

Data File : VW017391.D
Acq On : 19 Nov 2020 23:56
Operator : SY/VA
Sample : L4794-13
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD5

Quant Time: Nov 20 04:39:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426654	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136590	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
7) Chloroethane-d5	2.89	69	113139	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.02	63	186675	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	7.07	46	45632	43.99	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
24) Chloroform-d	7.65	84	265993	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.30	65	130416	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.28	84	527177	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	144641	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	498945	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	57596	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	10.93	63	36378	46.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107415	24.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	172160	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

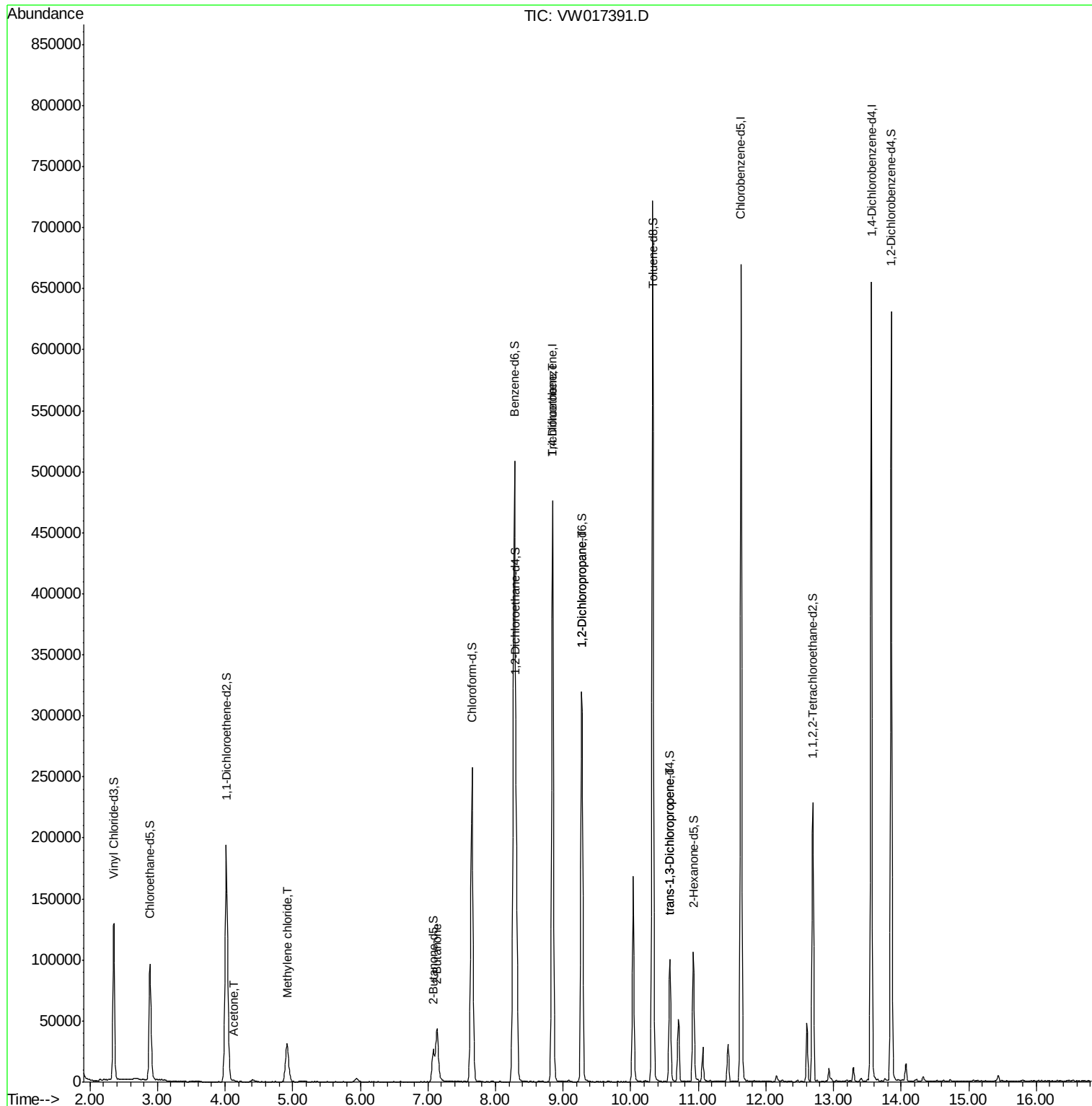
					Qvalue
13) Acetone	4.12	43	588	0.777 ug/L	69
16) Methylene chloride	4.92	84	27209	3.728 ug/L	97
21) 2-Butanone	7.13	43	1713	1.476 ug/L #	65
35) Trichloroethene	8.85	95	12683	2.030 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	17613	3.526 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2745	0.418 ug/L #	73

