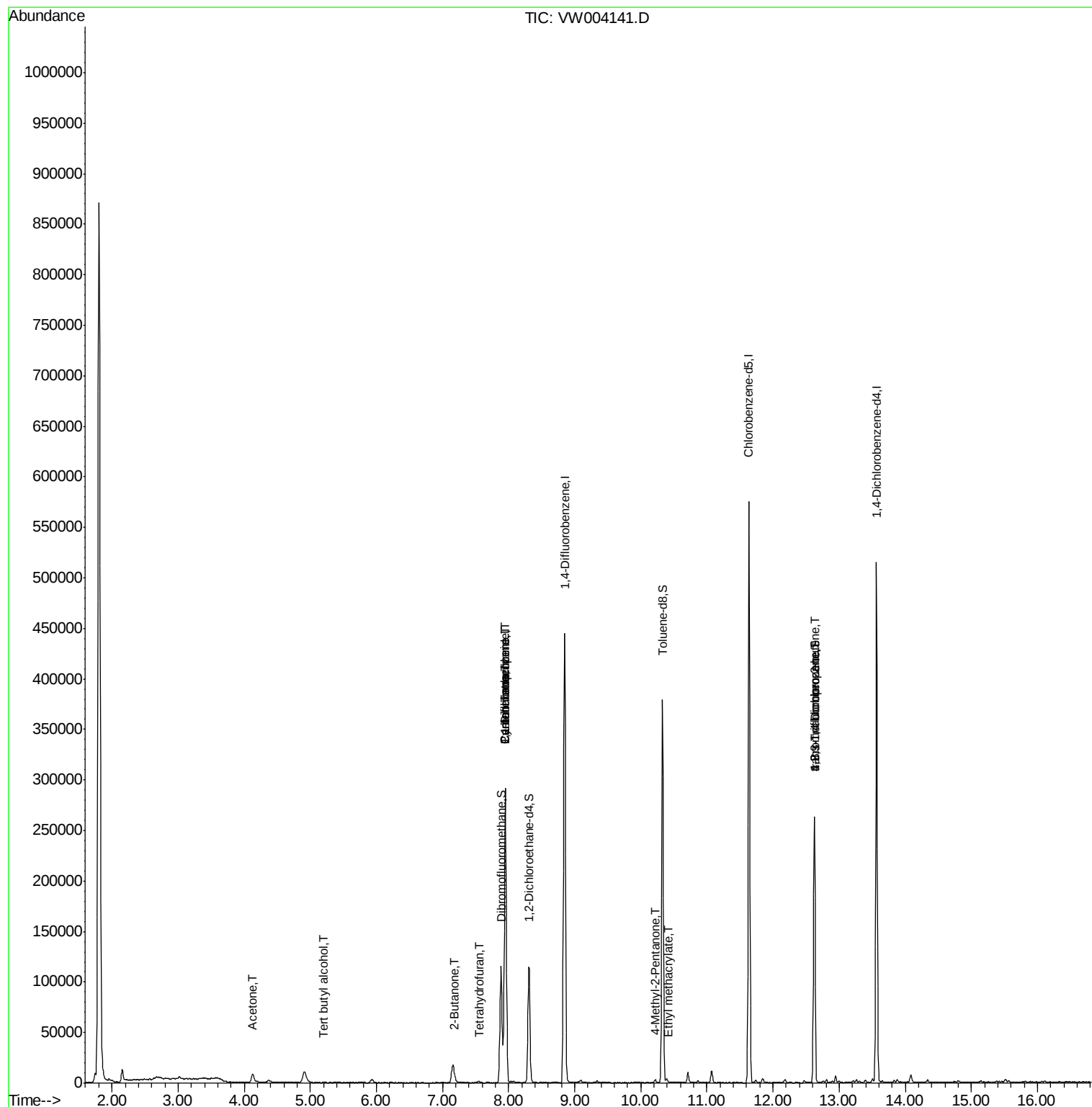
					Qvalue
11) Tert butyl alcohol	5.20	59	312	1.957 ug/l #	72
16) Acetone	4.13	43	14961	26.965 ug/l	100
20) Methylene Chloride	4.92	84	10146	Below Cal	88
25) 2-Butanone	7.19	43	5108	6.841 ug/l	91
29) Tetrahydrofuran	7.55	42	797	1.714 ug/l #	85
31) Cyclohexane	7.95	56	5454	1.424 ug/l #	3
36) 1,1-Dichloropropene	7.95	75	17381	4.745 ug/l #	49
38) Carbon Tetrachloride	7.95	117	20569	6.009 ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2104	1.195 ug/l	94
56) Ethyl methacrylate	10.42	69	44	2.961 ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	41206	31.712 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41206	70.147 ug/l #	11

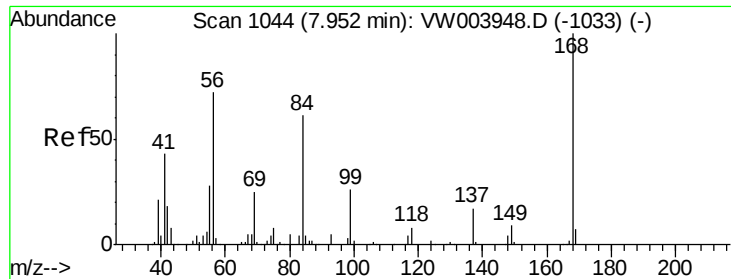
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004141.D

Acq: 23 Jul 2018 16:55

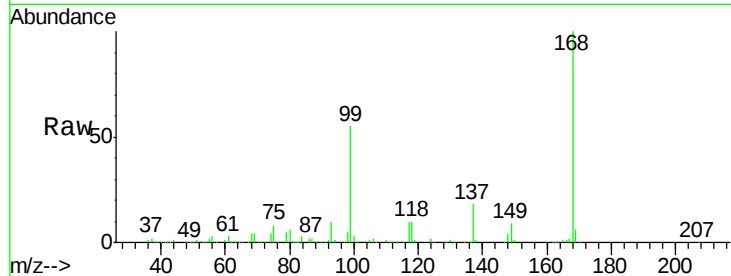
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 206556

Ion Ratio Lower Upper

168 100

99 55.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

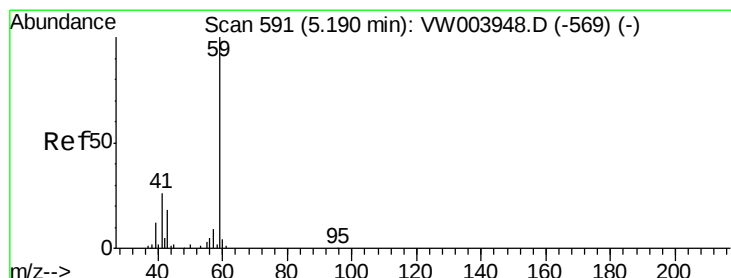
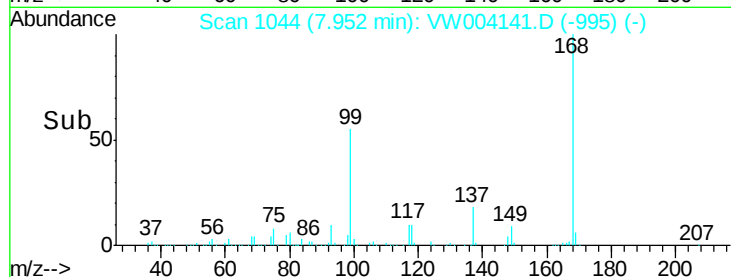
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.957 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW004141.D

