

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017862.D
 Acq On : 13 Jan 2021 21:00
 Operator : SY/VA
 Sample : M1099-04
 Misc : 3.20G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C04

Manual Integrations
 APPROVED

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 1/15/2021 4:07:18 PM

Quant Time: Jan 14 14:59:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	84549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	28193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32820	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
7) Chloroethane-d5	2.89	69	26321	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.02	63	41785	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.32%
20) 2-Butanone-d5	7.08	46	9566m	45.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.24%
24) Chloroform-d	7.65	84	49735	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.31	65	27921m	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.28	84	93268	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	27126	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.88%
37) Toluene-d8	10.32	98	79198	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.68%
38) trans-1,3-Dichloropropene-	10.58	79	7815	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.56%
39) 2-Hexanone-d5	10.93	63	5536	40.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18922	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	21101	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

				Ovalue
13) Acetone	4.12	43	1396m	7.625 ug/L
14) Carbon disulfide	4.38	76	3608	1.160 ug/L # 92
16) Methylene chloride	4.92	84	10580	8.751 ug/L 97
63) 1,3-Dichlorobenzene	13.50	146	676	0.388 ug/L # 80

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

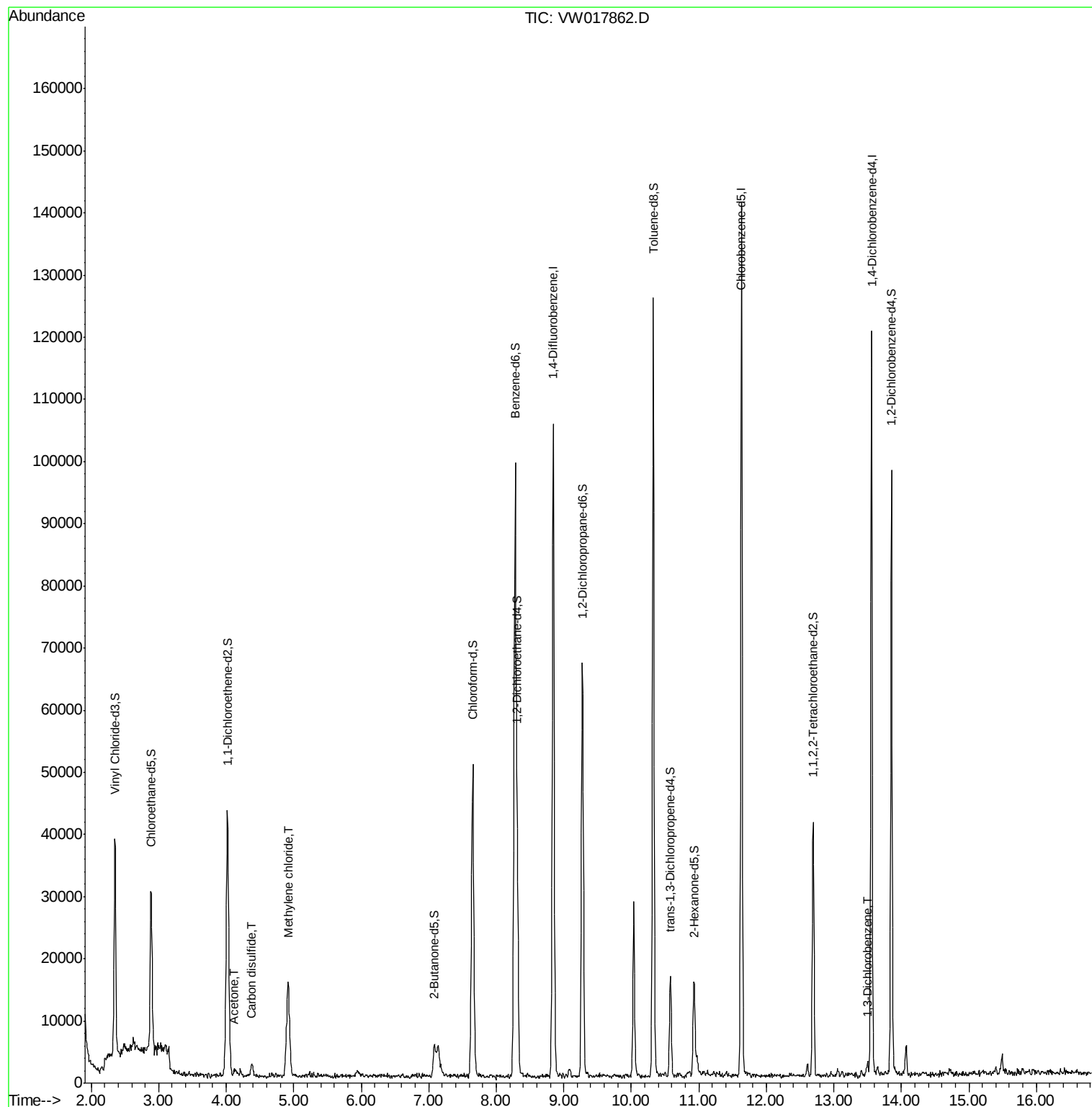
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
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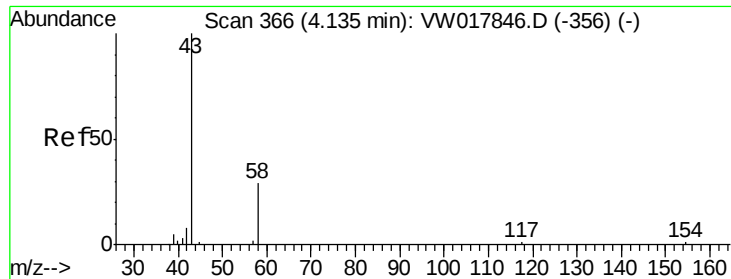
Instrument :
MSVOA_W
ClientSampleId :
F1C04

