

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017170.D
 Acq On : 11 Nov 2020 17:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

Quant Time: Nov 12 03:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406443	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385608	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134815	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.90	69	112072	28.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.64%
10) 1,1-Dichloroethene-d2	4.03	63	172178	18.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.20%
20) 2-Butanone-d5	7.09	46	59888	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
24) Chloroform-d	7.65	84	265715	28.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	8.31	65	135910	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.24%
29) Benzene-d6	8.28	84	514111	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	9.28	67	145059	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	474120	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.58	79	58455	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	47224	49.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126980	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	180794	28.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.72%

Target Compounds

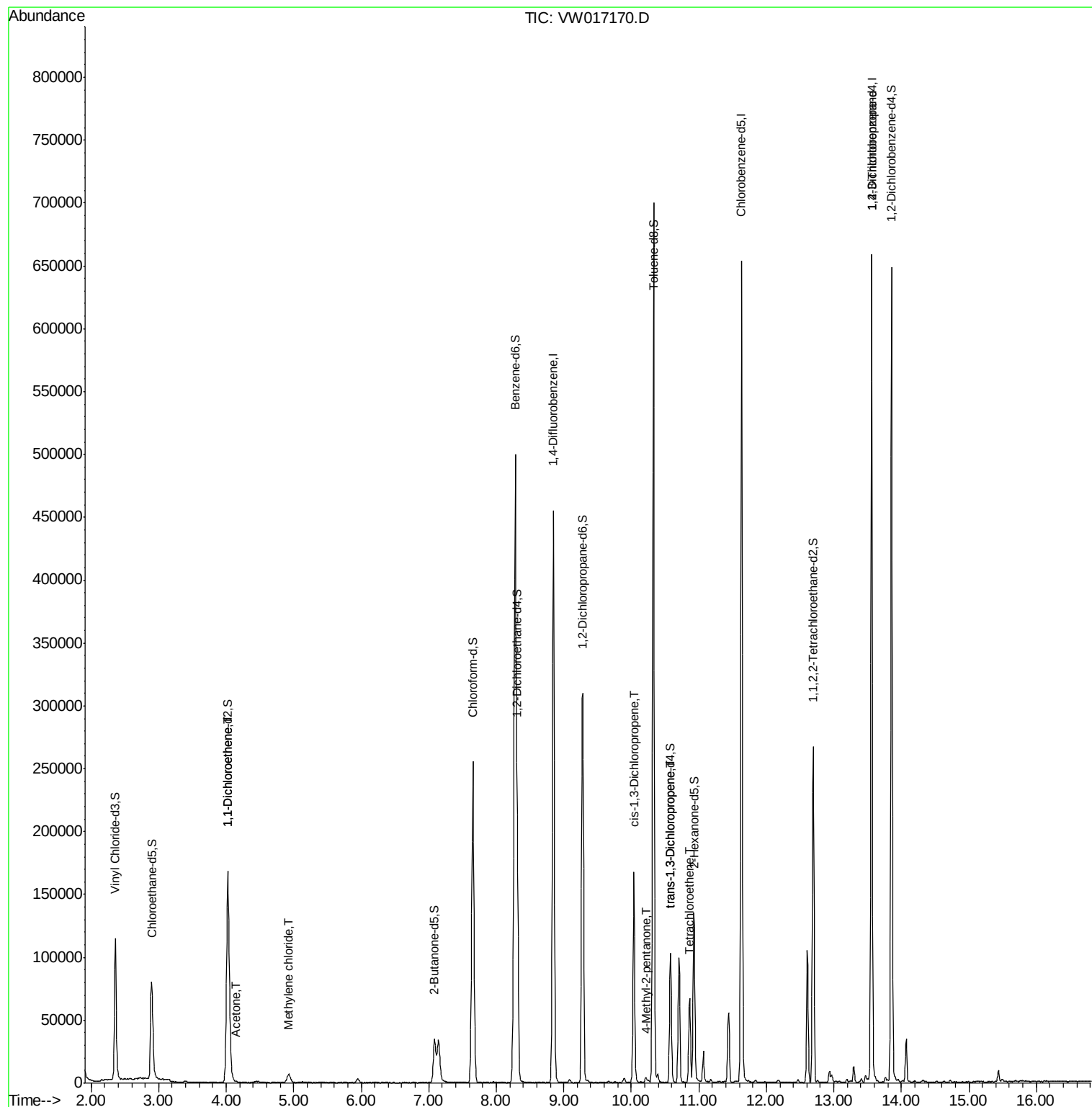
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1656	0.328 ug/L #	1
13) Acetone	4.15	43	747	0.975 ug/L	80
16) Methylene chloride	4.92	84	6596	1.204 ug/L	84
42) cis-1,3-Dichloropropene	10.04	75	4823	0.643 ug/L #	75
43) 4-Methyl-2-pentanone	10.22	43	2755	0.943 ug/L #	91
45) trans-1,3-Dichloropropene	10.59	75	2949	0.458 ug/L #	82
47) Tetrachloroethene	10.87	164	15547	3.038 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	18860	5.566 ug/L	93

