

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016566.D
 Acq On : 15 Sep 2020 20:22
 Operator : SY/VA
 Sample : L4024-04
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J2

Quant Time: Sep 16 04:38:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	723030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	614778	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	291599	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160901	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
7) Chloroethane-d5	2.90	69	129205	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.03	63	259373	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
20) 2-Butanone-d5	7.09	46	58917	30.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.76%
24) Chloroform-d	7.65	84	335776	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	163670	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	8.28	84	672201	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.28	67	180798	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.33	98	649165	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.59	79	76488	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	10.93	63	46048	33.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117551	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	217256	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

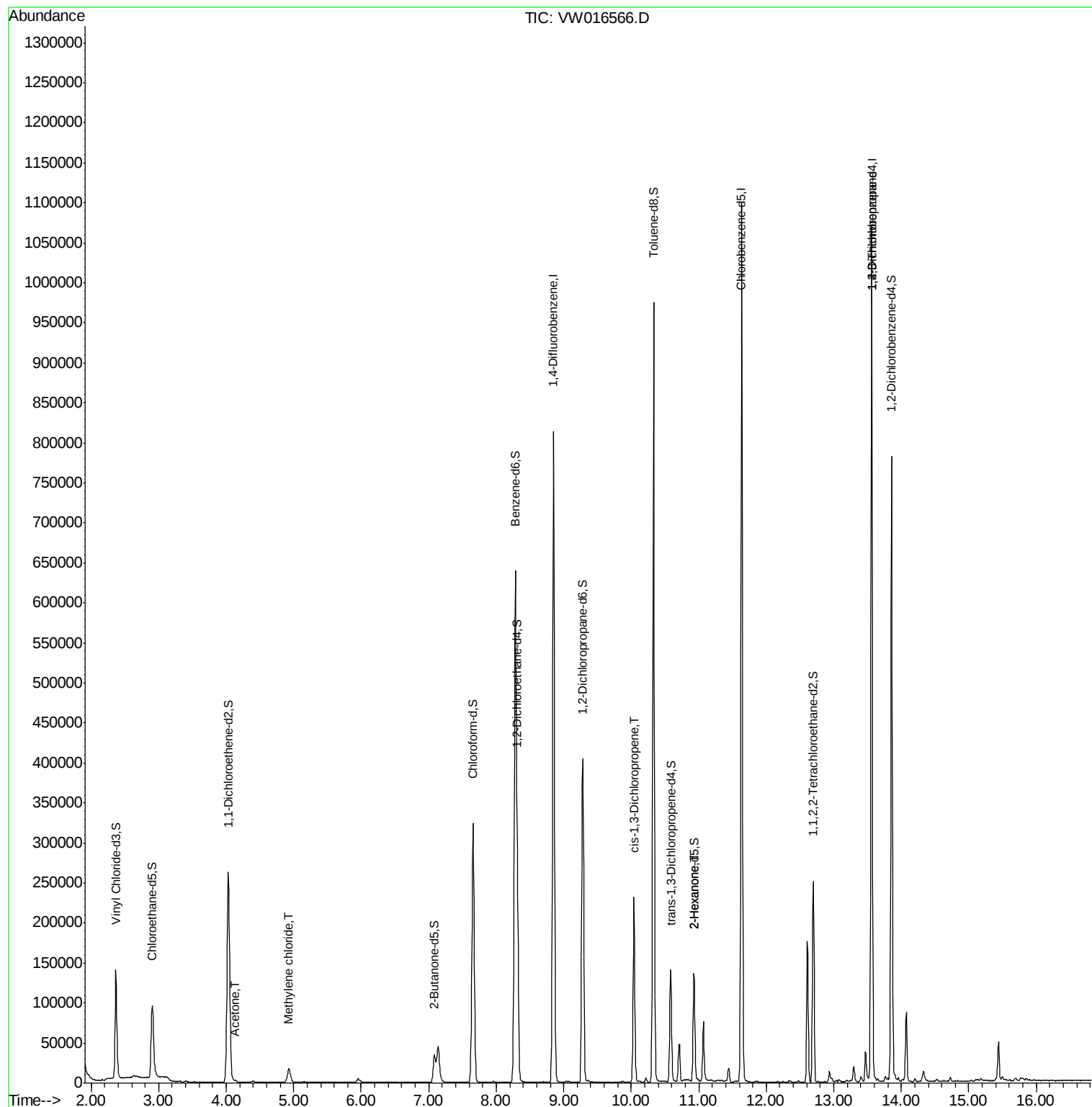
					Ovalue
13) Acetone	4.14	43	2998	2.006 ug/L	71
16) Methylene chloride	4.93	84	14195	1.273 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	6973	0.533 ug/L #	80
49) 2-Hexanone	10.93	43	5895	1.908 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	31897	5.931 ug/L	89