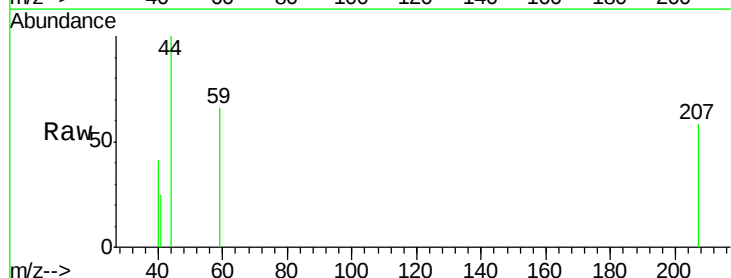
Acq: 23 Jul 2018 16:55

Tgt Ion: 59 Resp: 312

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

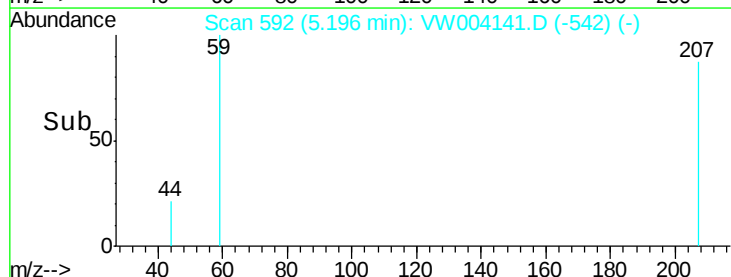
150

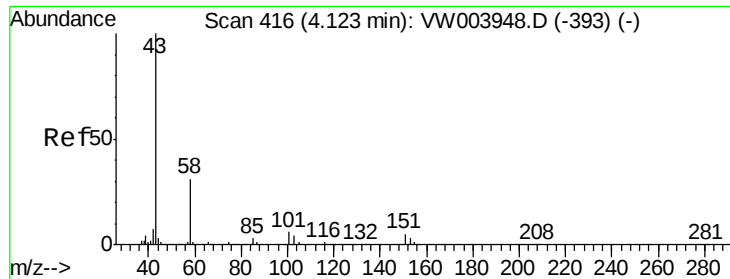
100

50

0

Time-->

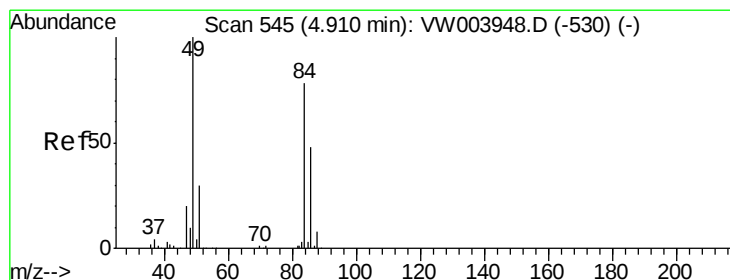
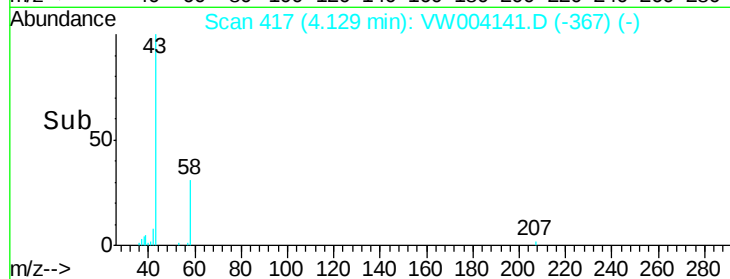
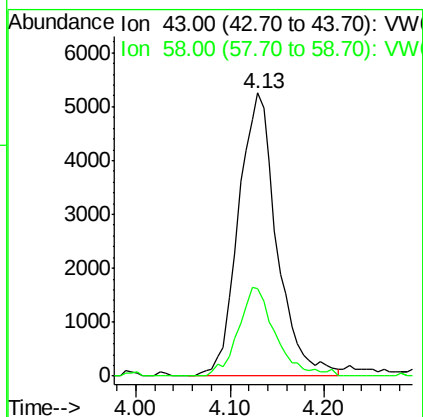
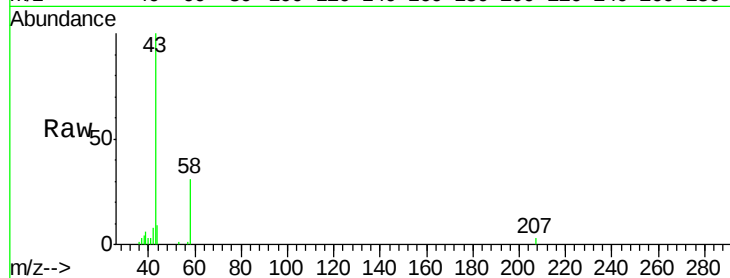




#16
Acetone
Concen: 26.965 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.01 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

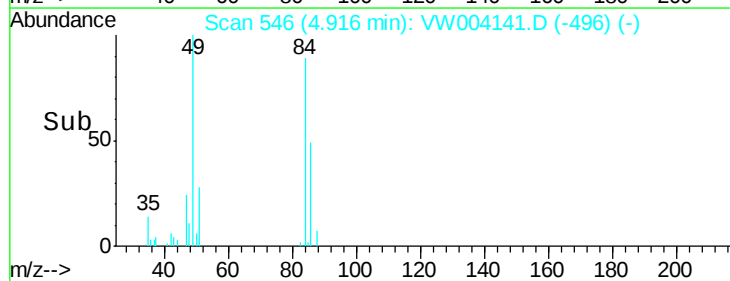
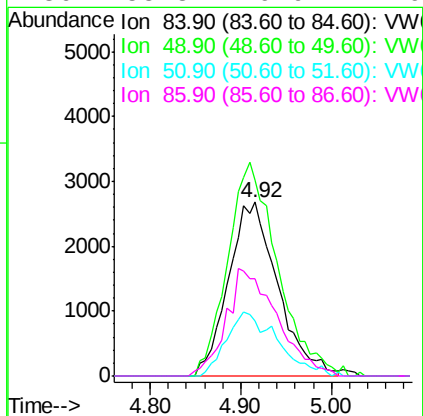
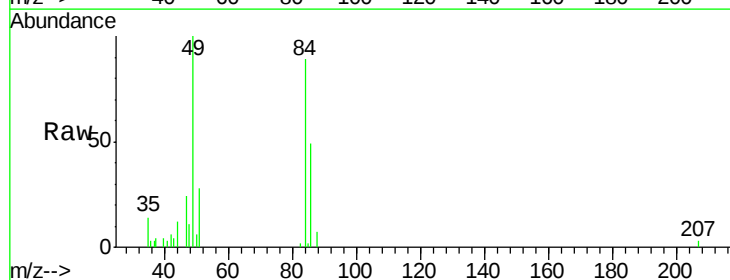
Instrument :
MSVOA_W
ClientSampleId :