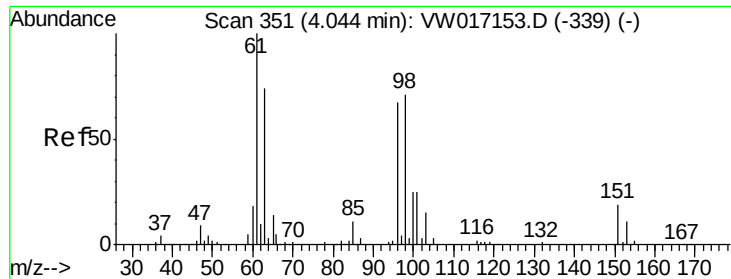
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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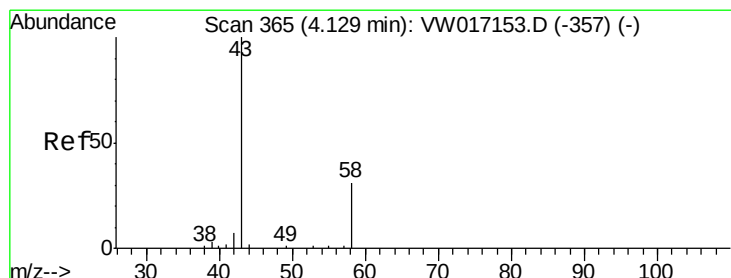
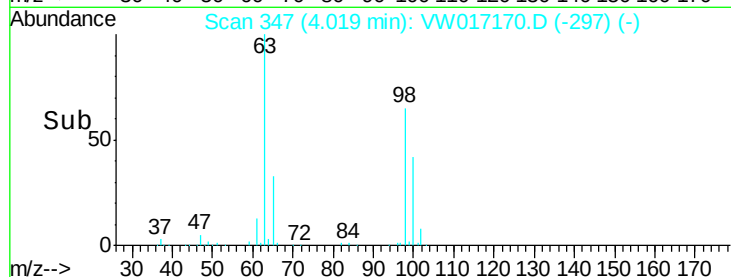
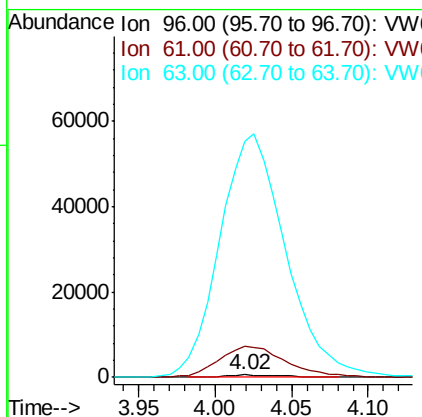
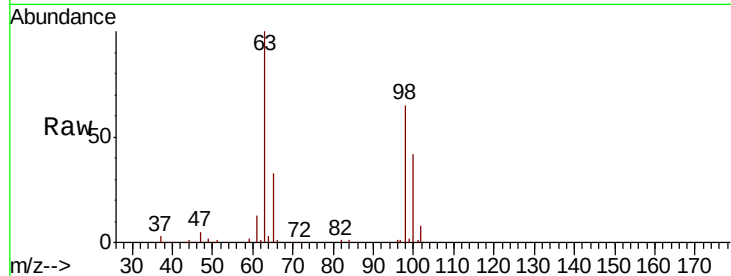




#12
 1,1-Dichloroethene
 Concen: 0.328 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017170.D
 Acq: 11 Nov 2020 17:45

