

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005771.D
 Acq On : 02 Oct 2018 12:54
 Operator : SY/AP
 Sample : J5181-14
 Misc : 4.01G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:10:48 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	227922	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226548	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87681	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	43735	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	2.90	69	38710	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.32%
10) 1,1-Dichloroethene-d2	4.02	63	79612	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.09	46	44135	47.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.64%
24) Chloroform-d	7.65	84	134393	22.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	8.31	65	87928	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.16%
29) Benzene-d6	8.28	84	221517	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.28	67	71073	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.72%
37) Toluene-d8	10.33	98	212931	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.92%
38) trans-1,3-Dichloropropene-	10.59	79	35291	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	10.93	63	32856	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	76377	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	74988	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

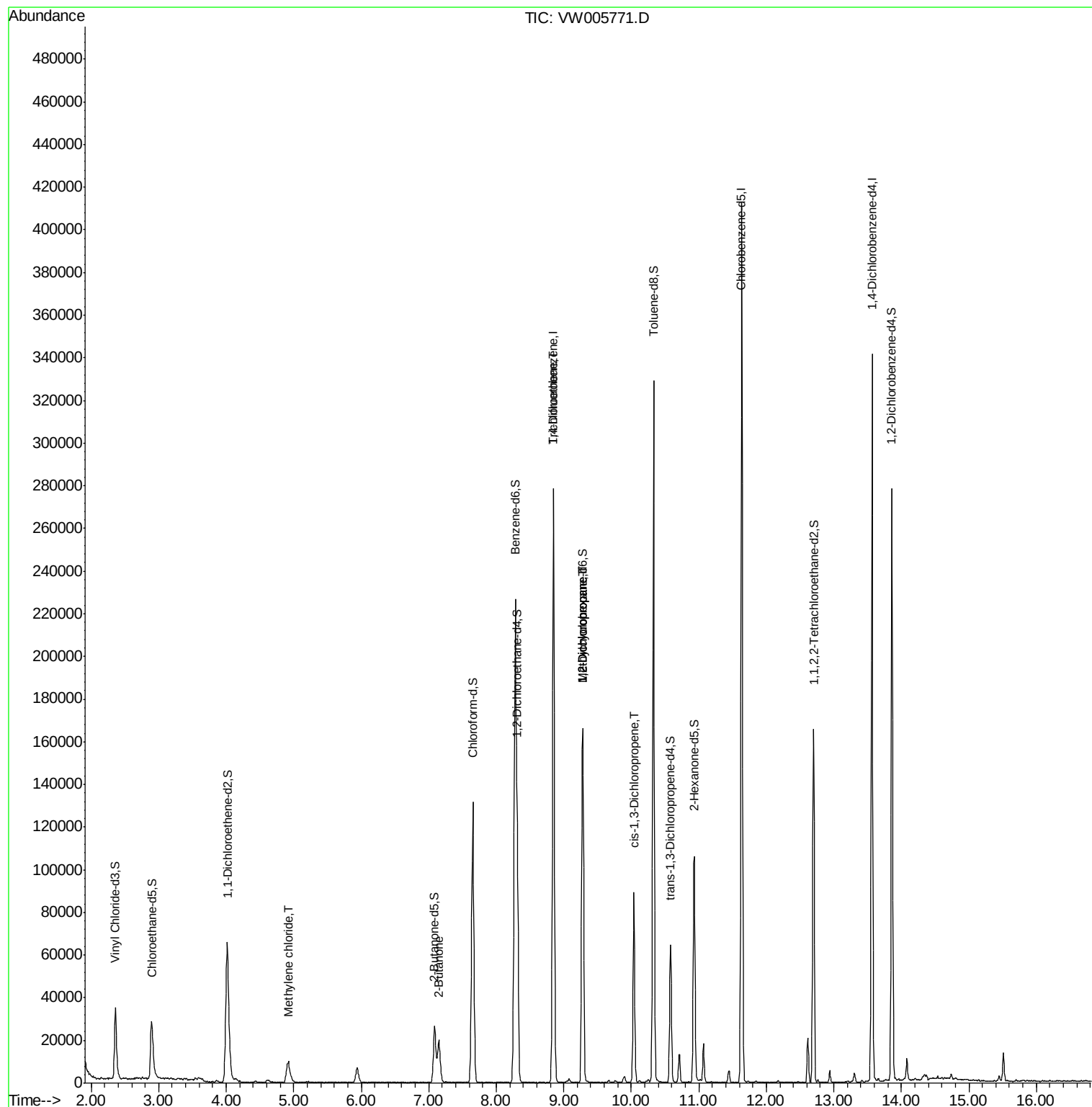
					Ovalue
16) Methylene chloride	4.92	84	9091	2.419 ug/L	86
21) 2-Butanone	7.14	43	2971	2.554 ug/L #	49
35) Trichloroethene	8.85	95	7469	2.181 ug/L #	5
36) Methylcyclohexane	9.28	83	19530	3.280 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	9254	2.966 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2281	0.443 ug/L #	67

