

Data File : VW005106.D
Acq On : 05 Sep 2018 04:17
Operator : SY/AP
Sample : J4761-04
Misc : 6.27G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200031

Quant Time: Sep 05 05:20:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	480986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	745085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	699567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	298135	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142378	35.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.42%	
35) Dibromofluoromethane	7.89	113	144755	33.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.24%	
50) Toluene-d8	10.33	98	528752	26.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.30%	
62) 4-Bromofluorobenzene	12.62	95	169574	24.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.48%	

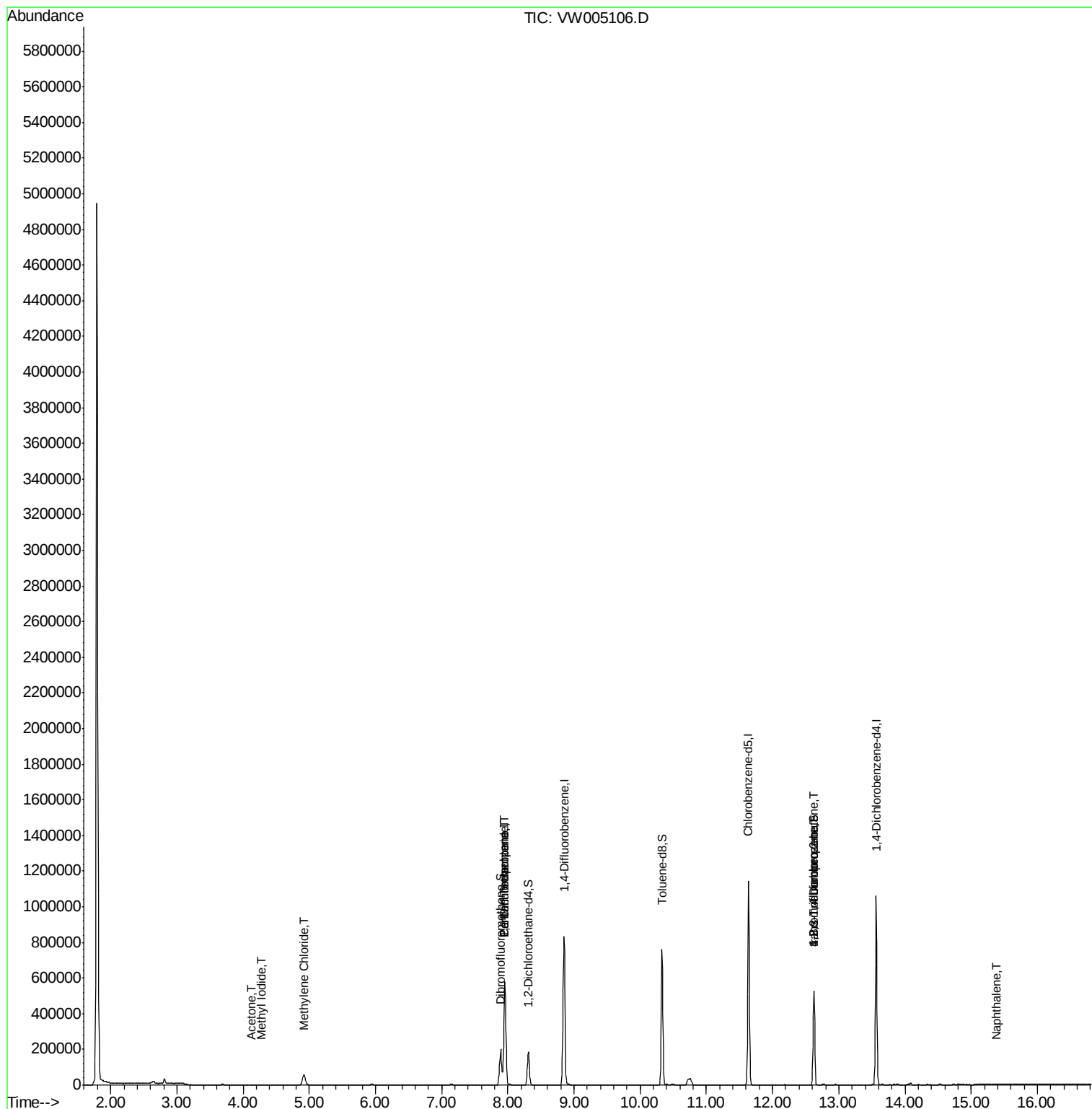
Target Compounds			Qvalue			
5) Bromomethane	2.78	94	693	Below Cal	#	66
10) Methyl Iodide	4.27	142	623	3.910	ug/l #	80
11) Tert butyl alcohol	5.19	59	126	Below Cal	#	72
16) Acetone	4.13	43	853	1.067	ug/l #	69
20) Methylene Chloride	4.92	84	47833	5.381	ug/l	96
36) 1,1-Dichloropropene	7.95	75	30536	4.303	ug/l #	48
38) Carbon Tetrachloride	7.95	117	42849	6.351	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75849	33.893	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75849	81.578	ug/l #	15
95) Naphthalene	15.37	128	1455	4.104	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

