

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015628.D
 Acq On : 18 Jun 2020 11:54
 Operator : SY/VA
 Sample : L3027-06
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K9

Quant Time: Jun 19 07:31:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	260786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67406	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.80%
7) Chloroethane-d5	2.89	69	55609	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	4.01	63	100948	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
20) 2-Butanone-d5	7.08	46	35736	45.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.60%
24) Chloroform-d	7.65	84	129981	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	8.31	65	76597	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.32%
29) Benzene-d6	8.27	84	254521	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.27	67	75936	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.80%
37) Toluene-d8	10.32	98	234755	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	30783	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.32%
39) 2-Hexanone-d5	10.93	63	26383	42.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	58768	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	78750	21.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.12%

Target Compounds

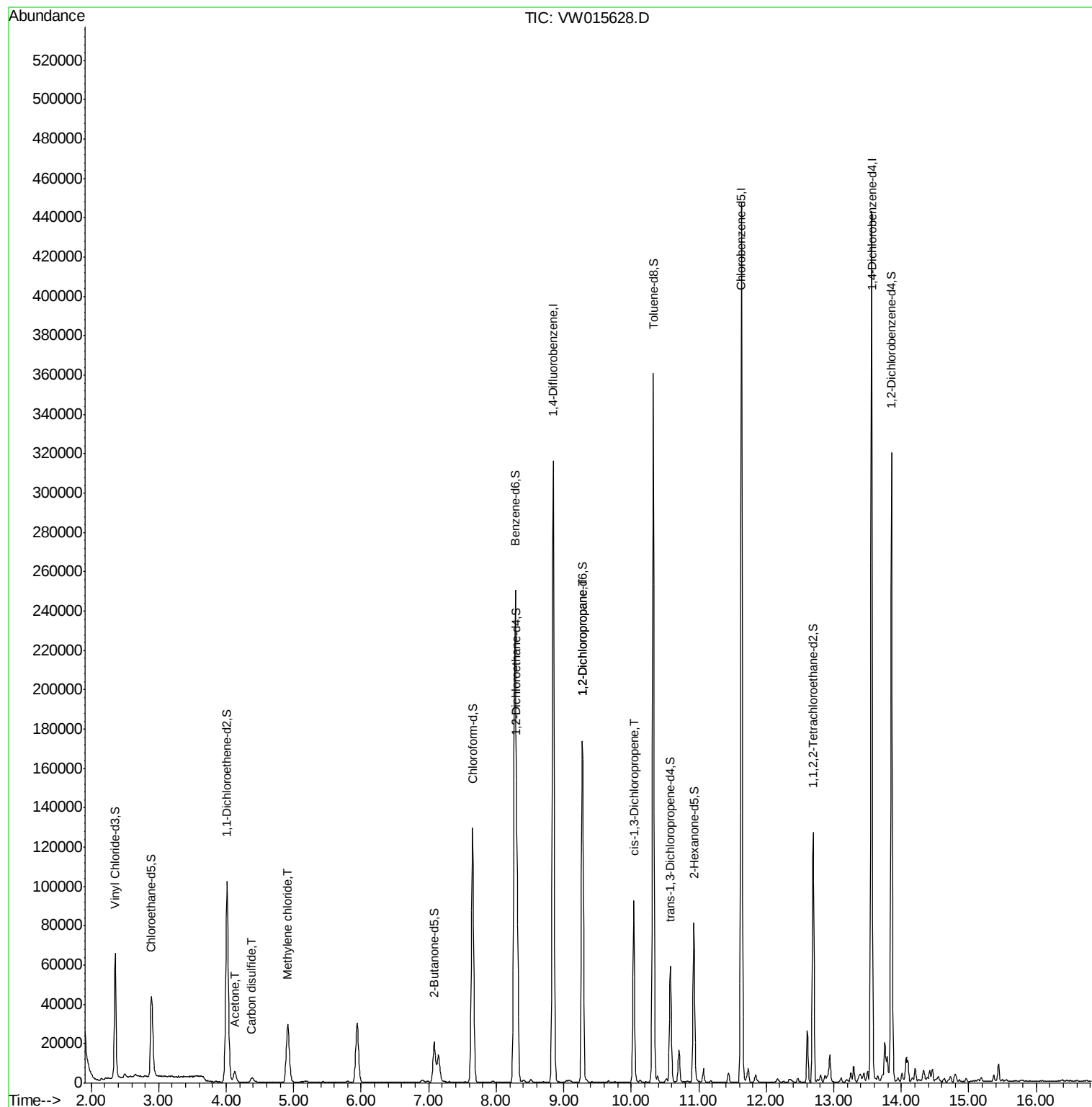
					Ovalue
13) Acetone	4.13	43	7738	12.828 ug/L	98
14) Carbon disulfide	4.37	76	2338	0.225 ug/L	100
16) Methylene chloride	4.92	84	22391	6.996 ug/L	92
40) 1,2-Dichloropropane	9.27	63	9400	2.840 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2366	0.447 ug/L #	65

