

Data File : VW017412.D
Acq On : 20 Nov 2020 13:14
Operator : SY/VA
Sample : L4751-15
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 21 00:32:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316336	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103119	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
7) Chloroethane-d5	2.89	69	86049	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.02	63	136379	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.08	46	39330	51.14	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.28%
24) Chloroform-d	7.65	84	197806	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.31	65	98957	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	8.27	84	391484	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.28	67	106169	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.32	98	366974	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.36%
38) trans-1,3-Dichloropropene-	10.58	79	44480	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	31401	53.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87795	26.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	134258	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

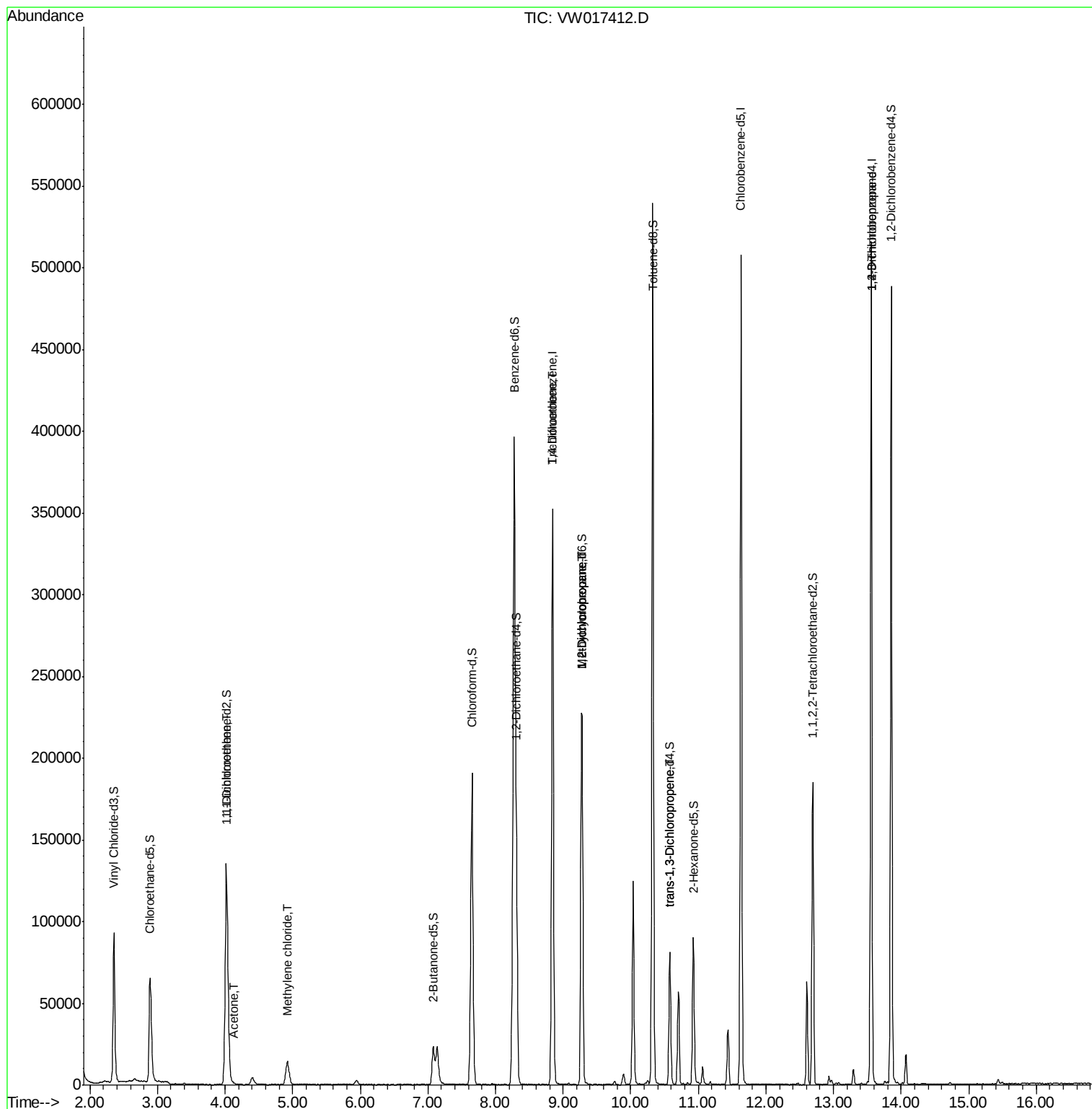
					Qvalue
12) 1,1-Dichloroethene	4.03	96	1302	0.313 ug/L #	1
13) Acetone	4.14	43	296	0.527 ug/L	99
16) Methylene chloride	4.92	84	12913	2.386 ug/L	98
35) Trichloroethene	8.85	95	9156	1.955 ug/L #	2
36) Methylcyclohexane	9.28	83	28428	3.799 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	12794	3.416 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2288	0.465 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	14648	6.346 ug/L	99

