

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016993.D
 Acq On : 26 Oct 2020 13:01
 Operator : SY/VA
 Sample : VIBLK22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Manual Integrations
 APPROVED

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 10/27/2020 3:34:50 PM

Quant Time: Oct 27 08:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	534573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242958	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128618	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
7) Chloroethane-d5	2.89	69	103211	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.36%
10) 1,1-Dichloroethene-d2	4.03	63	191074	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.08	46	79548	68.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.90%#
24) Chloroform-d	7.65	84	288795	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	151075	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	599603	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.27	67	168198	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.33	98	561653	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.58	79	73544	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.16%
39) 2-Hexanone-d5	10.93	63	66931	68.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.76%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153271	29.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	211309	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds					Ovalue
13) Acetone	4.13	43	1589m	2.032	ug/L
16) Methylene chloride	4.93	84	8227m	1.164	ug/L
43) 4-Methyl-2-pentanone	10.21	43	6452	2.210	ug/L

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

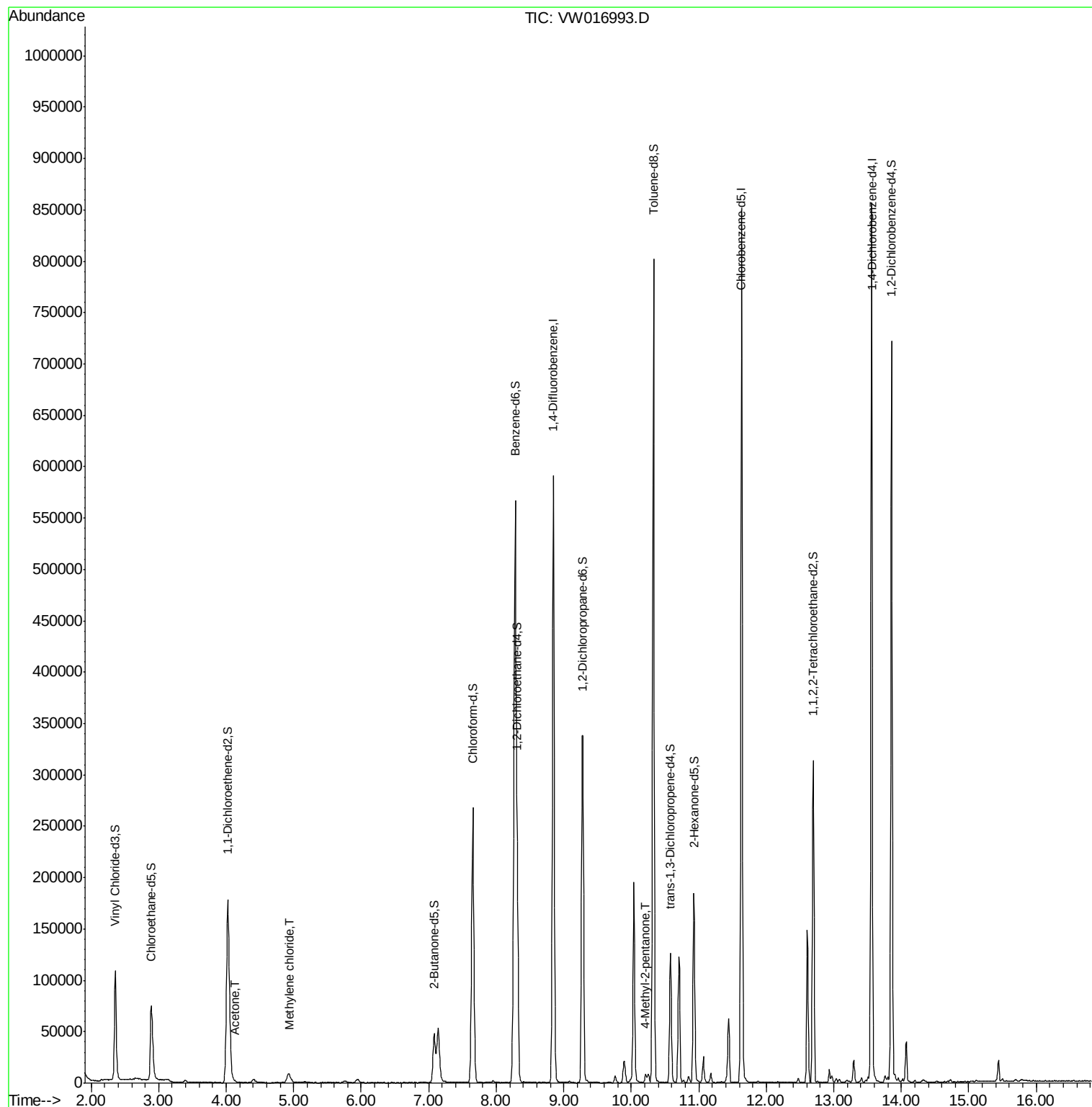
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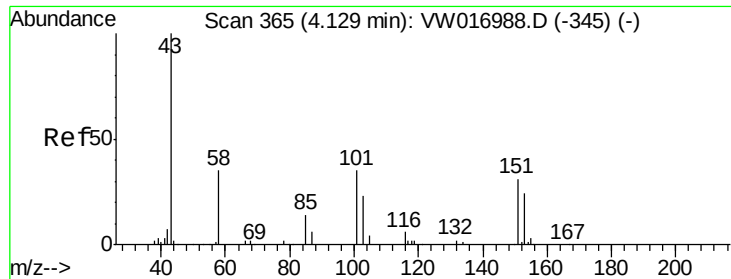
Instrument :
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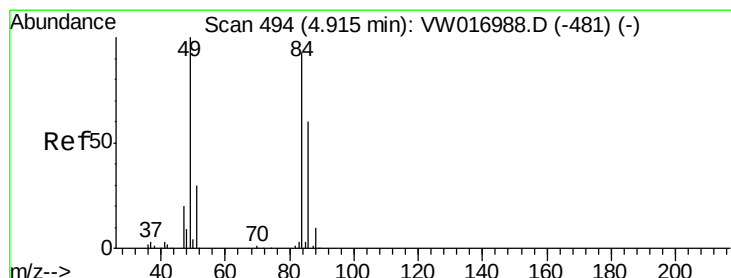
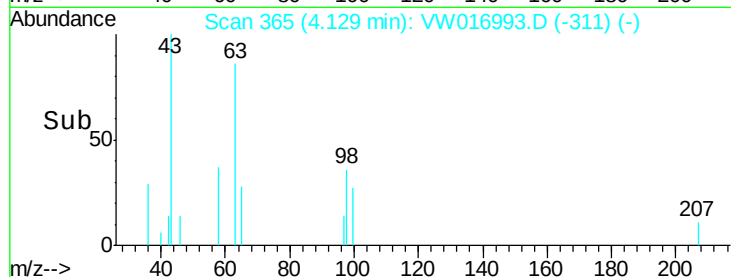
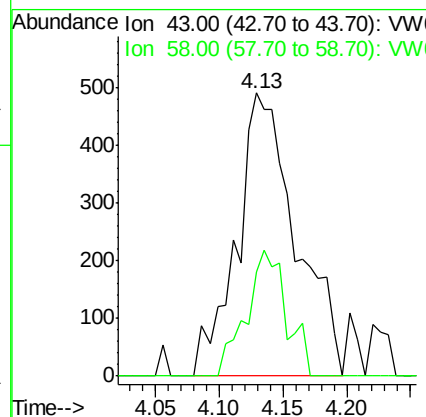
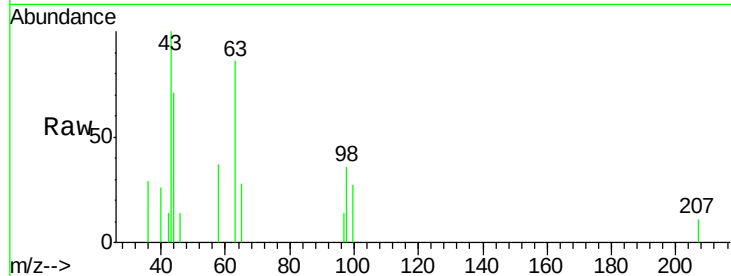
#13
Acetone
Concen: 2.032 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW016993.D
Acq: 26 Oct 2020 13:01