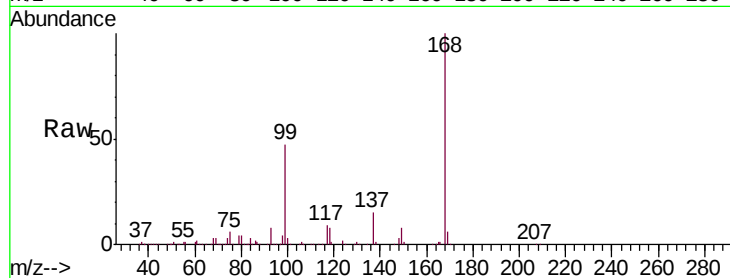
RBR-200031

Tgt Ion:168 Resp: 480986

Ion Ratio Lower Upper

168 100

99 46.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

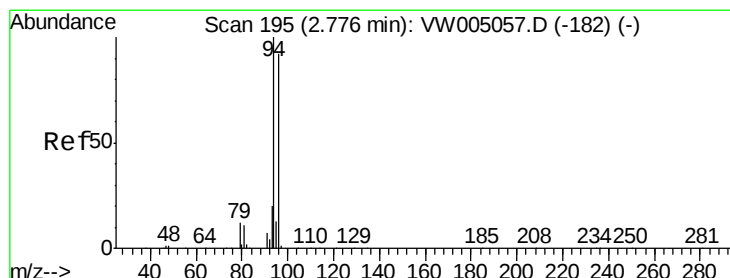
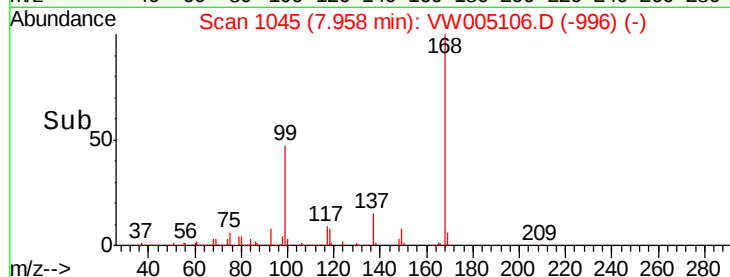
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

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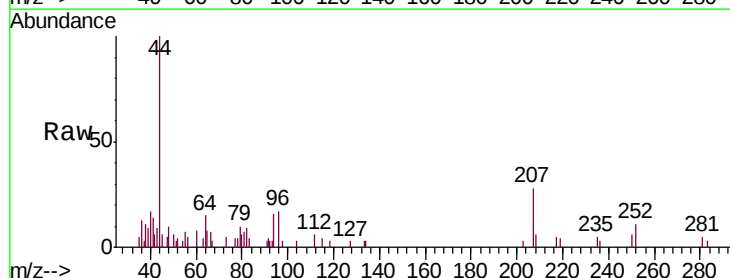
Acq: 05 Sep 2018 04:17