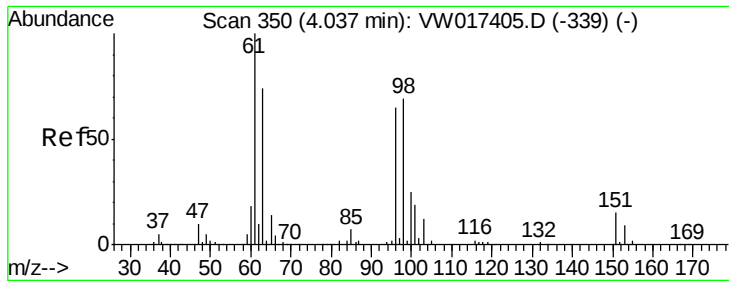
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017412.D
Acq On : 20 Nov 2020 13:14
Operator : SY/VA
Sample : L4751-15
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 21 00:32:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.313 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017412.D

Acq: 20 Nov 2020 13:14

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

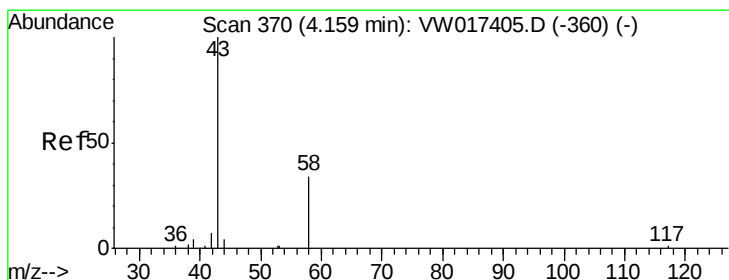
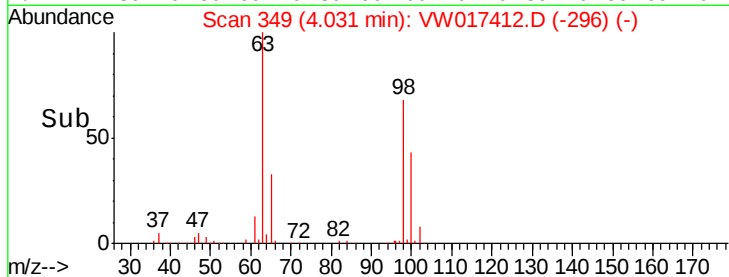
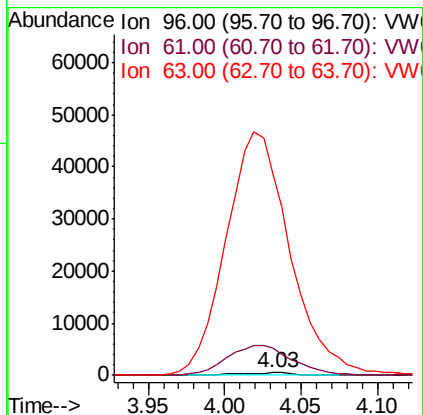
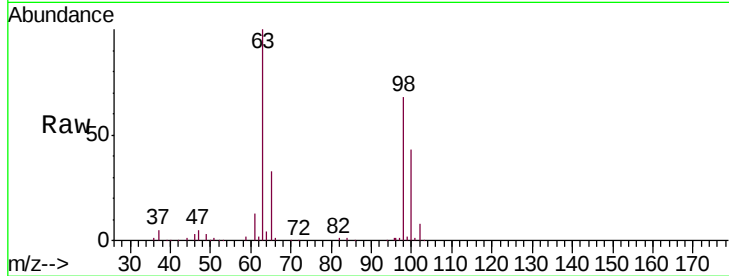
Tgt Ion: 96 Resp: 1302