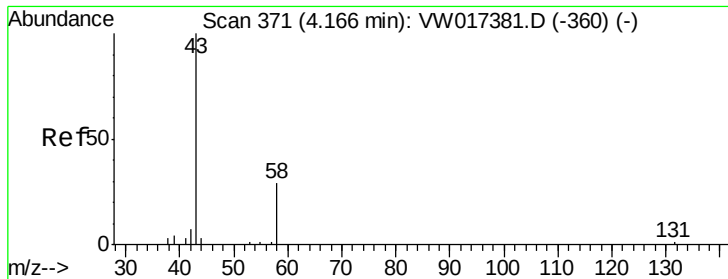
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017391.D
Acq On : 19 Nov 2020 23:56
Operator : SY/VA
Sample : L4794-13
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD5

Quant Time: Nov 20 04:39:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.777 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

Lab File: VW017391.D

Acq: 19 Nov 2020 23:56

Instrument :

MSVOA_W

ClientSampleId :

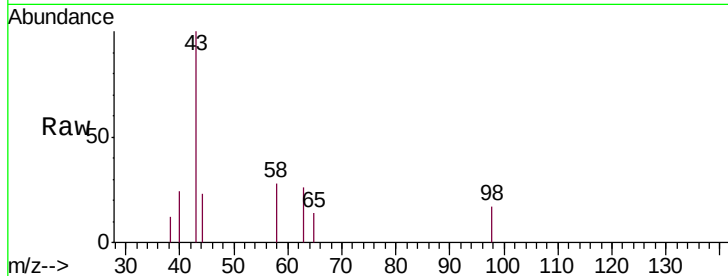
C0BD5

Tgt Ion: 43 Resp: 588

Ion Ratio Lower Upper

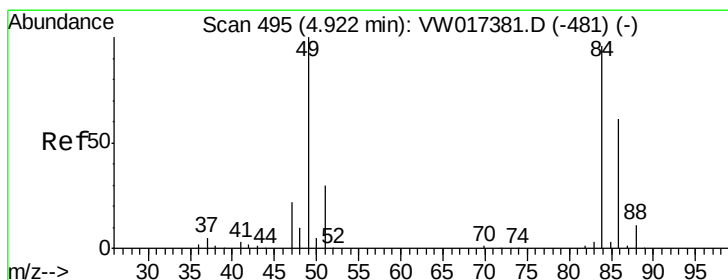
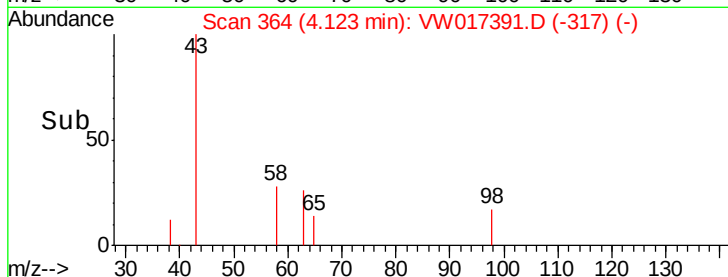
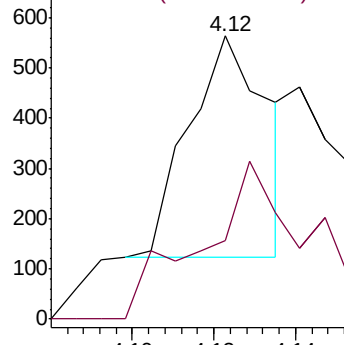
43 100