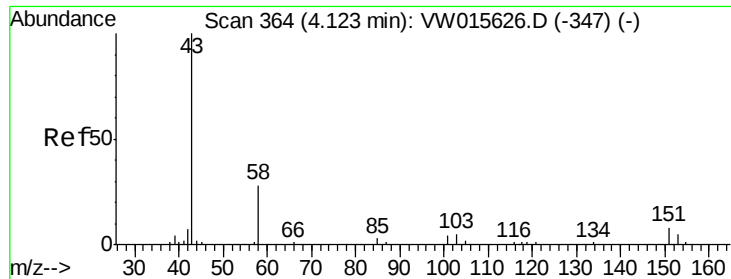
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.828 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015628.D

Acq: 18 Jun 2020 11:54

Instrument :

MSVOA_W

ClientSampled :

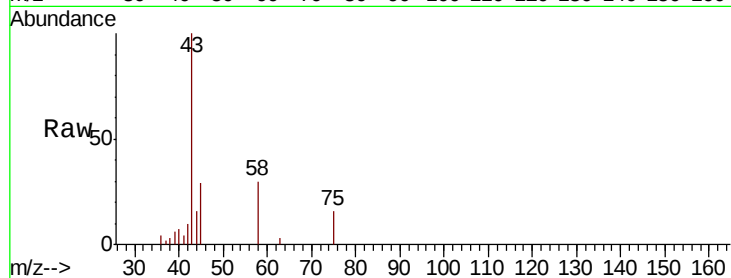
BG2K9

Tot Ion: 43 Resp: 7738

Ion Ratio Lower Upper

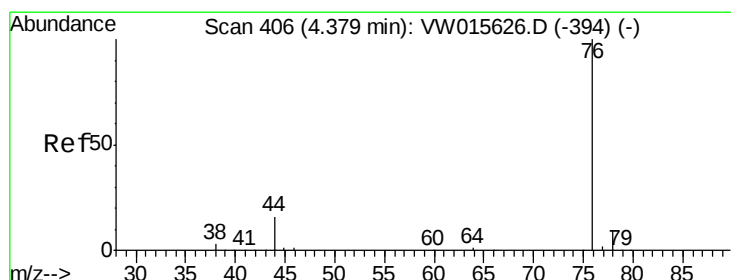
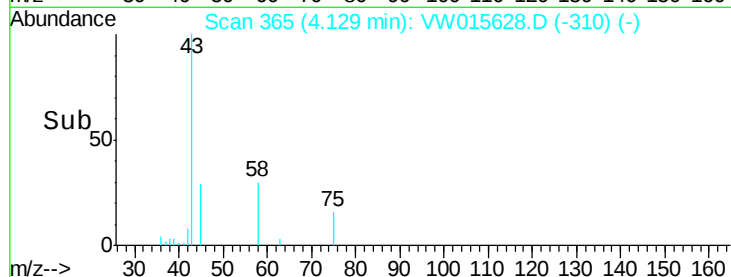
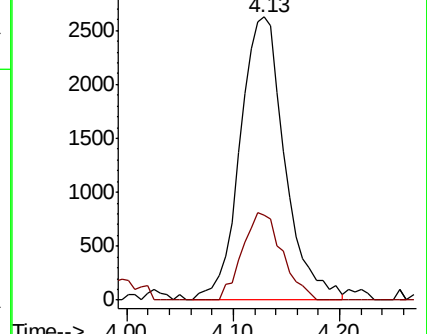
43 100

58 27.6 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.225 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015628.D