Ion Ratio Lower Upper

96 100

61 1038.3 104.7 194.4#

63 7838.1 69.6 129.2#



#13

Acetone

Concen: 0.527 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.02 min

Lab File: VW017412.D

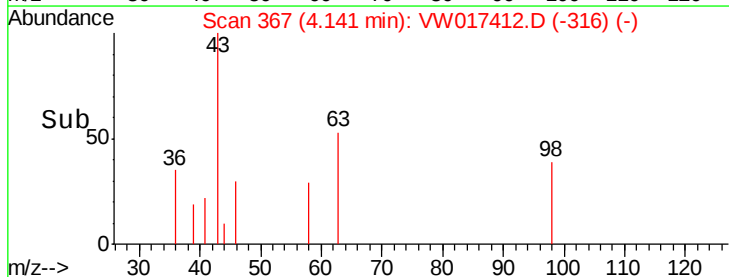
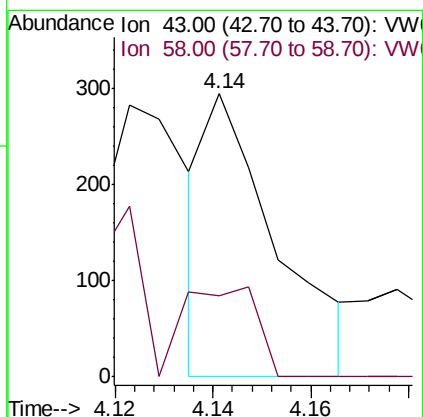
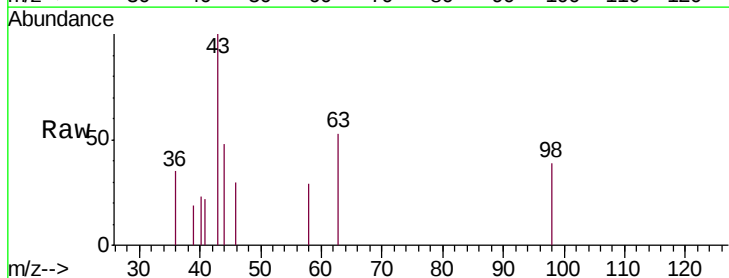
Acq: 20 Nov 2020 13:14

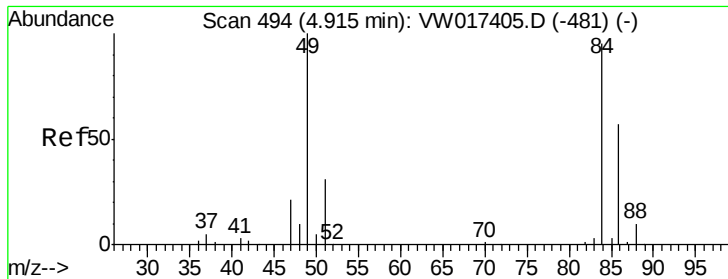
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.0

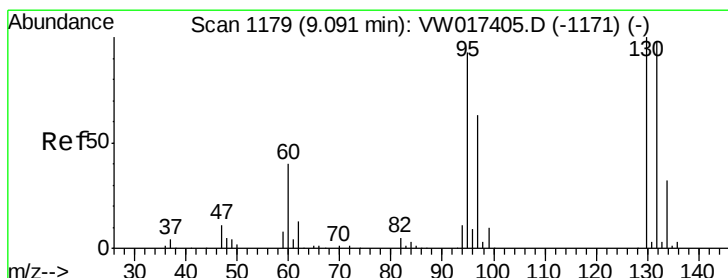
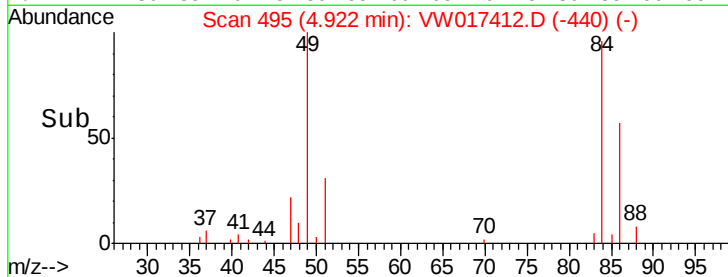
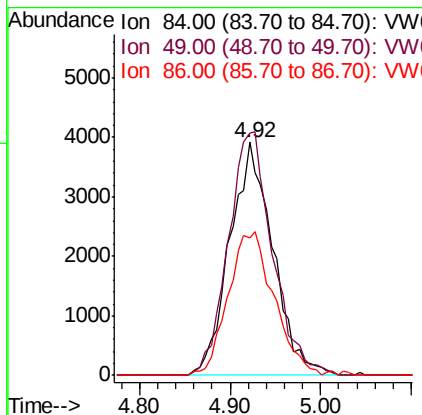
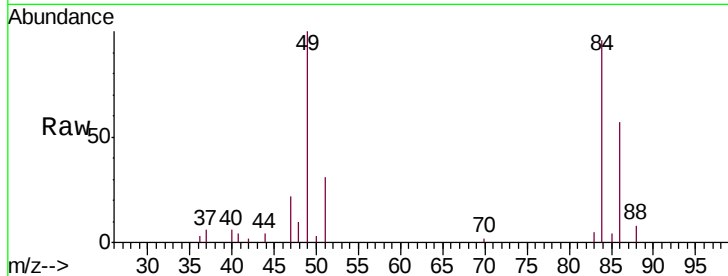




