

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016970.D
 Acq On : 22 Oct 2020 15:24
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Oct 23 02:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467971	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437095	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205790	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121406	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
7) Chloroethane-d5	2.89	69	93821	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
10) 1,1-Dichloroethene-d2	4.02	63	175459	16.70	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.09	46	60431	59.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.80%
24) Chloroform-d	7.65	84	244207	22.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	8.31	65	126315	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.44%
29) Benzene-d6	8.28	84	515060	22.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.76%
33) 1,2-Dichloropropane-d6	9.28	67	140753	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.88%
37) Toluene-d8	10.33	98	485478	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.88%
38) trans-1,3-Dichloropropene-	10.58	79	60729	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.44%
39) 2-Hexanone-d5	10.93	63	50027	58.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120970	26.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	181436	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

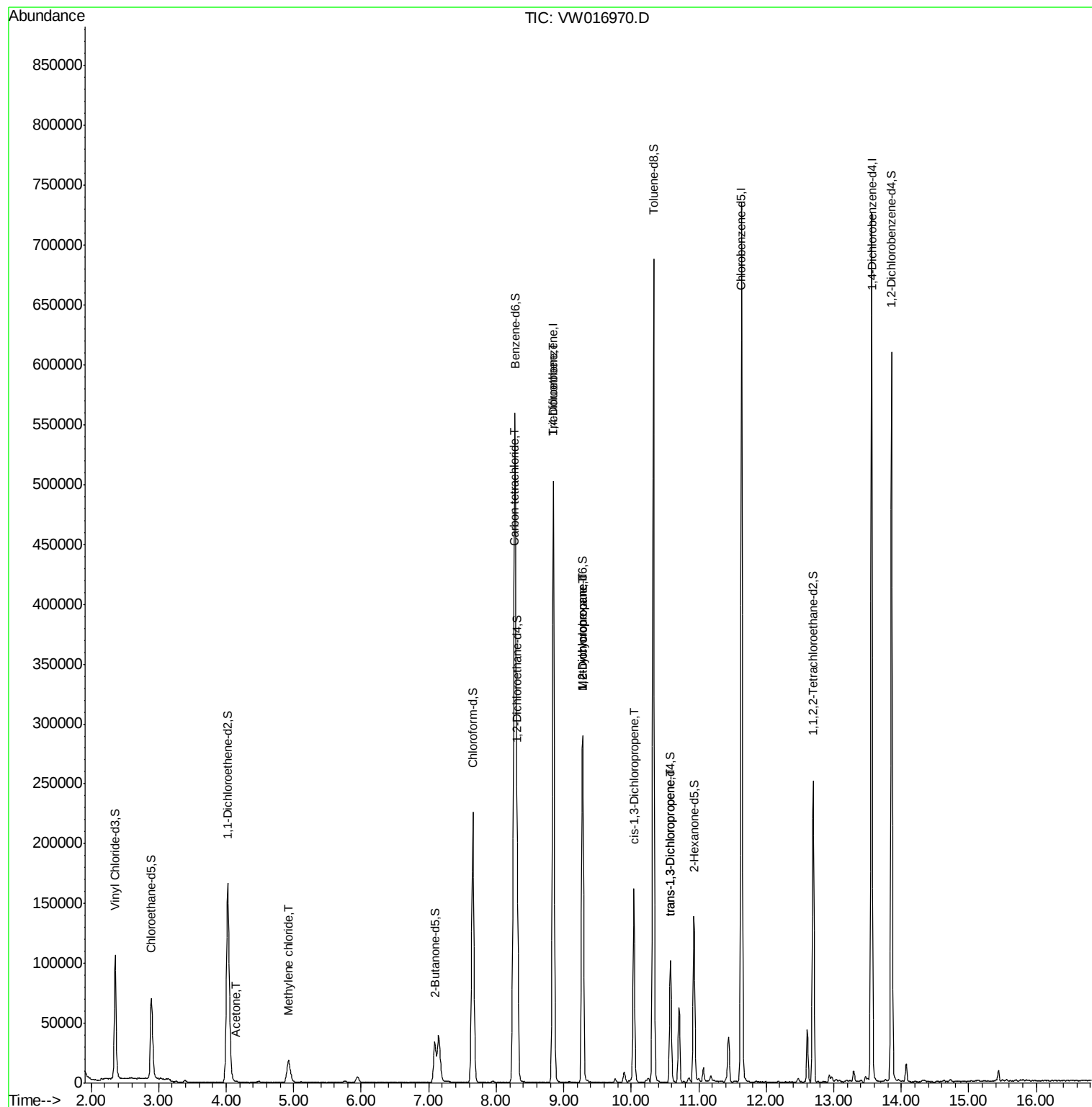
					Ovalue
13) Acetone	4.15	43	536	0.783 ug/L	69
16) Methylene chloride	4.93	84	17329	2.801 ug/L	91
32) Carbon tetrachloride	8.26	117	2766	0.305 ug/L #	16
35) Trichloroethene	8.85	95	13494	2.018 ug/L #	1
36) Methylcyclohexane	9.28	83	36329	3.235 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	15149	2.809 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4209	0.499 ug/L #	71
45) trans-1,3-Dichloropropene	10.59	75	2568	0.368 ug/L	92