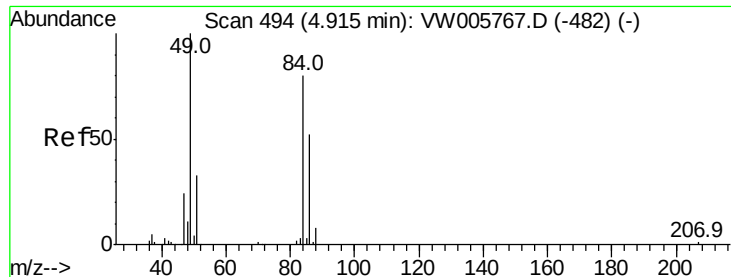
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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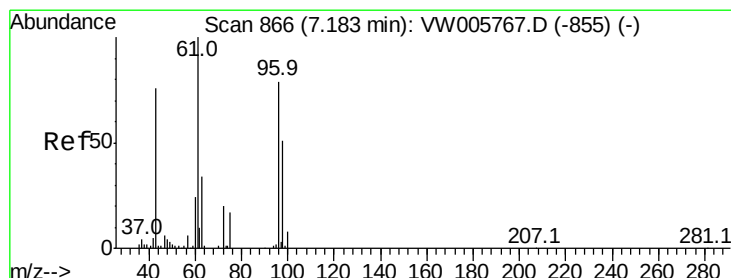
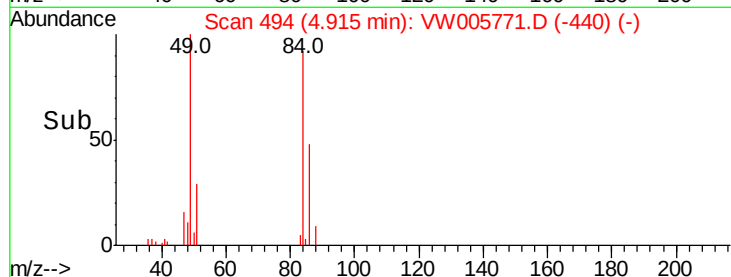
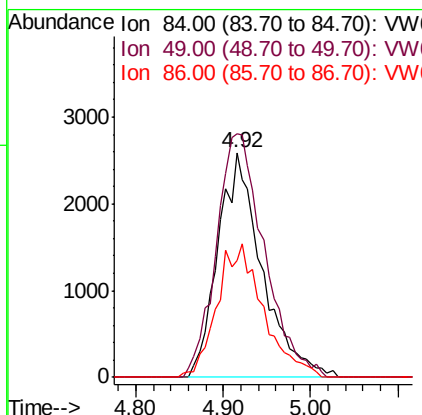
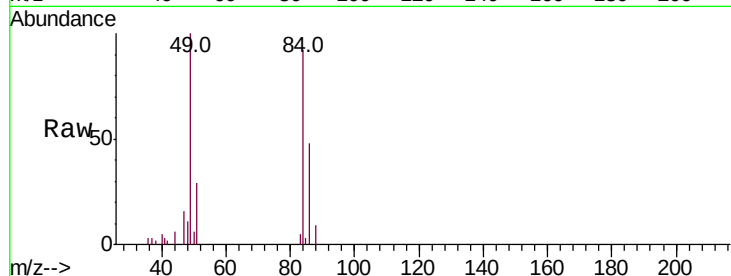