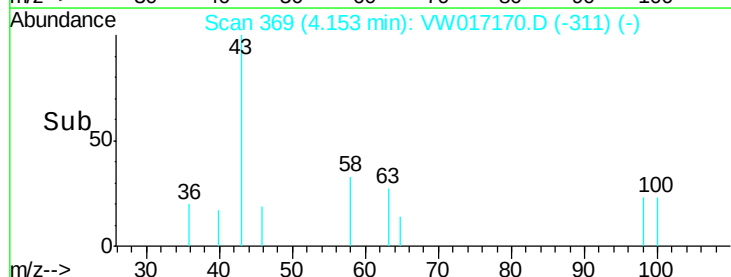
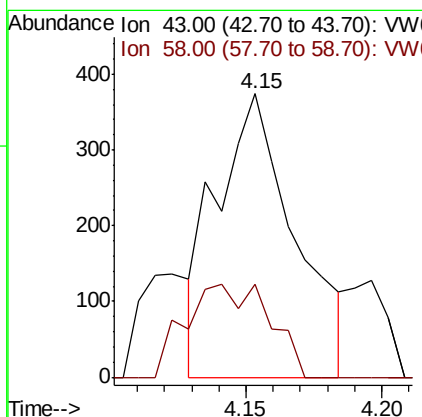
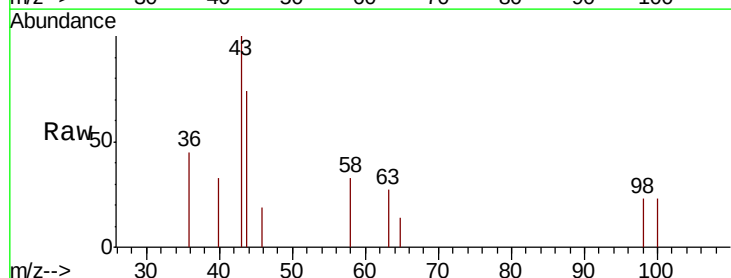
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

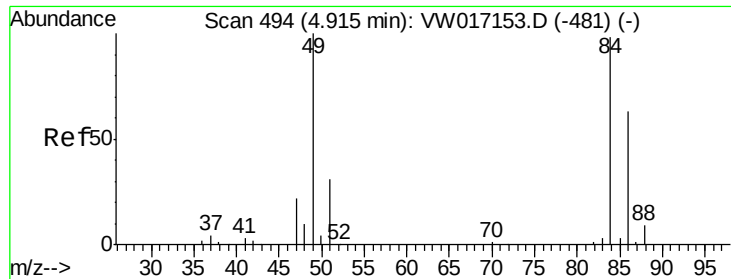
Tot Ion: 96 Resp: 1656
 Ion Ratio Lower Upper
 96 100
 61 1290.3 103.8 192.8#
 63 9974.8 84.4 156.7#



#13
 Acetone
 Concen: 0.975 ug/L
 RT: 4.15 min Scan# 369
 Delta R.T. 0.02 min
 Lab File: VW017170.D
 Acq: 11 Nov 2020 17:45

Tgt Ion: 43 Resp: 747
 Ion Ratio Lower Upper
 43 100
 58 23.0 0.0 69.2

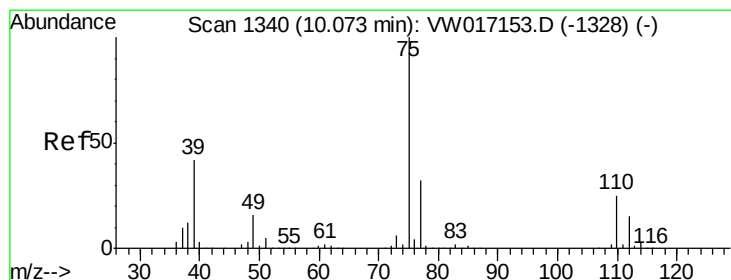
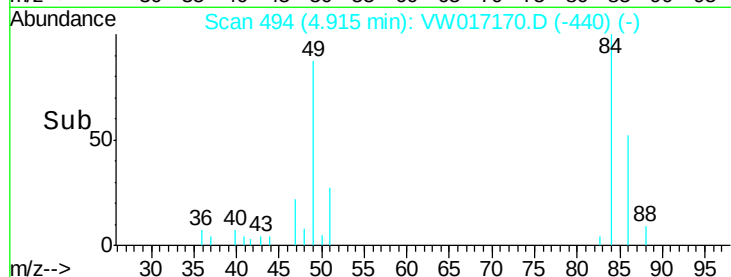
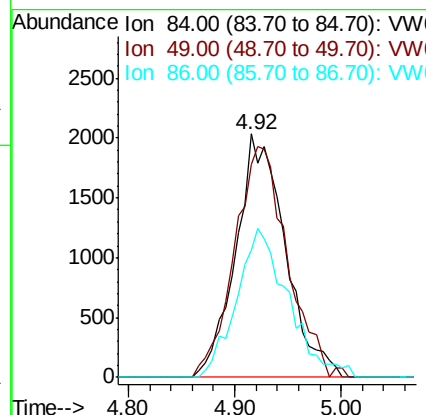
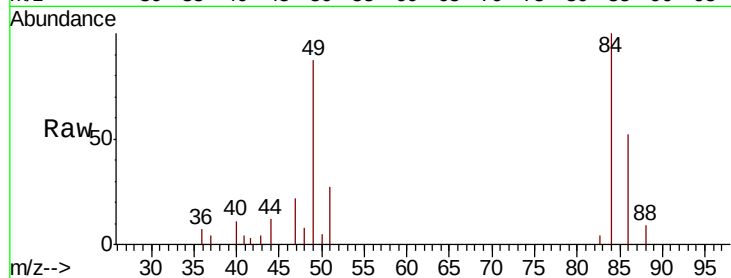




