

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016268.D
 Acq On : 20 Aug 2020 15:43
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	354553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149839	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68587	15.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.40%
7) Chloroethane-d5	2.89	69	58461	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
10) 1,1-Dichloroethene-d2	4.02	63	128398	13.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.00%
20) 2-Butanone-d5	7.08	46	57350	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	197513	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	8.31	65	106808	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.52%
29) Benzene-d6	8.27	84	381610	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	111438	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	349423	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	49902	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	10.93	63	45754	50.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108197	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	129950	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

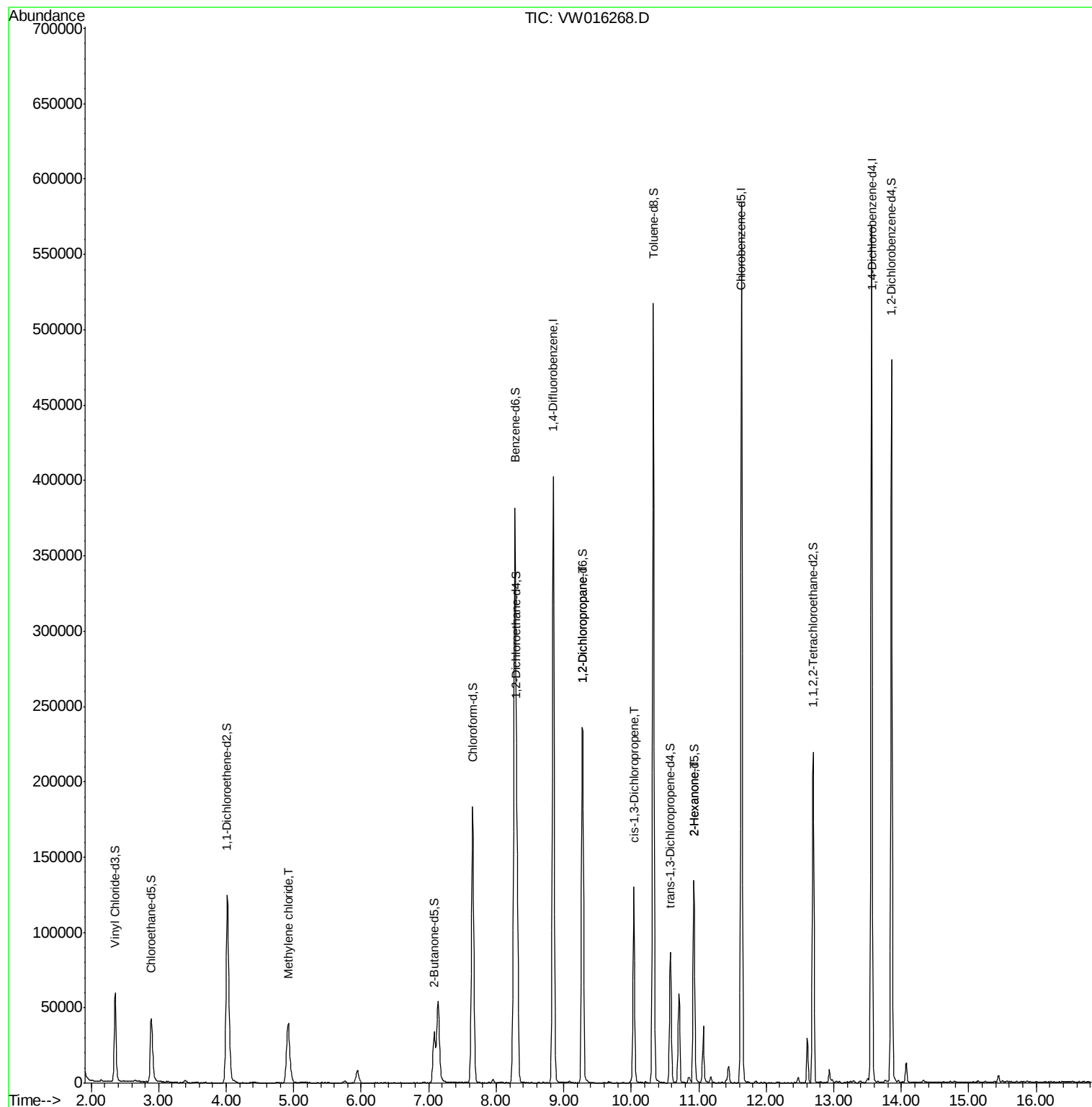
					Ovalue
16) Methylene chloride	4.92	84	34500	6.162 ug/L	95
40) 1,2-Dichloropropane	9.28	63	12226	2.611 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3240	0.454 ug/L #	63
49) 2-Hexanone	10.93	43	4956	2.608 ug/L #	68

