

Data File : VW014776.D
Acq On : 27 Jan 2020 20:05
Operator : SY/VA
Sample : L1271-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT05

Quant Time: Jan 28 07:22:02 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	976461	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	864938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	369385	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	349941	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.89	69	257436	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
10) 1,1-Dichloroethene-d2	4.01	63	353170	12.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.48%
20) 2-Butanone-d5	7.07	46	176519	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
24) Chloroform-d	7.65	84	563949	20.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.68%
26) 1,2-Dichloroethane-d4	8.42	65	215	0.01	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1173304	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	368557	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.12%
37) Toluene-d8	10.32	98	1028167	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.57	79	140730	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
39) 2-Hexanone-d5	10.92	63	133726	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	280112	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	327539	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

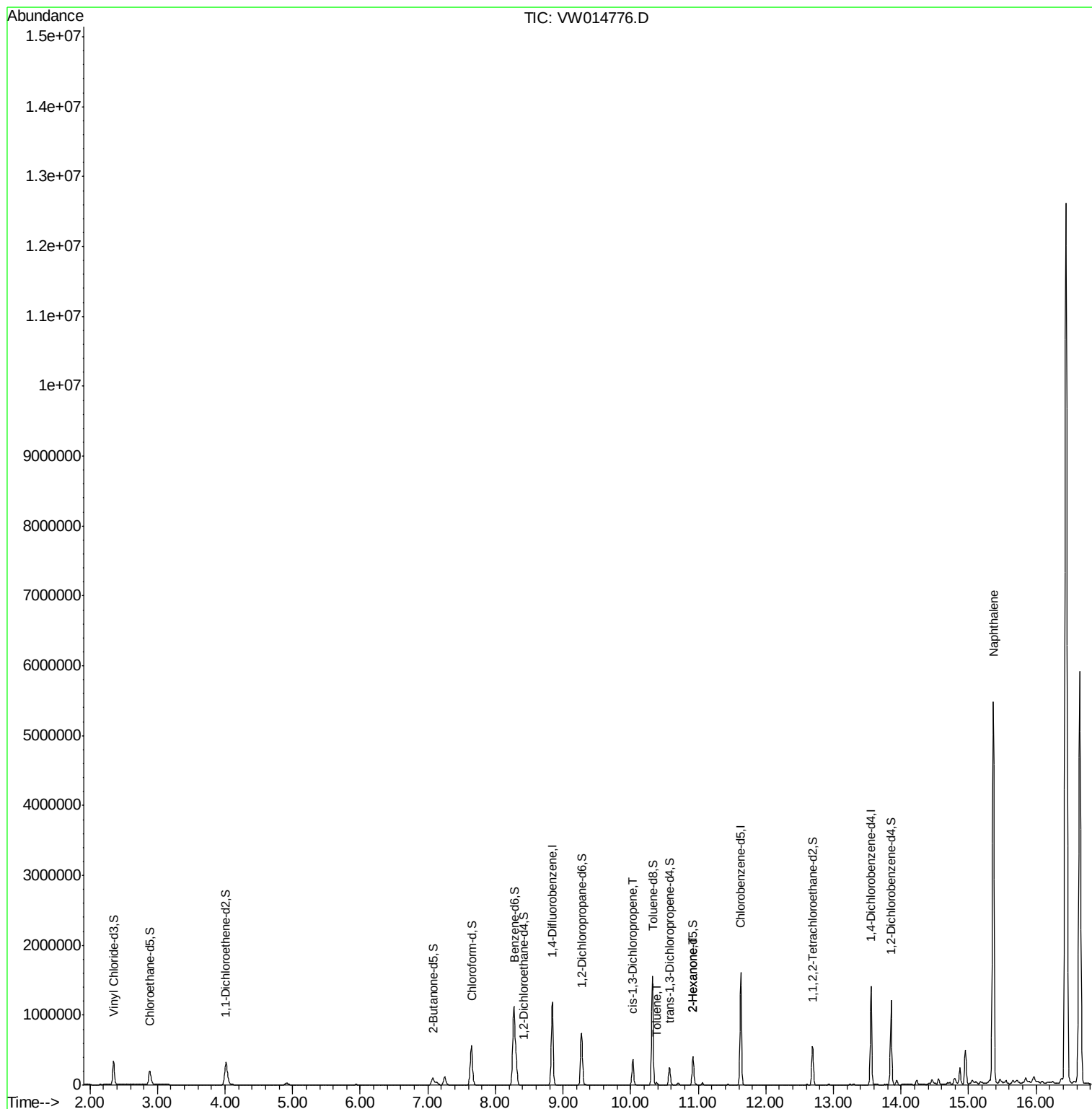
Target Compounds						Qvalue
42) cis-1,3-Dichloropropene	10.03	75	8665	0.422	ug/L #	75
44) Toluene	10.38	91	29838	0.530	ug/L	95
49) 2-Hexanone	10.93	43	17510	2.638	ug/L #	68
69) Naphthalene	15.36	128	4626423	195.138	ug/L	100

