

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016140.D
 Acq On : 11 Aug 2020 16:47
 Operator : SY/VA
 Sample : L3598-17
 Misc : 6.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY73

Quant Time: Aug 11 18:40:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160719	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124479	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	2.89	69	91946	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	4.01	63	199116	17.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	7.08	46	102639	72.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.86%#
24) Chloroform-d	7.65	84	283625	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	8.30	65	172418	27.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.40%
29) Benzene-d6	8.27	84	554315	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.28	67	167723	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.32	98	507061	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.12%
38) trans-1,3-Dichloropropene-	10.58	79	78024	26.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.84%
39) 2-Hexanone-d5	10.93	63	87477	77.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.60%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	171702	32.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	160550	28.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.72%

Target Compounds

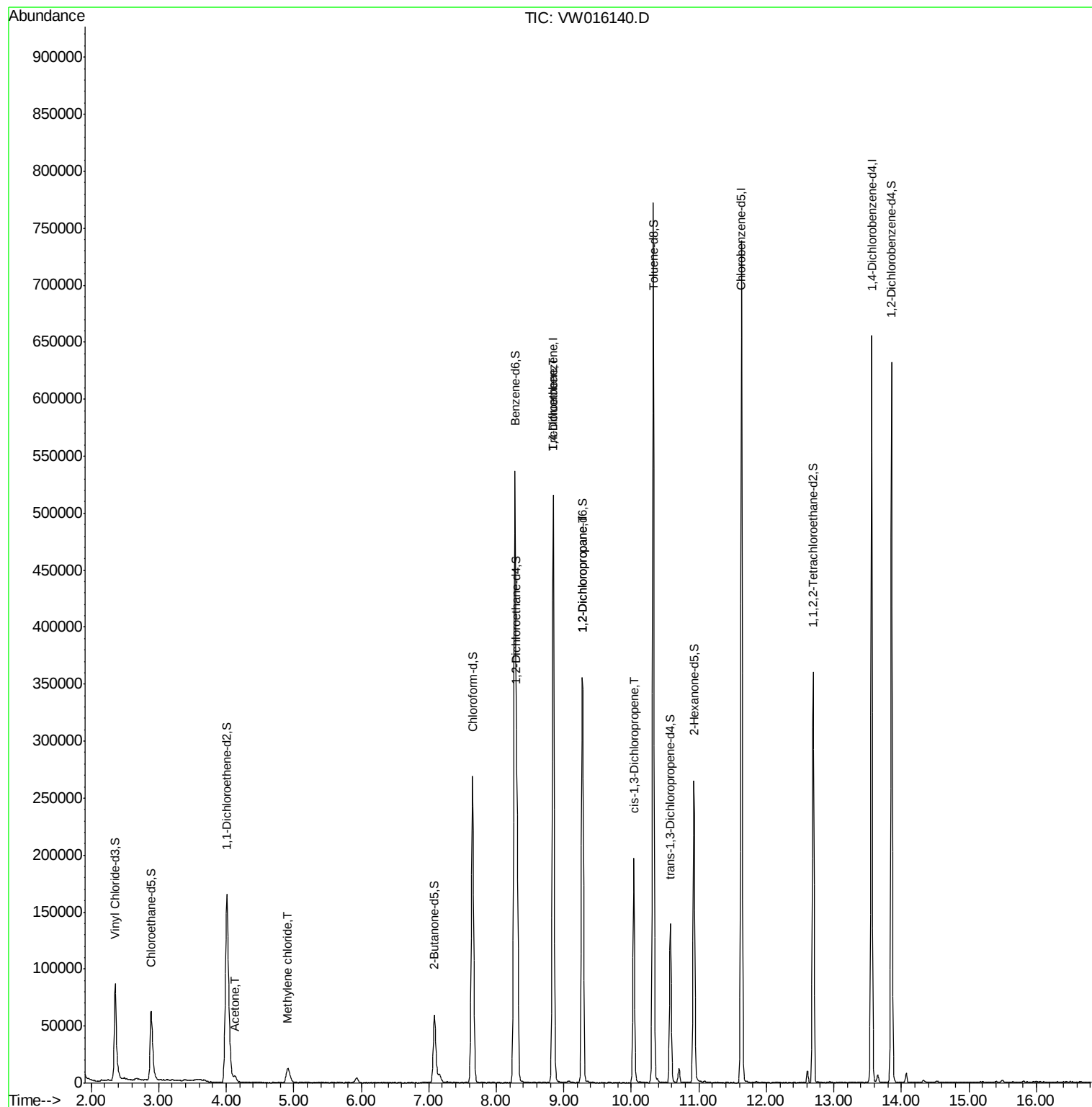
					Qvalue
13) Acetone	4.13	43	8489	7.919 ug/L	98
16) Methylene chloride	4.91	84	12610	1.839 ug/L	92
35) Trichloroethene	8.84	95	13568	2.134 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	19386	3.338 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4943	0.559 ug/L #	69