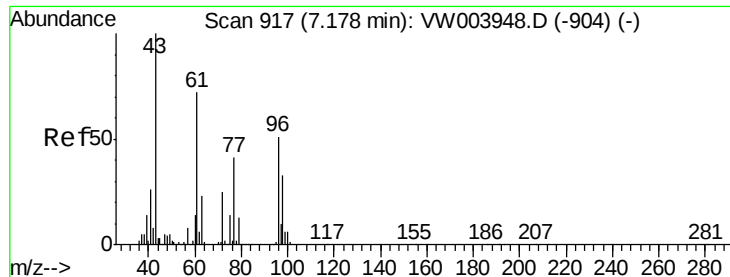
Tot Ion: 43 Resp: 14961
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion: 84 Resp: 10146
Ion Ratio Lower Upper
84 100
49 113.0 102.9 154.3
51 32.0 30.9 46.3
86 55.8 49.9 74.9

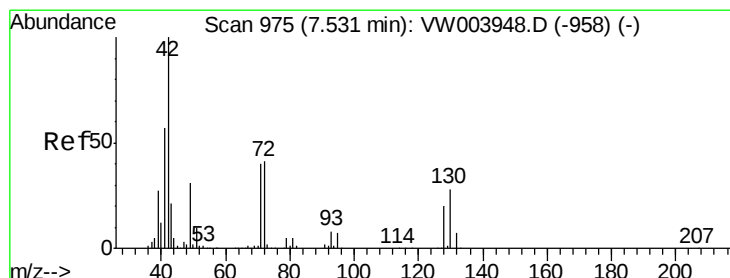
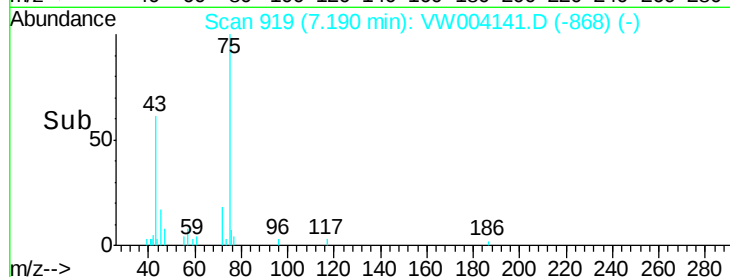
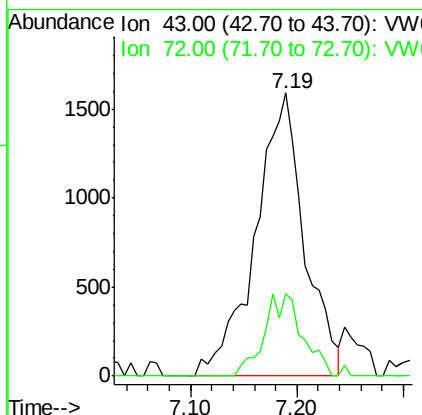
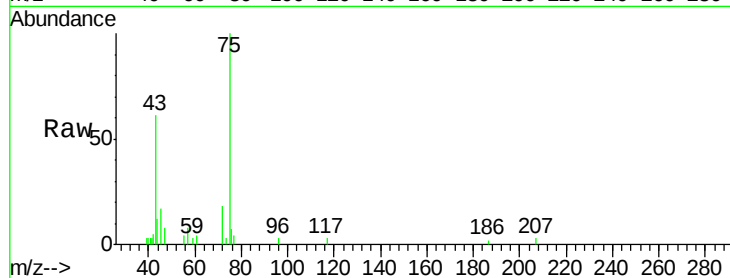




#25
2-Butanone
Concen: 6.841 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

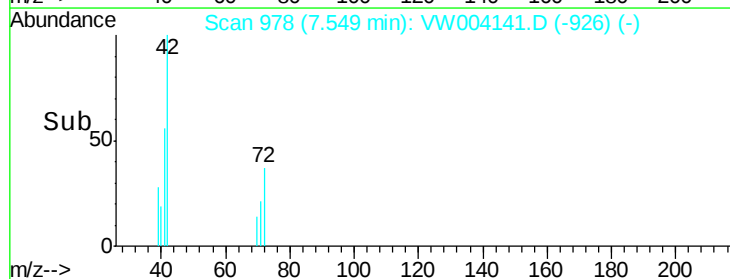
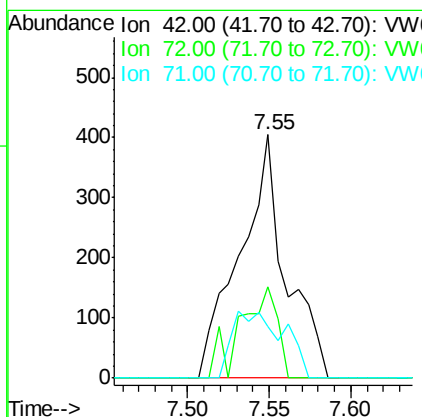
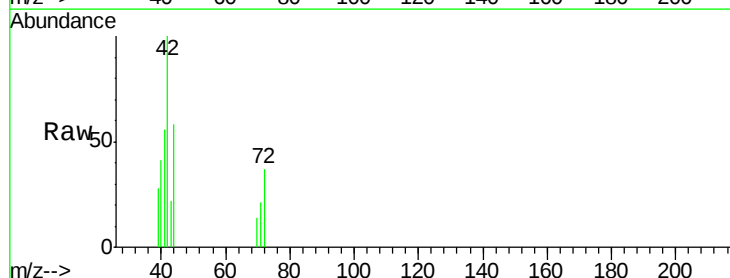
Instrument :
MSVOA_W
ClientSampled :

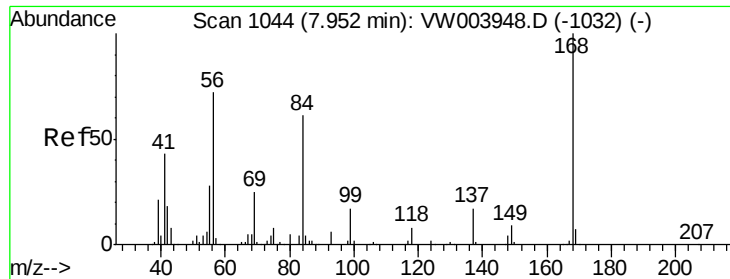
Tot Ion: 43 Resp: 5108
Ion Ratio Lower Upper
43 100
72 29.3 19.8 29.6



#29
Tetrahydrofuran
Concen: 1.714 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion: 42 Resp: 797
Ion Ratio Lower Upper
42 100
72 30.0 32.6 48.8#
71 30.2 30.5 45.7#