#16
Methylene chloride
Concen: 2.386 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017412.D
Acq: 20 Nov 2020 13:14

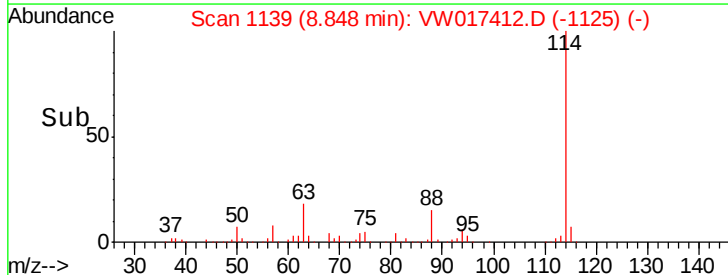
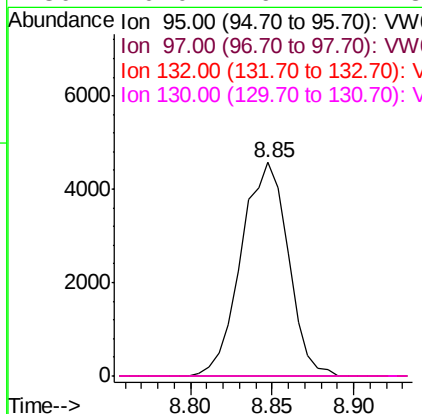
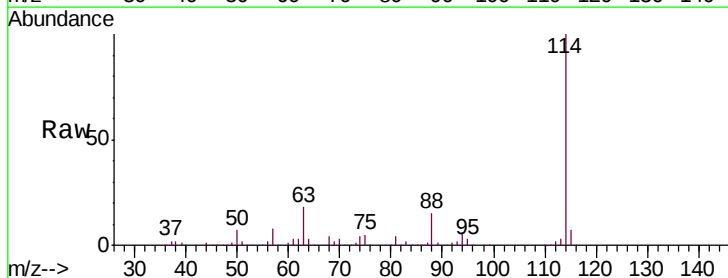
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

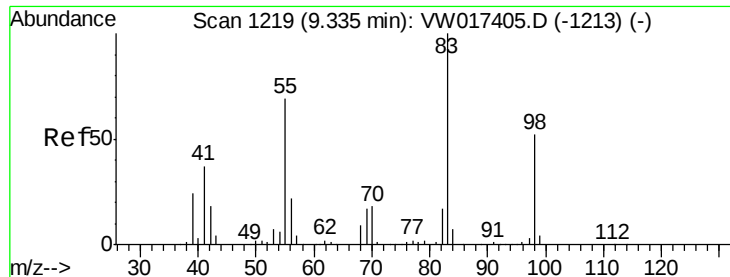
Tgt Ion: 84 Resp: 12913
Ion Ratio Lower Upper
84 100
49 104.1 71.5 132.9
86 59.1 42.8 79.4



#35
Trichloroethene
Concen: 1.955 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017412.D
Acq: 20 Nov 2020 13:14

Tgt Ion: 95 Resp: 9156
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 72.7 134.9#
130 0.0 76.1 141.3#

