

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080320\
 Data File : VW016032.D
 Acq On : 03 Aug 2020 13:53
 Operator : SY/VA
 Sample : L3492-14
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 04 03:37:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 04 03:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	419876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179351	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92378	15.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.36%
7) Chloroethane-d5	2.89	69	92002	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.48%
10) 1,1-Dichloroethene-d2	4.01	63	172017	14.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.44%
20) 2-Butanone-d5	7.09	46	90144	57.92	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.84%
24) Chloroform-d	7.65	84	268144	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	148079	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	537871	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.28	67	173077	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.33	98	470084	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.59	79	64492	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	10.93	63	68554	56.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150295	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	172303	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

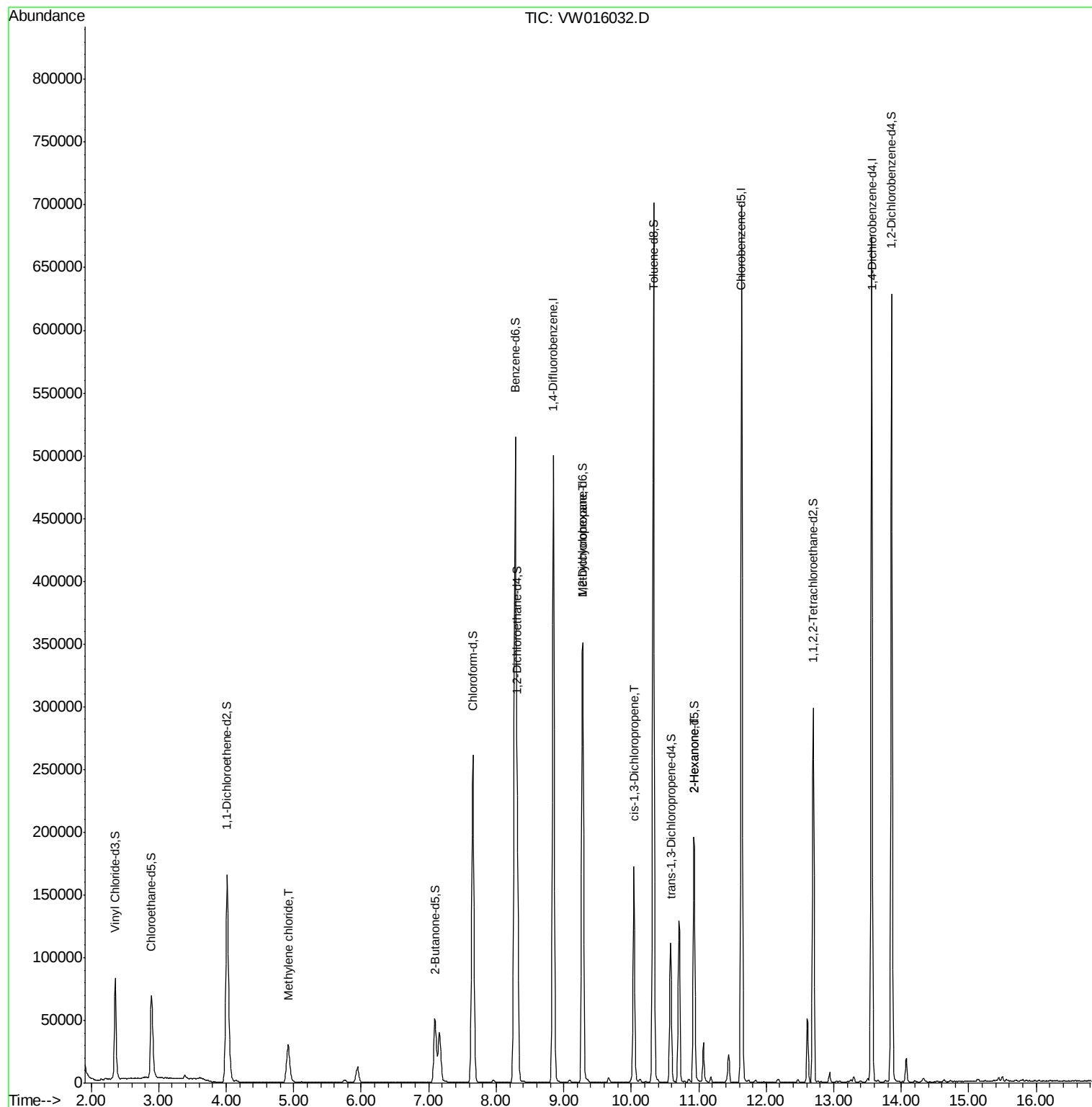
					Ovalue
16) Methylene chloride	4.92	84	24416	3.549 ug/L	87
36) Methylcyclohexane	9.28	83	41358	3.766 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4334	0.475 ug/L #	66
49) 2-Hexanone	10.93	43	8117	3.269 ug/L #	67