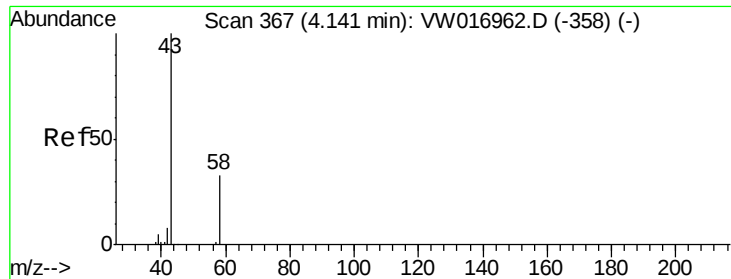
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 22 12:40:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.783 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016970.D

Acq: 22 Oct 2020 15:24

Instrument :

MSVOA_W

ClientSampleId :

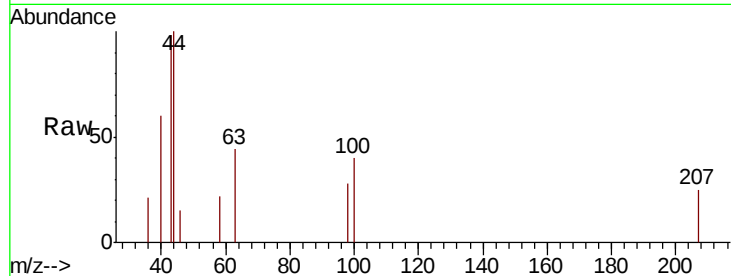
VIBLK21

Tot Ion: 43 Resp: 536

Ion Ratio Lower Upper

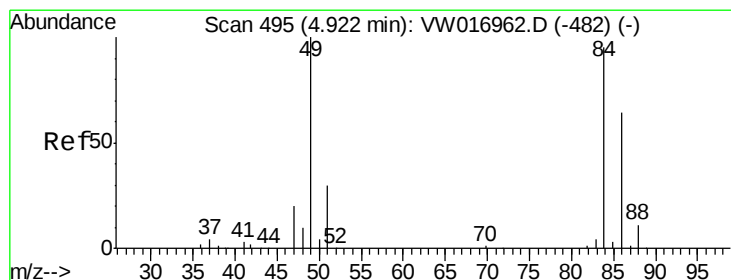
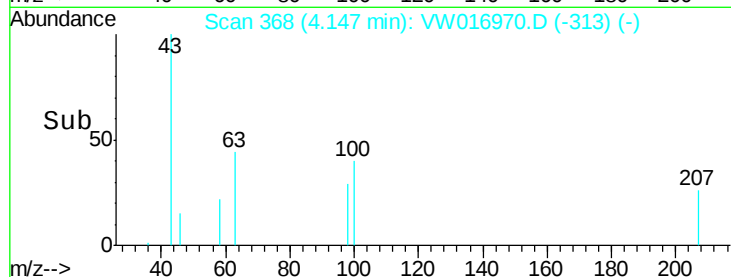
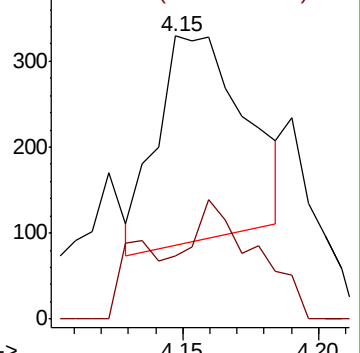
43 100

58 16.8 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.801 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016970.D

