

Data File : VW017433.D
Acq On : 20 Nov 2020 22:14
Operator : SY/VA
Sample : L4819-12
Misc : 3.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA7

Quant Time: Nov 21 02:28:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	260829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76799	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	67267	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.02	63	109090	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	7.08	46	30286	47.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.52%
24) Chloroform-d	7.65	84	153216	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.30	65	77587	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.72%
29) Benzene-d6	8.27	84	299396	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	81152	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.28%
37) Toluene-d8	10.32	98	285445	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.88%
38) trans-1,3-Dichloropropene-	10.58	79	34264	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	23918	50.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66551	24.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	107310	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

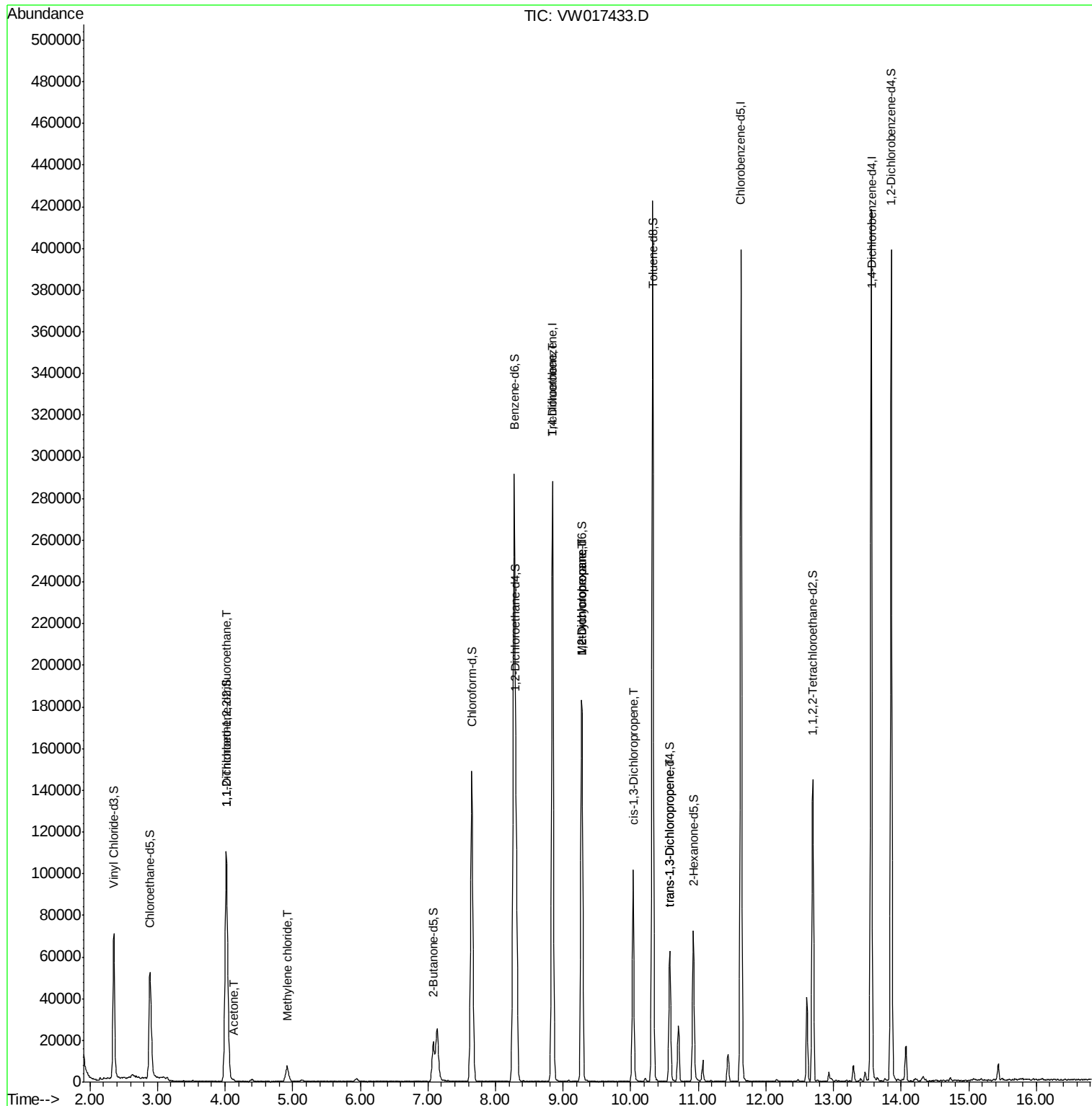
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	955	0.267	ug/L #	16
13) Acetone	4.13	43	805	1.740	ug/L	54
16) Methylene chloride	4.92	84	5764	1.292	ug/L	94
35) Trichloroethene	8.85	95	7443	1.967	ug/L #	2
36) Methylcyclohexane	9.27	83	22036	3.646	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	9758	3.226	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2922	0.622	ug/L #	78
45) trans-1,3-Dichloropropene	10.58	75	1741	0.438	ug/L	87

