

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016078.D
 Acq On : 07 Aug 2020 18:35
 Operator : SY/VA
 Sample : L3598-01
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:10:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	277297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61119	15.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.48%
7) Chloroethane-d5	2.89	69	54570	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
10) 1,1-Dichloroethene-d2	4.01	63	102882	13.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.04%
20) 2-Butanone-d5	7.09	46	62071	60.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.78%
24) Chloroform-d	7.65	84	175731	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.31	65	99863	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.44%
29) Benzene-d6	8.27	84	331932	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.27	67	104992	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.33	98	279108	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.58	79	42748	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.93	63	48832	69.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.24%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96089	29.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	67478	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

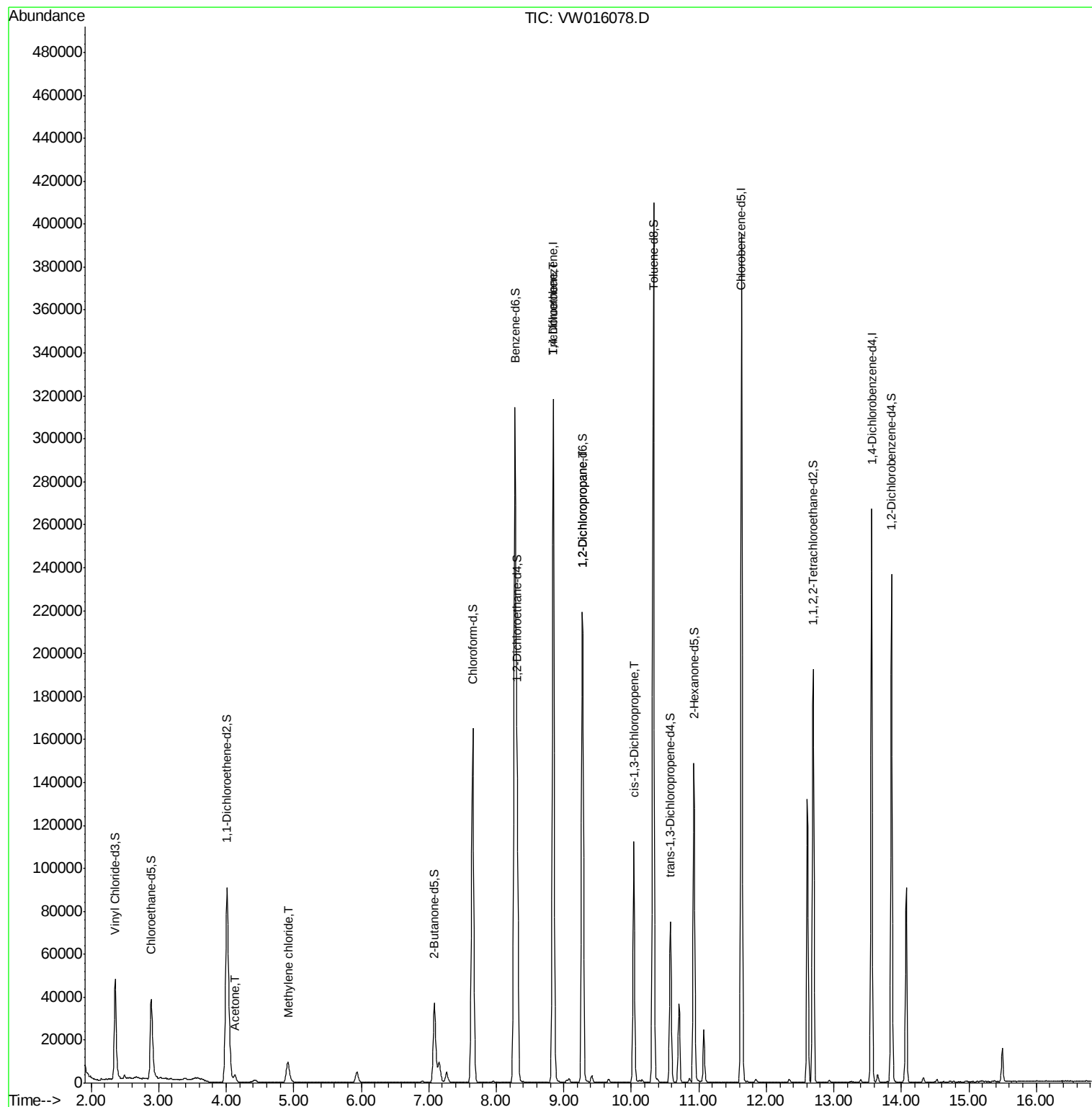
					Ovalue
13) Acetone	4.13	43	5333	6.178 ug/L	93
16) Methylene chloride	4.92	84	8588	1.890 ug/L	86
35) Trichloroethene	8.84	95	8141	2.195 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	11361	3.271 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2691	0.509 ug/L #	76