Acq: 22 Oct 2020 15:24

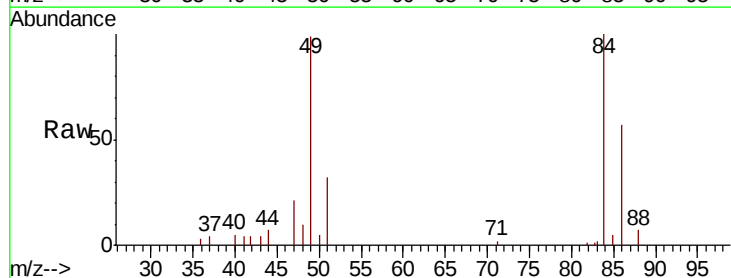
Tgt Ion: 84 Resp: 17329

Ion Ratio Lower Upper

84 100

49 99.0 73.8 137.0

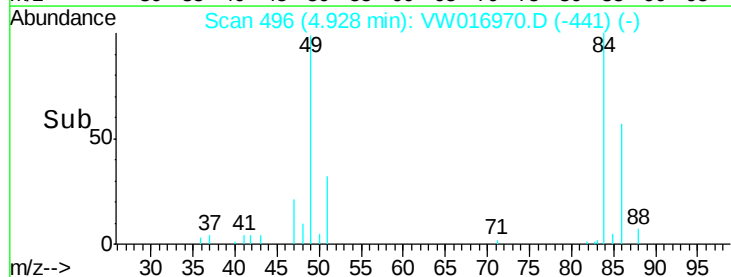
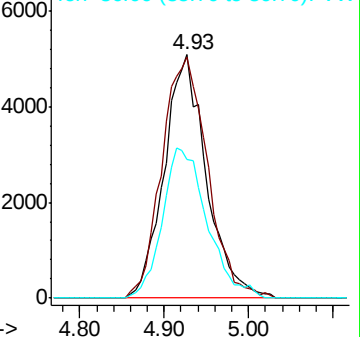
86 56.7 47.4 88.0

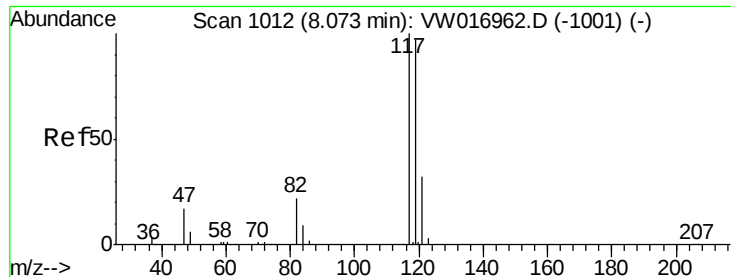


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

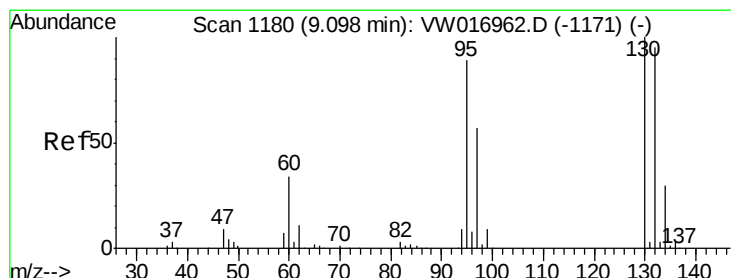
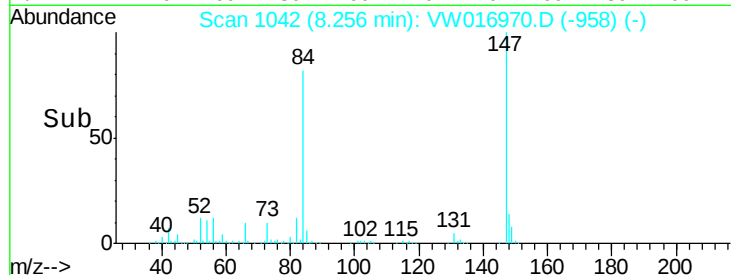
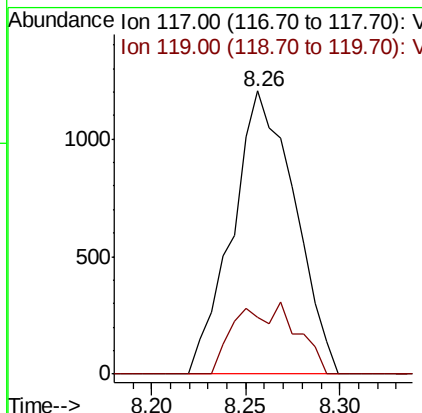
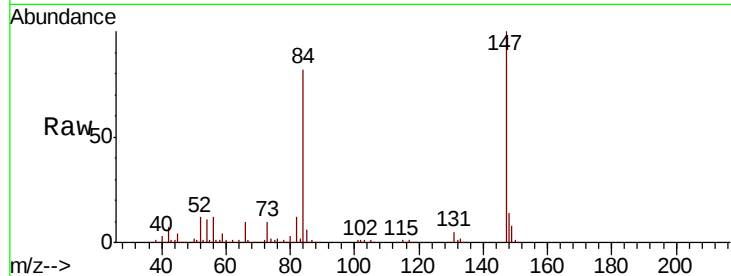