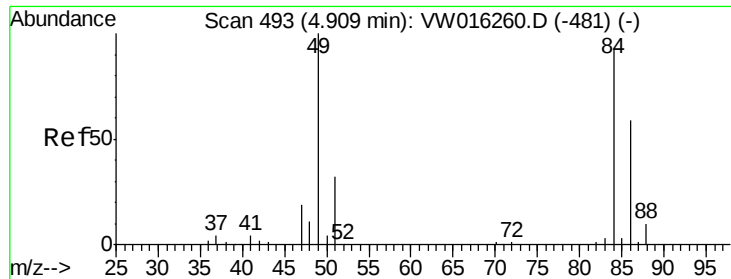
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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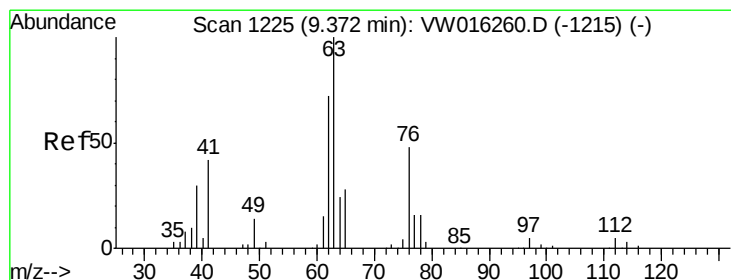
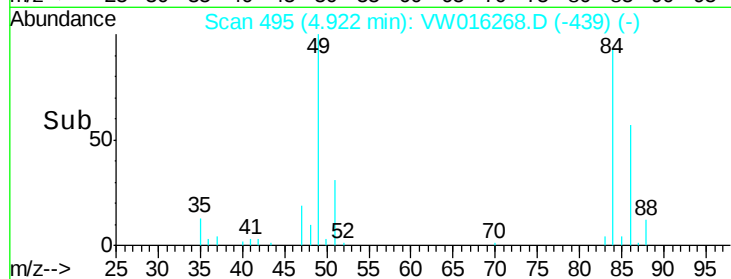
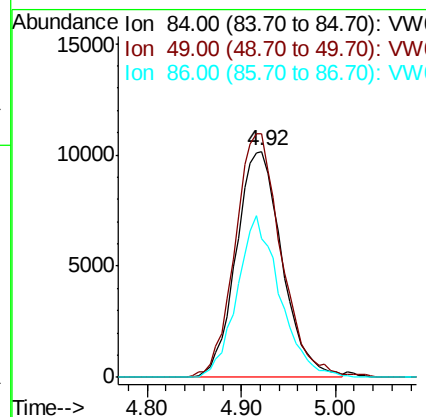
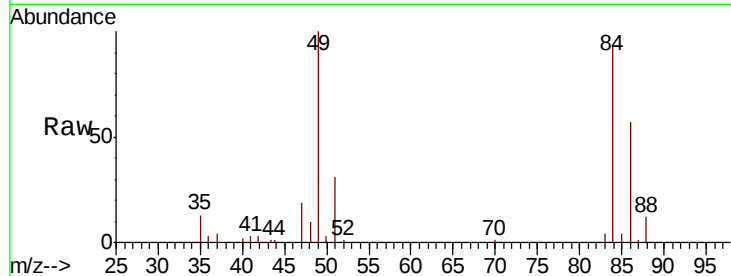




#16
Methylene chloride
Concen: 6.162 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016268.D
Acq: 20 Aug 2020 15:43

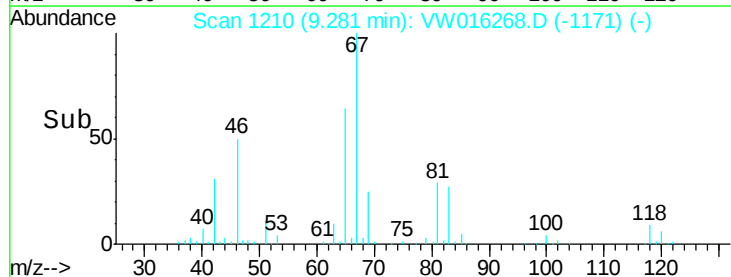
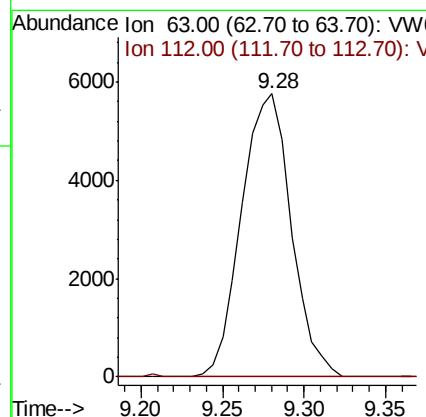
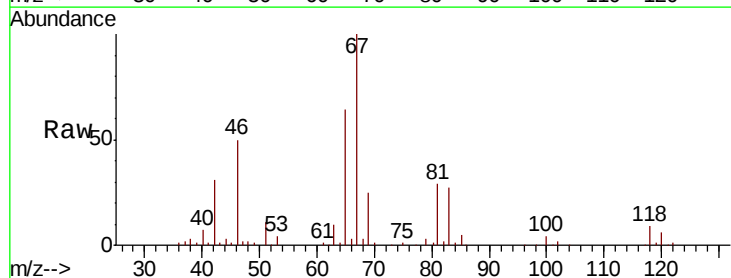
Instrument :
MSVOA_W
ClientSampled :

