

Data File : VW014707.D
Acq On : 21 Jan 2020 11:52
Operator : SY/VA
Sample : L1193-13RE
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASP4

Quant Time: Jan 22 01:36:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 22 01:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	912789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	729128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	236472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	248816	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	207735	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.01	63	361965	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.07	46	129429	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
24) Chloroform-d	7.64	84	462146	22.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	8.30	65	241491	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.27	84	974784	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.27	67	300877	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	813152	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.57	79	107671	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	10.92	63	93268	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185563	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	171450	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds

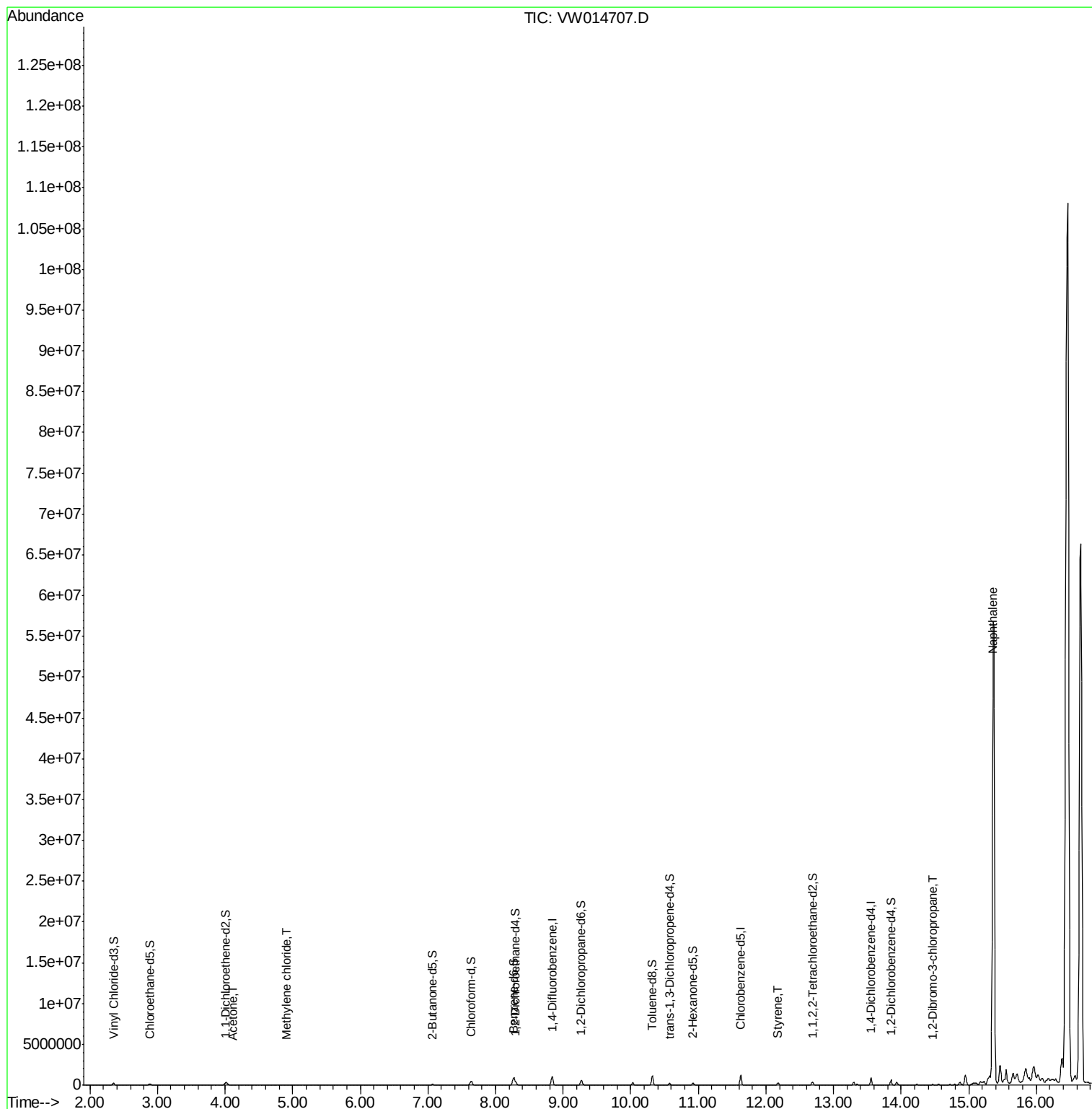
					Qvalue
13) Acetone	4.12	43	25800	6.086 ug/L	96
16) Methylene chloride	4.91	84	41611	2.796 ug/L	96
56) Styrene	12.18	104	140662	4.638 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.46	75	1794	1.805 ug/L #	1
69) Naphthalene	15.35	128	3486124	242.891 ug/L #	1