58 51.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.728 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017391.D

Acq: 19 Nov 2020 23:56

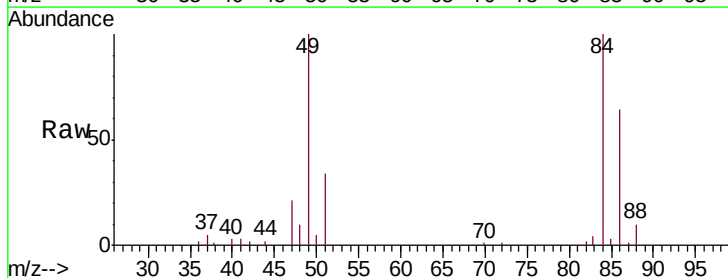
Tgt Ion: 84 Resp: 27209

Ion Ratio Lower Upper

84 100

49 100.4 71.5 132.9

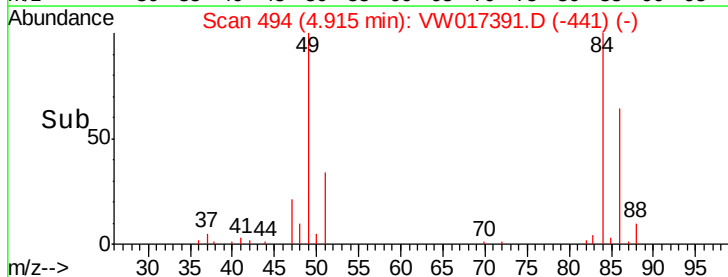
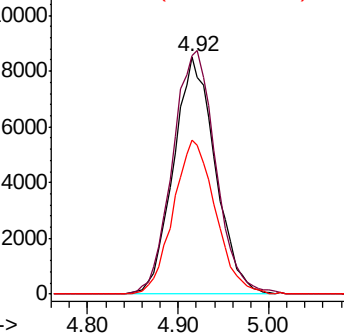
86 64.7 42.8 79.4

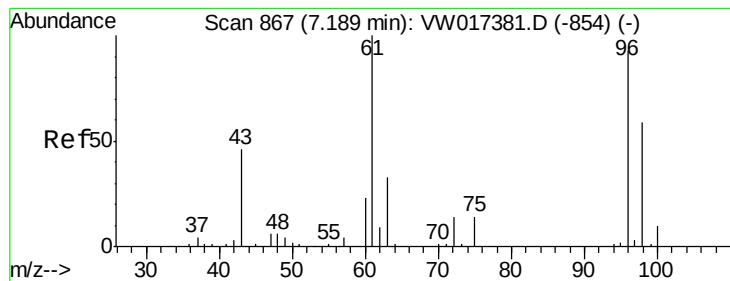


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.476 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.06 min

Lab File: VW017391.D

Acq: 19 Nov 2020 23:56

Instrument :

MSVOA_W

ClientSampleID :