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Quant Title : VOC Analysis
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Response via : Initial Calibration





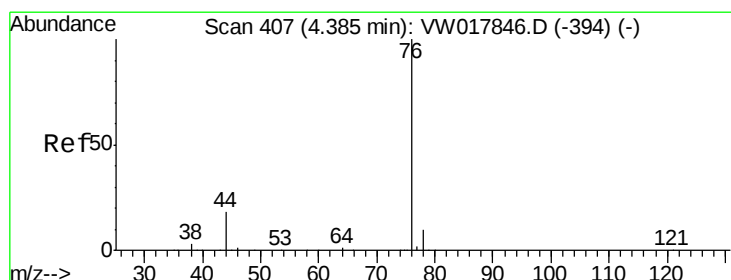
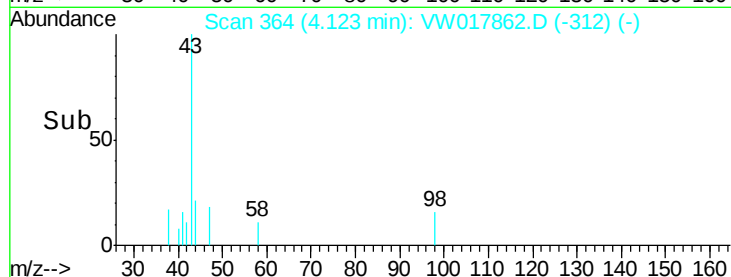
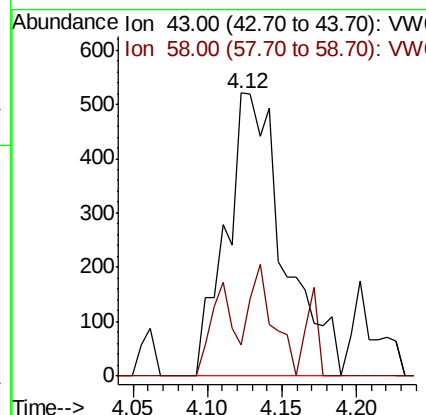
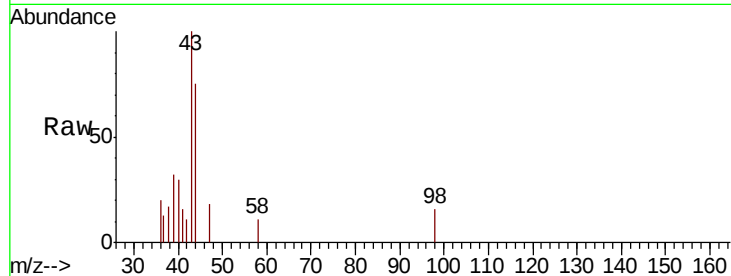
#13
Acetone
Concen: 7.625 ug/L m
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Instrument :
MSVOA_W
ClientSampled :
F1C04