#16
Methylene chloride
Concen: 1.204 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

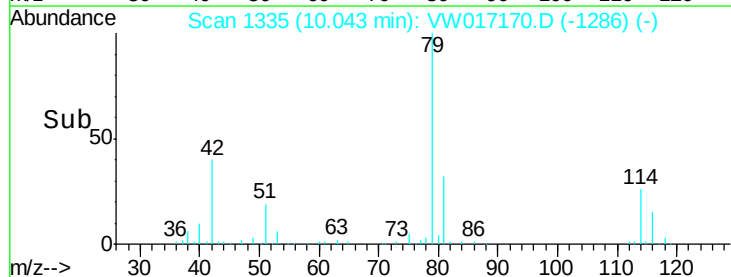
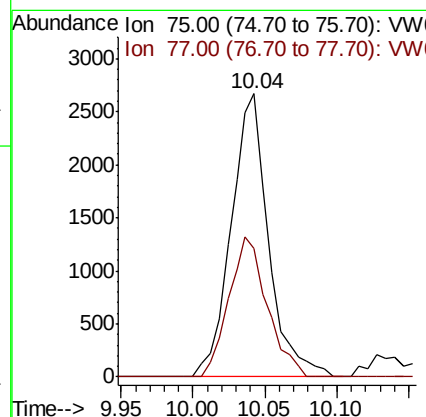
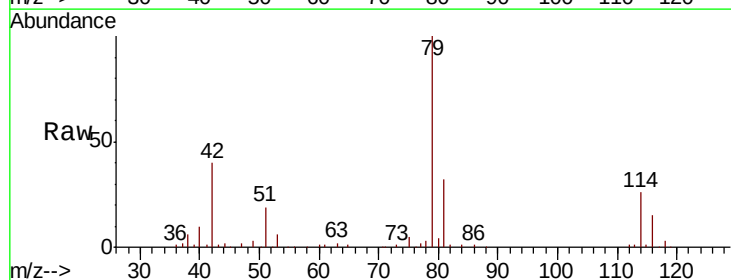
Instrument :
MSVOA_W
ClientSampled :
VIBLK27

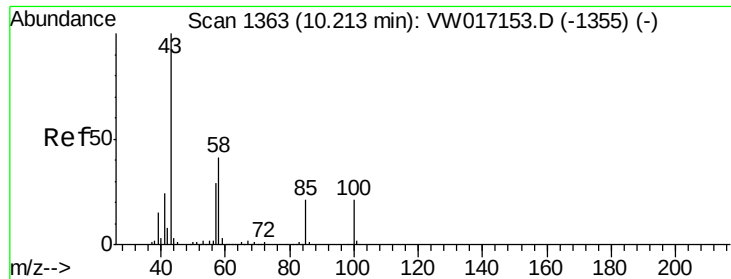
Tot Ion: 84 Resp: 6596
Ion Ratio Lower Upper
84 100
49 87.2 72.3 134.3
86 52.2 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

