

Data File : VW014775.D
Acq On : 27 Jan 2020 19:39
Operator : SY/VA
Sample : L1271-13
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT04

Quant Time: Jan 28 07:21:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350568	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137306	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110815	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.84%
7) Chloroethane-d5	2.89	69	99136	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.04%
10) 1,1-Dichloroethene-d2	4.01	63	153123	15.24	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	7.07	46	99366	63.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.04%
24) Chloroform-d	7.65	84	210182	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.39	65	282	0.05	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.20%#
29) Benzene-d6	8.27	84	419648	19.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.24%
33) 1,2-Dichloropropane-d6	9.27	67	140847	21.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.48%
37) Toluene-d8	10.32	98	347505	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.76%
38) trans-1,3-Dichloropropene-	10.57	79	57039	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.92	63	65096	52.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131578	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	118488	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

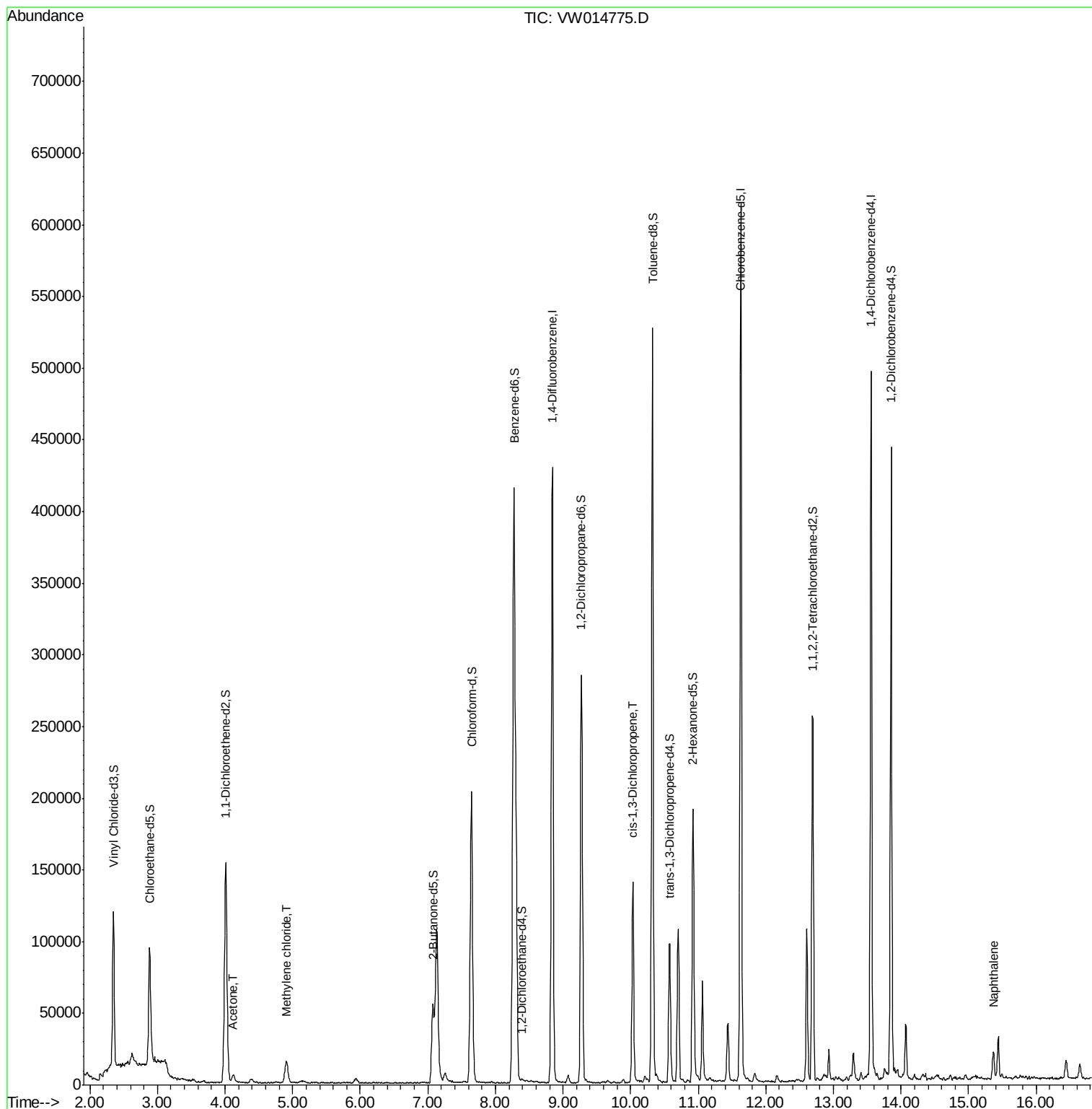
Target Compounds					Qvalue
13) Acetone	4.12	43	9502	5.627 ug/L	97
16) Methylene chloride	4.91	84	10969	1.851 ug/L	93
42) cis-1,3-Dichloropropene	10.03	75	3592	0.444 ug/L #	31
69) Naphthalene	15.36	128	16081	1.825 ug/L #	93