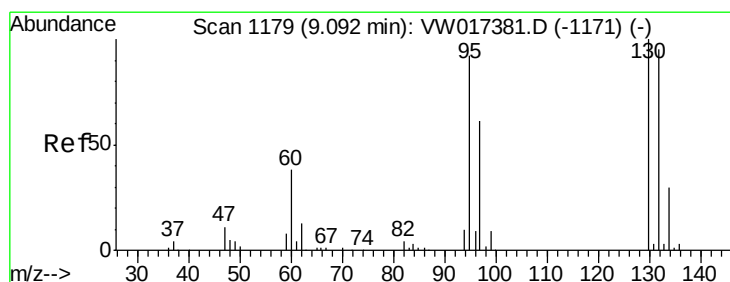
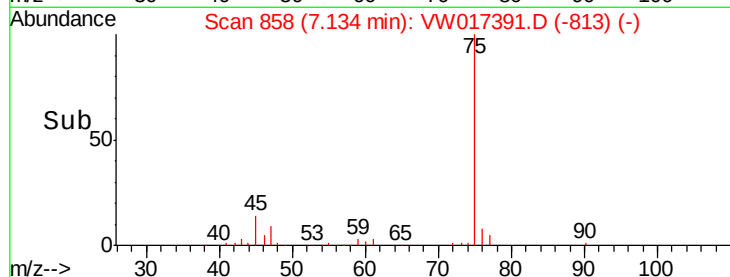
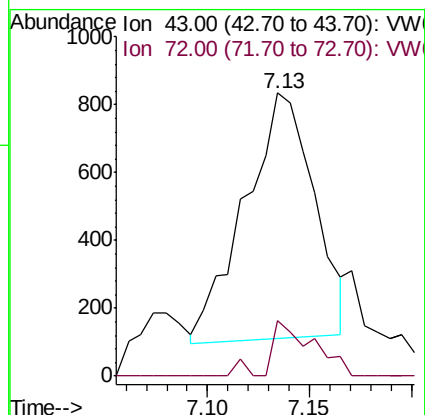
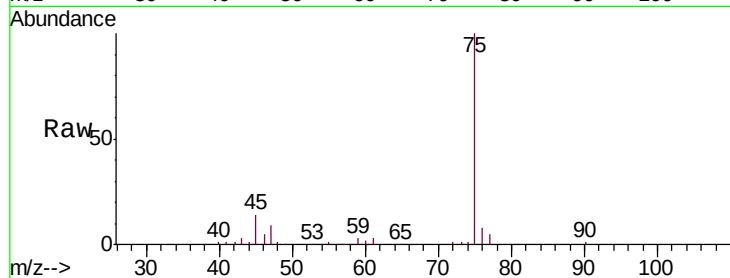
C0BD5

Tgt Ion: 43 Resp: 1713

Ion Ratio Lower Upper

43 100

72 12.9 16.4 49.1#



#35

Trichloroethene

Concen: 2.030 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017391.D

Acq: 19 Nov 2020 23:56

Tgt Ion: 95 Resp: 12683

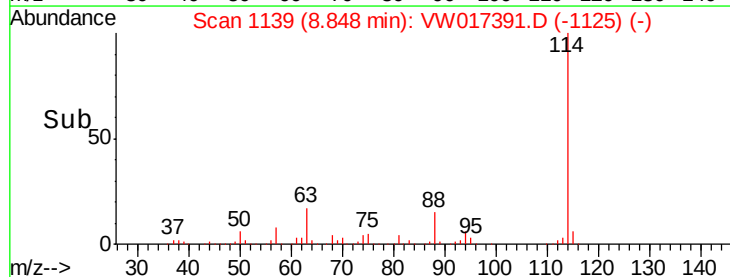
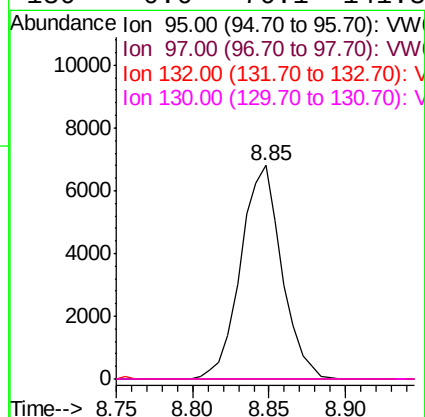
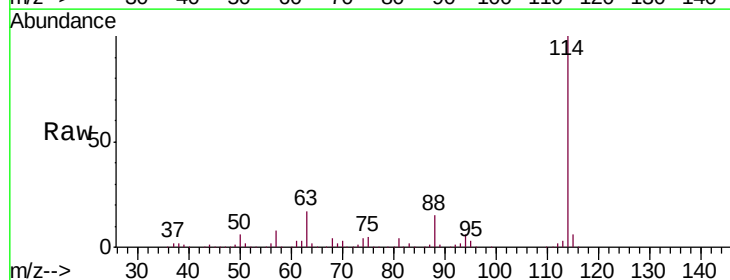
Ion Ratio Lower Upper