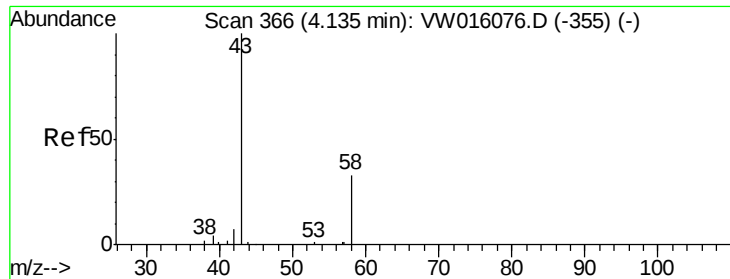
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.178 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016078.D

Acq: 07 Aug 2020 18:35

Instrument :

MSVOA_W

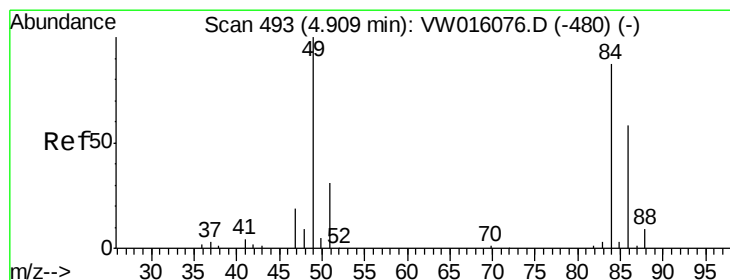
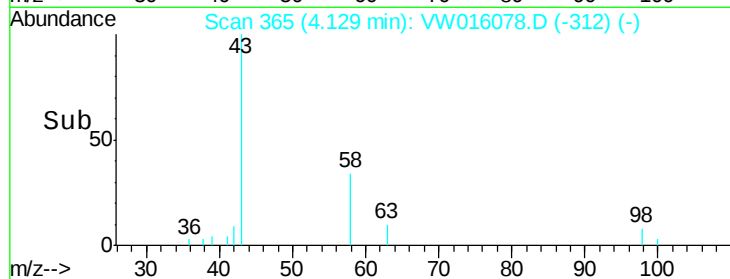
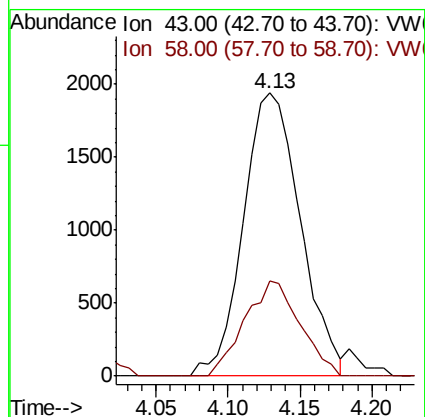
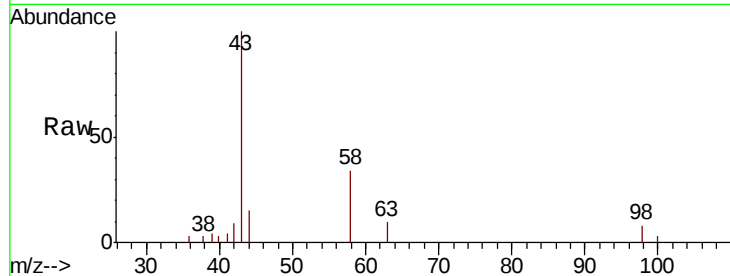
ClientSampled :