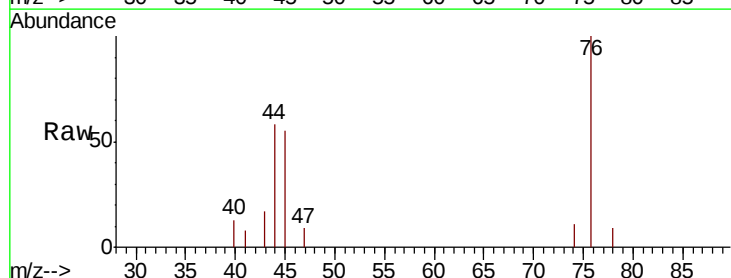
Acq: 18 Jun 2020 11:54

Tgt Ion: 76 Resp: 2338

Ion Ratio Lower Upper

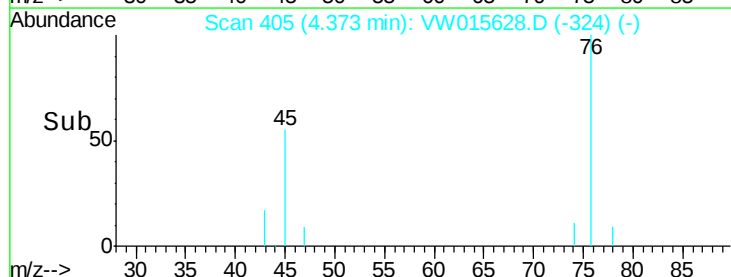
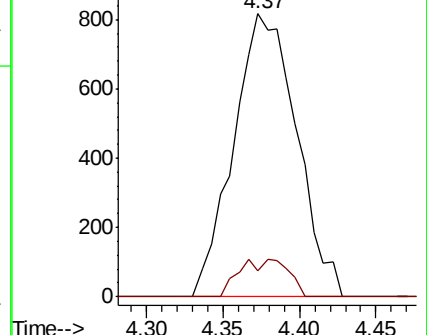
76 100

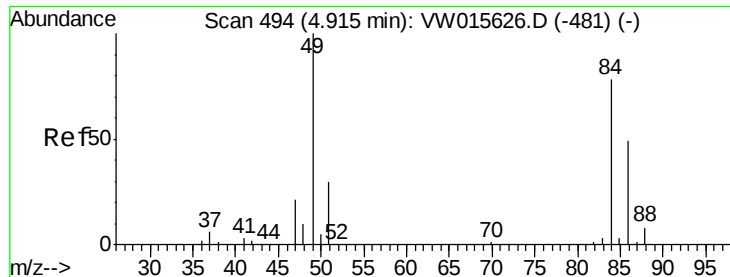
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

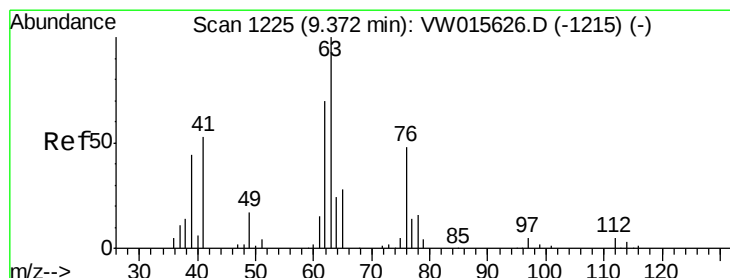
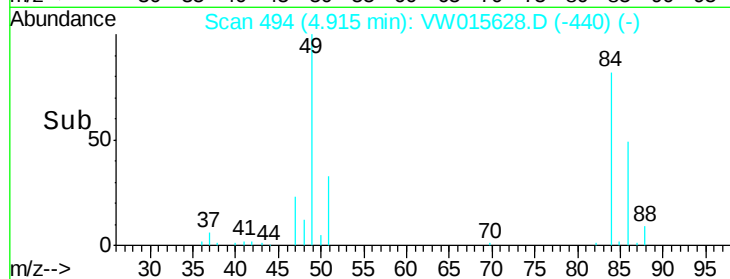
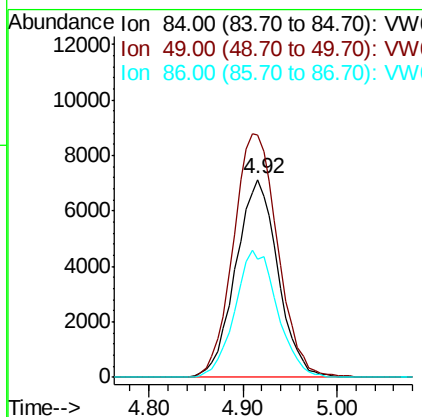
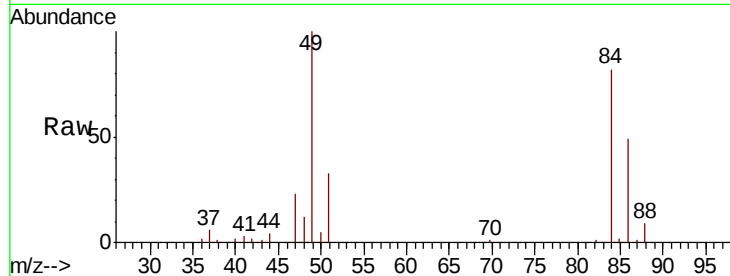