Tgt Ion: 75 Resp: 4823
Ion Ratio Lower Upper
75 100
77 45.4 22.0 41.0#

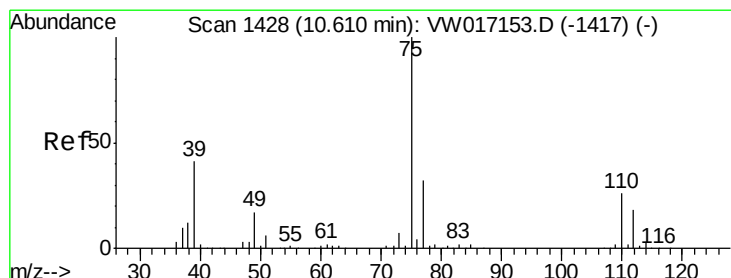
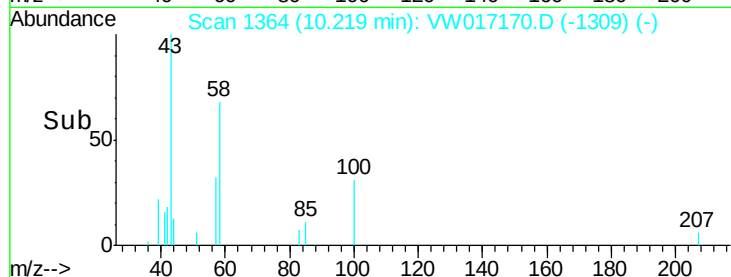
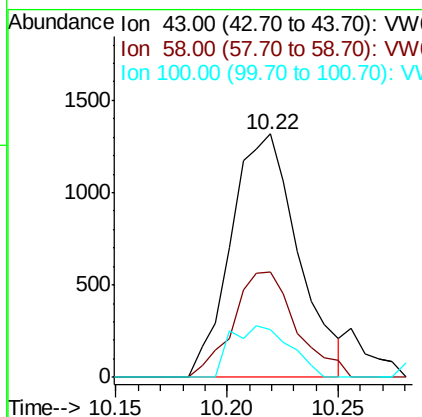
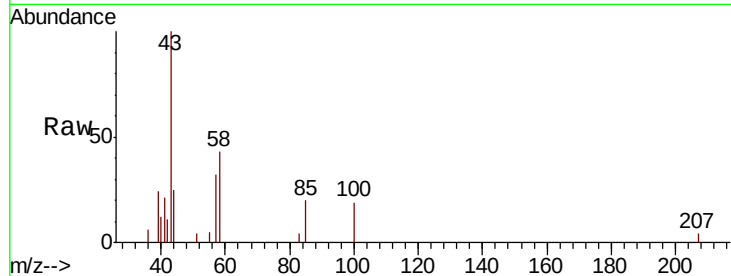




#43
4-Methyl-2-pentanone
Concen: 0.943 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

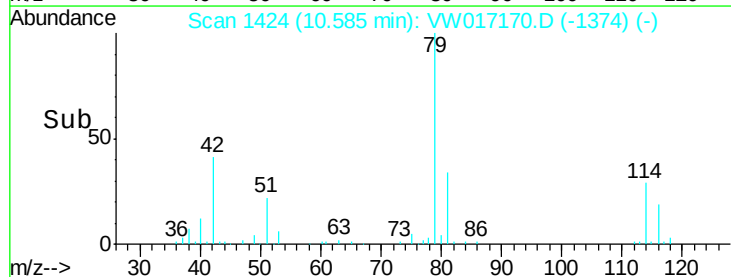
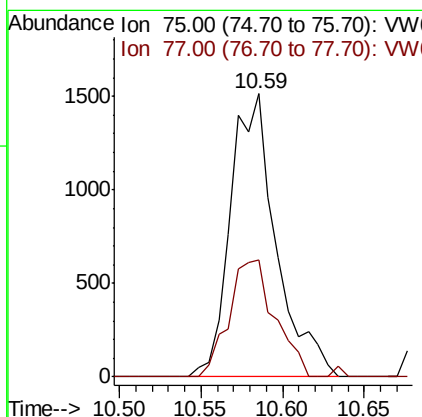
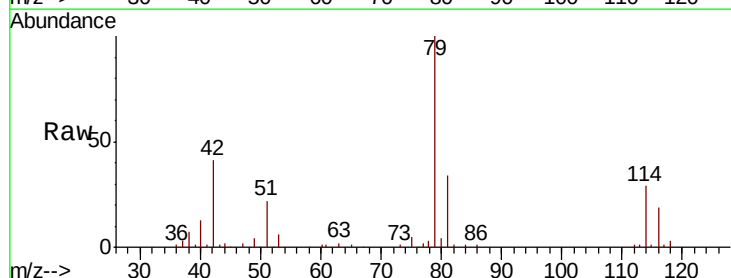
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VIBLK27

