

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017149.D
 Acq On : 10 Nov 2020 18:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Nov 11 05:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	434038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140553	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	2.90	69	115630	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.80%
10) 1,1-Dichloroethene-d2	4.03	63	181453	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	7.08	46	63902	52.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.54%
24) Chloroform-d	7.65	84	272984	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.45	65	74	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	532402	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.28	67	152423	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.33	98	496781	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.58	79	62651	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	51213	50.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133276	26.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	187169	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds

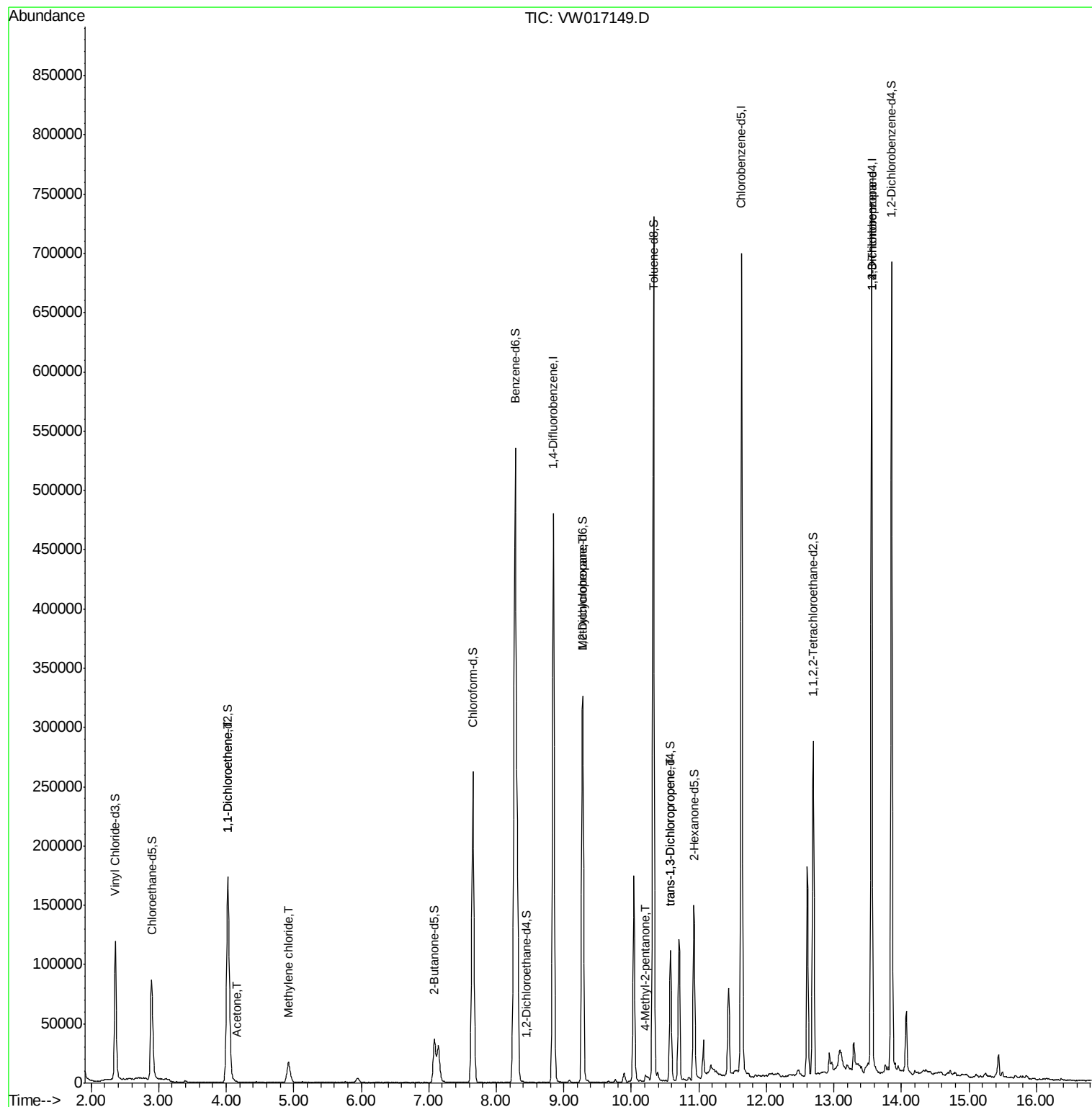
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1823	0.338 ug/L #	1
13) Acetone	4.15	43	646	0.789 ug/L	77
16) Methylene chloride	4.92	84	15239	2.604 ug/L	97
36) Methylcyclohexane	9.28	83	39502	4.083 ug/L #	22
43) 4-Methyl-2-pentanone	10.22	43	3653	1.180 ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	2964	0.434 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	21087	5.871 ug/L	95