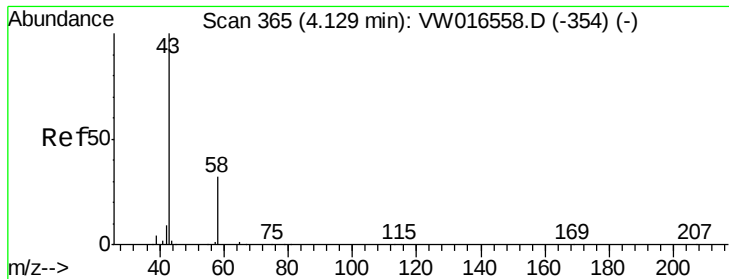
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.006 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016566.D

Acq: 15 Sep 2020 20:22

Instrument :

MSVOA_W

ClientSampled :

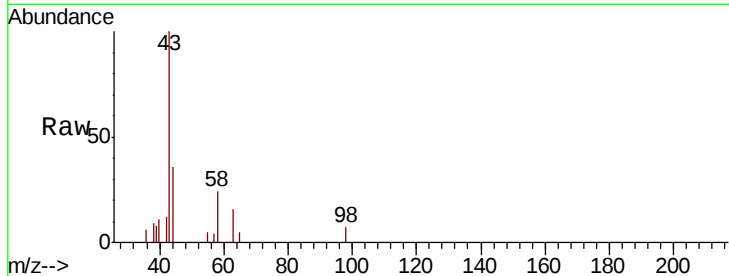
BG3J2

Tot Ion: 43 Resp: 2998

Ion Ratio Lower Upper

43 100

58 14.3 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

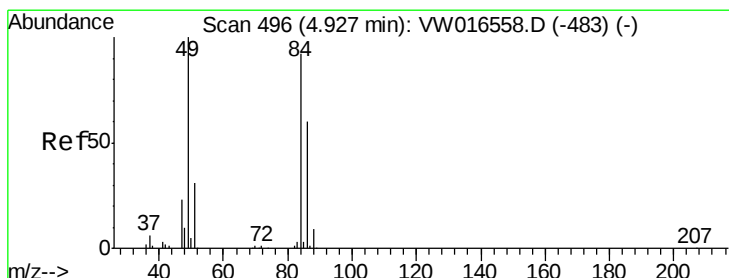
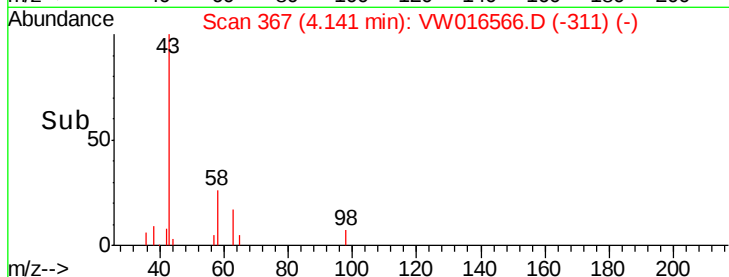
1500