Tot Ion	Ratio	Lower	Upper
43	100		
58	13.8	0.0	60.8

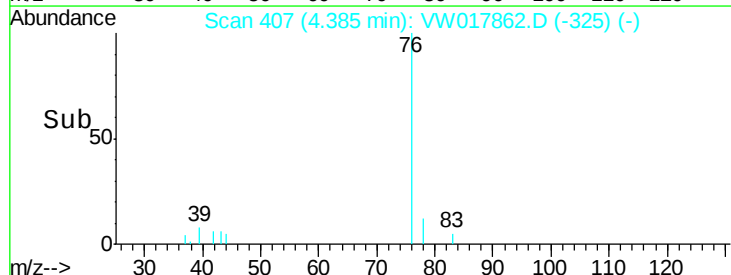
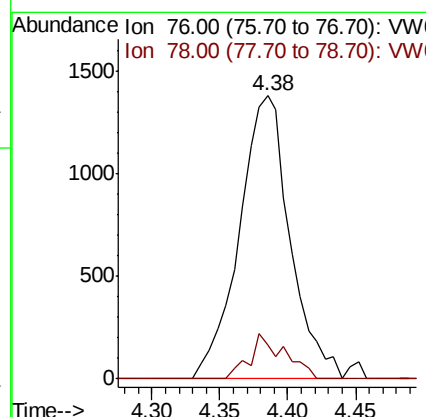
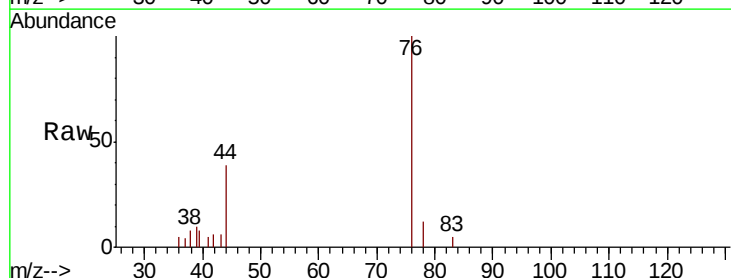
Manual Integrations
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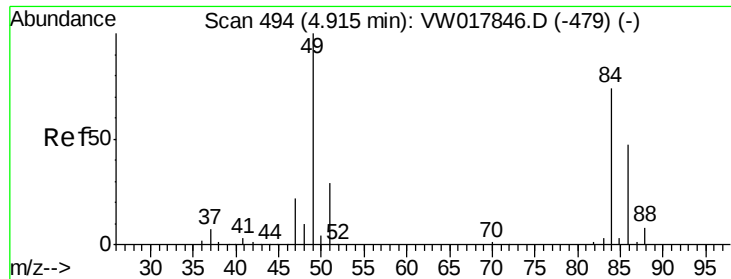
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#14
Carbon disulfide
Concen: 1.160 ug/L
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#





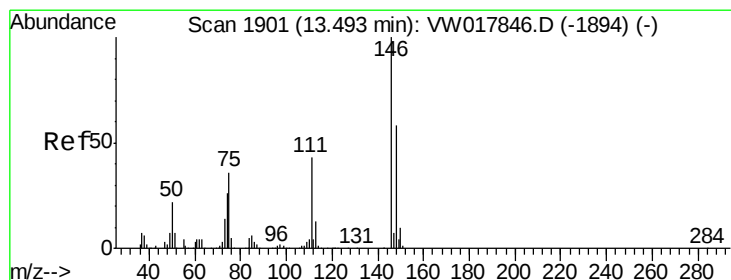
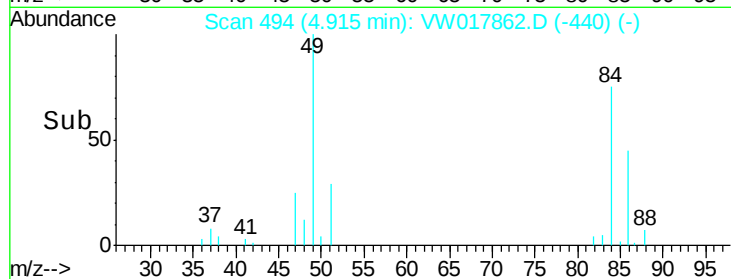
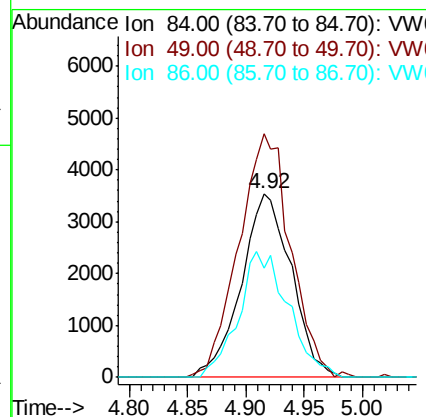
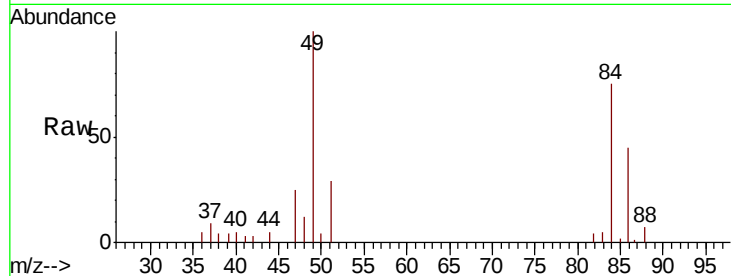
#16
Methylene chloride
Concen: 8.751 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Instrument :
MSVOA_W
ClientSampled :
F1C04

Tot Ion	Ratio	Lower	Upper
84	100		
49	132.7	90.5	168.1
86	61.5	44.8	83.2

Manual Integrations
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#63
1,3-Dichlorobenzene
Concen: 0.388 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.01 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	29.5	54.7
148	44.7	47.7	88.5