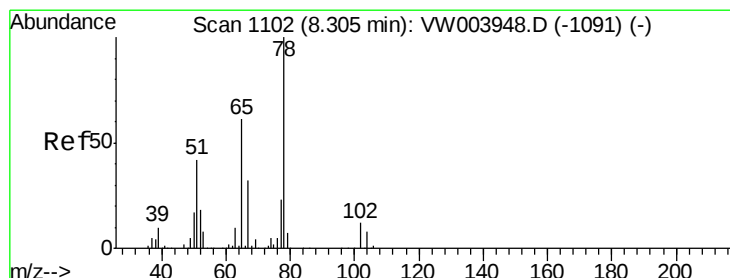
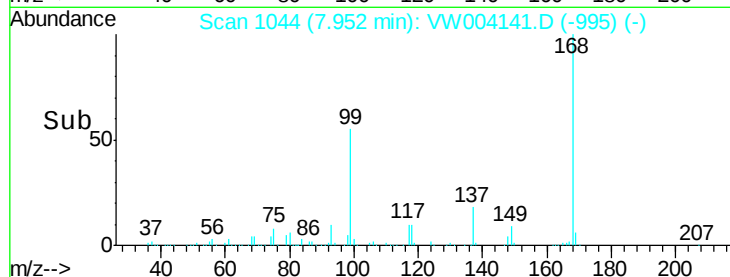
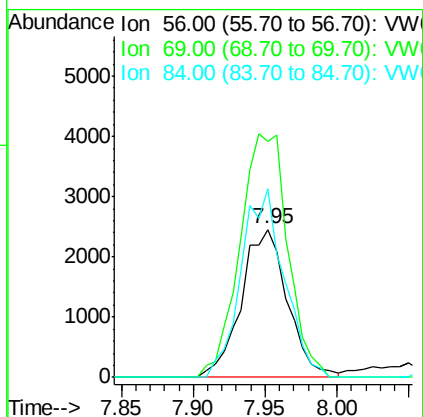
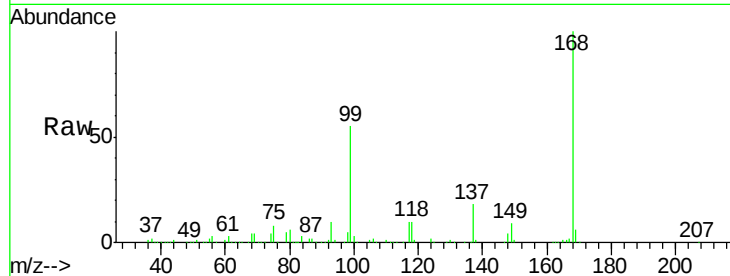




#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

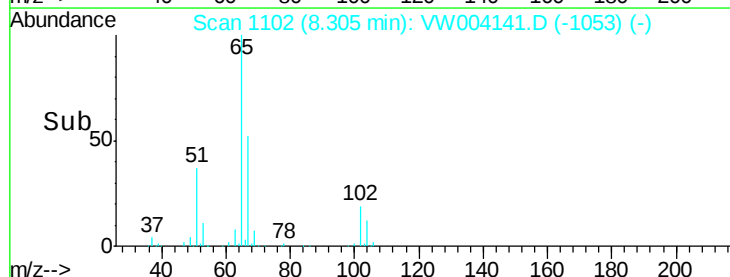
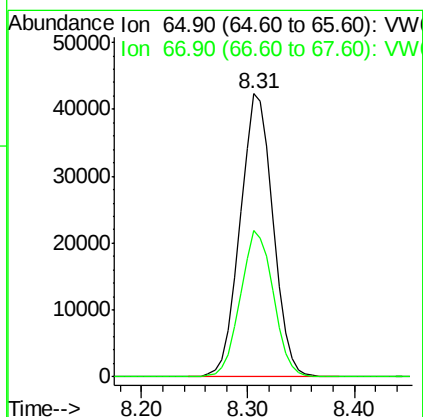
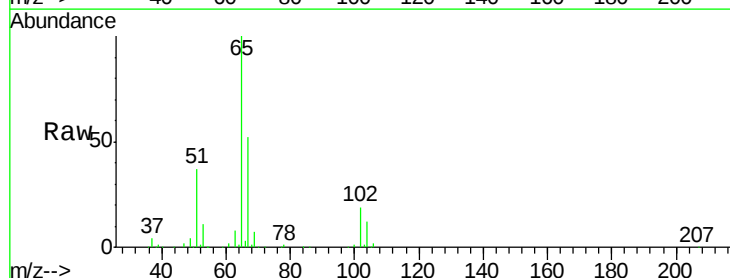
Instrument :
MSVOA_W
ClientSampled :

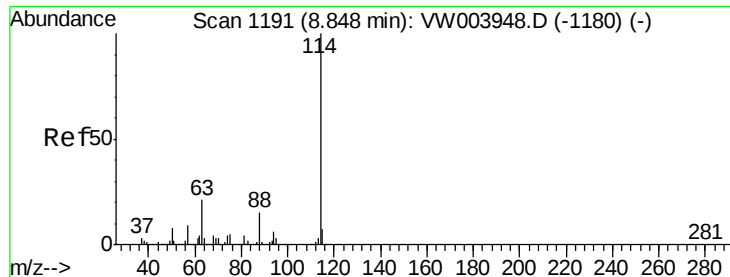
Tot Ion: 56 Resp: 5454
Ion Ratio Lower Upper
56 100
69 158.9 27.8 41.8#
84 127.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 39.871 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion: 65 Resp: 92058
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

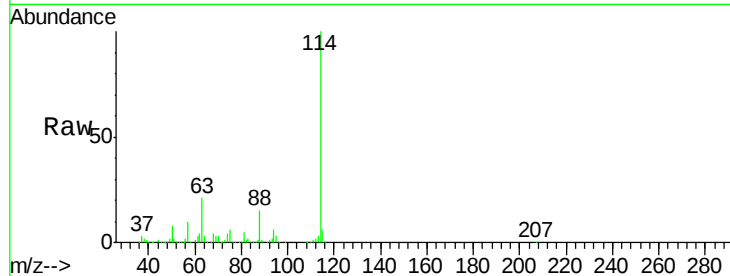




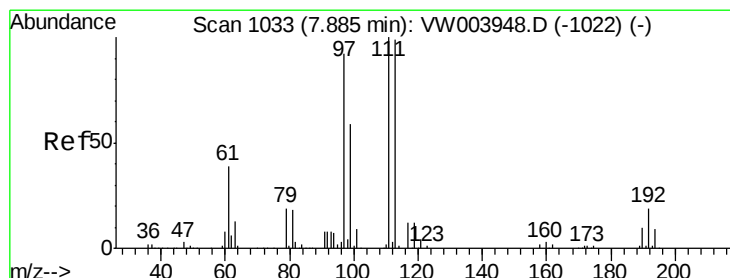
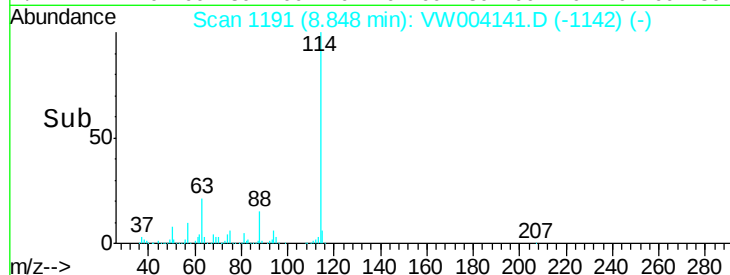
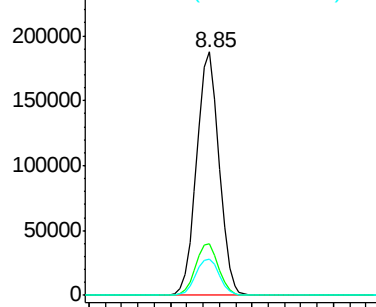
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	15.1	0.0	30.4