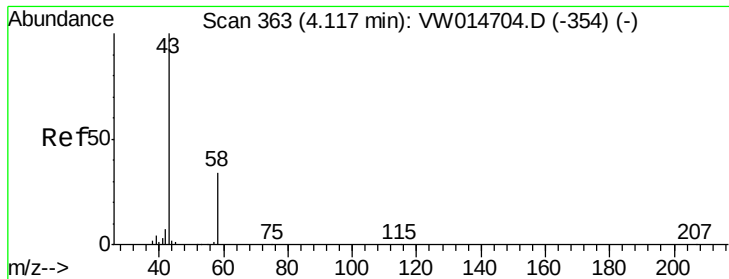
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.086 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

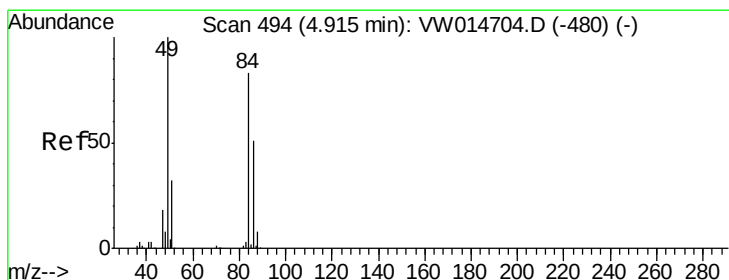
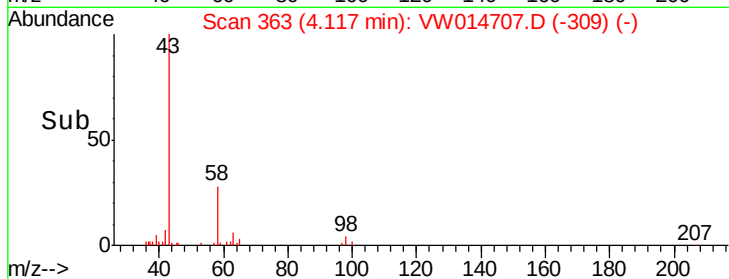
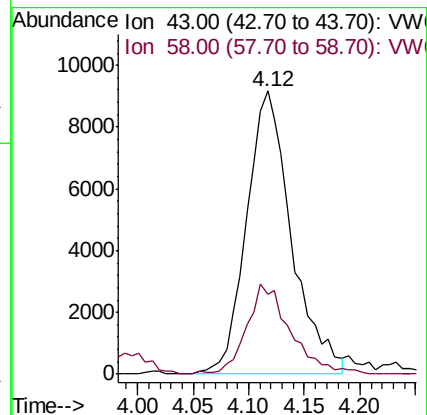
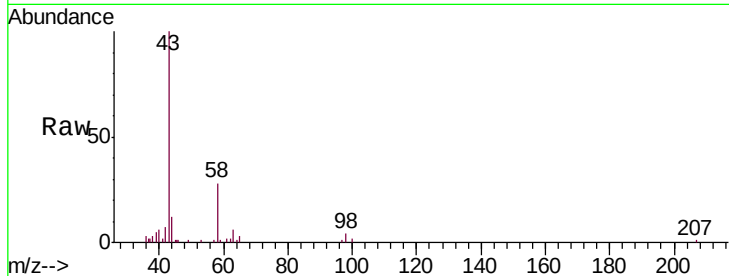
GASP4