#16
Methvlene chloride
Concen: 6.996 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015628.D
Acq: 18 Jun 2020 11:54

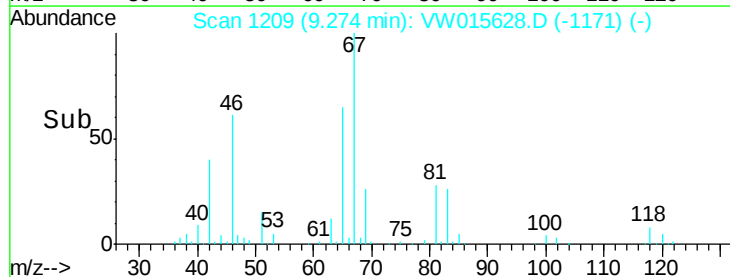
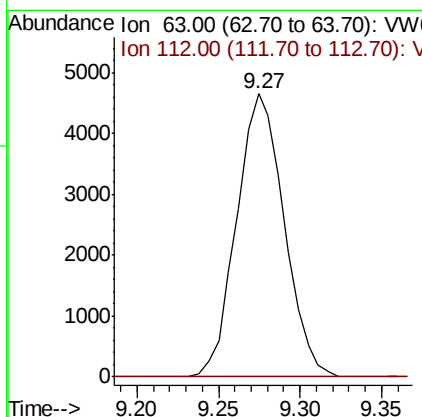
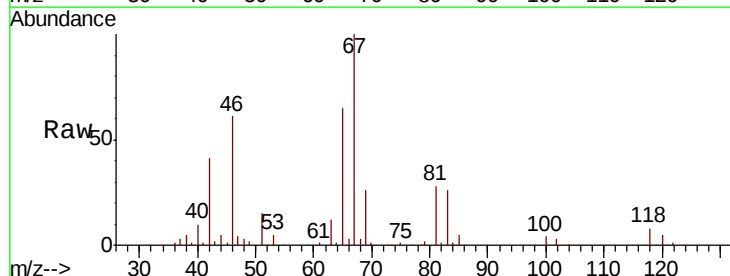
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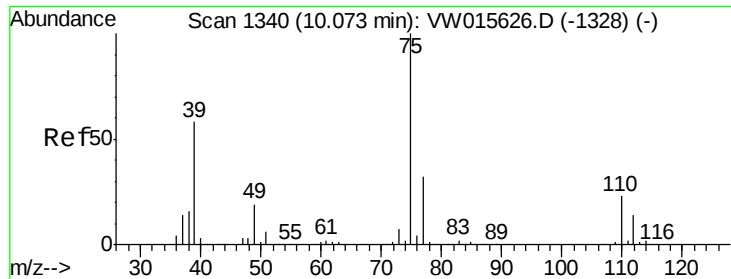
Tot Ion: 84 Resp: 22391
Ion Ratio Lower Upper
84 100
49 122.2 93.0 172.8
86 59.6 44.7 83.1



#40
1,2-Dichloropropane
Concen: 2.840 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015628.D
Acq: 18 Jun 2020 11:54

Tgt Ion: 63 Resp: 9400
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42
 cis-1,3-Dichloropropene
 Concen: 0.447 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015628.D
 Acq: 18 Jun 2020 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K9

Tot Ion: 75 Resp: 2366
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.3 41.5#