Tot Ion: 43 Resp: 5333

Ion Ratio Lower Upper

43 100

58 32.7 0.0 58.2



#16

Methylene chloride

Concen: 1.890 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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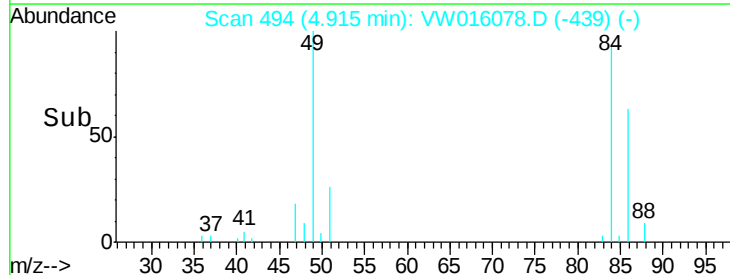
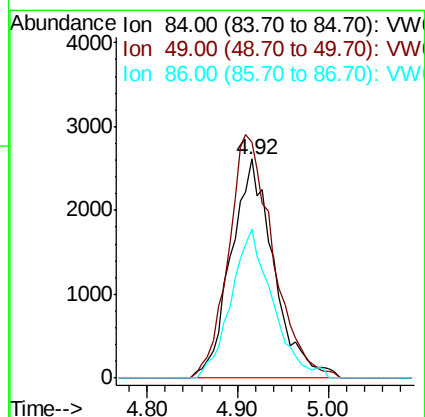
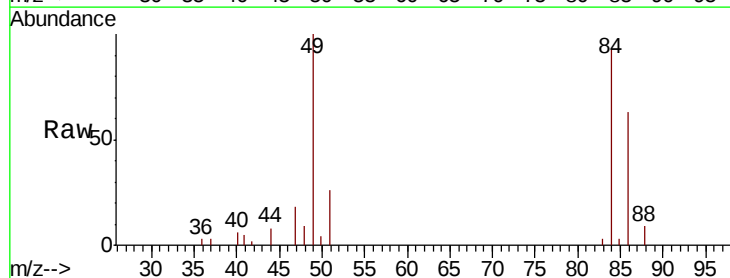
Tgt Ion: 84 Resp: 8588

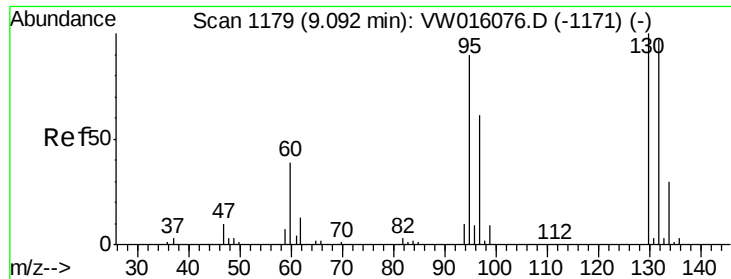
Ion Ratio Lower Upper

84 100

49 107.7 91.1 169.1

86 67.8 46.0 85.4

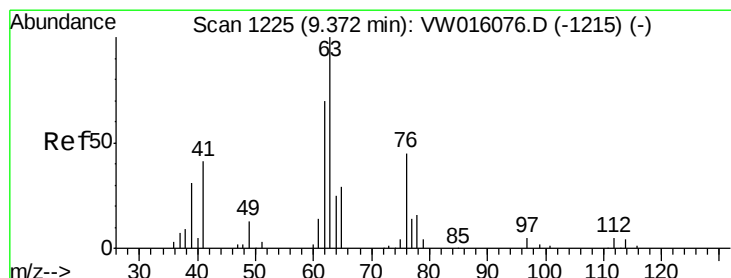
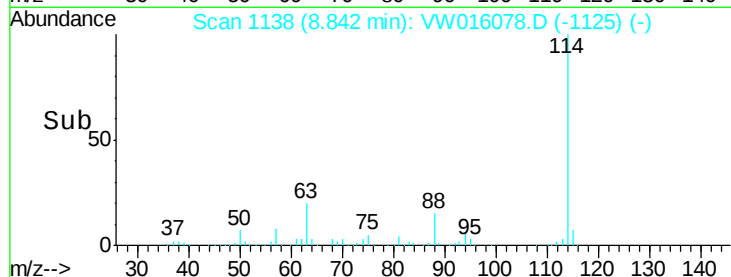
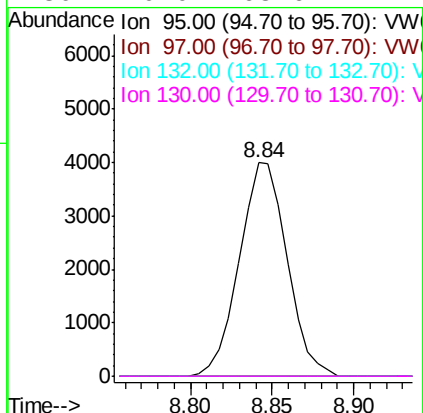
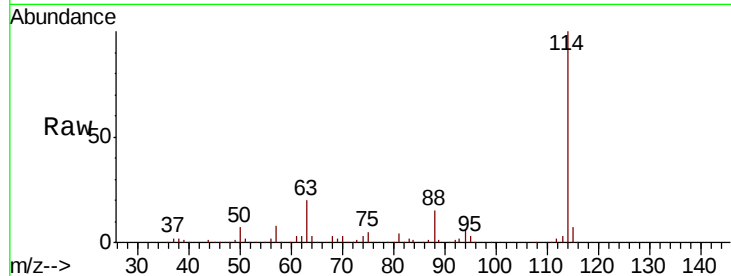