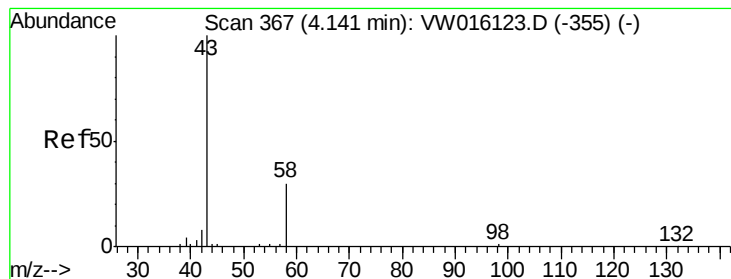
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.919 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

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ClientSampleId :

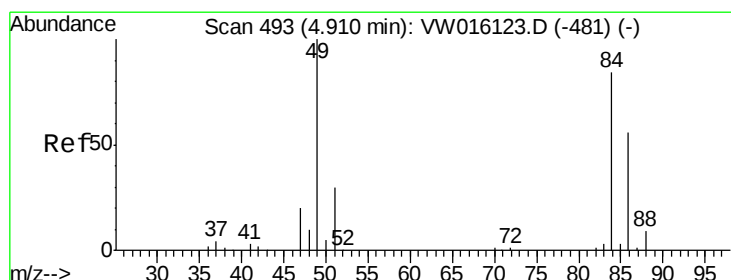
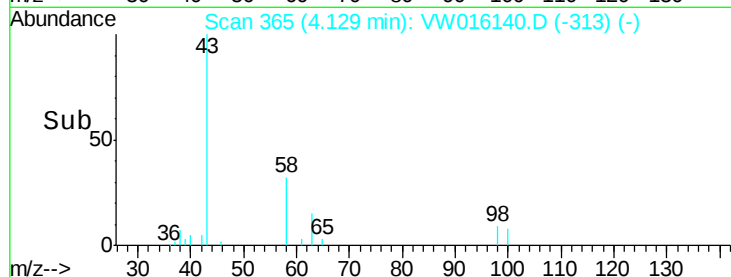
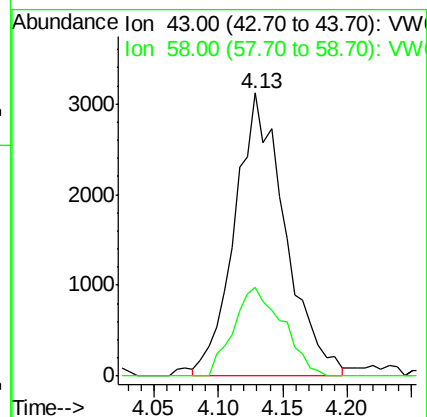
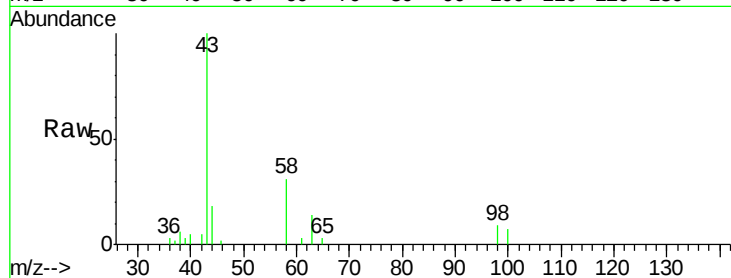
GAY73