Instrument :
MSVOA_W
ClientSampled :
VIBLK22

Tot Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 26.5 0.0 69.8

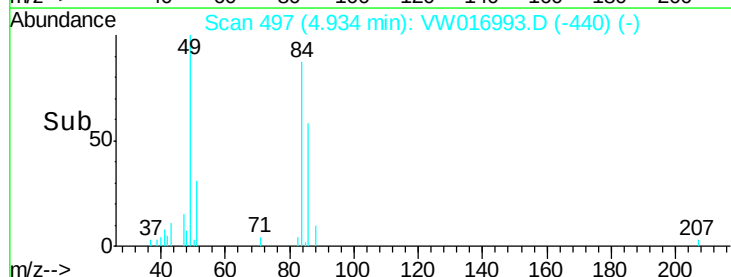
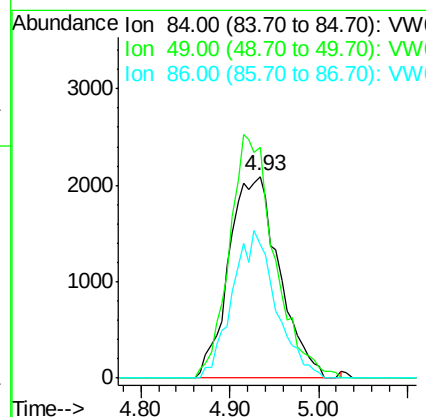
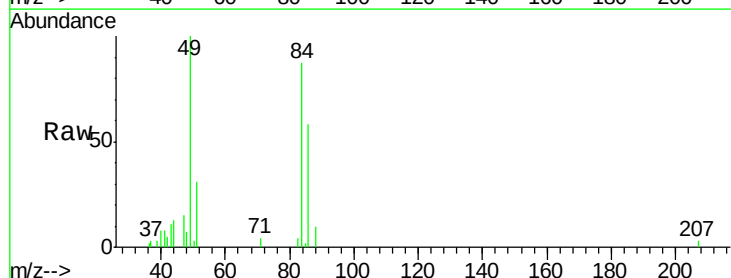
Manual Integrations
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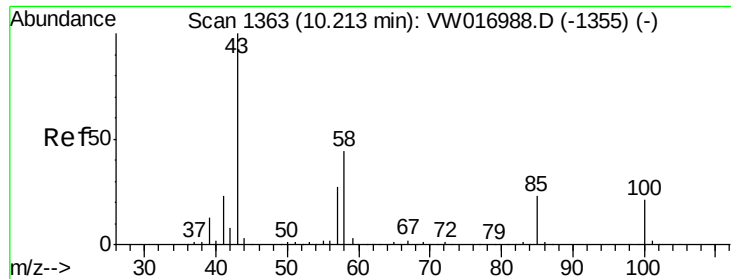
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#16
Methylene chloride
Concen: 1.164 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW016993.D
Acq: 26 Oct 2020 13:01

Tgt Ion: 84 Resp: 8227
Ion Ratio Lower Upper
84 100
49 114.6 73.8 137.0
86 66.5 47.4 88.0





#43

4-Methyl-2-pentanone

Concen: 2.210 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016993.D

Acq: 26 Oct 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

VIBLK22

Tot Ion:	43	Resp:	6452
Ion	Ratio	Lower	Upper
43	100		
58	39.5	34.4	51.6
100	18.6	16.2	24.2

Manual Integrations
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