1000

500

0

Time--> 4.05 4.10 4.15



#16

Methylene chloride

Concen: 1.273 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016566.D

Acq: 15 Sep 2020 20:22

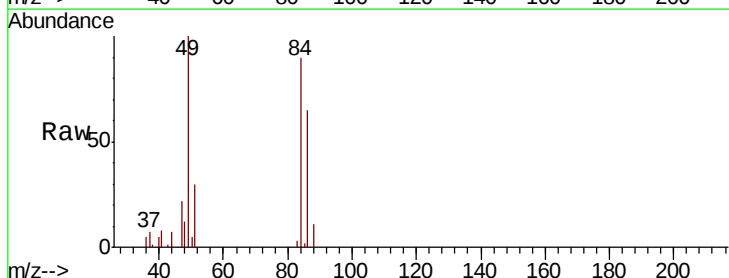
Tgt Ion: 84 Resp: 14195

Ion Ratio Lower Upper

84 100

49 110.8 76.0 141.2

86 72.5 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

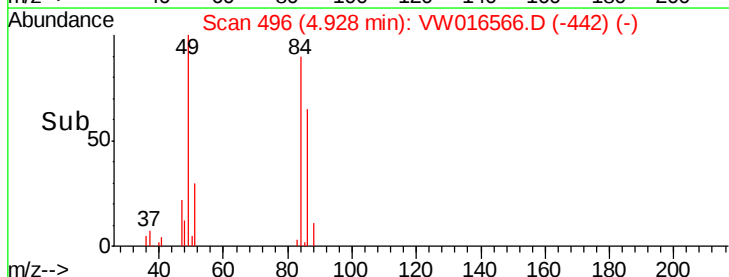
6000

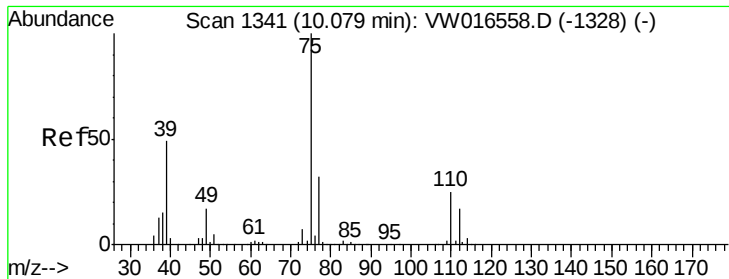
4000

2000

0

Time--> 4.80 4.90 5.00

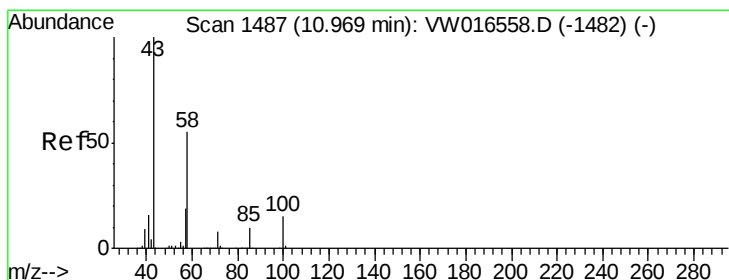
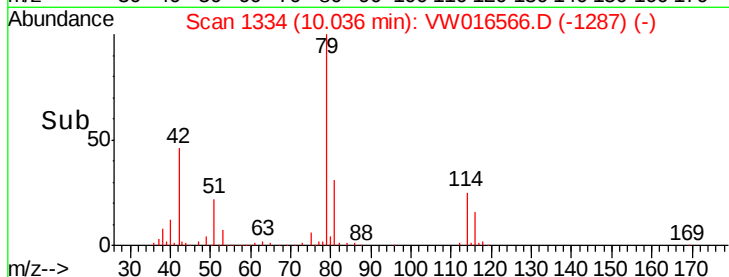
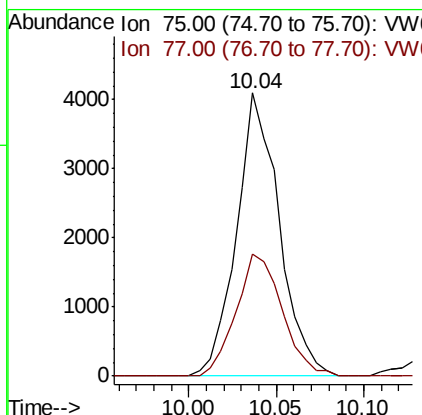
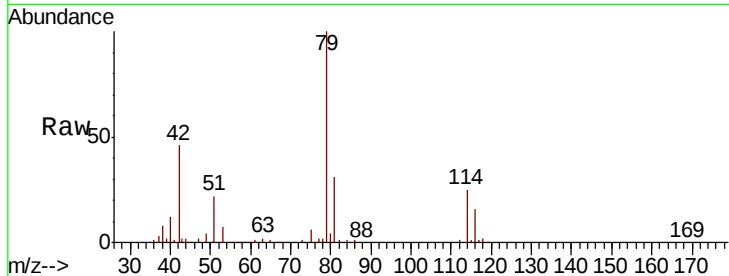