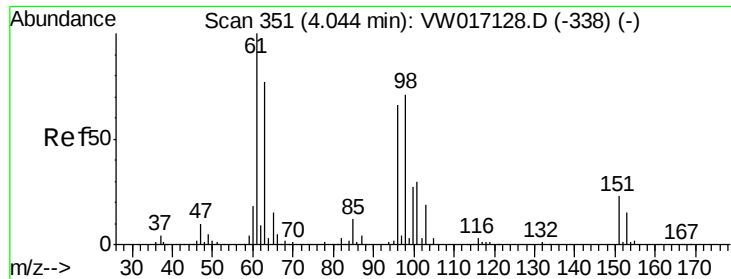
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017149.D

Acq: 10 Nov 2020 18:45

Instrument :

MSVOA_W

ClientSampled :

VIBLK21

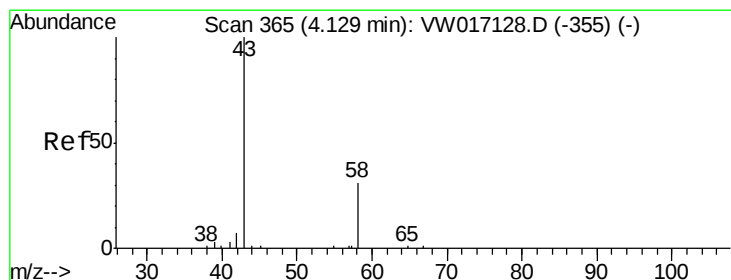
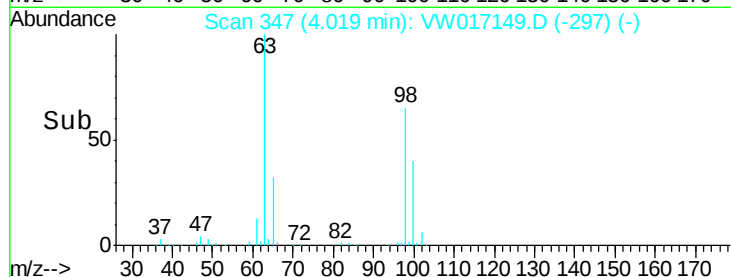
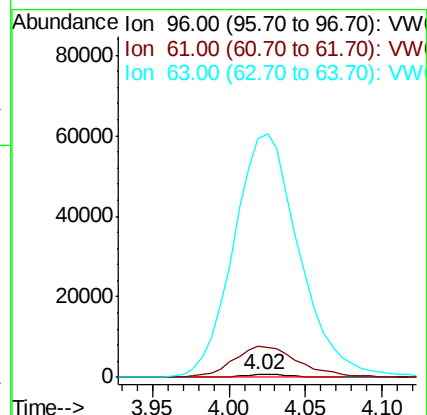
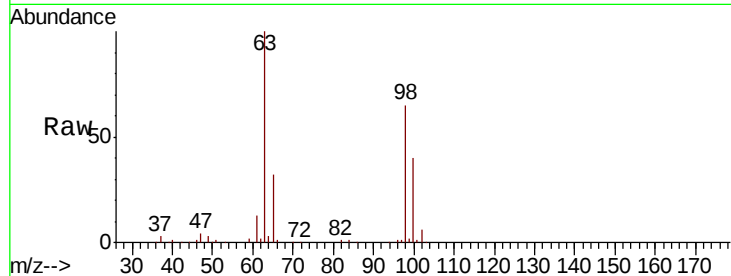
Tot Ion: 96 Resp: 1823