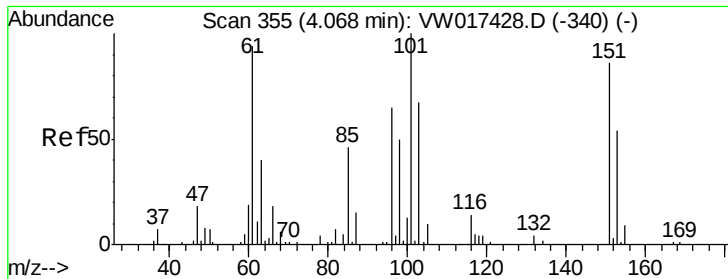
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017433.D
Acq On : 20 Nov 2020 22:14
Operator : SY/VA
Sample : L4819-12
Misc : 3.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA7

Quant Time: Nov 21 02:28:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.267 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017433.D

Acq: 20 Nov 2020 22:14

Instrument :

MSVOA_W

ClientSampleId :

C0BA7

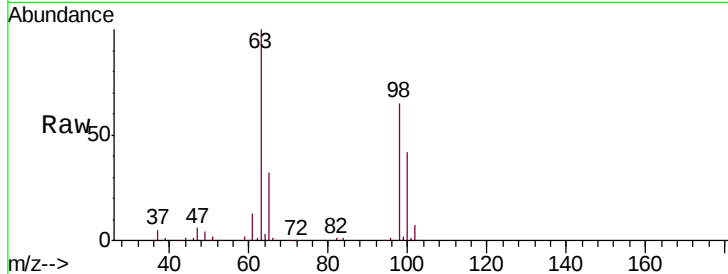
Tgt Ion: 101 Resp: 955

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

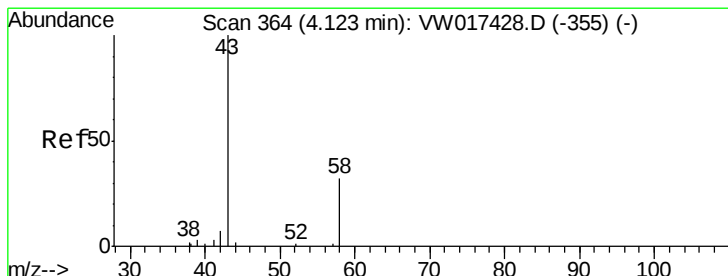
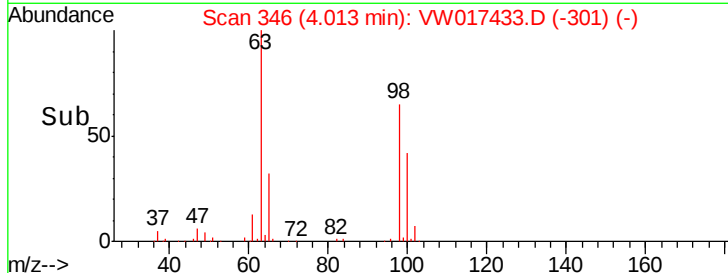
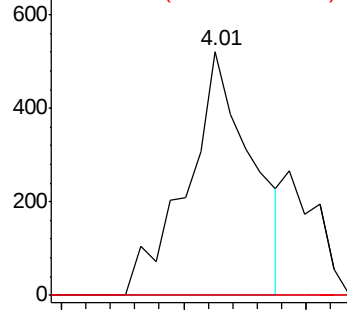
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.740 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017433.D