#35
 Trichloroethene
 Concen: 2.195 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW016078.D
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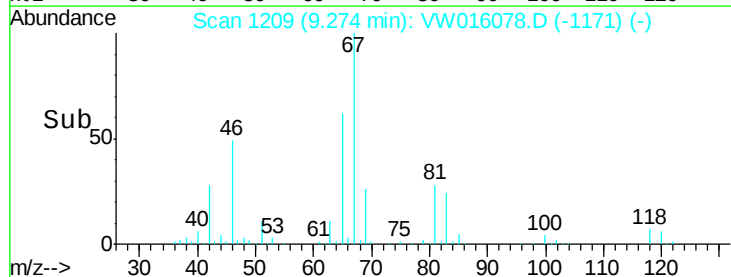
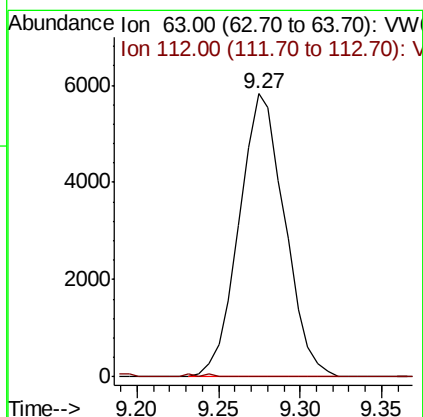
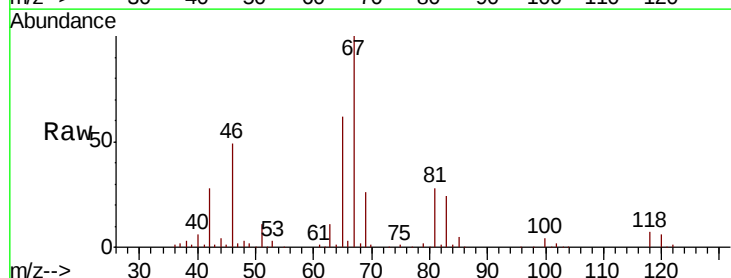
Instrument :
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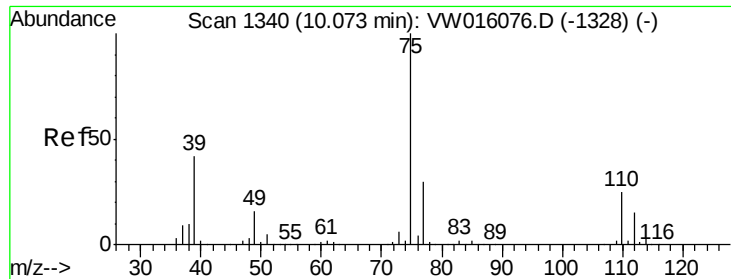
Tot Ion: 95 Resp: 8141
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#



#40
 1,2-Dichloropropane
 Concen: 3.271 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016078.D
 Acq: 07 Aug 2020 18:35

Tgt Ion: 63 Resp: 11361
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#





#42
 cis-1,3-Dichloropropene
 Concen: 0.509 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016078.D
 Acq: 07 Aug 2020 18:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2691
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.2 41.2#