Tgt Ion: 43 Resp: 25800

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.0



#16

Methylene chloride

Concen: 2.796 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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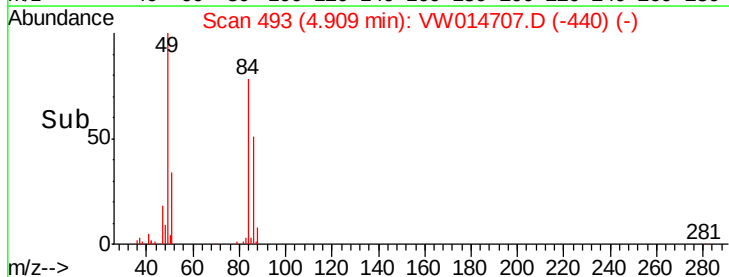
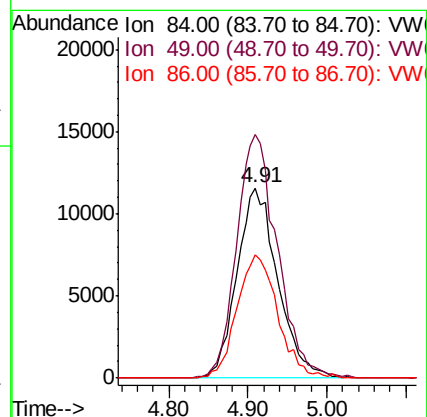
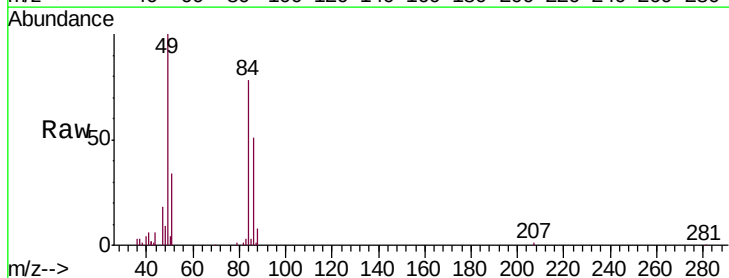
Tgt Ion: 84 Resp: 41611

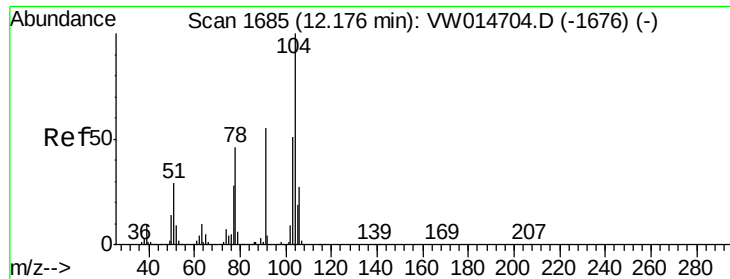
Ion Ratio Lower Upper

84 100

49 127.9 85.8 159.4

86 64.8 44.5 82.7





#56

Styrene

Concen: 4.638 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

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ClientSampleId :