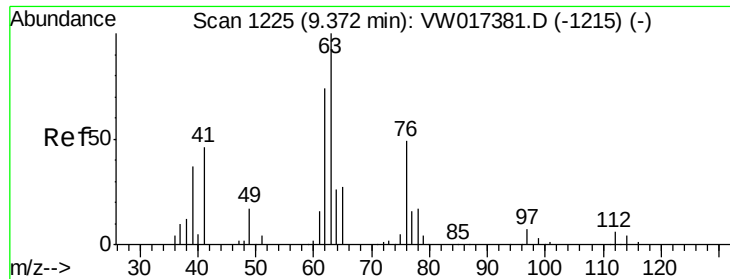
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.6 76.1 141.3#

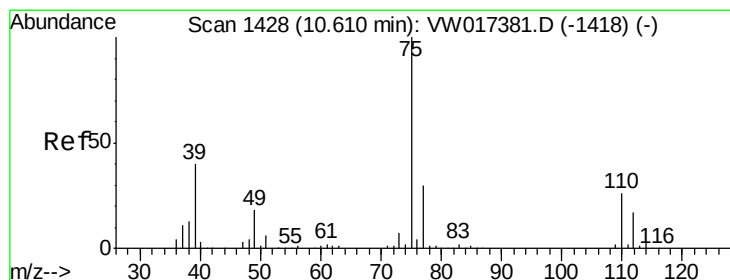
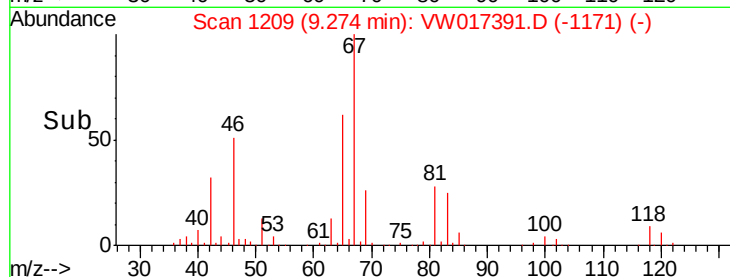
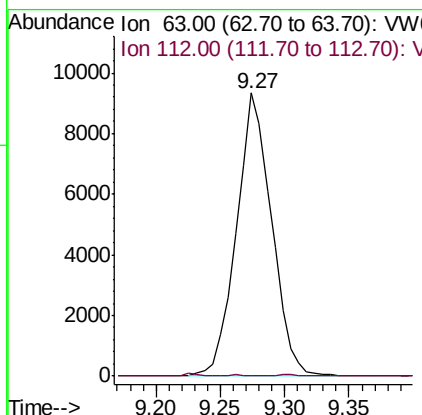
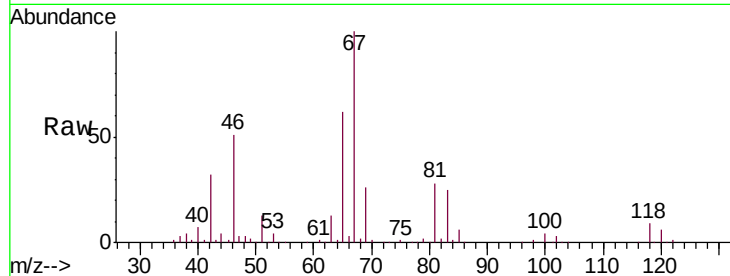




#40
 1,2-Dichloropropane
 Concen: 3.526 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017391.D
 Acq: 19 Nov 2020 23:56

Instrument :
 MSVOA_W
 ClientSampleID :
 C0BD5

Tgt Ion: 63 Resp: 17613
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.418 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW017391.D
 Acq: 19 Nov 2020 23:56

Tgt Ion: 75 Resp: 2745
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.0 40.8#