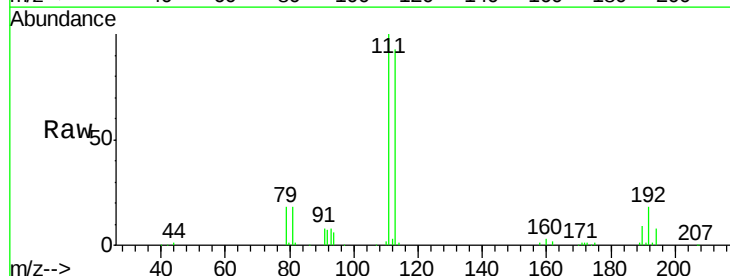


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

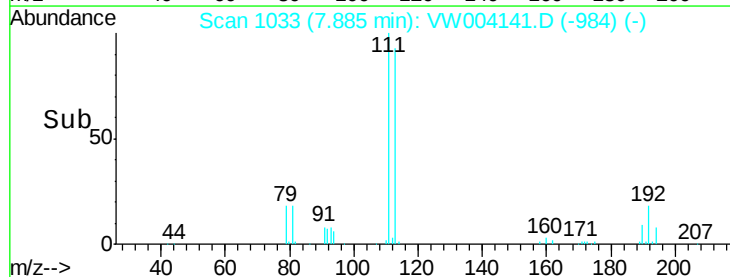
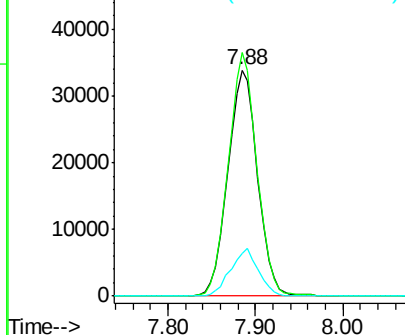


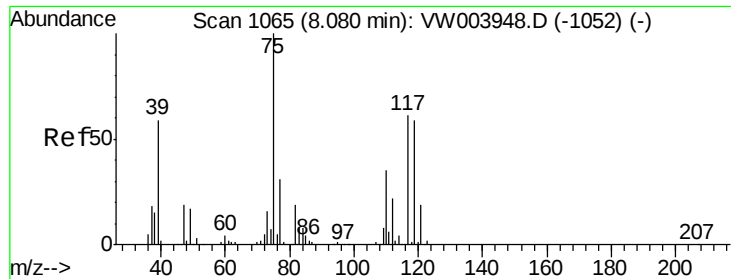
#35
Dibromofluoromethane
Concen: 34.911 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.3	121.9
192	20.0	15.8	23.6



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

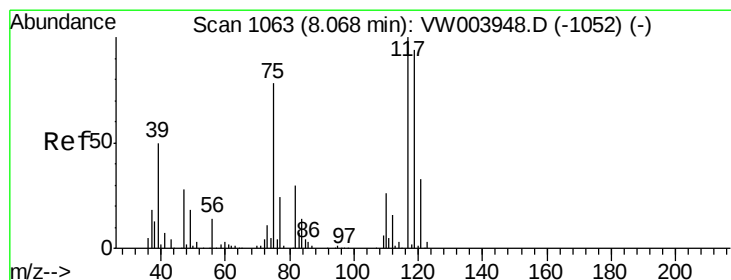
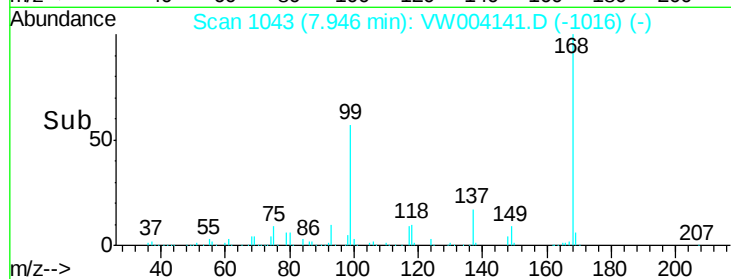
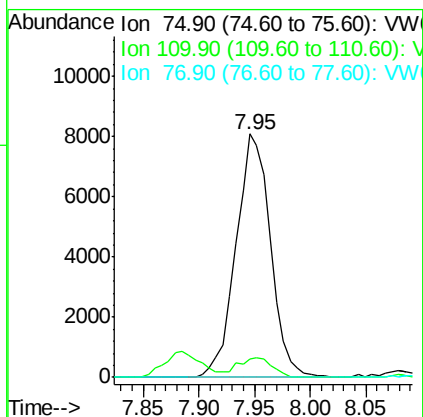
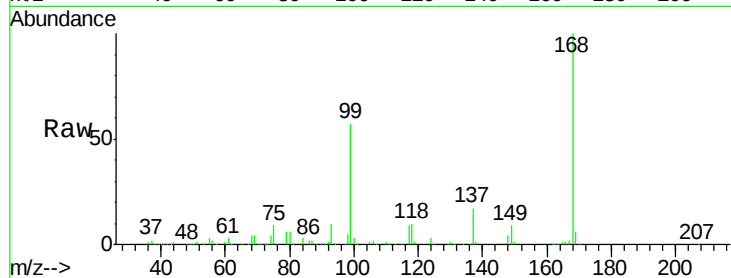




