

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005783.D
 Acq On : 02 Oct 2018 18:04
 Operator : SY/AP
 Sample : J5180-12
 Misc : 3.80G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:12:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	36119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	37941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	16505	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	7752	16.84	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.36%
7) Chloroethane-d5	2.89	69	7381	20.55	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.01	63	13540	13.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.88%
20) 2-Butanone-d5	7.09	46	8430	57.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
24) Chloroform-d	7.65	84	25361	27.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.32%
26) 1,2-Dichloroethane-d4	8.31	65	16840	29.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.88%
29) Benzene-d6	8.28	84	39245	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.28	67	13470	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.24%
37) Toluene-d8	10.33	98	34725	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.92%
38) trans-1,3-Dichloropropene-	10.58	79	6034	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	5363	42.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15248	28.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	15274	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

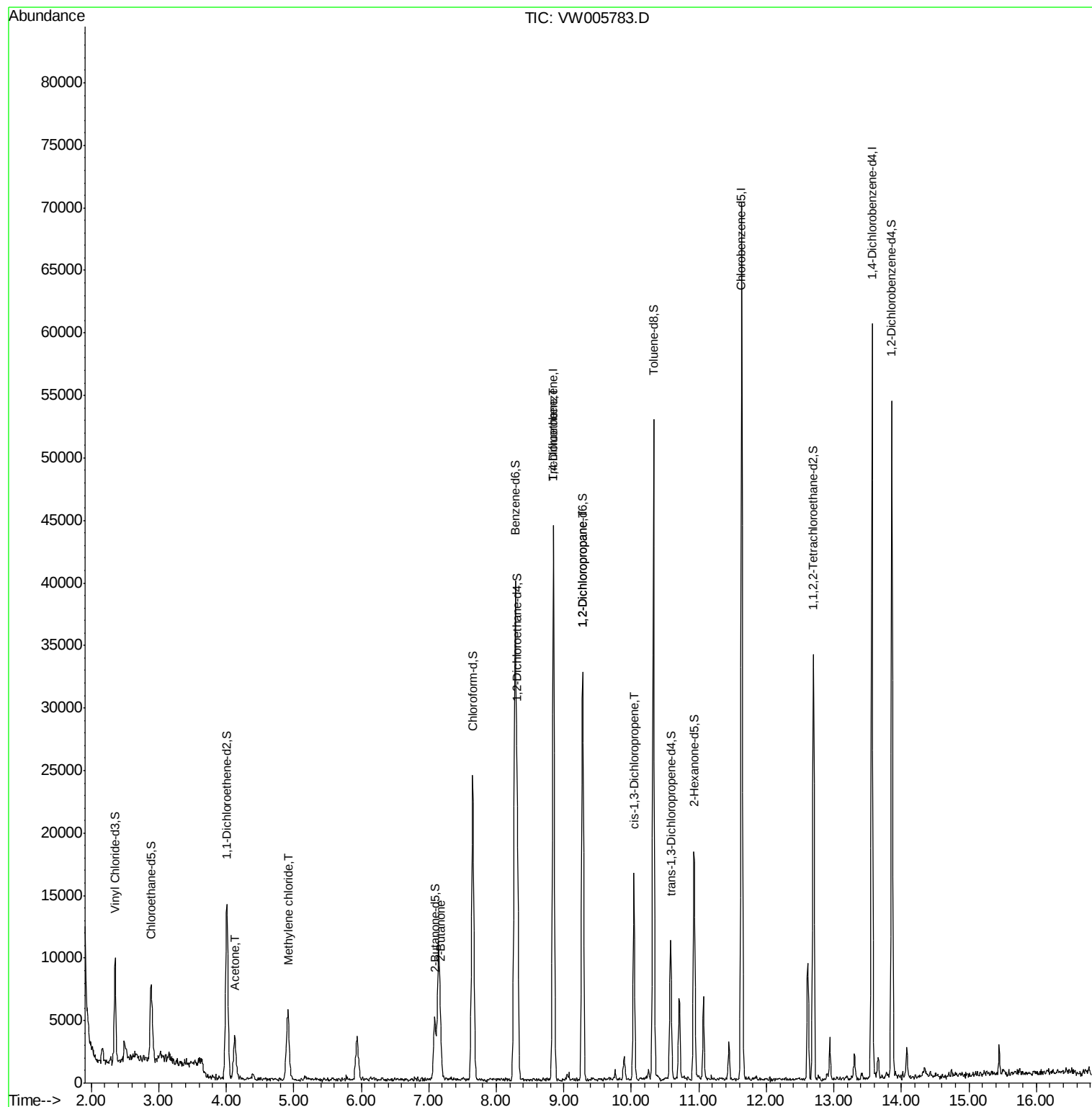
					Ovalue
13) Acetone	4.13	43	5746	37.328 ug/L #	58
16) Methylene chloride	4.92	84	2656	4.460 ug/L	89
21) 2-Butanone	7.18	43	1466	7.952 ug/L #	73
35) Trichloroethene	8.84	95	1130	1.970 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	1733	3.317 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	403	0.467 ug/L #	69

