

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017027.D
 Acq On : 29 Oct 2020 15:50
 Operator : SY/VA
 Sample : VIBLK10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK10

Manual Integrations
 APPROVED

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 11/4/2020 11:31:11 AM

Quant Time: Oct 30 01:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375644	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97838	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	79138	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.02	63	145054	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.08	46	59782	69.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.02%#
24) Chloroform-d	7.65	84	222390	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	115278	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
29) Benzene-d6	8.27	84	449868	23.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.24%
33) 1,2-Dichloropropane-d6	9.28	67	129135	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	10.33	98	422225	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	51838	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
39) 2-Hexanone-d5	10.93	63	47924	65.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118638	29.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	163191	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

					Ovalue
16) Methylene chloride	4.93	84	11456m	2.174	ug/L
43) 4-Methyl-2-pentanone	10.21	43	2252	1.025	ug/L #
47) Tetrachloroethene	10.86	164	4309	0.815	ug/L

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

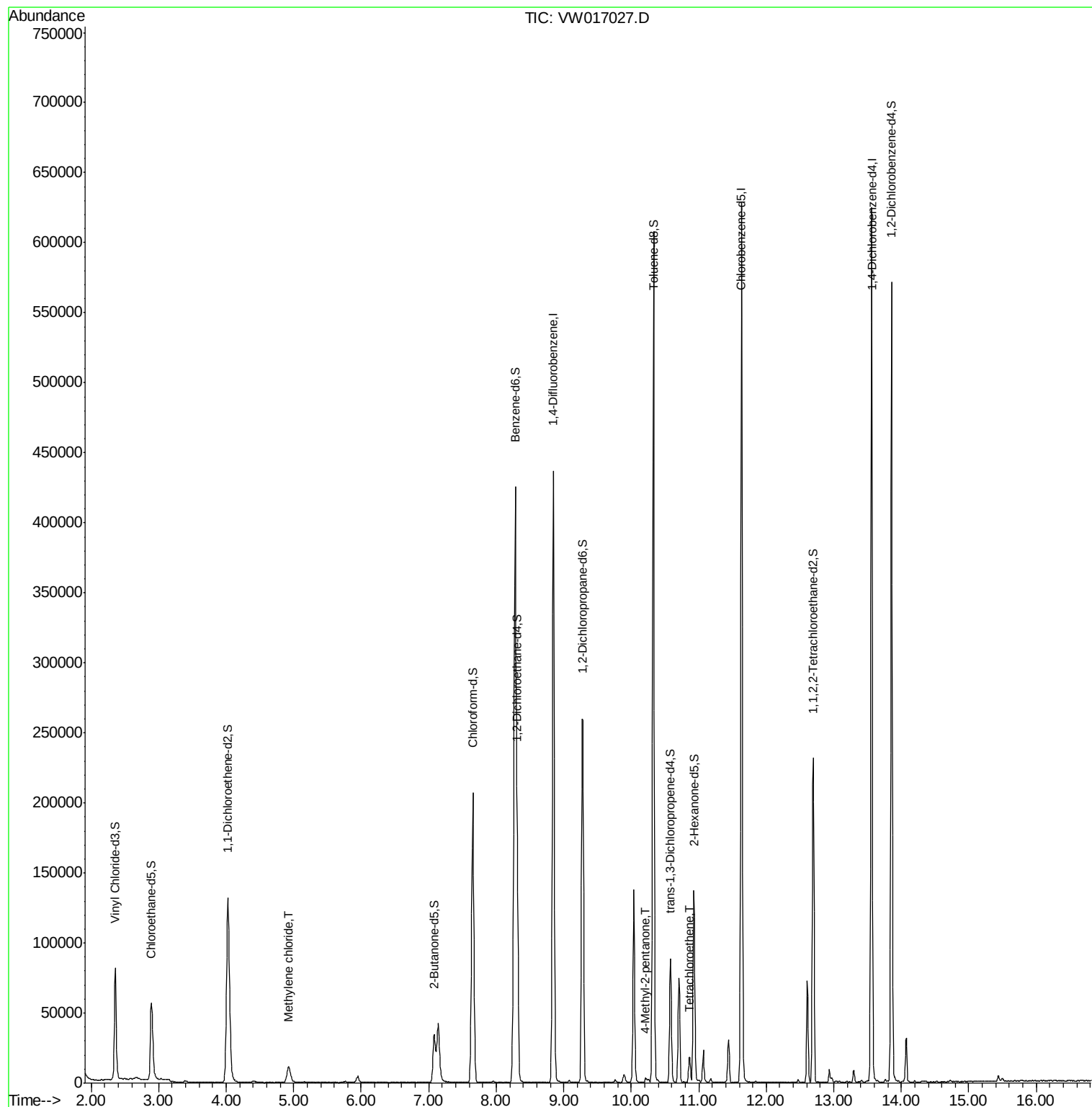
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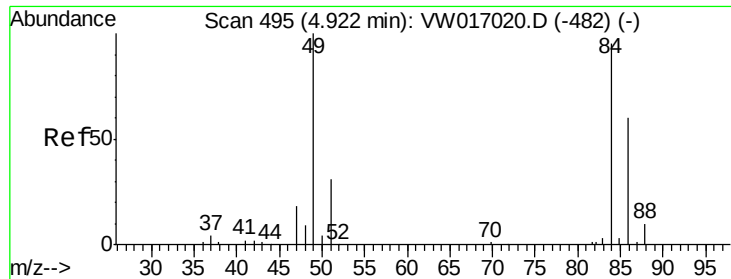
Instrument :
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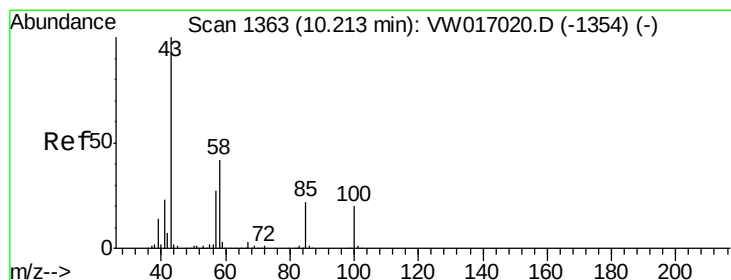
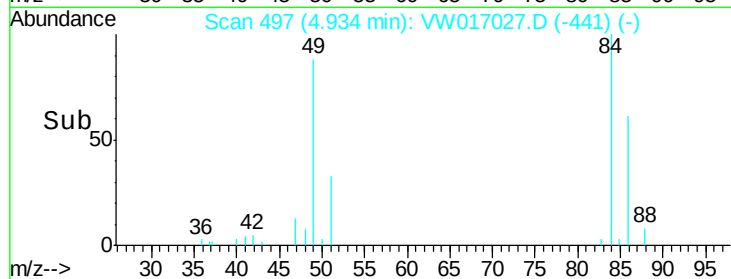
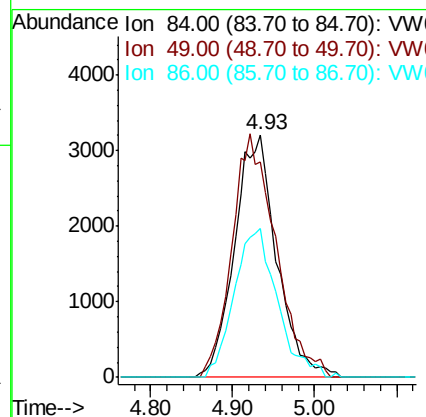
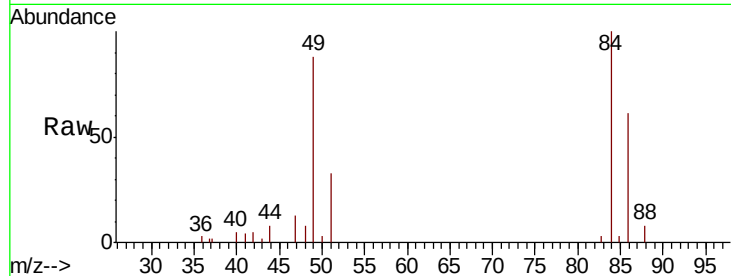
#16
Methylene chloride
Concen: 2.174 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW017027.D
Acq: 29 Oct 2020 15:50