Tgt Ion: 43 Resp: 8489

Ion Ratio Lower Upper

43 100

58 30.7 0.0 59.4



#16

Methylene chloride

Concen: 1.839 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW016140.D

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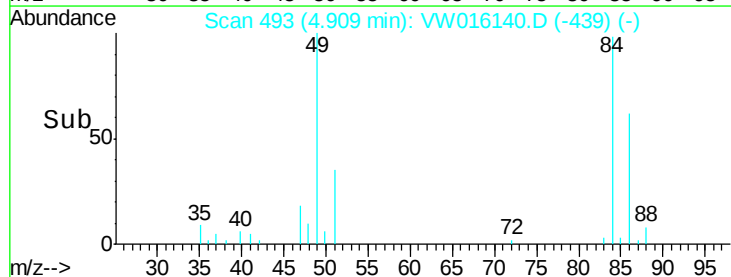
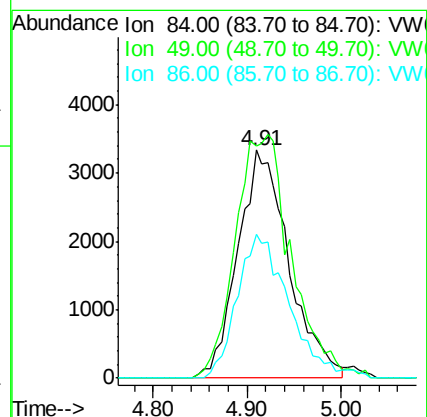
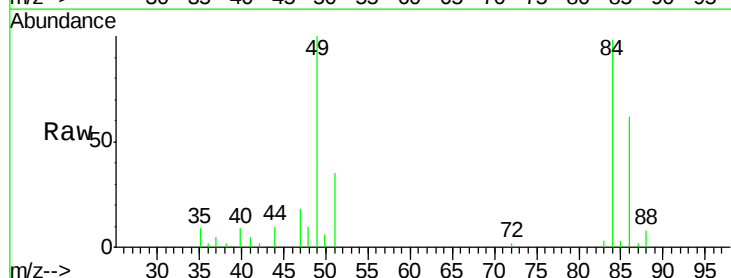
Tgt Ion: 84 Resp: 12610

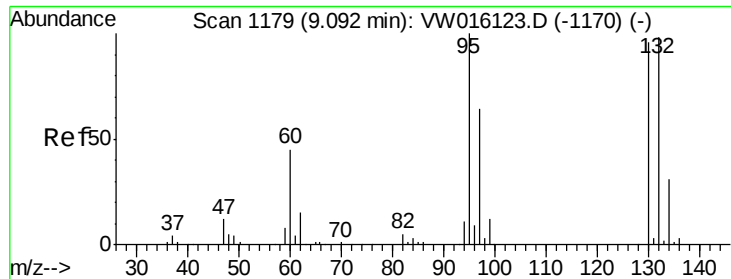
Ion Ratio Lower Upper

84 100

49 101.7 80.4 149.4

86 62.9 43.8 81.3





#35

Trichloroethene

Concen: 2.134 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016140.D

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Instrument :

MSVOA_W

ClientSampleId :

GAY73

Tgt Ion: 95 Resp: 13568

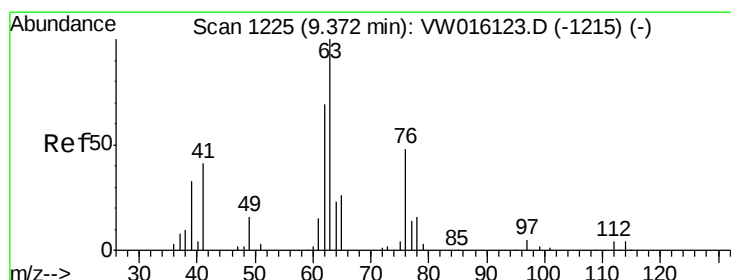
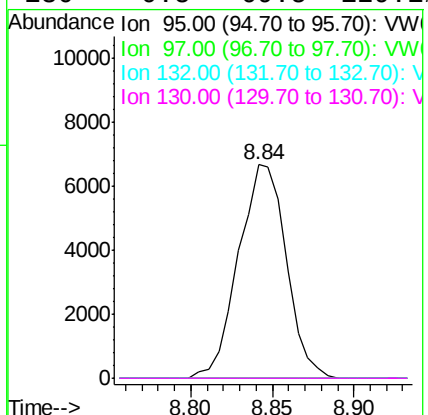
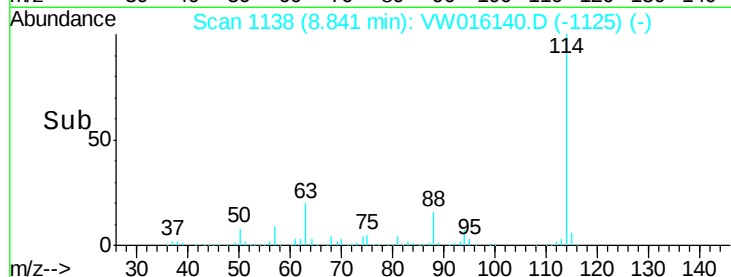
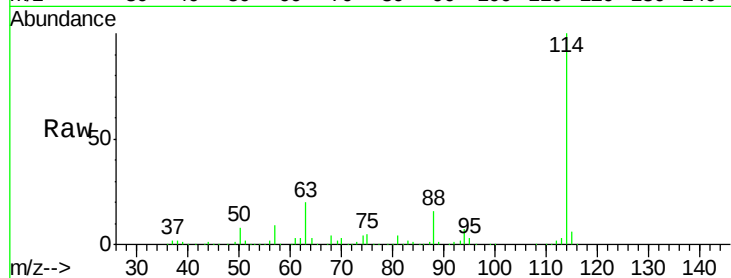
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.5 69.5 129.1#