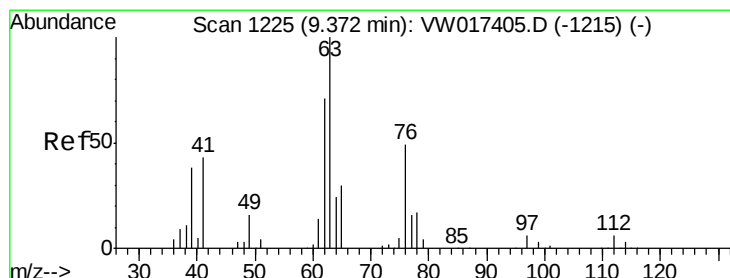
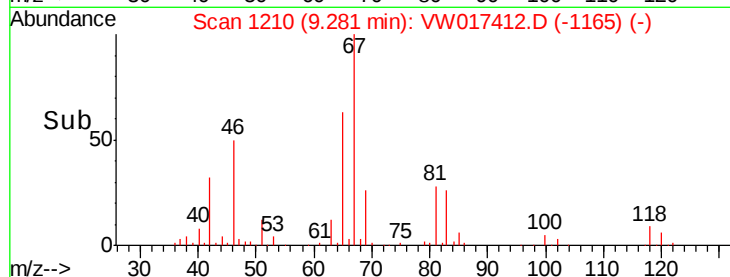
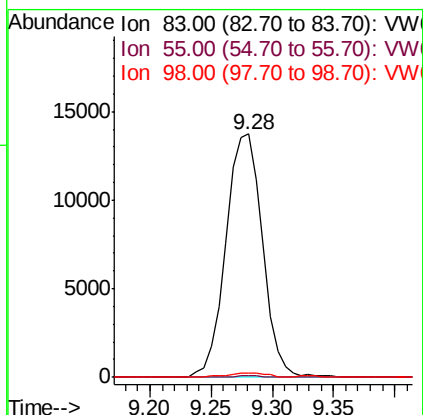
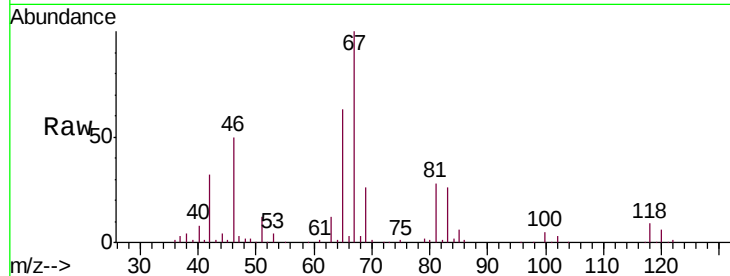




#36
Methylcyclohexane
Concen: 3.799 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017412.D
Acq: 20 Nov 2020 13:14

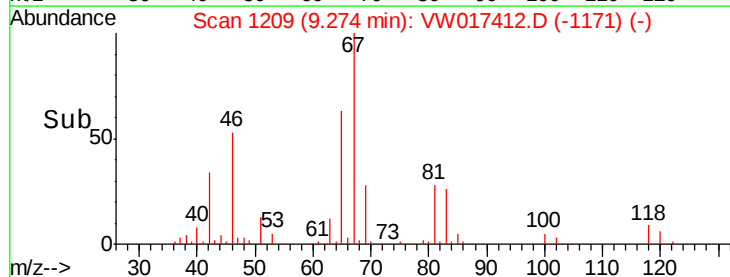
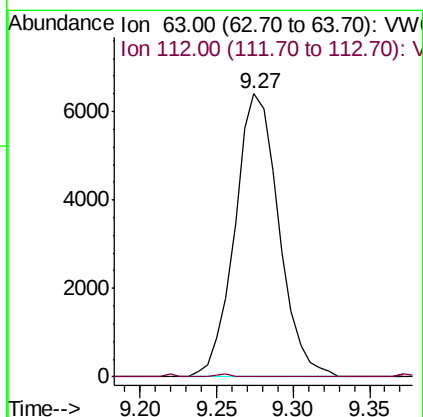
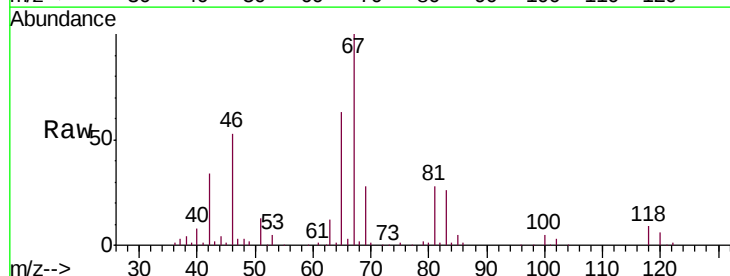
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