Tgt Ion: 94 Resp: 693

Ion Ratio Lower Upper

94 100

96 58.8 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

300

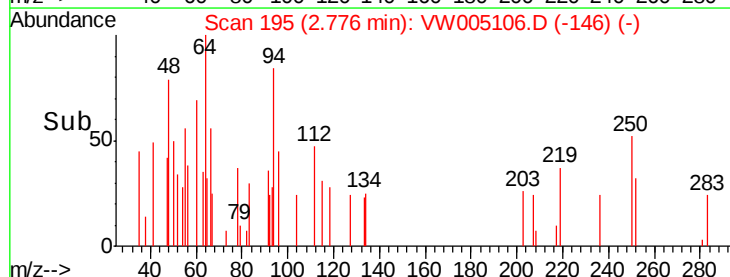
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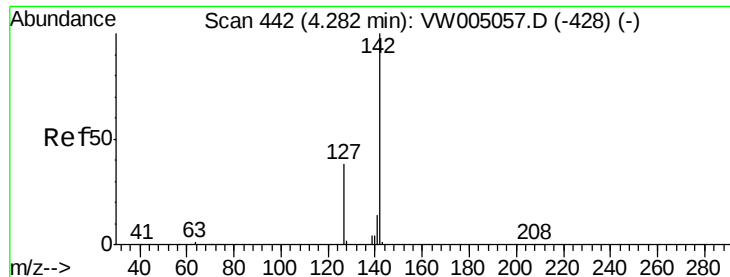
100

0

2.75 2.80

Time-->

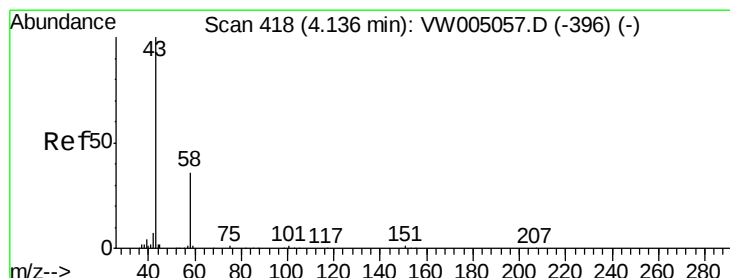
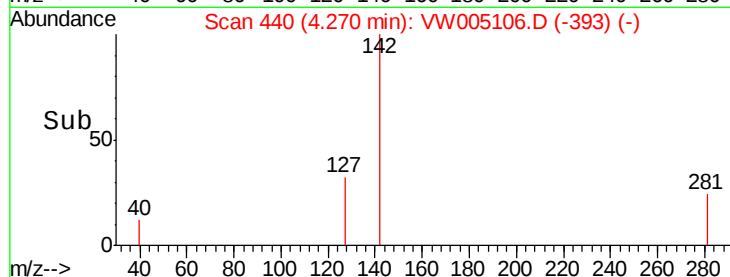
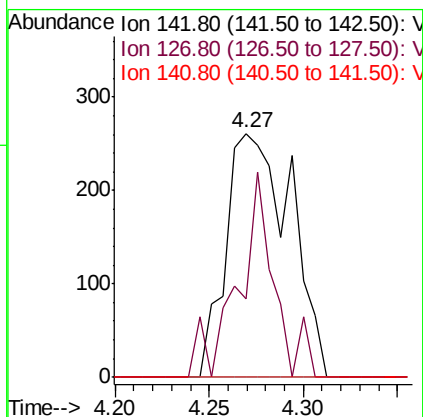
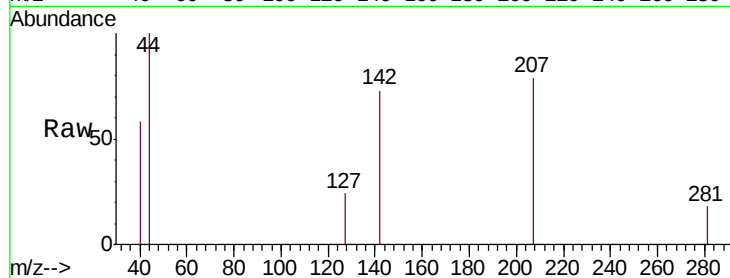