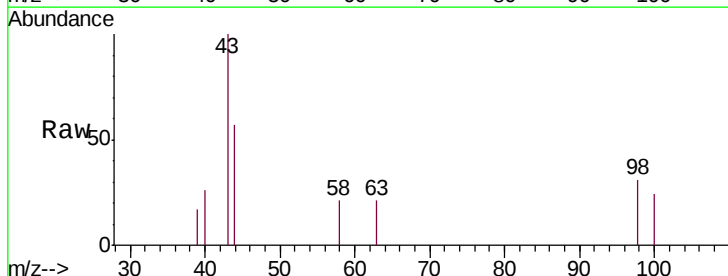
Acq: 20 Nov 2020 22:14

Tgt Ion: 43 Resp: 805

Ion Ratio Lower Upper

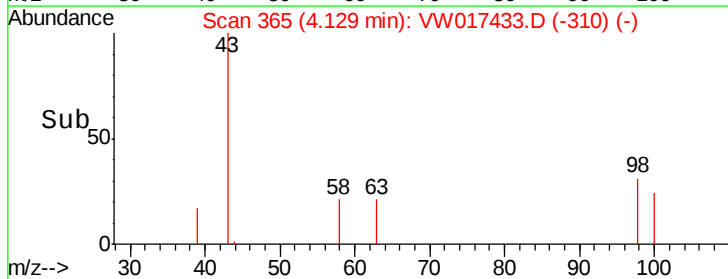
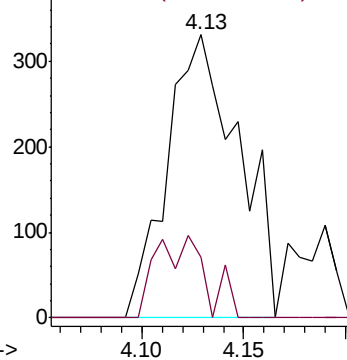
43 100

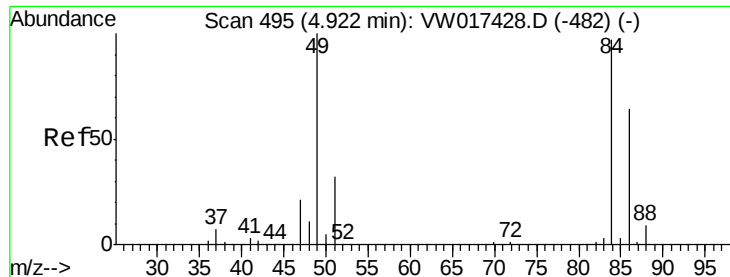
58 7.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

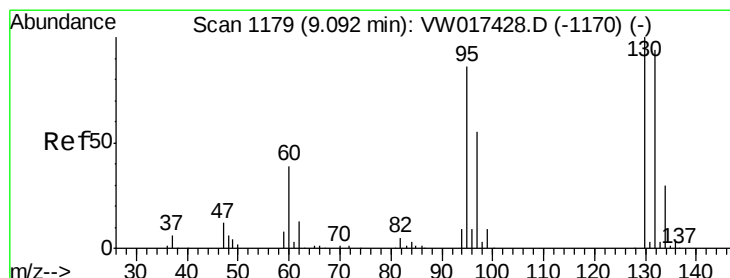
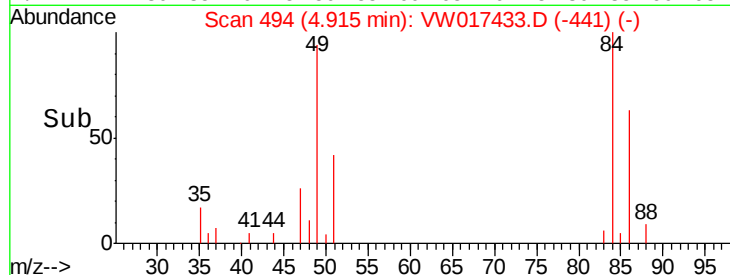
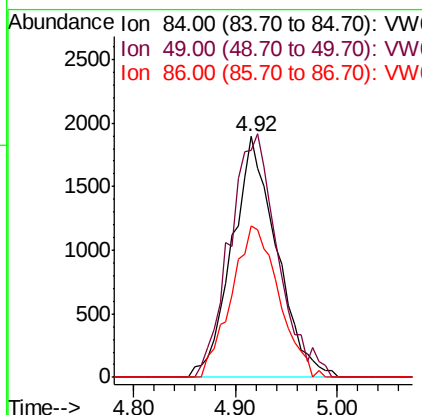
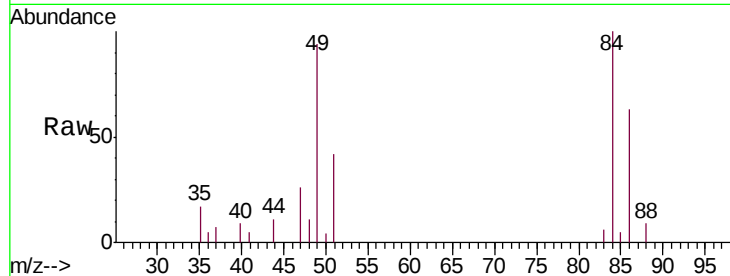