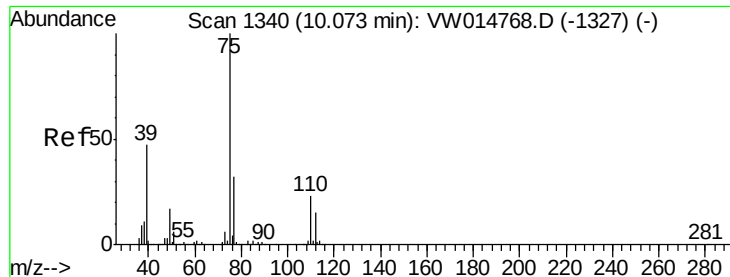
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014776.D

Acq: 27 Jan 2020 20:05

Instrument :

MSVOA_W

ClientSampled :

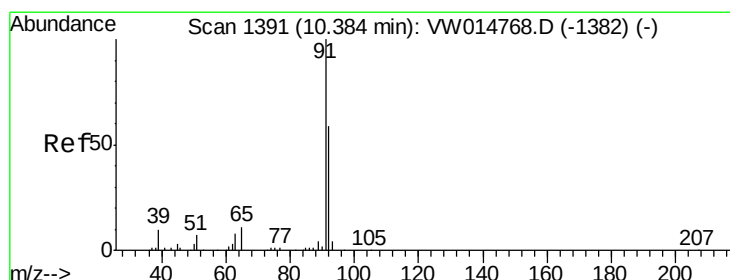
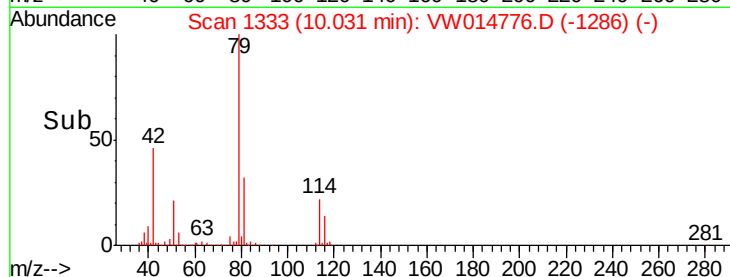
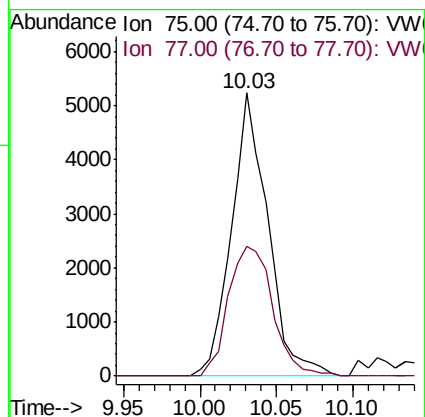
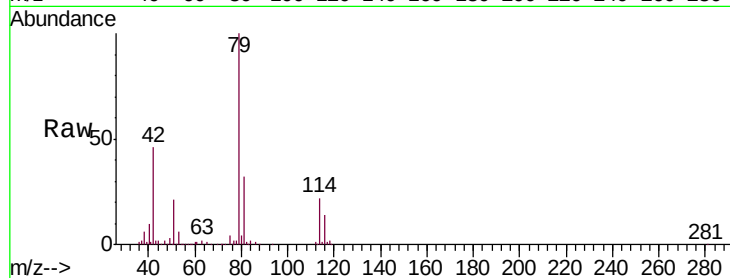
GAT05

Tgt Ion: 75 Resp: 8665

Ion Ratio Lower Upper

75 100

77 45.9 22.3 41.3#



#44

Toluene

Concen: 0.530 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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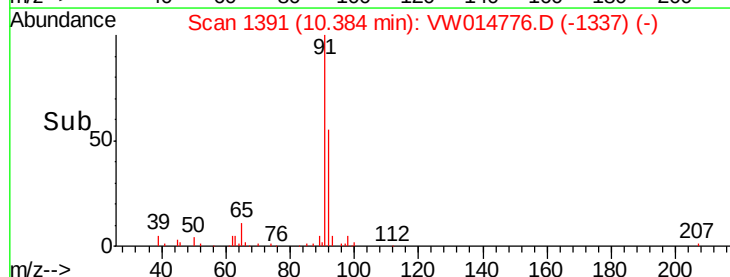
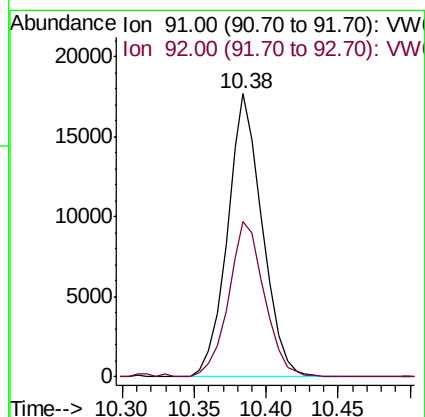
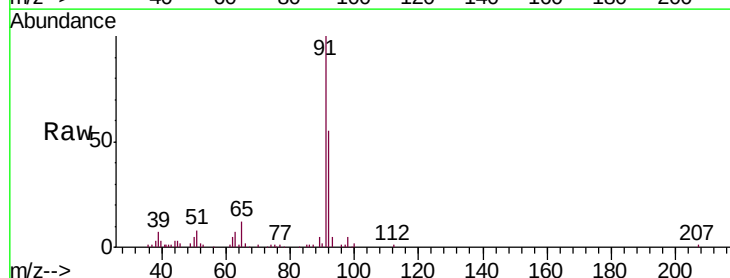
Acq: 27 Jan 2020 20:05