#16
Methylene chloride
Concen: 2.419 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005771.D
Acq: 02 Oct 2018 12:54

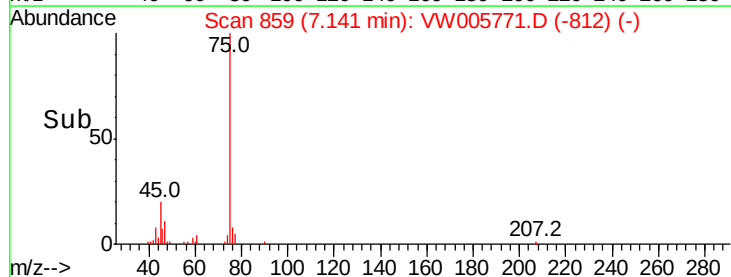
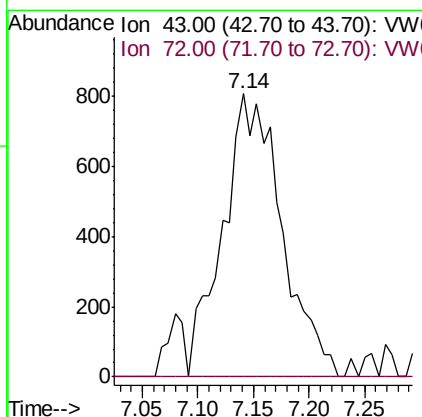
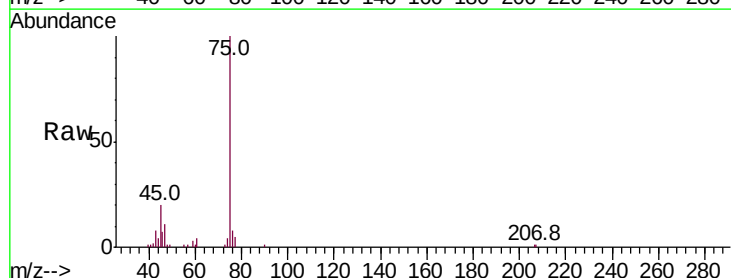
Instrument :
MSVOA_W
ClientSampleId :

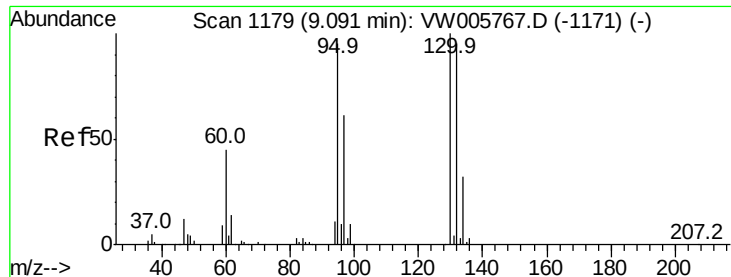
Tot Ion: 84 Resp: 9091
Ion Ratio Lower Upper
84 100
49 108.3 87.2 162.0
86 51.9 43.2 80.2



#21
2-Butanone
Concen: 2.554 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005771.D
Acq: 02 Oct 2018 12:54