#10
Methyl Iodide
Concen: 3.910 ug/l
RT: 4.27 min Scan# 440
Delta R.T. -0.01 min
Lab File: VW005106.D
Acq: 05 Sep 2018 04:17

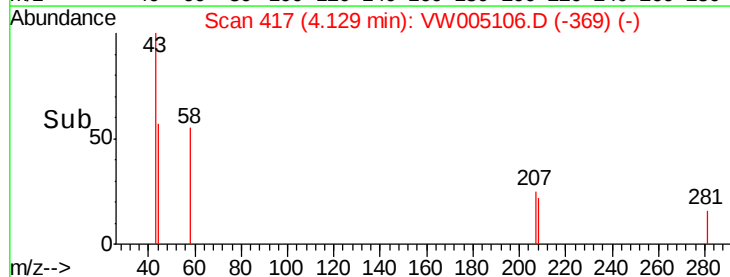
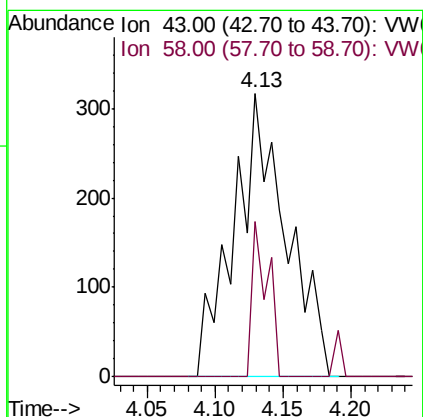
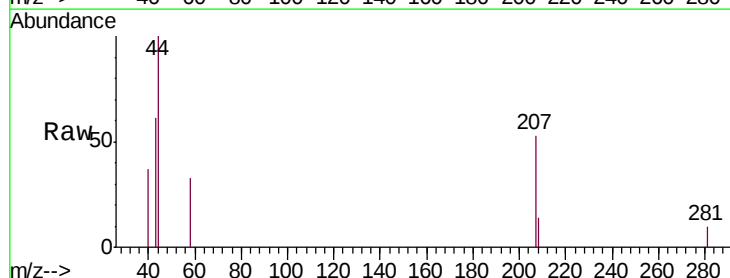
Instrument :
MSVOA_W
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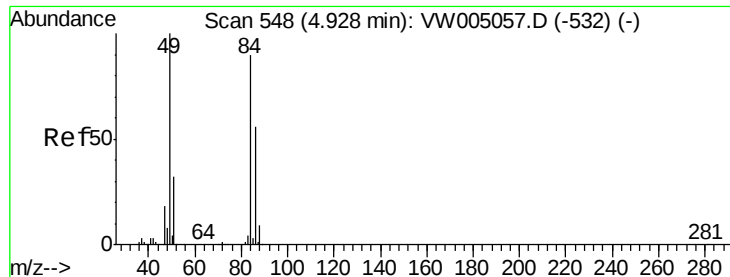
Tgt Ion:142 Resp: 623
Ion Ratio Lower Upper
142 100
127 47.0 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 1.067 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
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Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 54.6 29.0 43.6#