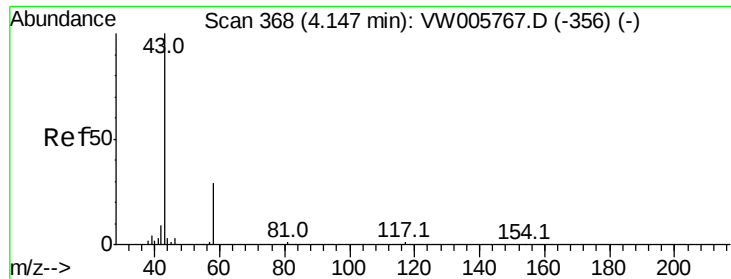
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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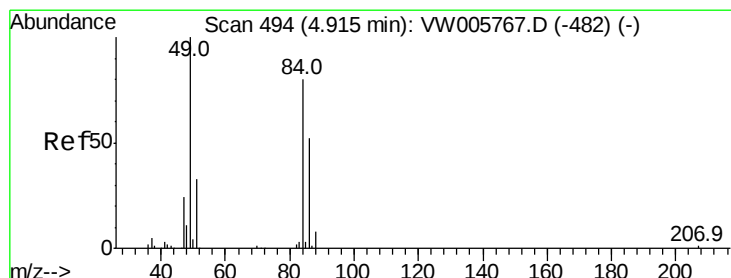
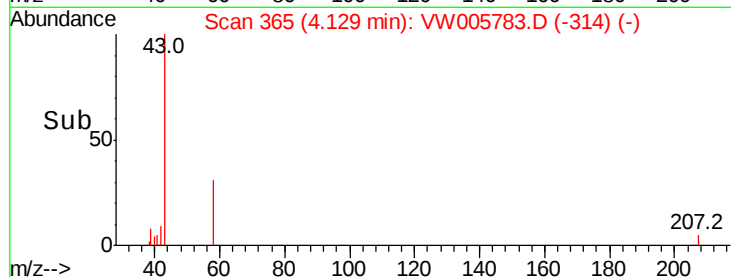
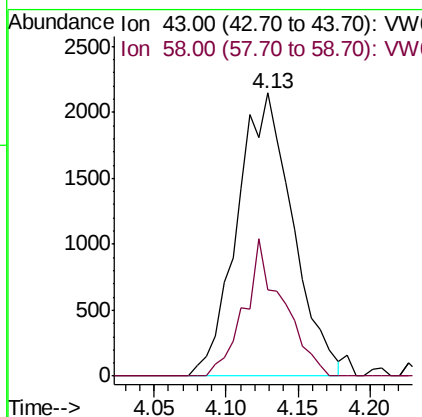
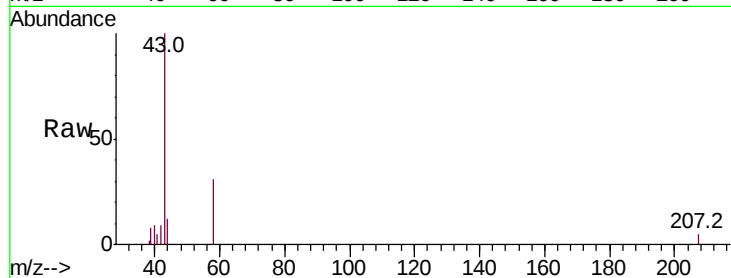