Ion Ratio Lower Upper

96 100

61 1119.2 103.8 192.8#

63 8706.0 84.4 156.7#



#13

Acetone

Concen: 0.789 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW017149.D

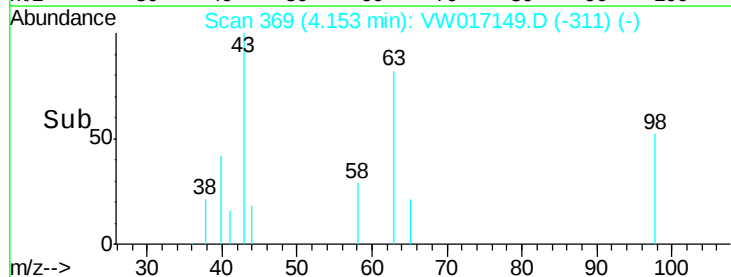
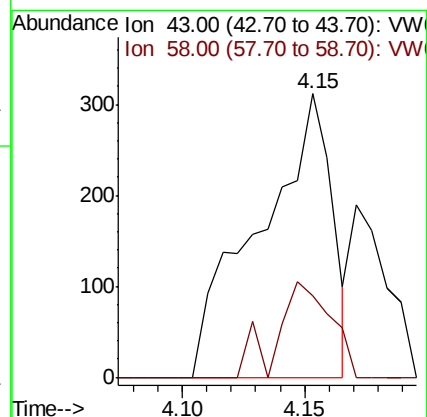
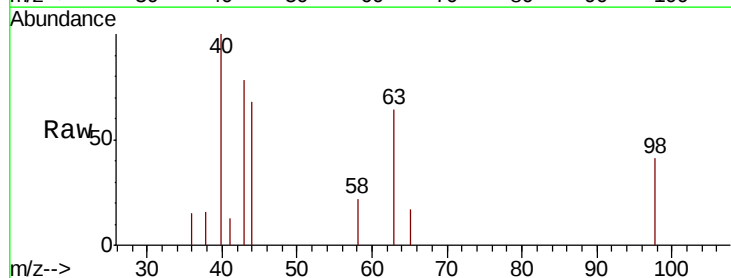
Acq: 10 Nov 2020 18:45

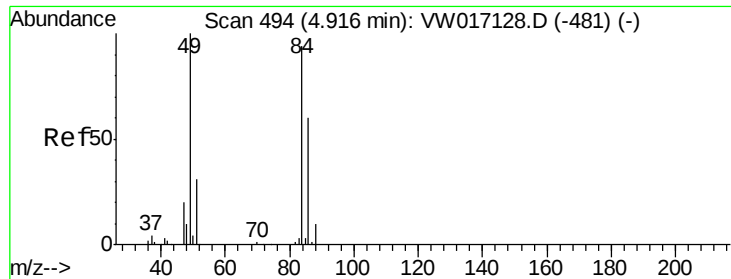
Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

58 21.4 0.0 69.2

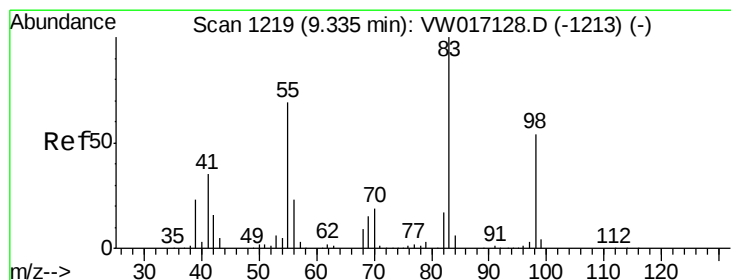
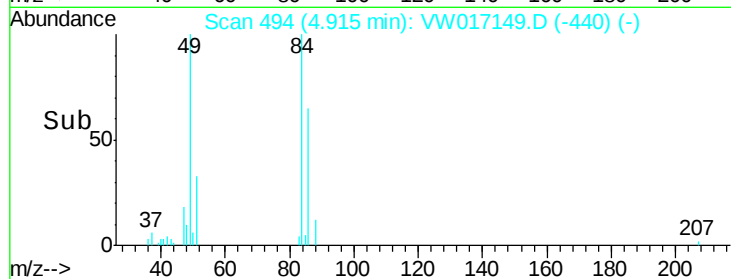
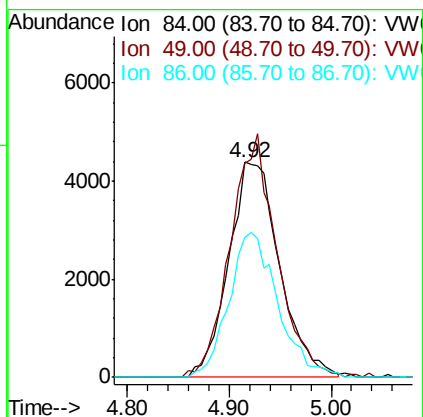
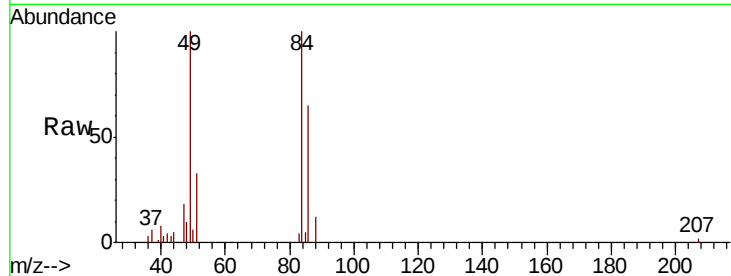