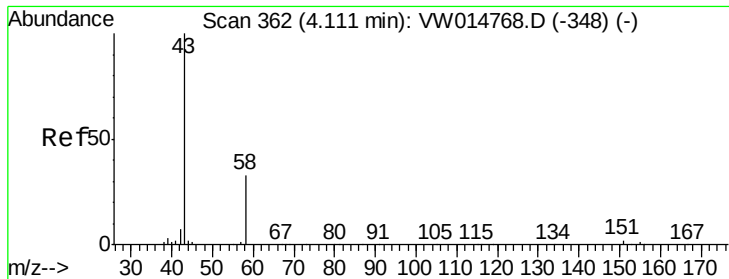
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.627 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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ClientSampleId :

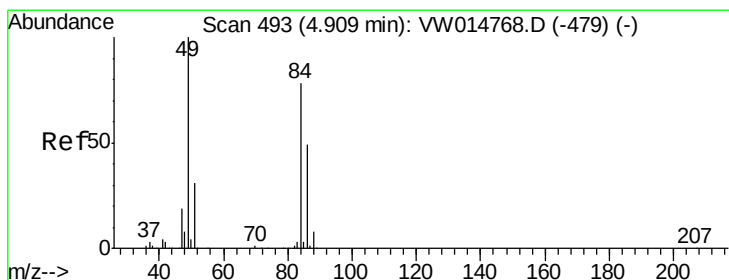
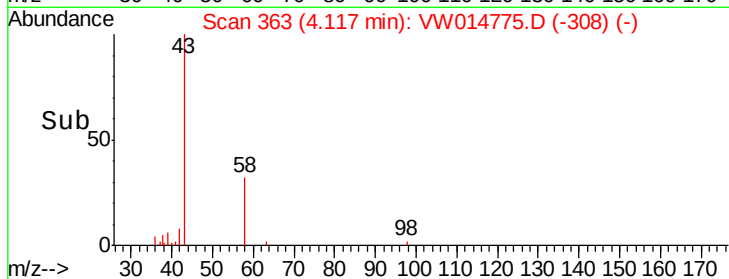
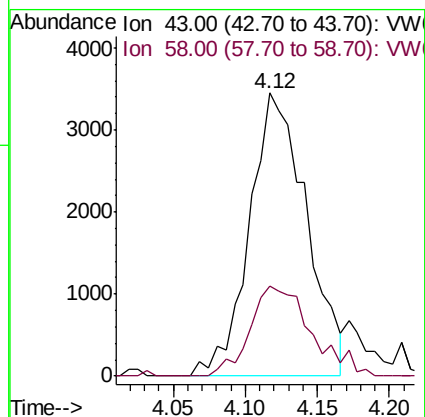
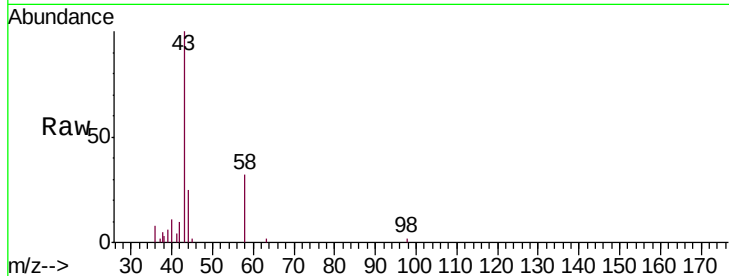
GAT04