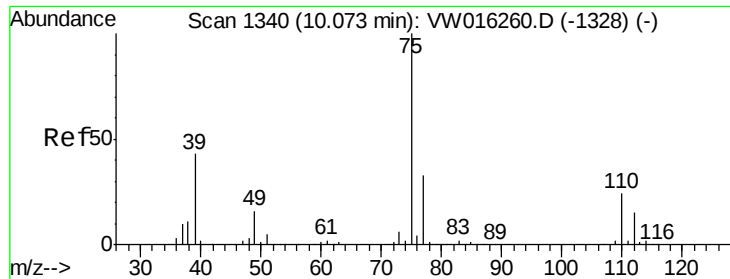
Tot Ion: 84 Resp: 34500
Ion Ratio Lower Upper
84 100
49 107.8 80.4 149.4
86 61.3 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.611 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016268.D
Acq: 20 Aug 2020 15:43

Tgt Ion: 63 Resp: 12226
Ion Ratio Lower Upper
63 100
112 0.6 4.0 6.0#

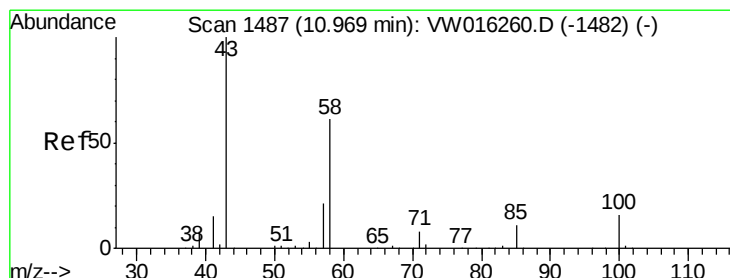
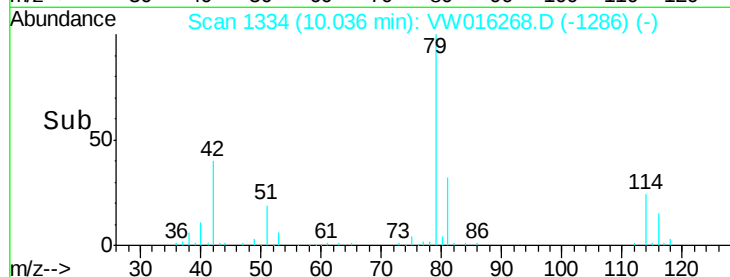
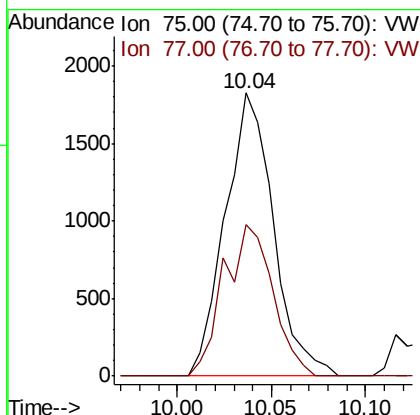
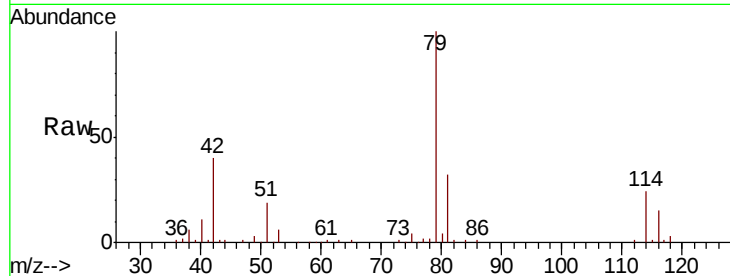




#42
 cis-1,3-Dichloropropene
 Concen: 0.454 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016268.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 3240
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.9 42.5#



#49
 2-Hexanone
 Concen: 2.608 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW016268.D
 Acq: 20 Aug 2020 15:43

Tgt Ion: 43 Resp: 4956
 Ion Ratio Lower Upper
 43 100
 58 30.3 44.2 66.2#
 57 33.7 15.8 23.6#
 100 2.8 10.8 16.2#