#16
Methvlene chloride
Concen: 2.604 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

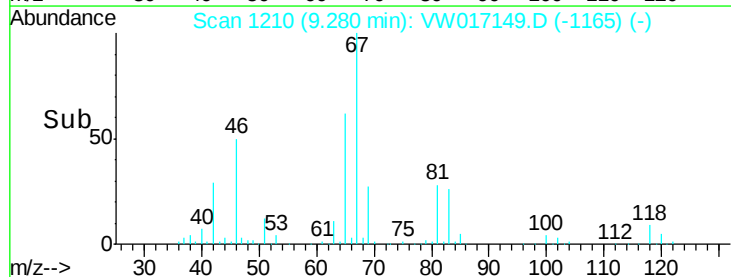
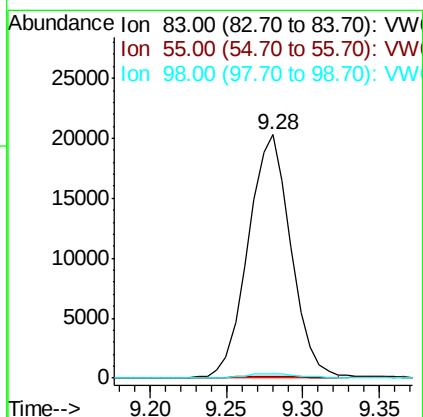
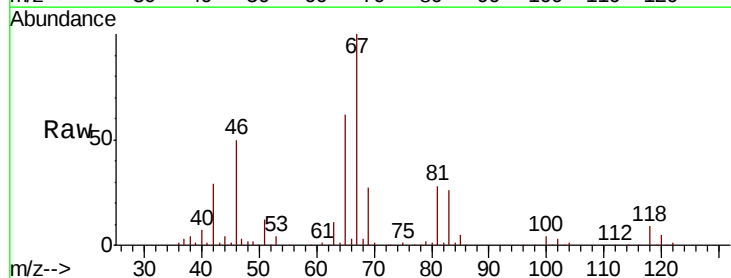
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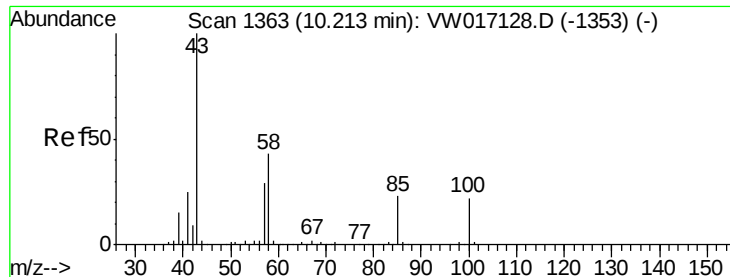
Tot Ion: 84 Resp: 15239
Ion Ratio Lower Upper
84 100
49 99.8 72.3 134.3
86 65.3 45.1 83.7



#36
Methylcyclohexane
Concen: 4.083 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

Tgt Ion: 83 Resp: 39502
Ion Ratio Lower Upper
83 100
55 0.6 54.4 81.6#
98 2.0 40.5 60.7#