#13
Acetone
Concen: 37.328 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW005783.D
Acq: 02 Oct 2018 18:04

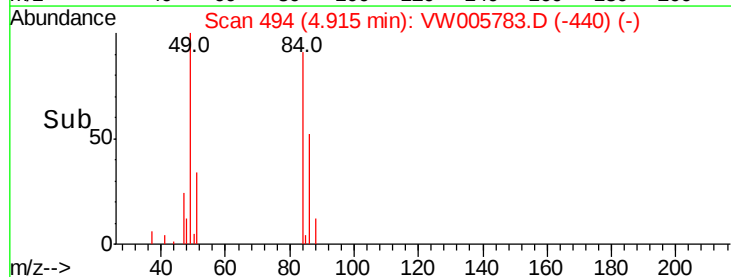
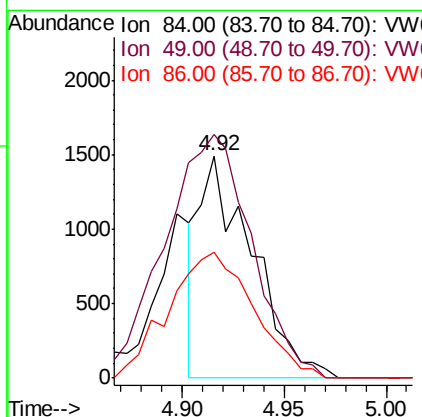
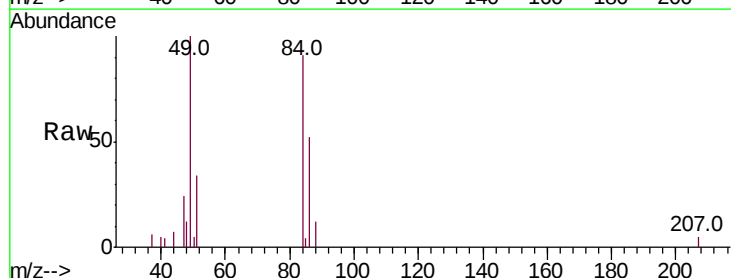
Instrument :
MSVOA_W
ClientSampled :

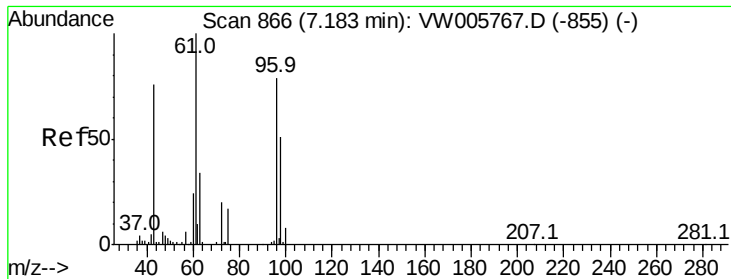
Tot Ion: 43 Resp: 5746
Ion Ratio Lower Upper
43 100
58 33.9 0.0 31.8#



#16
Methylene chloride
Concen: 4.460 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005783.D
Acq: 02 Oct 2018 18:04

Tgt Ion: 84 Resp: 2656
Ion Ratio Lower Upper
84 100
49 109.5 87.2 162.0
86 56.9 43.2 80.2