Tgt Ion: 43 Resp: 2971
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#





#35

Trichloroethene

Concen: 2.181 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005771.D

Acq: 02 Oct 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7469

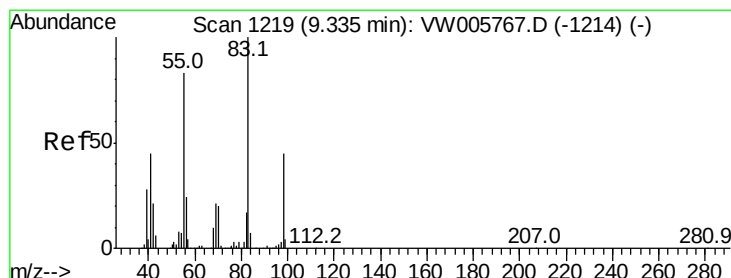
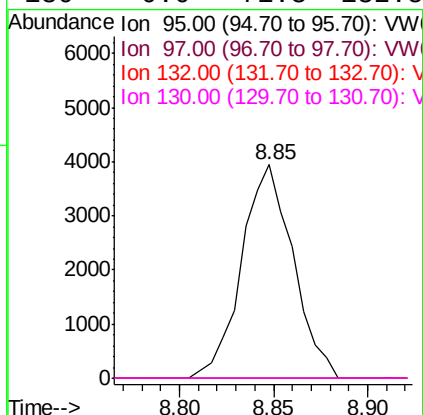
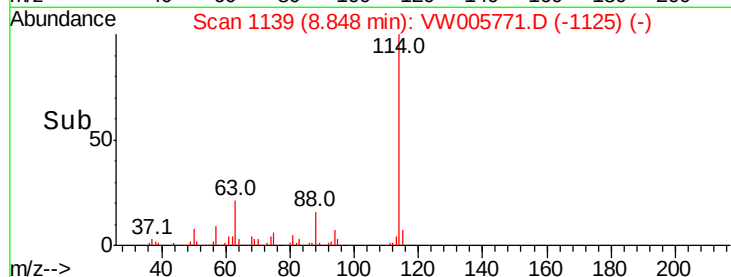
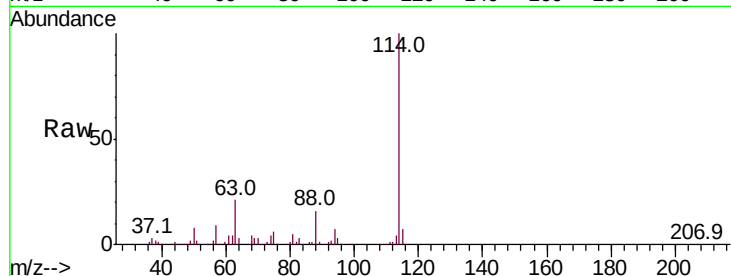
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#36

Methylcyclohexane

Concen: 3.280 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW005771.D

Acq: 02 Oct 2018 12:54

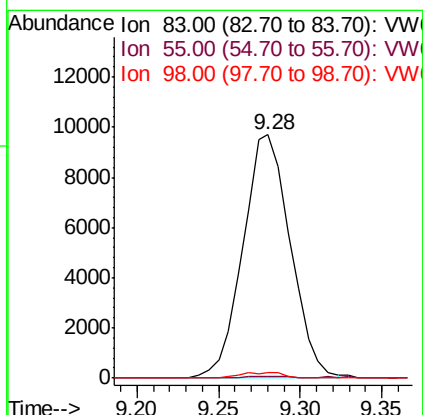
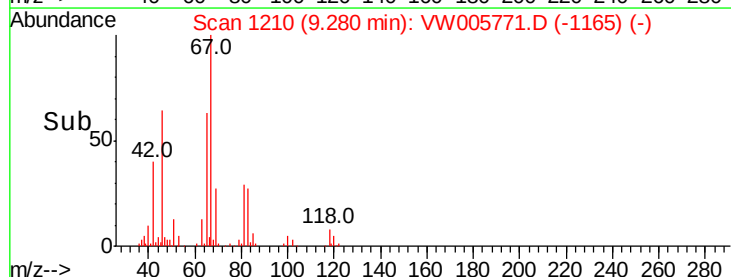
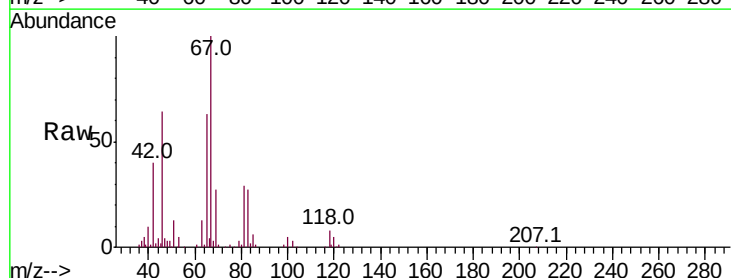
Tgt Ion: 83 Resp: 19530