#16
Methylene chloride
Concen: 1.292 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017433.D
Acq: 20 Nov 2020 22:14

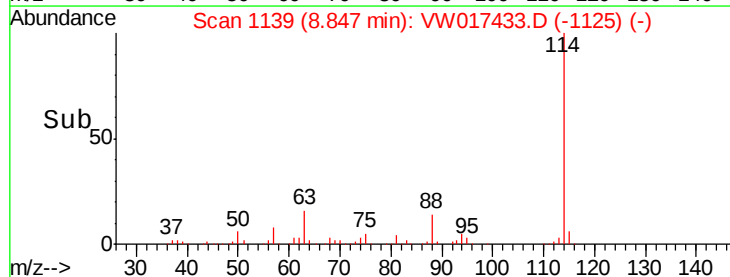
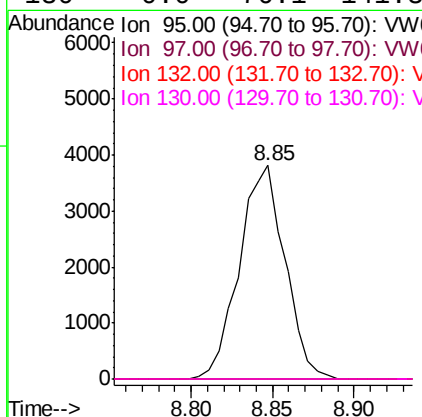
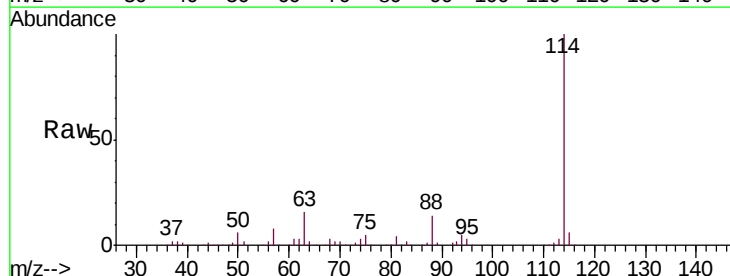
Instrument :
MSVOA_W
ClientSampleId :
C0BA7

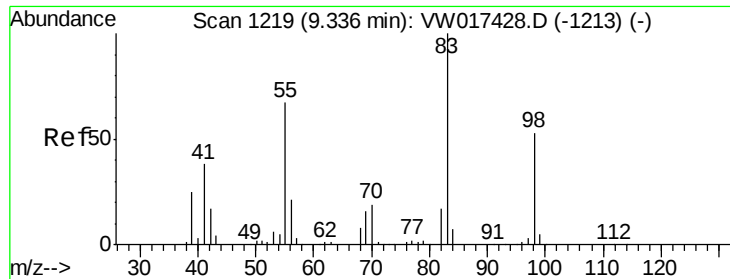
Tgt Ion: 84 Resp: 5764
Ion Ratio Lower Upper
84 100
49 94.2 71.5 132.9
86 62.7 42.8 79.4



#35
Trichloroethene
Concen: 1.967 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017433.D
Acq: 20 Nov 2020 22:14