#40

1,2-Dichloropropane

Concen: 3.338 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016140.D

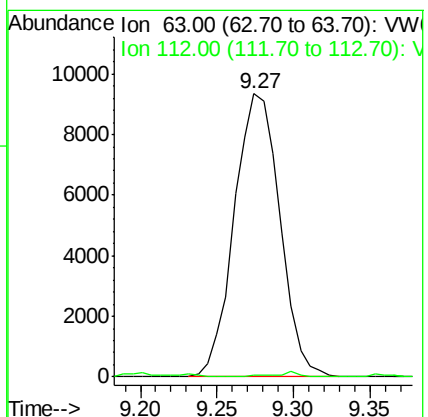
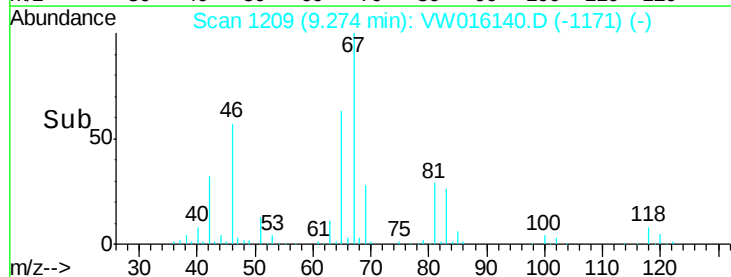
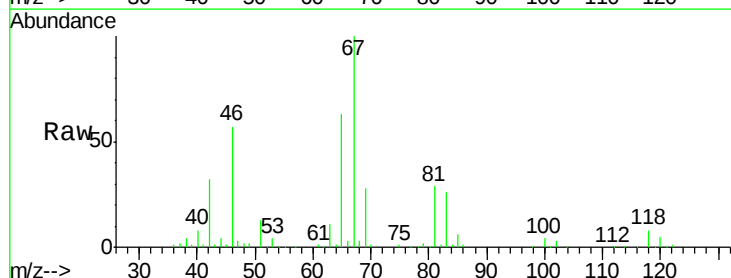
Acq: 11 Aug 2020 16:47

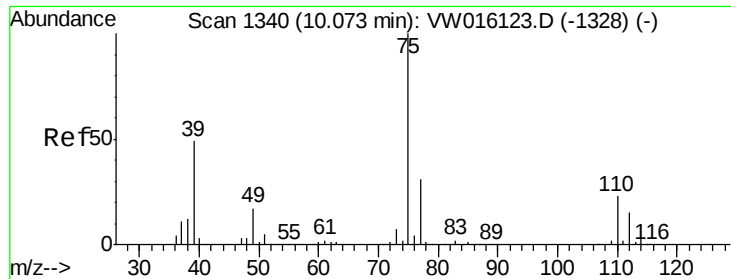
Tgt Ion: 63 Resp: 19386

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#





#42
 cis-1,3-Dichloropropene
 Concen: 0.559 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016140.D
 Acq: 11 Aug 2020 16:47

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY73

Tgt Ion: 75 Resp: 4943
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.9 42.5#