#21

2-Butanone

Concen: 7.952 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005783.D

Acq: 02 Oct 2018 18:04

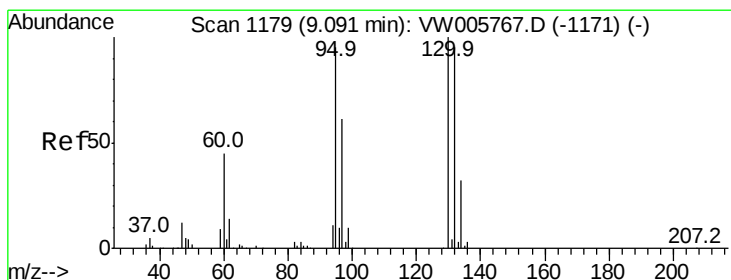
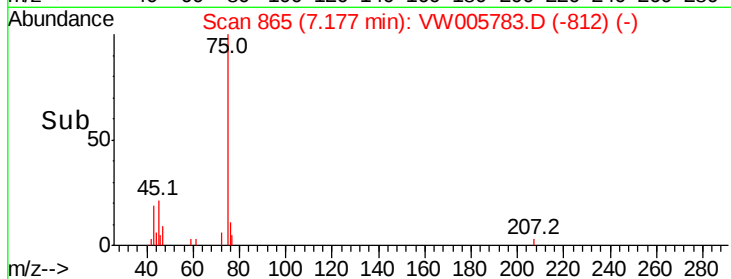
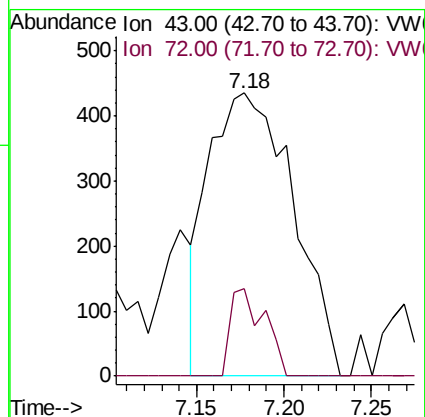
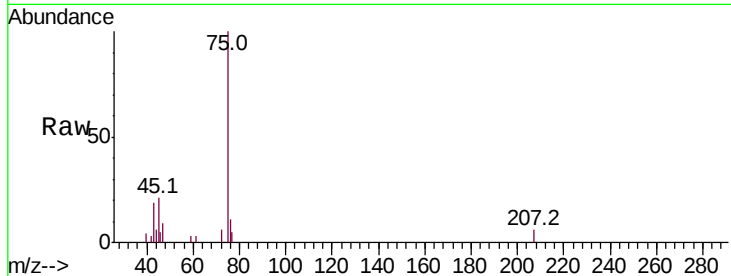
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1466

Ion Ratio Lower Upper

43 100

72 12.3 13.2 39.6#



#35

Trichloroethene

Concen: 1.970 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005783.D

Acq: 02 Oct 2018 18:04

Tgt Ion: 95 Resp: 1130

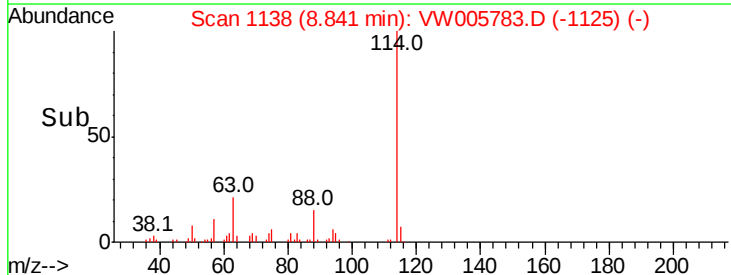
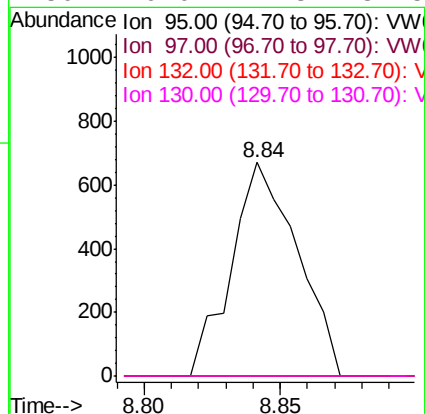
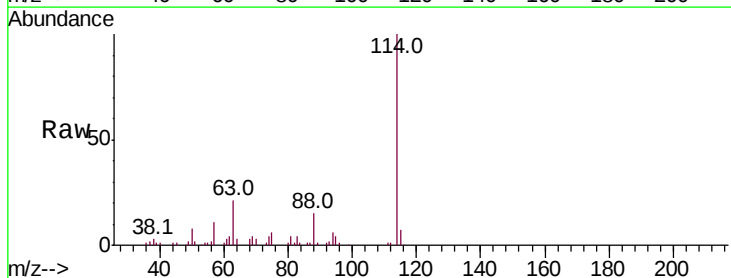
Ion Ratio Lower Upper