#32
Carbon tetrachloride
Concen: 0.305 ug/L
RT: 8.26 min Scan# 1042
Delta R.T. 0.18 min
Lab File: VW016970.D
Acq: 22 Oct 2020 15:24

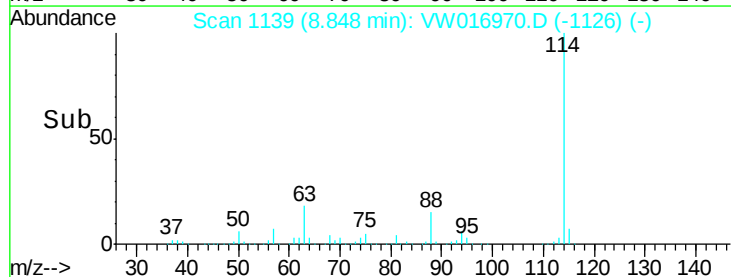
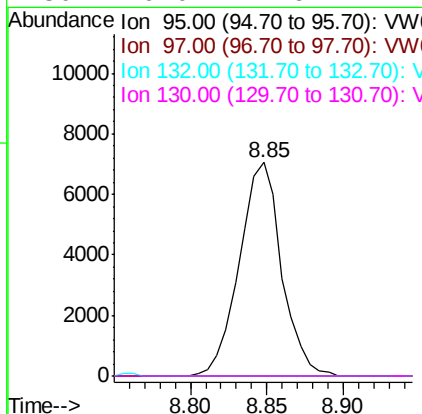
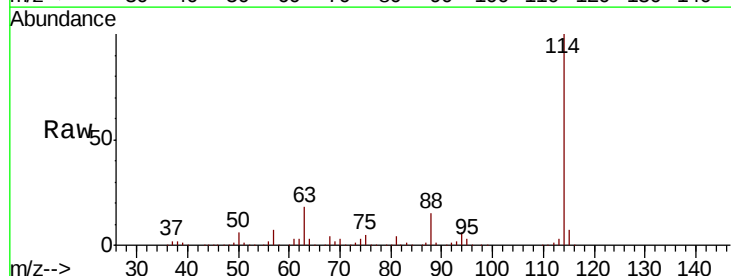
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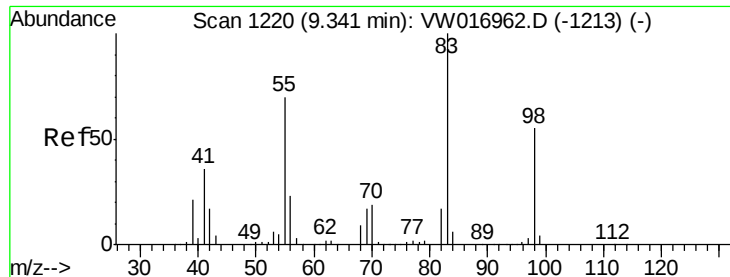
Tot Ion:117 Resp: 2766
Ion Ratio Lower Upper
117 100
119 14.5 78.0 117.0#



#35
Trichloroethene
Concen: 2.018 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016970.D
Acq: 22 Oct 2020 15:24

Tgt Ion: 95 Resp: 13494
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.9 137.3#
130 0.0 77.6 144.2#