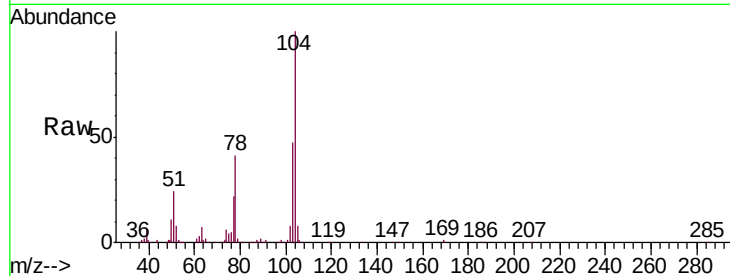
GASP4

Tgt Ion:104 Resp: 140662

Ion Ratio Lower Upper

104 100

78 41.2 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

12.18

80000

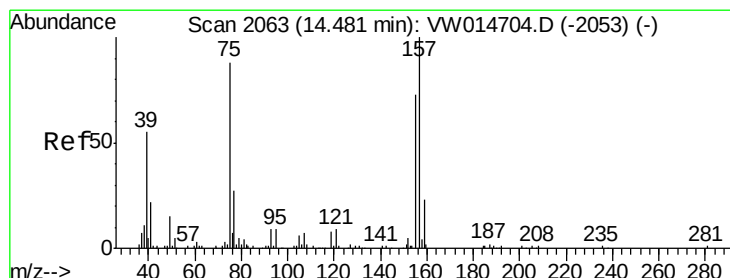
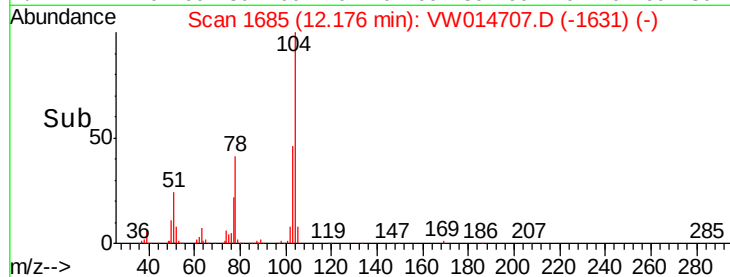
60000

40000

20000

0

Time--> 12.10 12.15 12.20



#66

1,2-Dibromo-3-chloropropane

Concen: 1.805 ug/L

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

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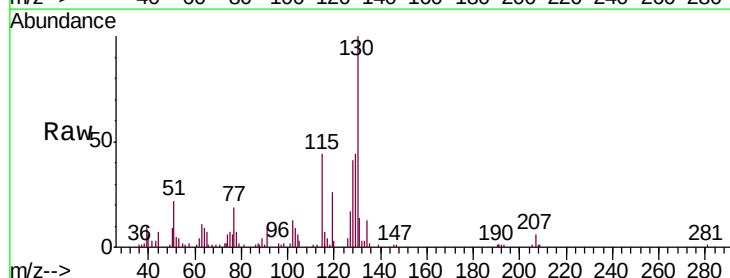
Tgt Ion: 75 Resp: 1794

Ion Ratio Lower Upper

75 100

157 0.0 87.2 130.8#

155 0.0 67.8 101.8#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

14.46

1000

800

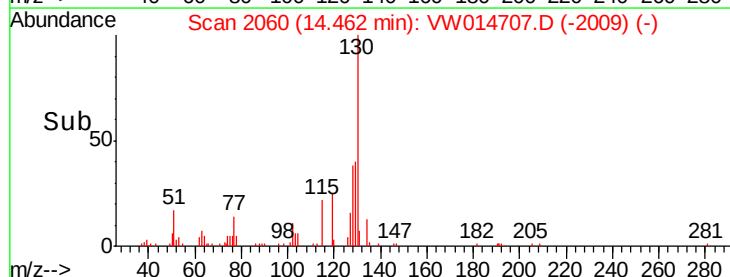
600

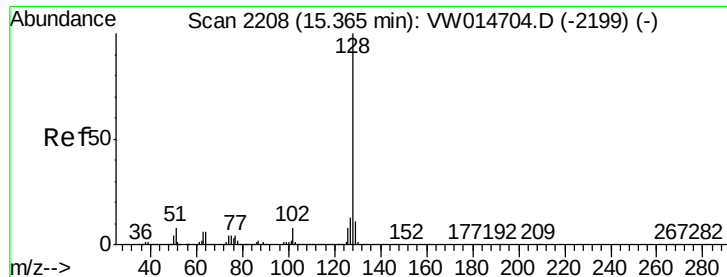
400

200

0

Time--> 14.40 14.50





#69

Naphthalene

Concen: 242.891 ug/L

RT: 15.35 min Scan# 2206

Delta R.T. -0.01 min

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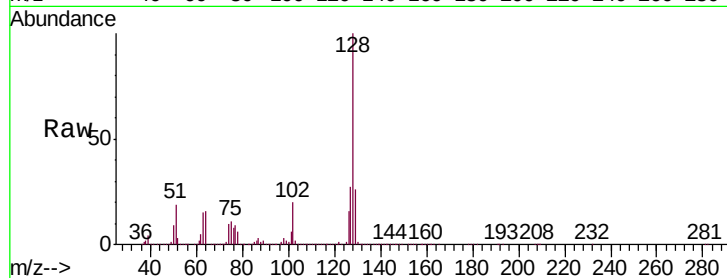
Acq: 21 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

GASP4



Tgt Ion:128 Resp: 3486124

Ion Ratio Lower Upper

128 100

129 241.9 8.8 13.2#

127 261.1 10.6 16.0#