#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

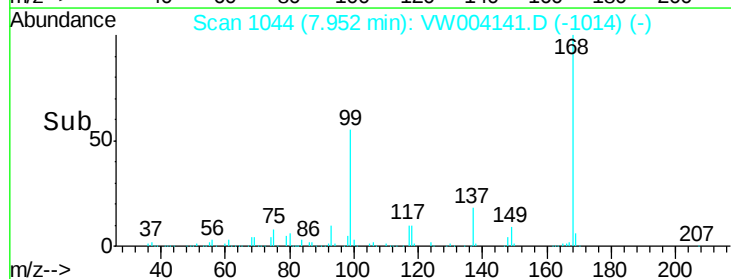
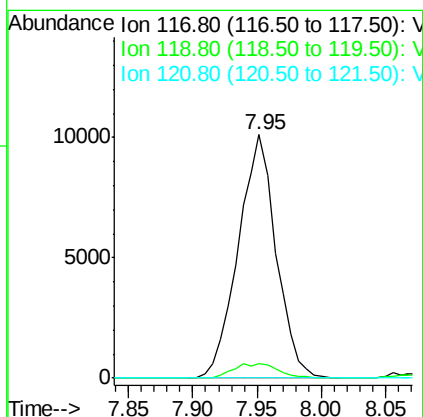
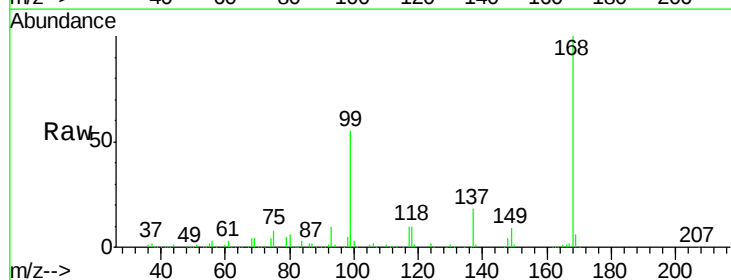
Instrument :
 MSVOA_W
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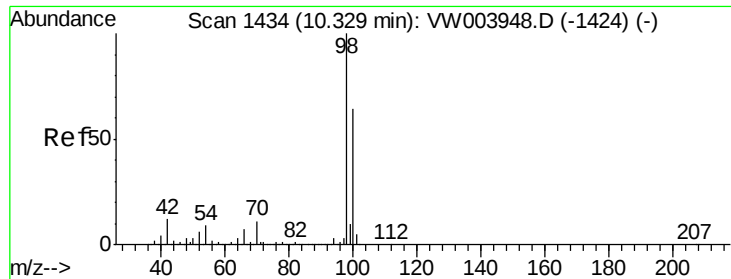
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.0	51.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.009 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 27.830 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004141.D

Acq: 23 Jul 2018 16:55

Instrument :

MSVOA_W

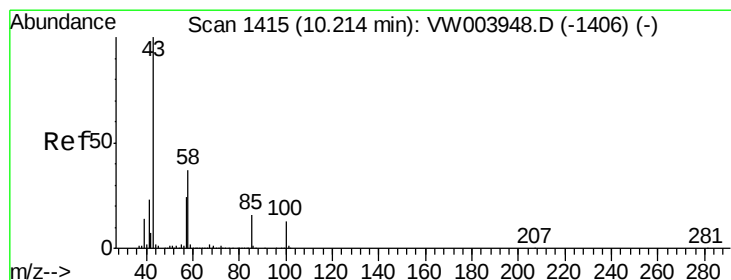
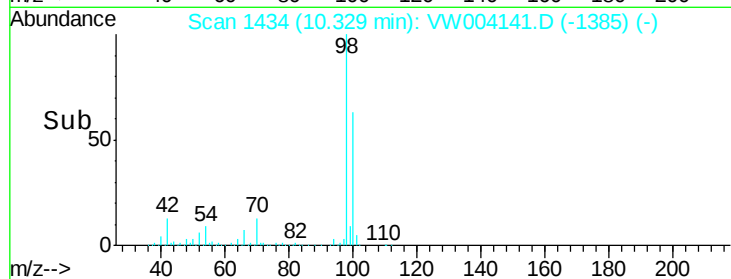
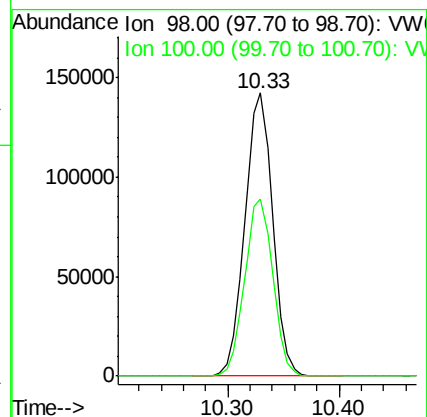
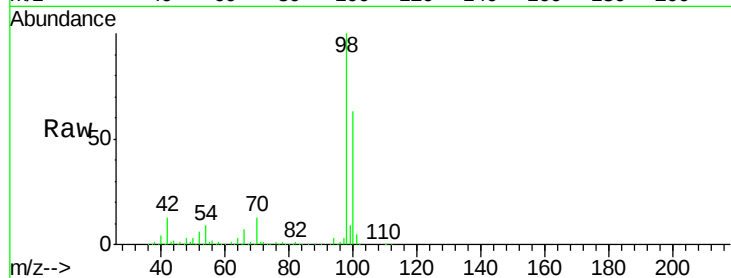
ClientSampleId :

Tot Ion: 98 Resp: 246686

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.195 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004141.D

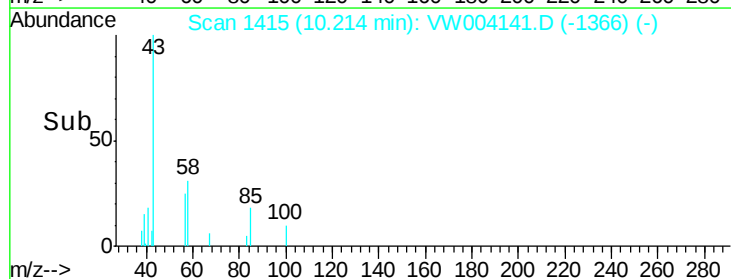
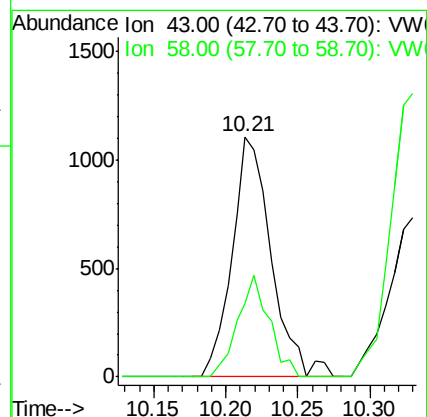
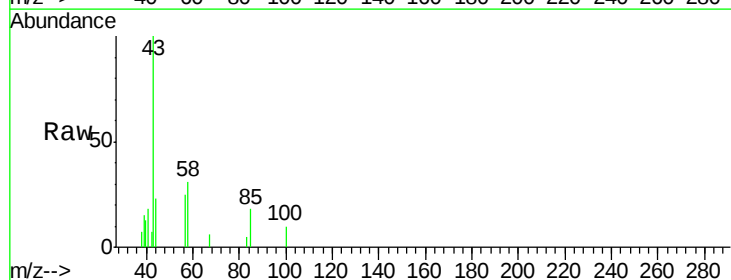
Acq: 23 Jul 2018 16:55