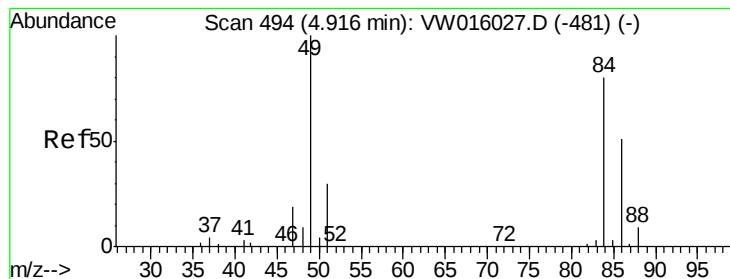
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 03:35:29 2020
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#16

Methylene chloride

Concen: 3.549 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016032.D

Acq: 03 Aug 2020 13:53

Instrument :

MSVOA_W

ClientSampleId :

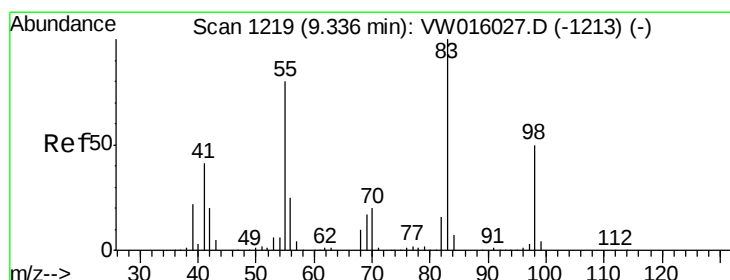
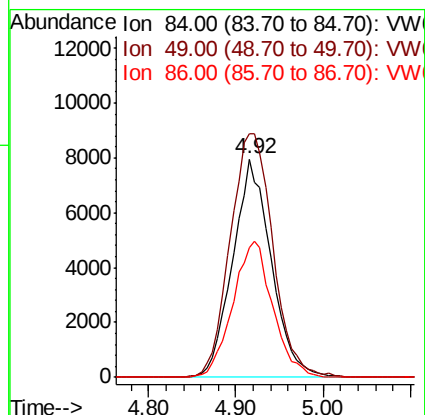
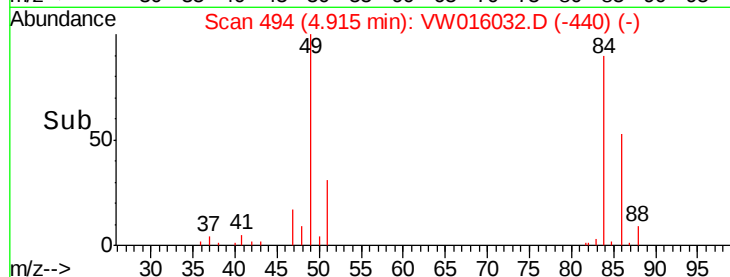
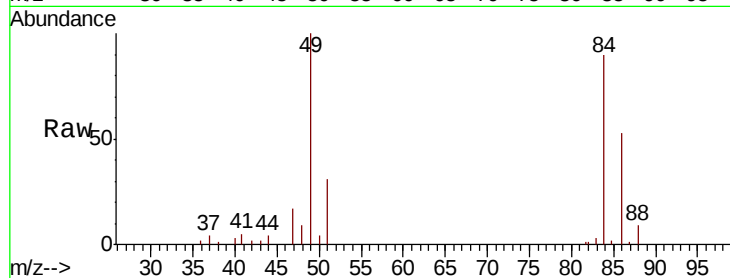
Tot Ion: 84 Resp: 24416

Ion Ratio Lower Upper

84 100

49 111.6 91.1 169.1

86 59.3 46.0 85.4



#36

Methylcyclohexane

Concen: 3.766 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW016032.D

Acq: 03 Aug 2020 13:53

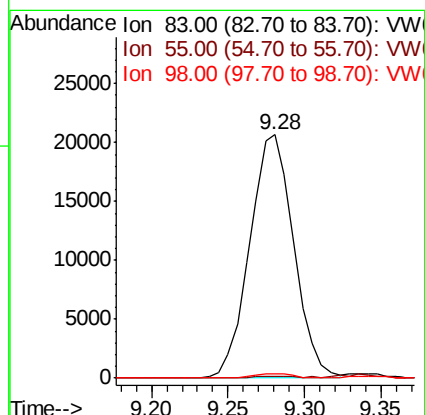
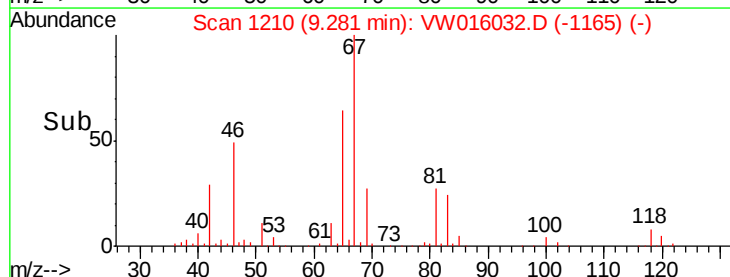
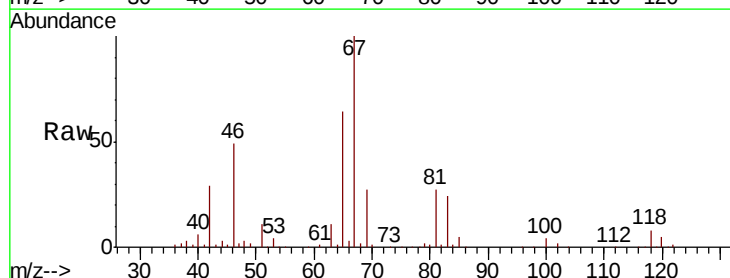
Tgt Ion: 83 Resp: 41358