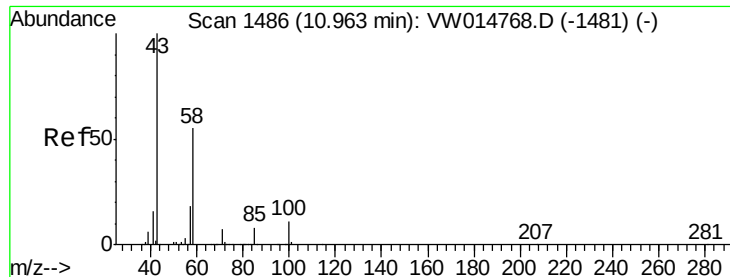
Tgt Ion: 91 Resp: 29838

Ion Ratio Lower Upper

91 100

92 54.7 40.7 75.7





#49

2-Hexanone

Concen: 2.638 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014776.D

Acq: 27 Jan 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

GAT05

Tgt Ion: 43 Resp: 17510

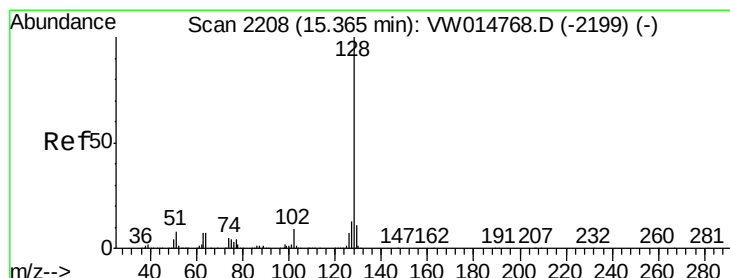
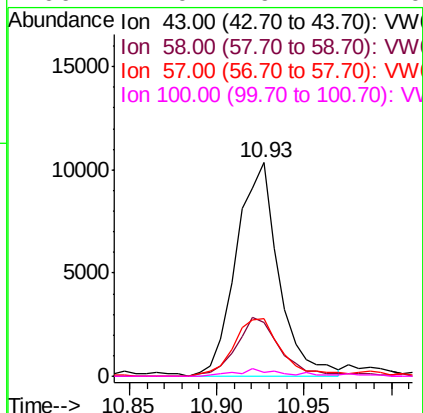
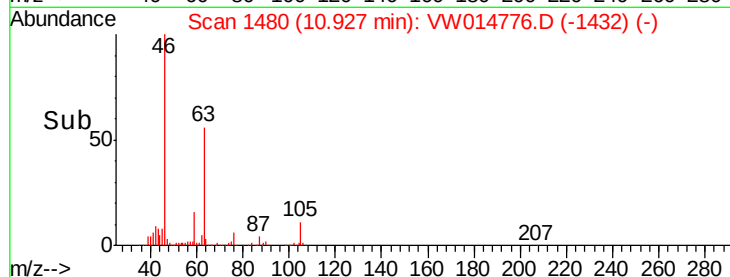
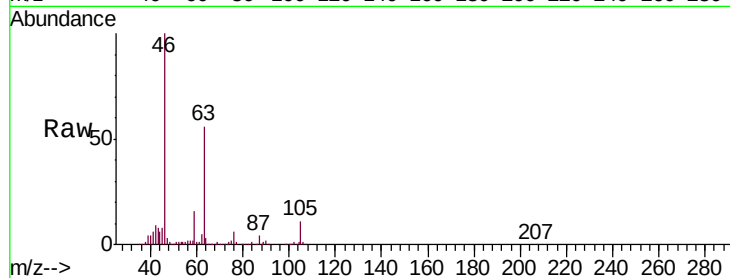
Ion Ratio Lower Upper

43 100

58 28.1 43.2 64.8#

57 30.2 14.7 22.1#

100 2.0 9.4 14.0#



#69

Naphthalene

Concen: 195.138 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

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Acq: 27 Jan 2020 20:05

Tgt Ion: 128 Resp: 4626423

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.2 10.5 15.7