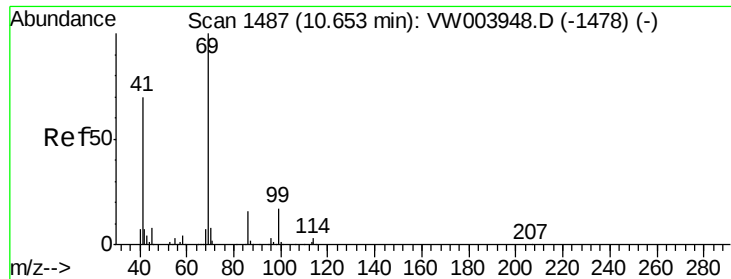
Tgt Ion: 43 Resp: 2104

Ion Ratio Lower Upper

43 100

58 33.8 29.9 44.9

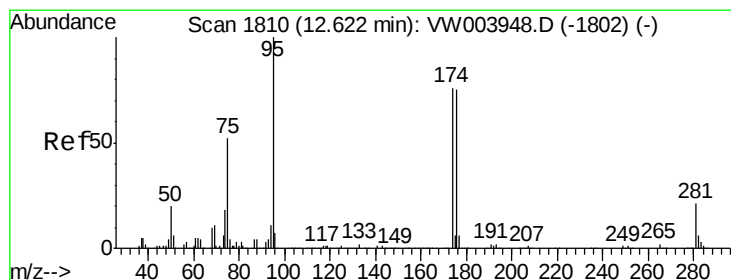
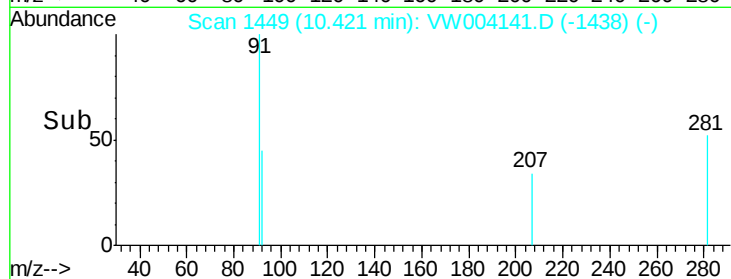
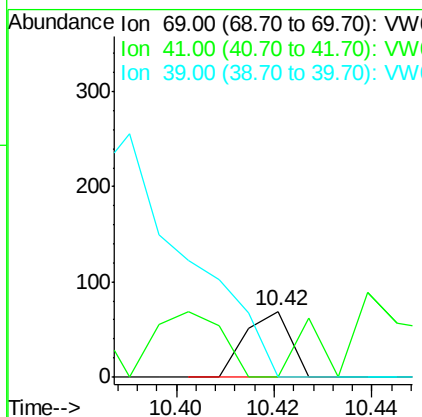
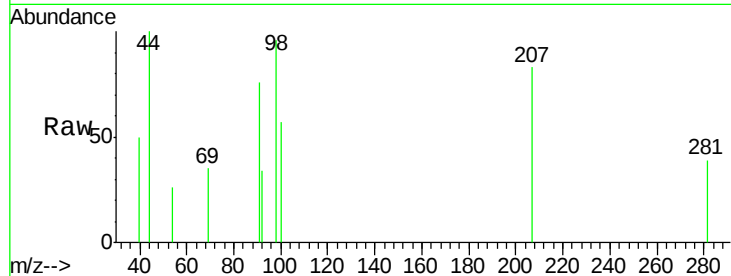




#56
Ethyl methacrylate
Concen: 2.961 ug/l
RT: 10.42 min Scan# 1449
Delta R.T. -0.23 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

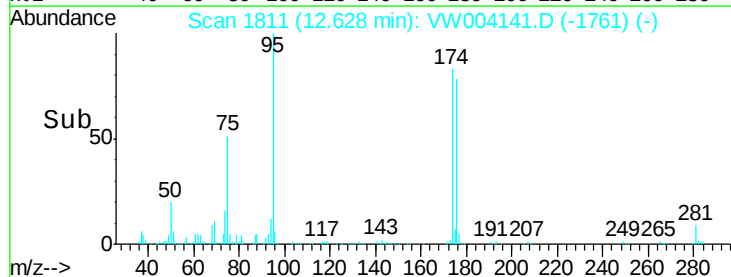
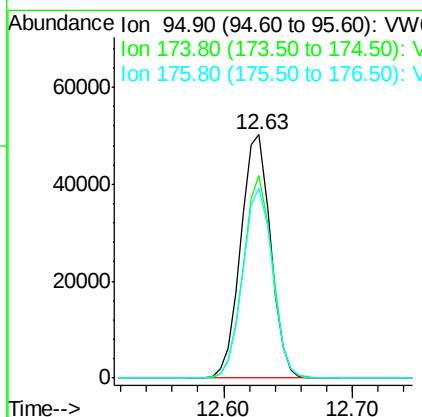
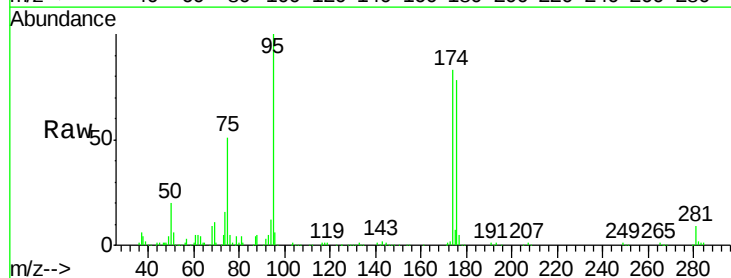
Instrument :
MSVOA_W
ClientSampleId :

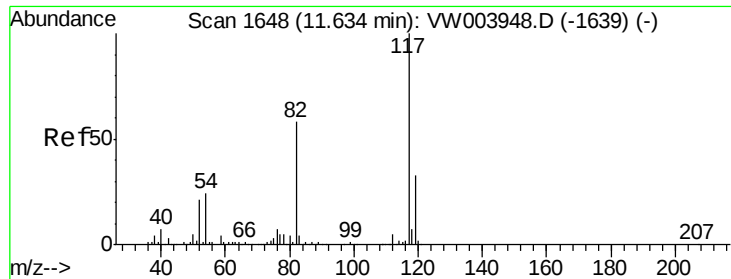
Tot Ion: 69 Resp: 44
Ion Ratio Lower Upper
69 100
41 259.1 56.5 84.7#
39 0.0 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 25.052 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion: 95 Resp: 80078
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.2
176 78.0 0.0 155.8