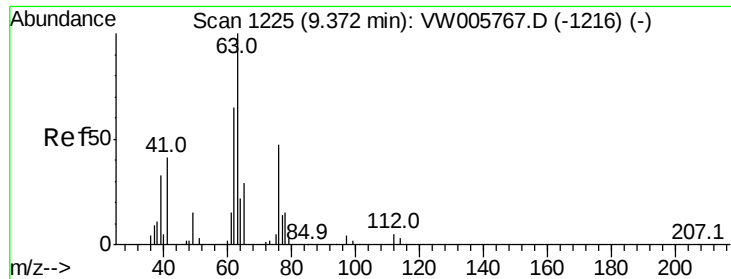
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#





#40

1,2-Dichloropropane

Concen: 3.317 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005783.D

Acq: 02 Oct 2018 18:04

Instrument :

MSVOA_W

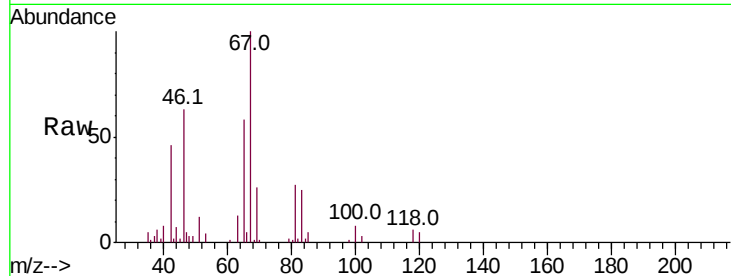
ClientSampled :

Tot Ion: 63 Resp: 1733

Ion Ratio Lower Upper

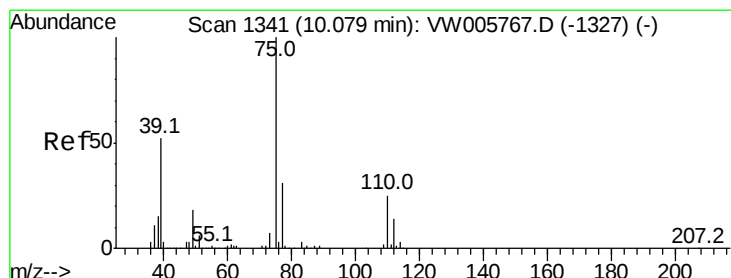
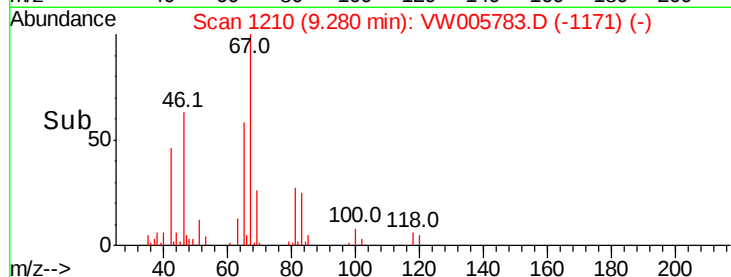
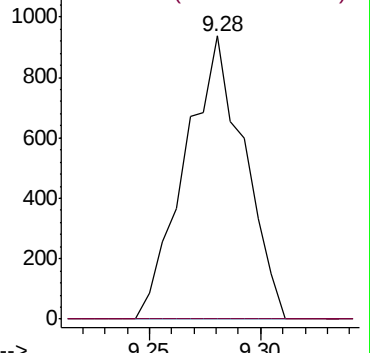
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005783.D

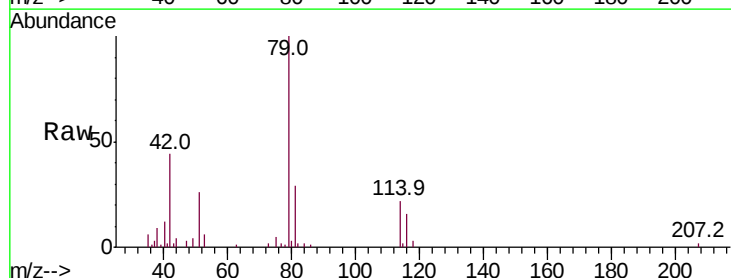
Acq: 02 Oct 2018 18:04

Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

77 48.8 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