#42
 cis-1,3-Dichloropropene
 Concen: 0.533 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016566.D
 Acq: 15 Sep 2020 20:22

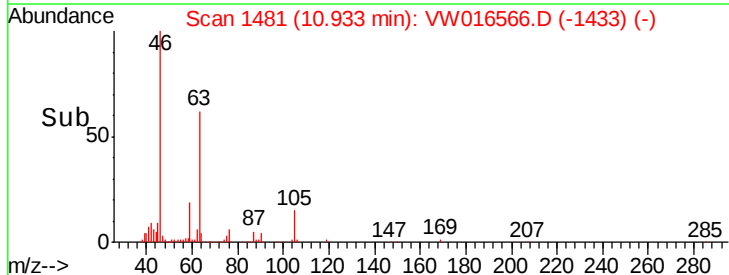
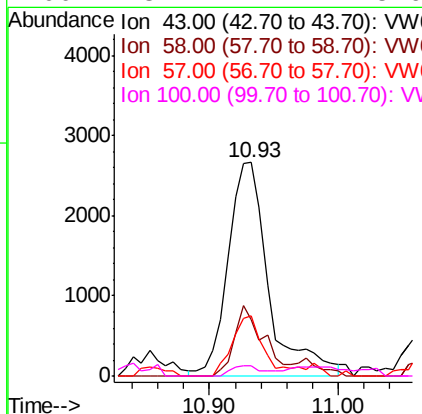
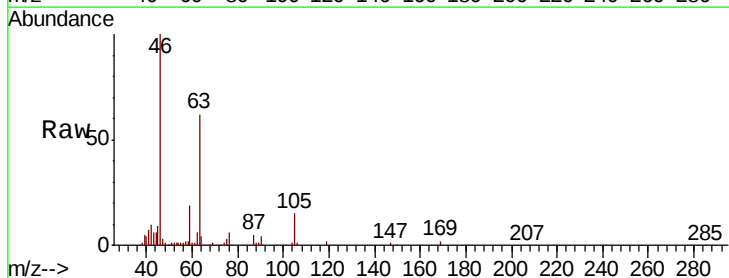
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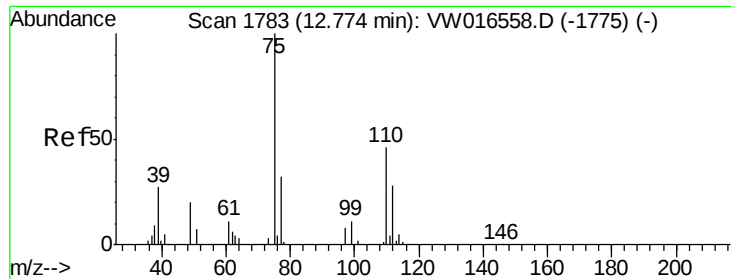
Tot Ion: 75 Resp: 6973
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.2 41.2#



#49
 2-Hexanone
 Concen: 1.908 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW016566.D
 Acq: 15 Sep 2020 20:22

Tgt Ion: 43 Resp: 5895
 Ion Ratio Lower Upper
 43 100
 58 24.2 44.2 66.2#
 57 20.3 16.3 24.5
 100 3.1 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 5.931 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016566.D

Acq: 15 Sep 2020 20:22

Instrument :

MSVOA_W

ClientSampleId :

BG3J2

Tot Ion: 75 Resp: 31897

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.4