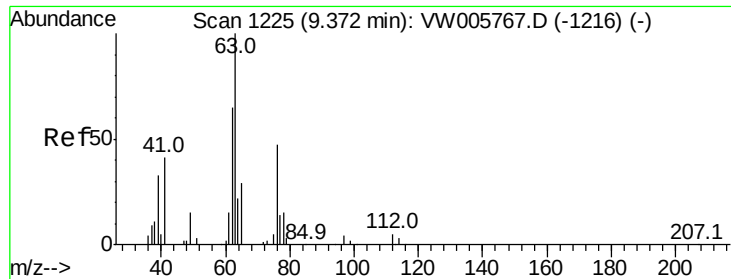
Ion Ratio Lower Upper

83 100

55 0.3 62.5 93.7#

98 2.0 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 2.966 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005771.D

Acq: 02 Oct 2018 12:54

Instrument :

MSVOA_W

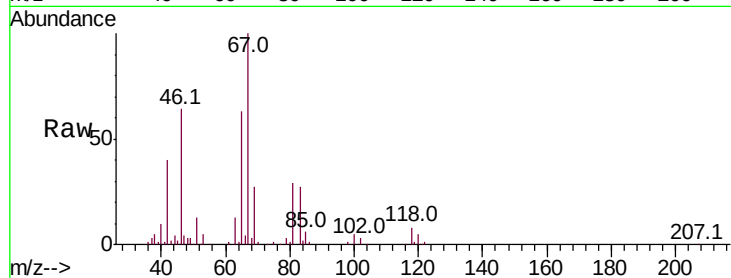
ClientSampled :

Tot Ion: 63 Resp: 9254

Ion Ratio Lower Upper

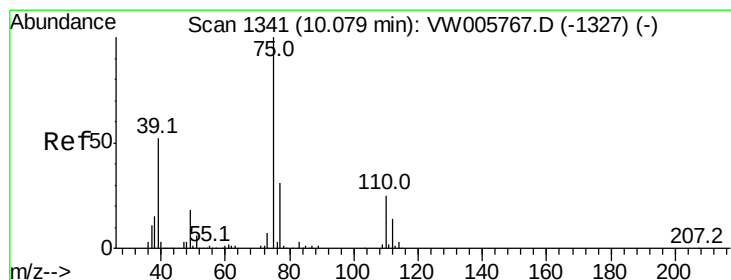
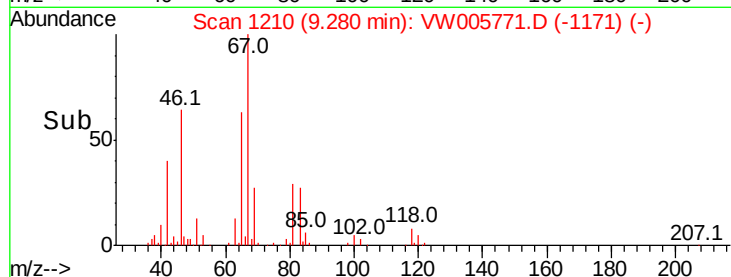
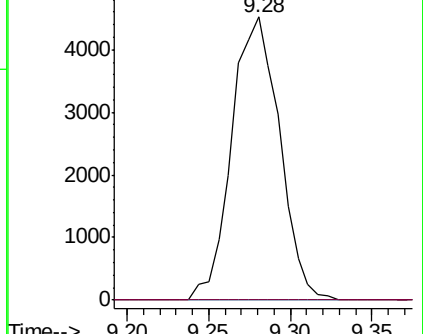
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005771.D

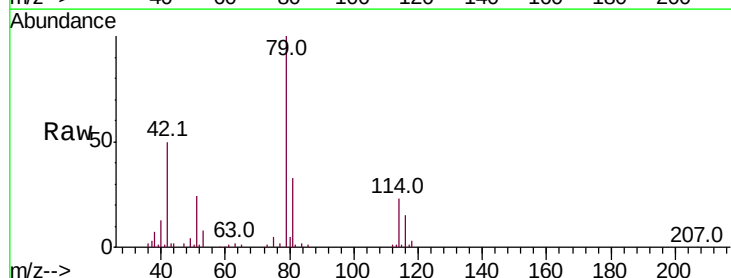
Acq: 02 Oct 2018 12:54

Tgt Ion: 75 Resp: 2281

Ion Ratio Lower Upper

75 100

77 50.3 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