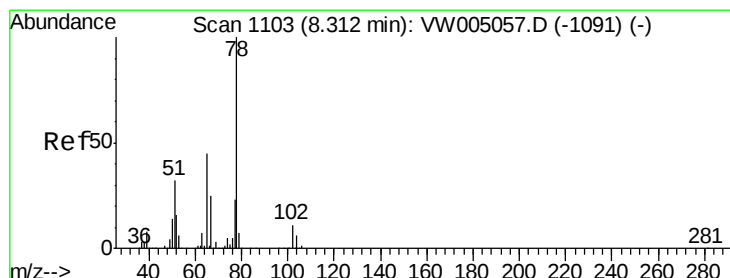
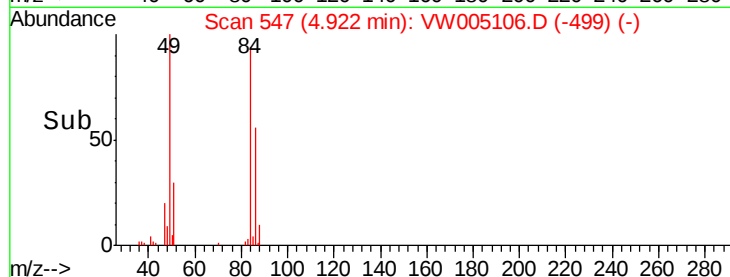
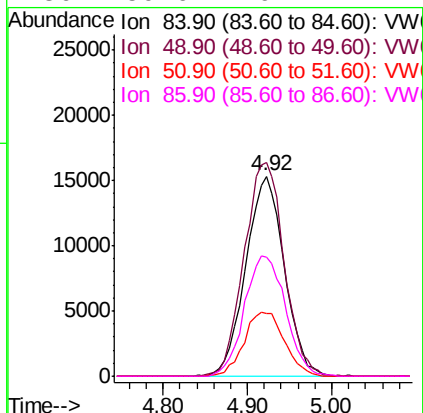
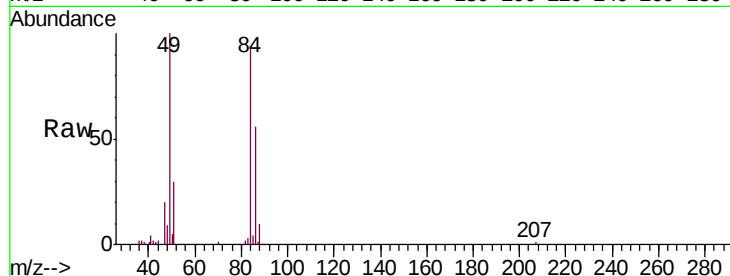




#20
Methylene Chloride
Concen: 5.381 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005106.D
Acq: 05 Sep 2018 04:17

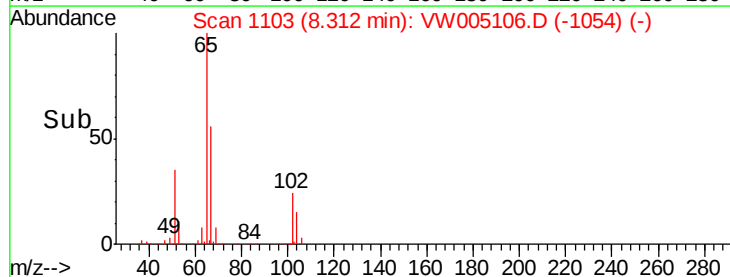
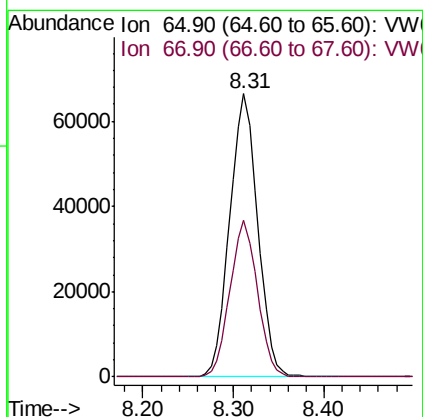
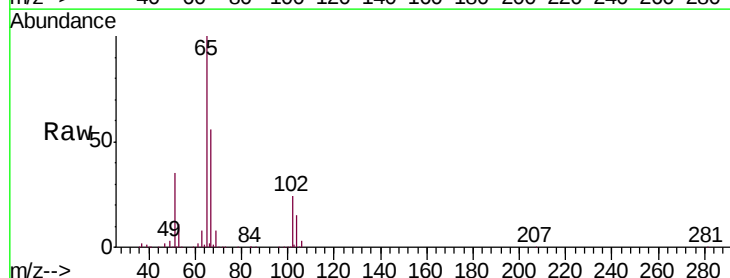
Instrument :
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ClientSampleId :
RBR-200031