Tgt Ion: 95 Resp: 7443
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#

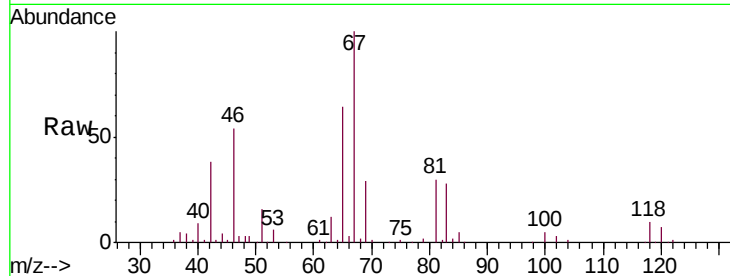




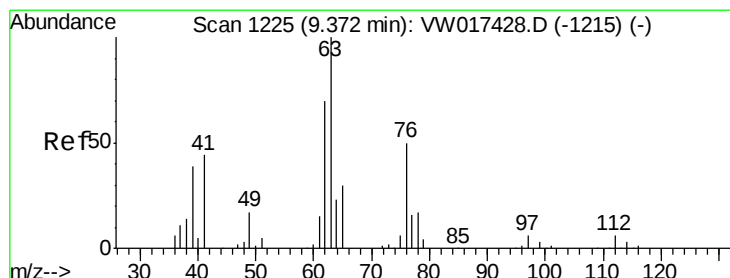
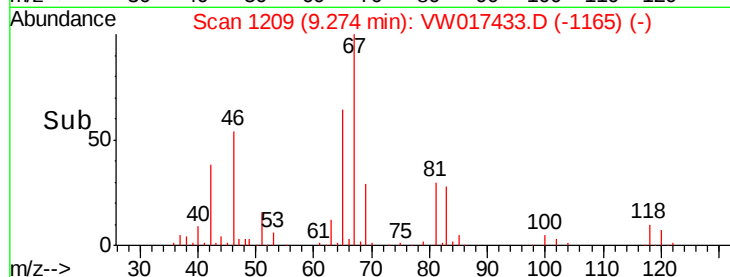
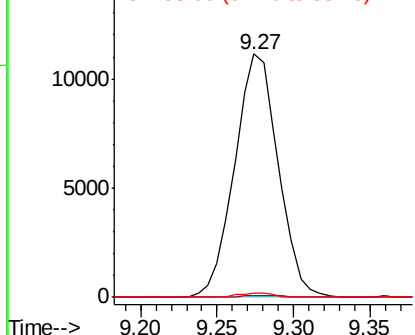
#36
Methylcyclohexane
Concen: 3.646 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017433.D
Acq: 20 Nov 2020 22:14

Instrument :
MSVOA_W
ClientSampleId :
C0BA7

Tgt Ion: 83 Resp: 22036
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 0.5 41.5 62.3#

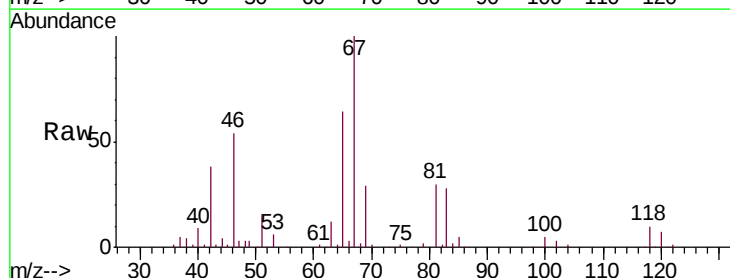


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

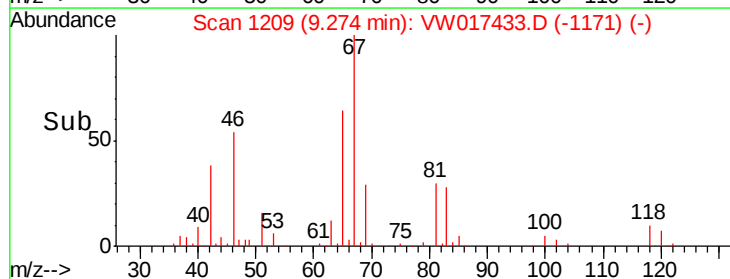
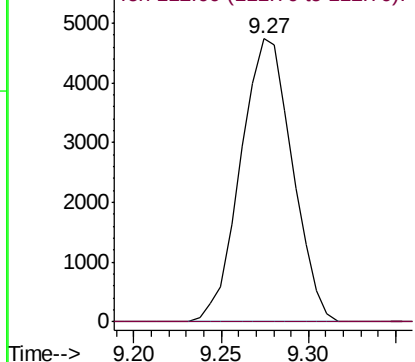