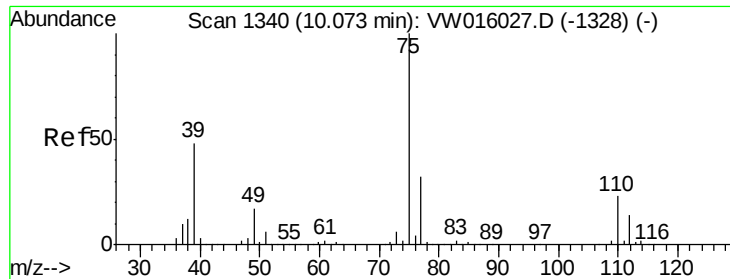
Ion Ratio Lower Upper

83 100

55 0.8 63.5 95.3#

98 1.7 39.0 58.4#

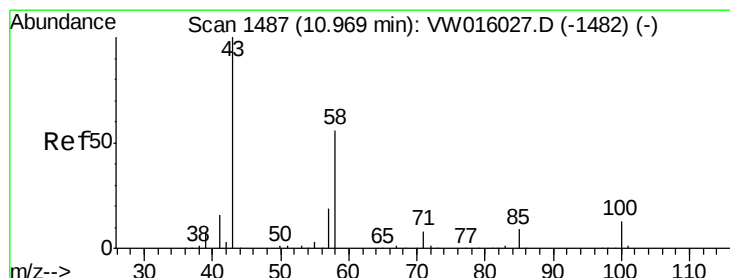
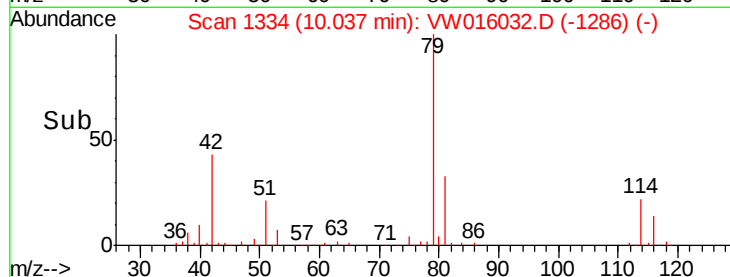
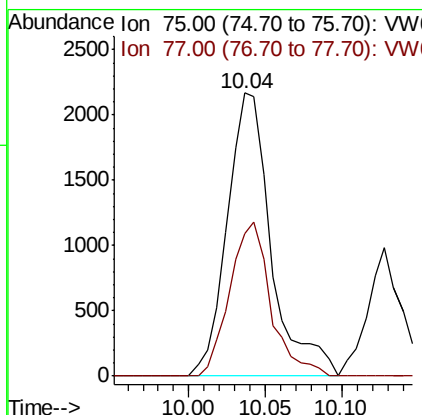
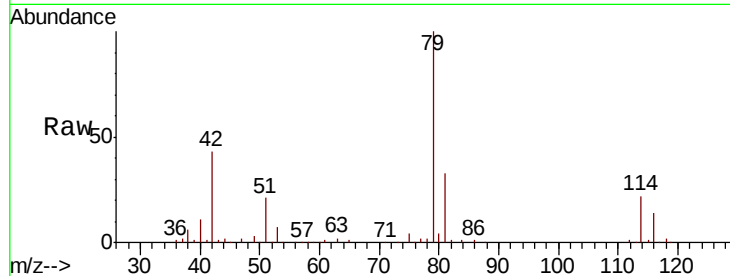




#42
 cis-1,3-Dichloropropene
 Concen: 0.475 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016032.D
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Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 4334
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.2 41.2#



#49
 2-Hexanone
 Concen: 3.269 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW016032.D
 Acq: 03 Aug 2020 13:53

Tgt Ion: 43 Resp: 8117
 Ion Ratio Lower Upper
 43 100
 58 26.4 42.4 63.6#
 57 30.0 15.6 23.4#
 100 0.6 9.8 14.6#