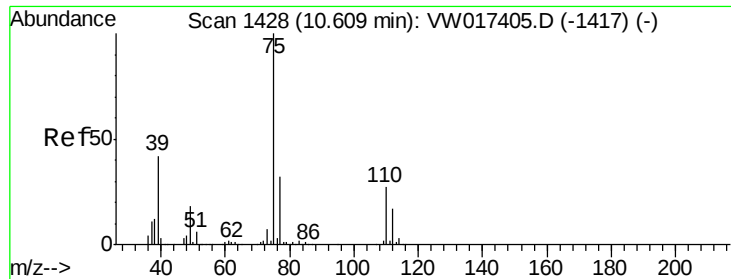
Tgt Ion: 83 Resp: 28428
Ion Ratio Lower Upper
83 100
55 0.4 54.6 81.8#
98 1.9 41.5 62.3#



#40
1,2-Dichloropropane
Concen: 3.416 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017412.D
Acq: 20 Nov 2020 13:14

Tgt Ion: 63 Resp: 12794
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#





#45

trans-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017412.D

Acq: 20 Nov 2020 13:14

Instrument :

MSVOA_W

ClientSampleId :

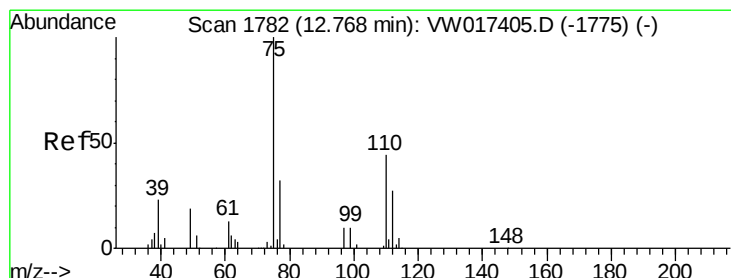
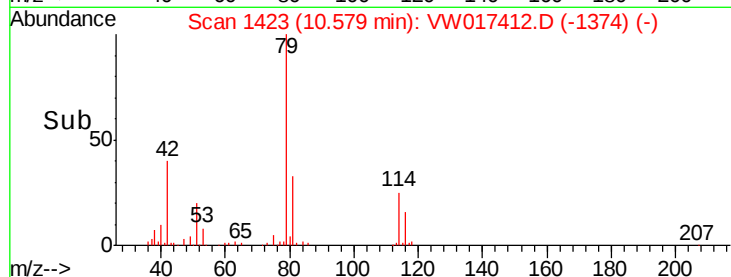
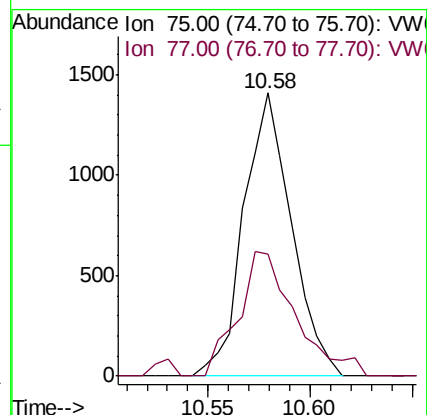
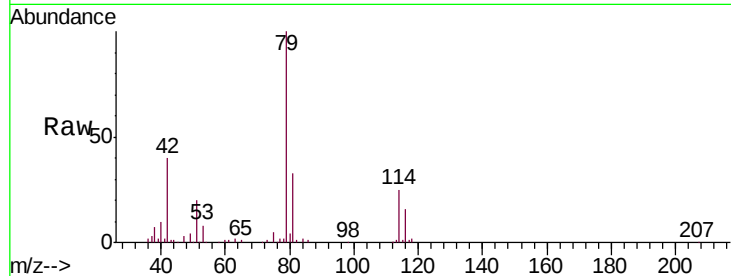
VHBLK01

Tgt Ion: 75 Resp: 2288

Ion Ratio Lower Upper

75 100

77 43.3 22.0 40.8#



#59

1,2,3-Trichloropropane

Concen: 6.346 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017412.D

Acq: 20 Nov 2020 13:14

Tgt Ion: 75 Resp: 14648

Ion Ratio Lower Upper

75 100

77 33.7 26.6 40.0