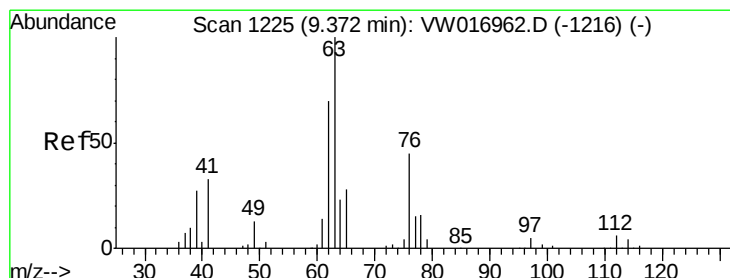
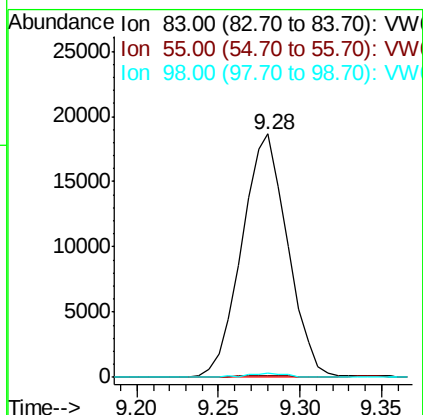
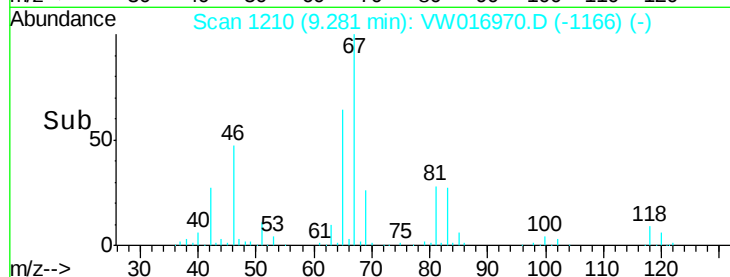
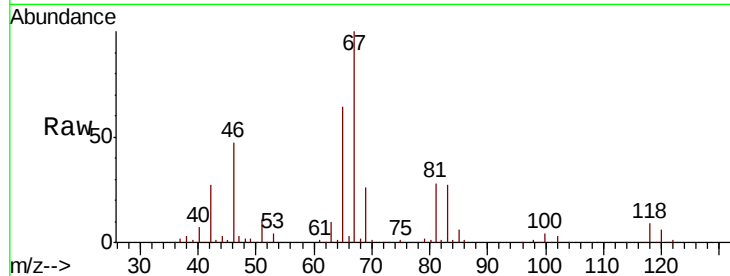




#36
Methvlcvclohexane
Concen: 3.235 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016970.D
Acq: 22 Oct 2020 15:24

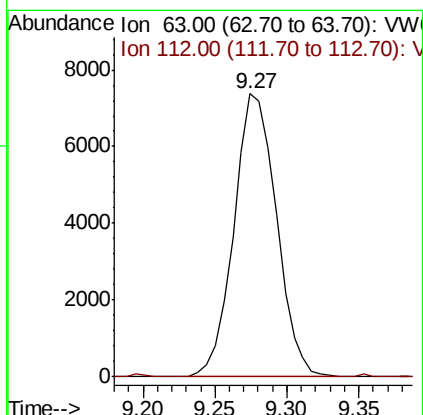
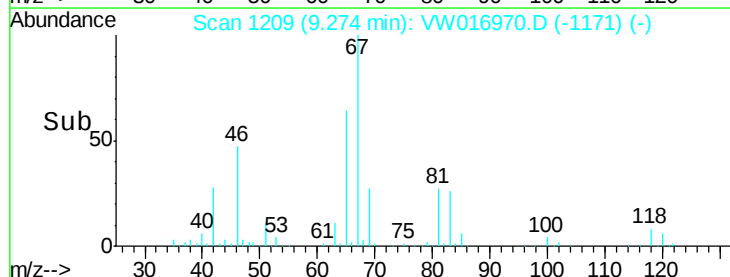
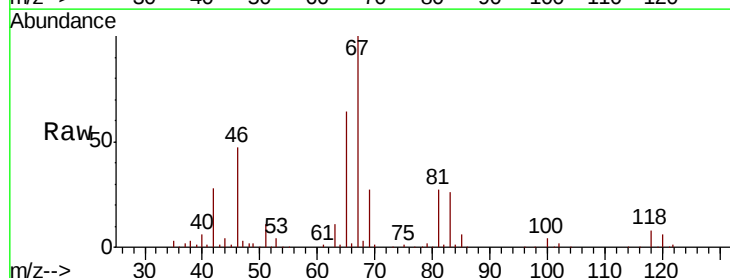
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VIBLK21