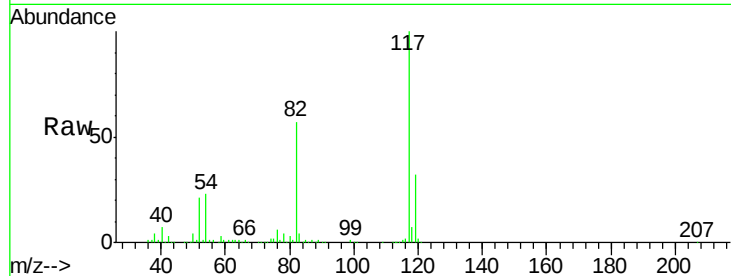




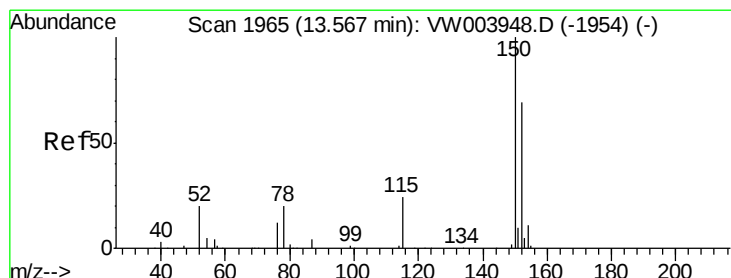
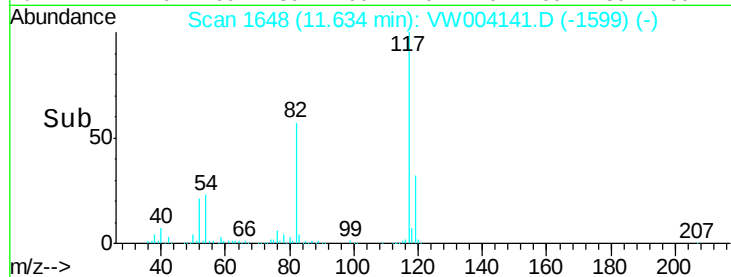
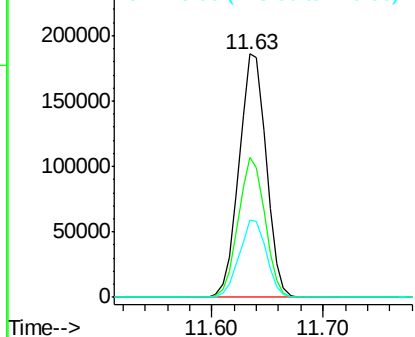
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.5	69.7
119	31.9	26.2	39.2

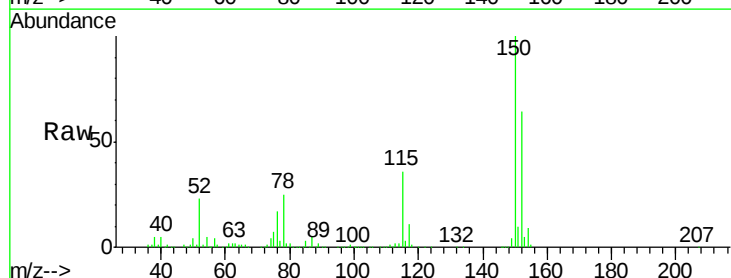


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

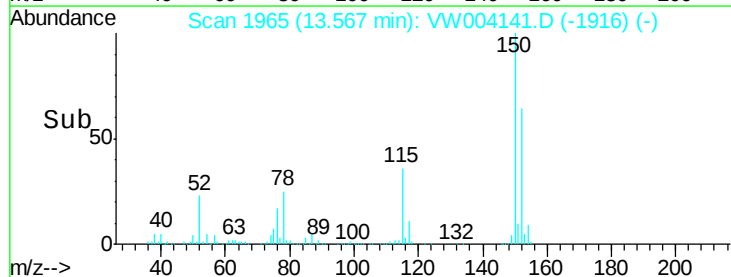
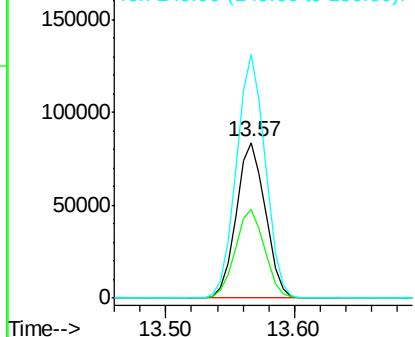


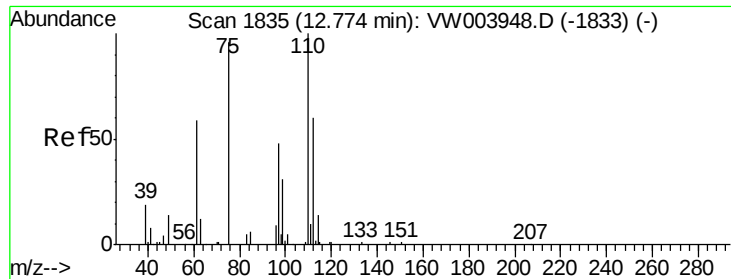
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.2	87.6
150	155.3	0.0	345.2



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





#76

1,2,3-Trichloropropane

Concen: 31.712 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004141.D

Acq: 23 Jul 2018 16:55

Instrument :

MSVOA_W

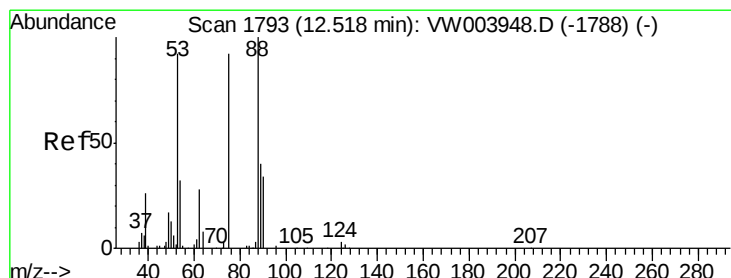
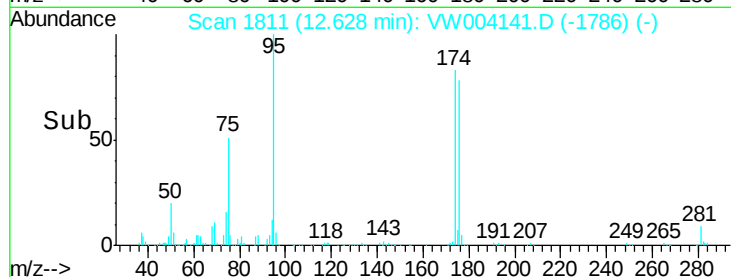
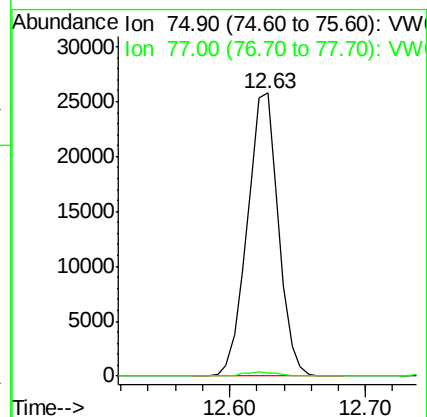
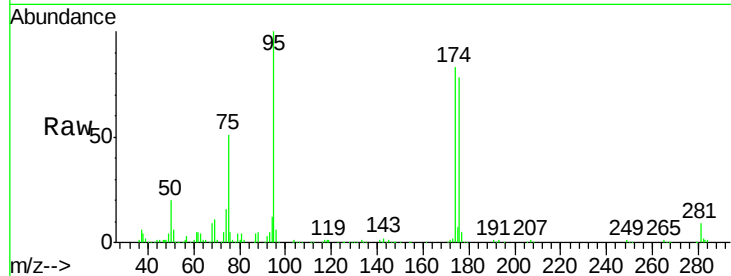
ClientSampleId :

Tot Ion: 75 Resp: 41206

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.147 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004141.D

Acq: 23 Jul 2018 16:55

Tgt Ion: 75 Resp: 41206

Ion Ratio Lower Upper

75 100

53 0.5 77.6 116.4#

89 0.2 36.6 54.8#