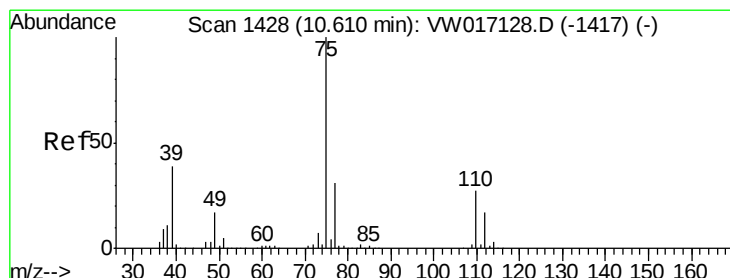
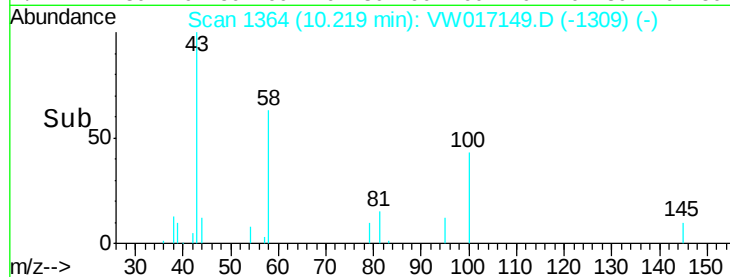
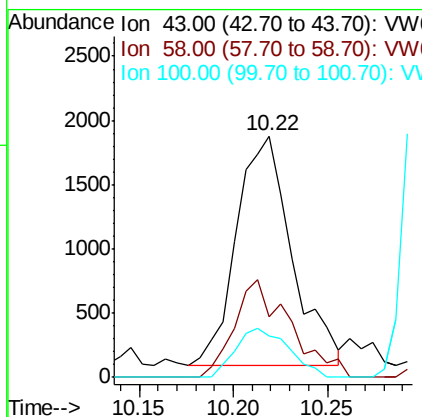
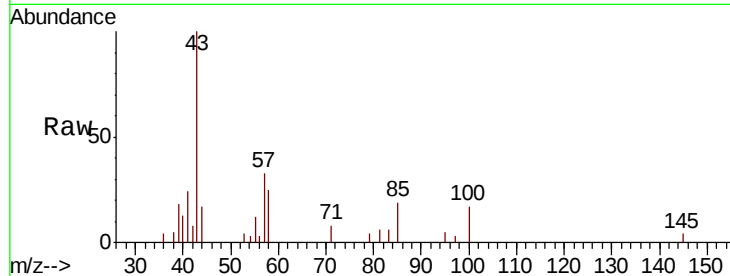




#43
4-Methyl-2-pentanone
Concen: 1.180 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

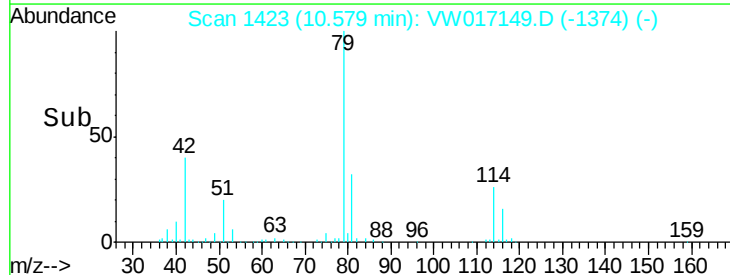
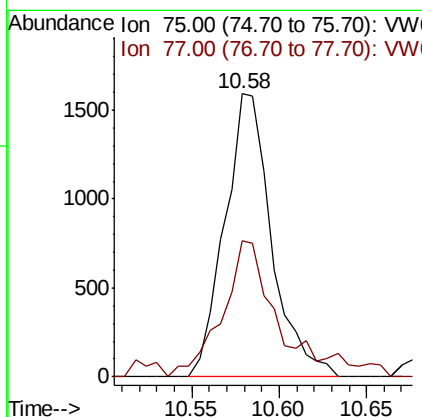
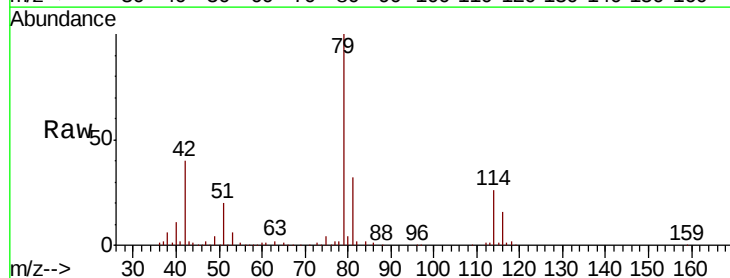
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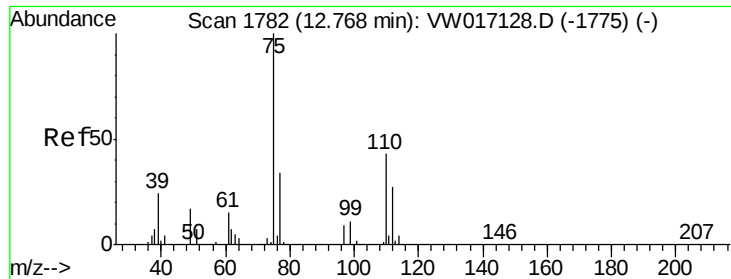
Tot Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 26.0 35.0 52.6#
100 20.3 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.434 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

Tgt Ion: 75 Resp: 2964
Ion Ratio Lower Upper
75 100
77 48.1 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.871 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017149.D

Acq: 10 Nov 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

VIBLK21

Tot Ion: 75 Resp: 21087

Ion Ratio Lower Upper

75 100

77 35.9 26.4 39.6