Tgt Ion: 43 Resp: 9502

Ion Ratio Lower Upper

43 100

58 34.1 0.0 64.6



#16

Methylene chloride

Concen: 1.851 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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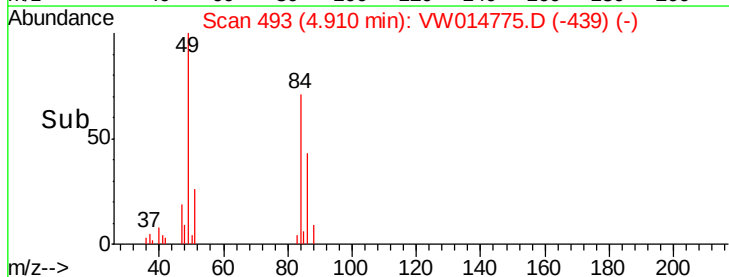
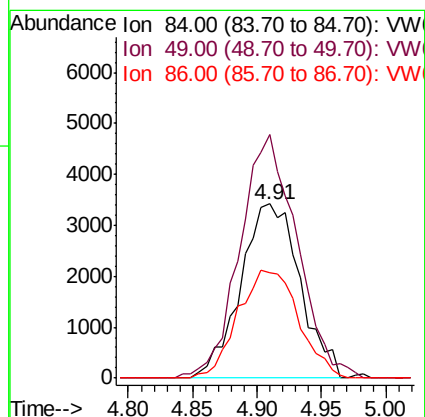
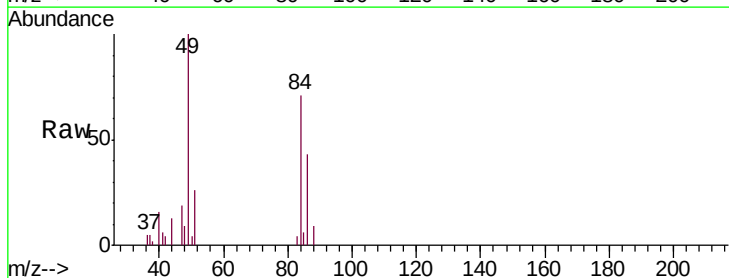
Tgt Ion: 84 Resp: 10969

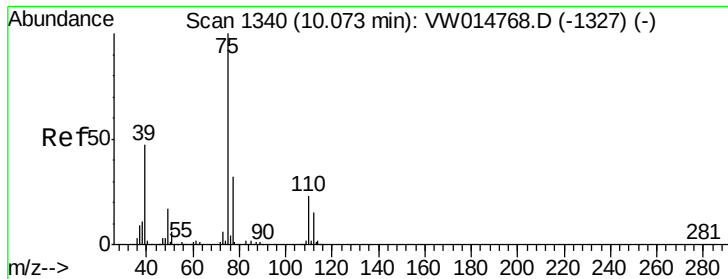
Ion Ratio Lower Upper

84 100

49 140.0 90.9 168.7

86 60.4 43.5 80.7





#42

cis-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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ClientSampleId :

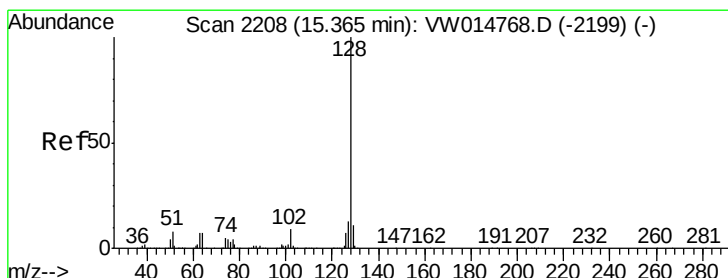
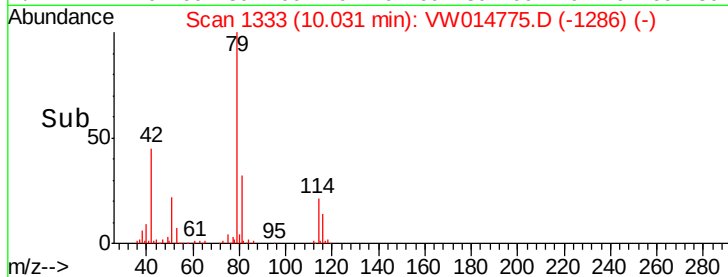
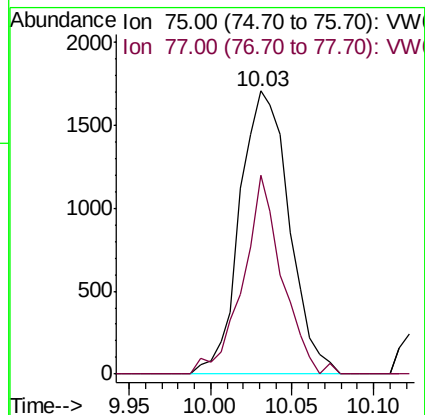
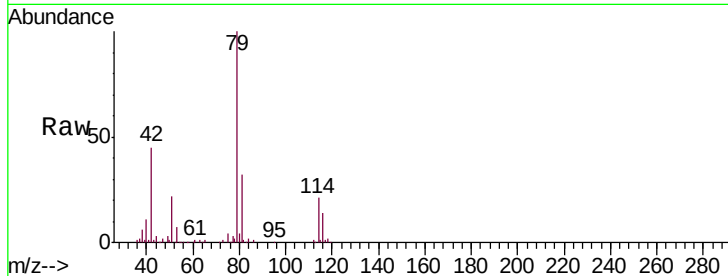
GAT04

Tgt Ion: 75 Resp: 3592

Ion Ratio Lower Upper

75 100

77 70.1 22.3 41.3#



#69

Naphthalene

Concen: 1.825 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

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Acq: 27 Jan 2020 19:39

Tgt Ion: 128 Resp: 16081

Ion Ratio Lower Upper

128 100

129 12.7 8.6 13.0

127 16.2 10.5 15.7#