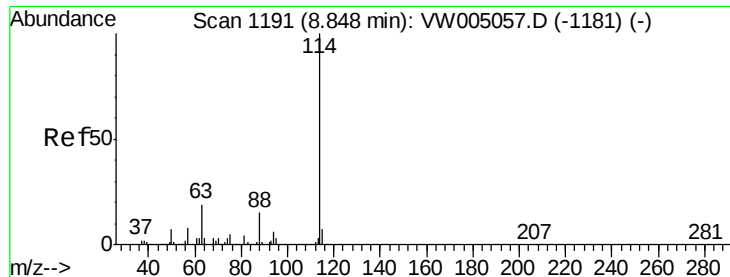
Tgt Ion:	84	Resp:	47833
Ion	Ratio	Lower	Upper
84	100		
49	106.8	88.7	133.1
51	31.7	28.6	42.8
86	59.6	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 35.709 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005106.D
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Tgt Ion:	65	Resp:	142378
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.4

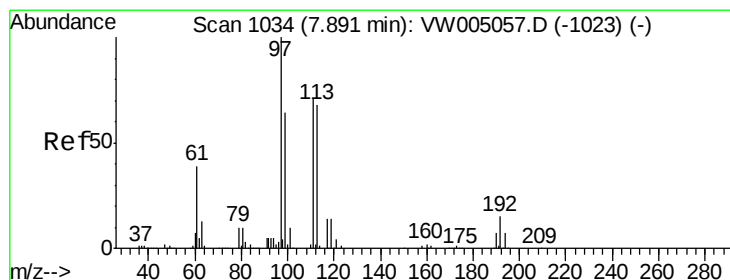
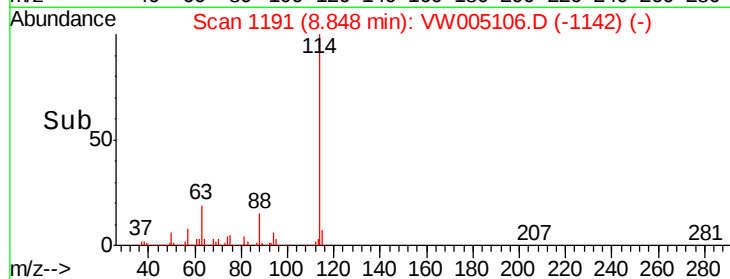
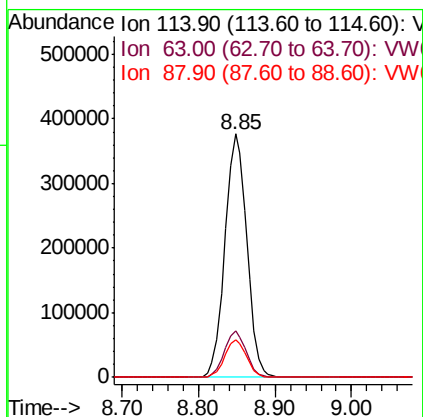
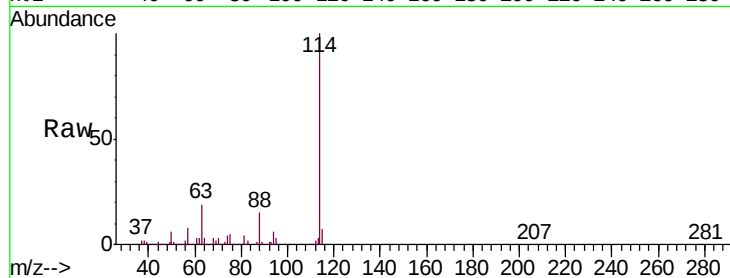




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005106.D
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Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 33.619 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005106.D
 Acq: 05 Sep 2018 04:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	22.6	18.1	27.1