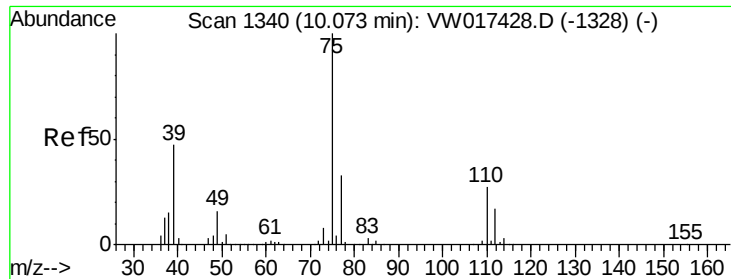
#40
1,2-Dichloropropane
Concen: 3.226 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017433.D
Acq: 20 Nov 2020 22:14

Tgt Ion: 63 Resp: 9758
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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: 0.622 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017433.D

Acq: 20 Nov 2020 22:14

Instrument :

MSVOA_W

ClientSampled :

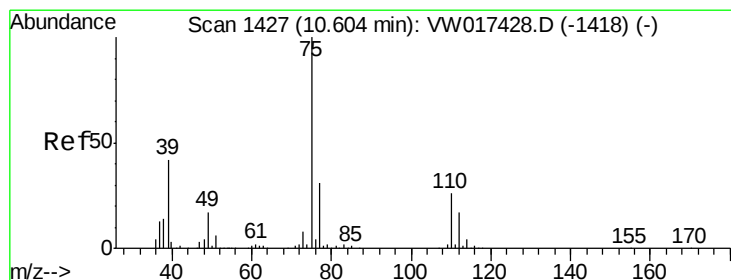
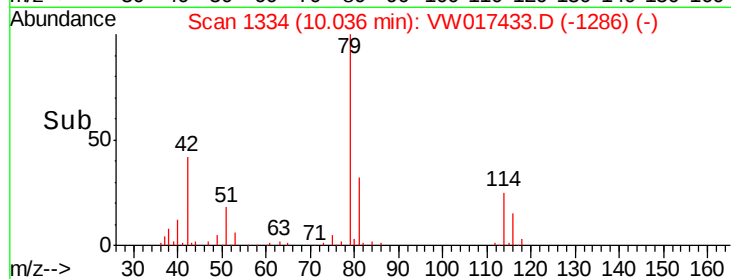
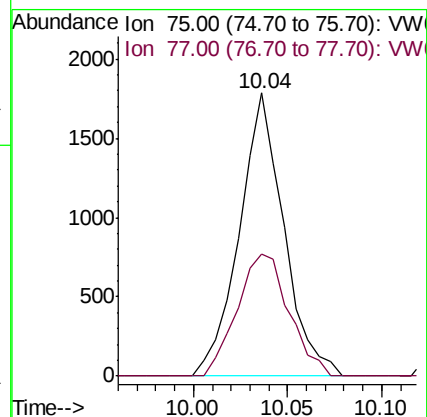
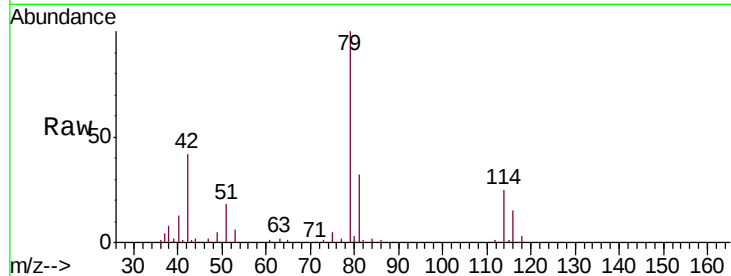
C0BA7

Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 43.3 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.438 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017433.D

Acq: 20 Nov 2020 22:14

Tgt Ion: 75 Resp: 1741

Ion Ratio Lower Upper

75 100

77 38.4 22.0 40.8