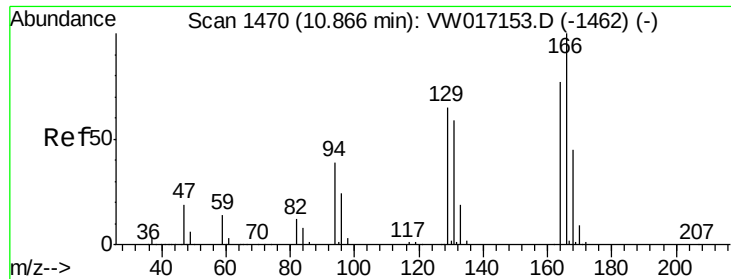
Tot Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
58 40.9 35.0 52.6
100 12.5 16.6 24.8#



#45
trans-1,3-Dichloropropene
Concen: 0.458 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

Tgt Ion: 75 Resp: 2949
Ion Ratio Lower Upper
75 100
77 41.5 22.1 41.1#

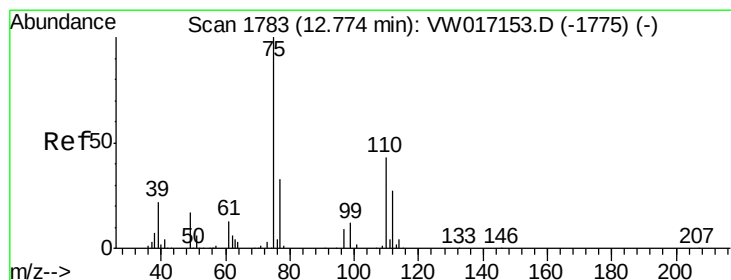
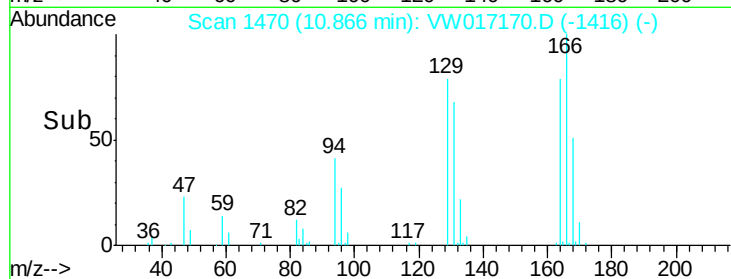
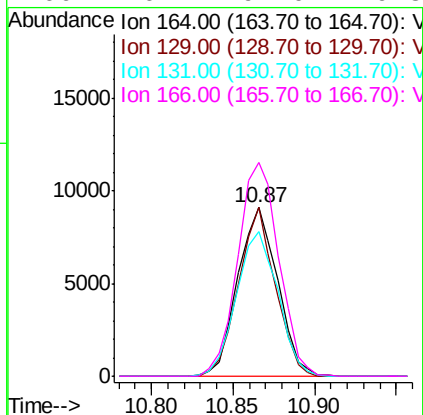
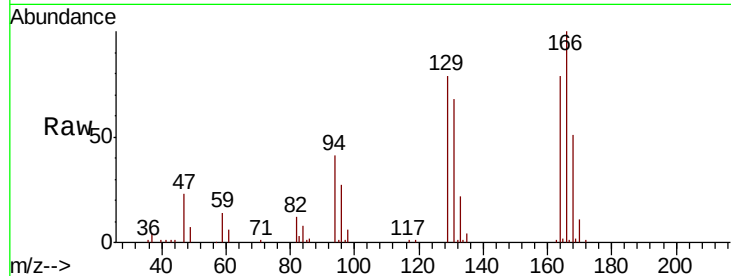




#47
Tetrachloroethene
Concen: 3.038 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

Instrument :
MSVOA_W
ClientSampleId :
VIBLK27

Tot Ion	Ratio	Lower	Upper
164	100		
129	100.2	62.9	116.7
131	86.0	63.3	117.5
166	126.7	92.0	170.8



#59
1,2,3-Trichloropropane
Concen: 5.566 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017170.D
Acq: 11 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.4	39.6