Instrument :
MSVOA_W
ClientSampleId :
VIBLK10

Tot Ion	Ratio	Lower	Upper
84	100		
49	88.5	73.8	137.0
86	61.4	47.4	88.0

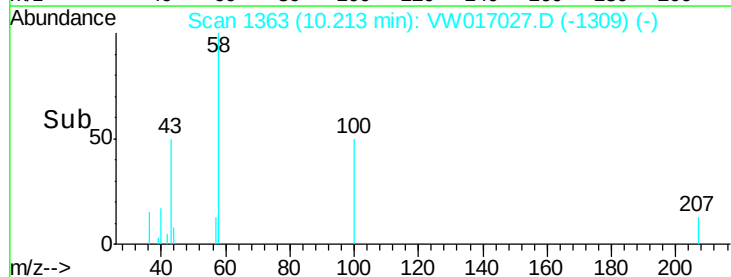
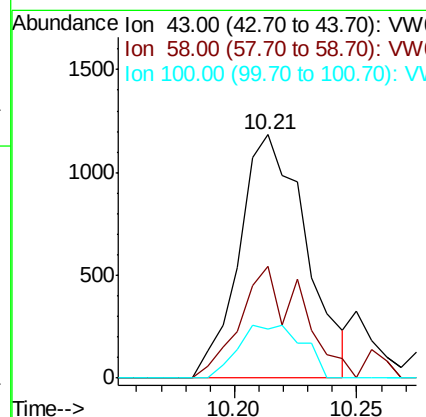
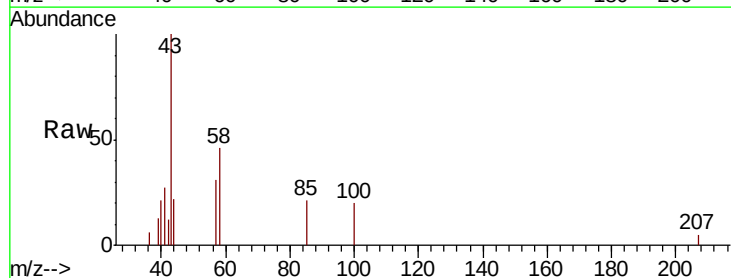
Manual Integrations
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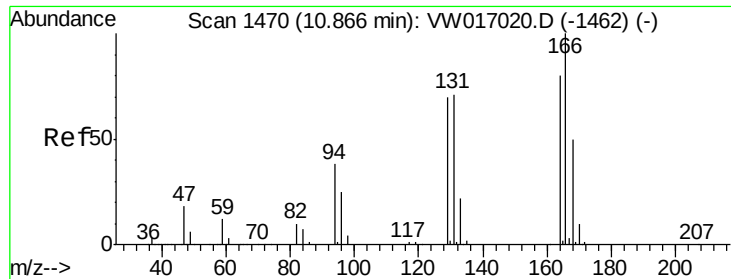
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#43
4-Methyl-2-pentanone
Concen: 1.025 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017027.D
Acq: 29 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.4	34.4	51.6#
100	21.1	16.2	24.2





#47
 Tetrachloroethene
 Concen: 0.815 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VW017027.D
 Acq: 29 Oct 2020 15:50

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Tot Ion:	164	Resp:	4309
Ion	Ratio	Lower	Upper
164	100		
129	103.3	64.0	119.0
131	89.1	61.7	114.5
166	135.1	94.6	175.8

Manual Integrations
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