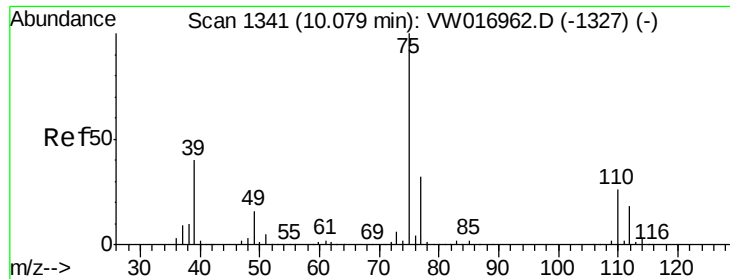
Tot Ion: 83 Resp: 36329
Ion Ratio Lower Upper
83 100
55 0.4 54.5 81.7#
98 1.6 40.8 61.2#



#40
1,2-Dichloropropane
Concen: 2.809 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016970.D
Acq: 22 Oct 2020 15:24

Tgt Ion: 63 Resp: 15149
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#

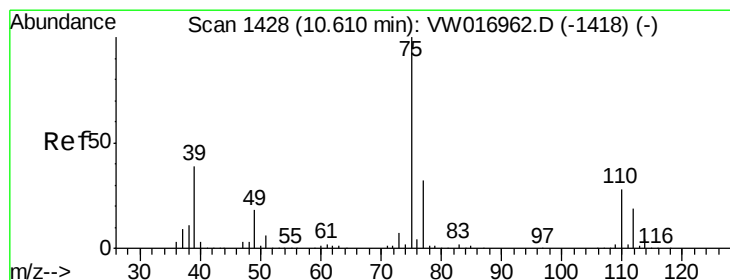
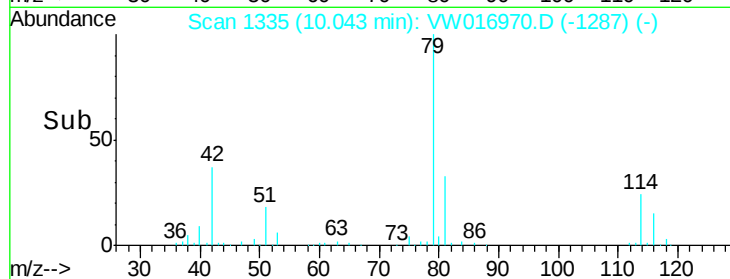
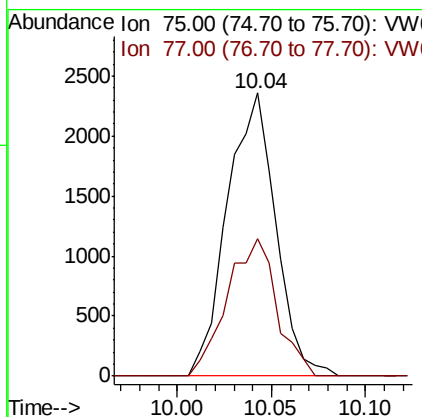
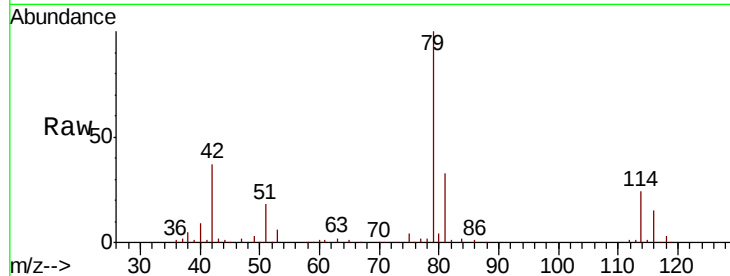




#42
 cis-1,3-Dichloropropene
 Concen: 0.499 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.04 min
 Lab File: VW016970.D
 Acq: 22 Oct 2020 15:24

Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK21

Tot Ion: 75 Resp: 4209
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.7 42.1#



#45
 trans-1,3-Dichloropropene
 Concen: 0.368 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW016970.D
 Acq: 22 Oct 2020 15:24

Tgt Ion: 75 Resp: 2568
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.7 42.3

