

Data File : VW014808.D
Acq On : 30 Jan 2020 13:03
Operator : SY/VA
Sample : L1303-09
Misc : 3.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF4

Quant Time: Jan 31 01:11:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1181670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1030896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	412823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	329267	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	283034	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
10) 1,1-Dichloroethene-d2	4.20	63	515	0.02	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	125799	23.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.34%
24) Chloroform-d	7.65	84	604548	18.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.12%
26) 1,2-Dichloroethane-d4	8.41	65	232	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1258135	19.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.56%
33) 1,2-Dichloropropane-d6	9.27	67	390341	19.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.40%
37) Toluene-d8	10.32	98	1048842	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	10.57	79	132875	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.12%
39) 2-Hexanone-d5	10.92	63	89004	23.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	208693	13.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	290131	17.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.72%#

Target Compounds

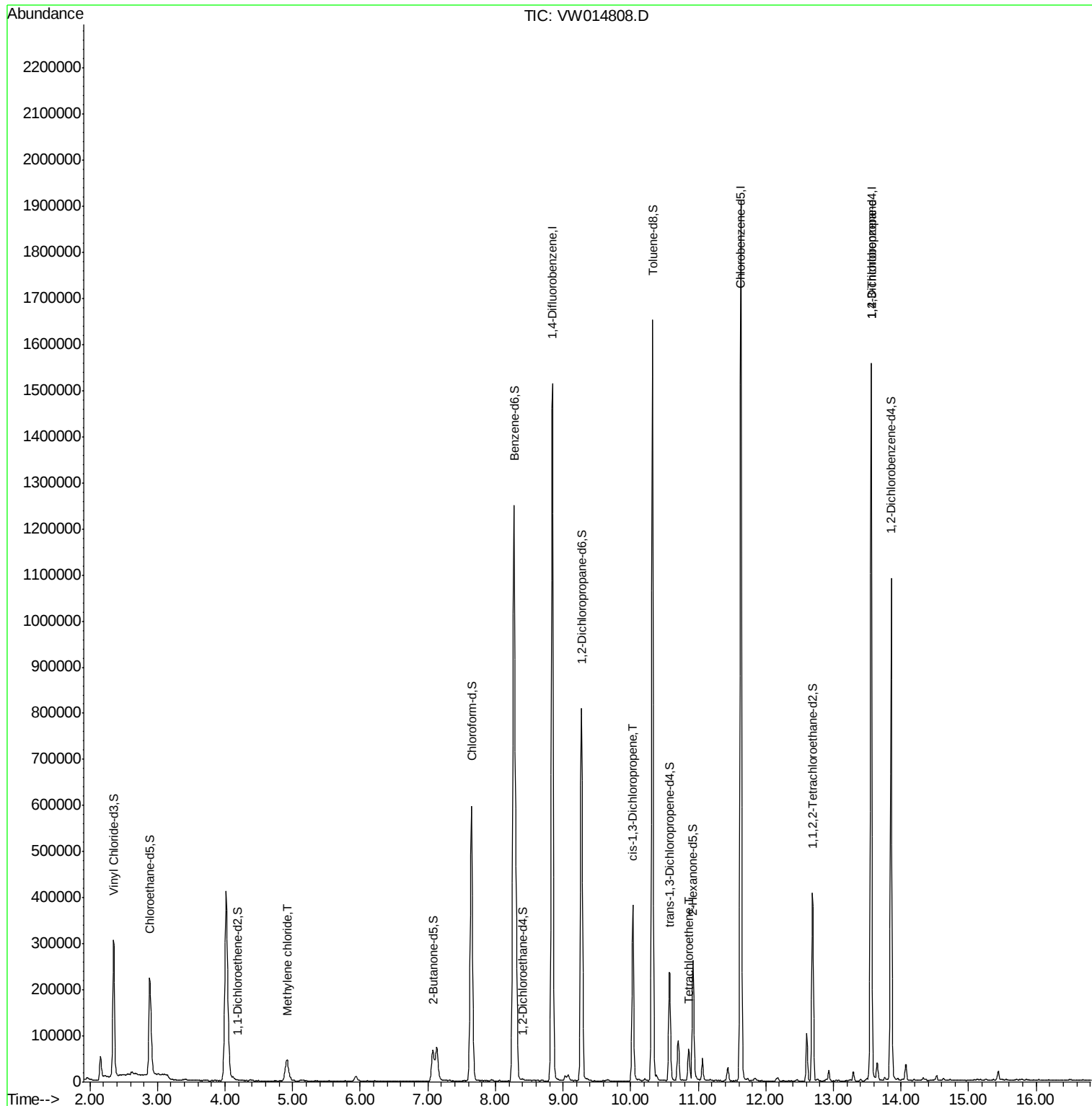
					Qvalue
16) Methylene chloride	4.92	84	36711	1.838 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	8628	0.353 ug/L #	38
47) Tetrachloroethene	10.86	164	15786	1.178 ug/L	90
59) 1,2,3-Trichloropropane	13.55	75	51028	4.615 ug/L	93

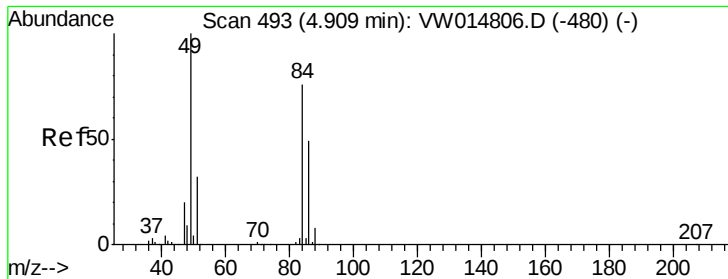
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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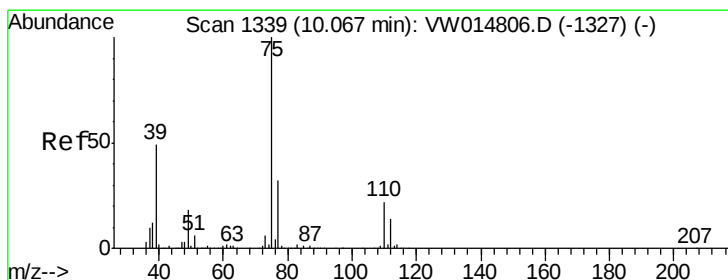
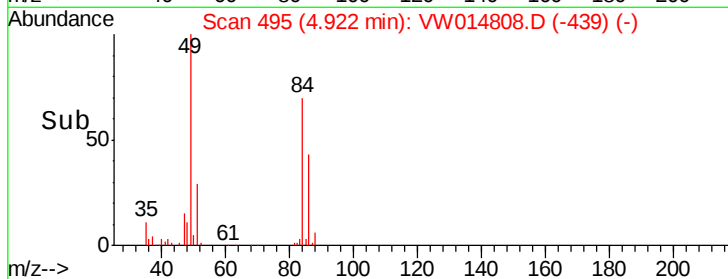
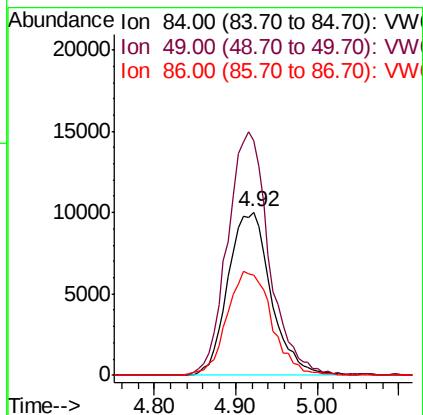
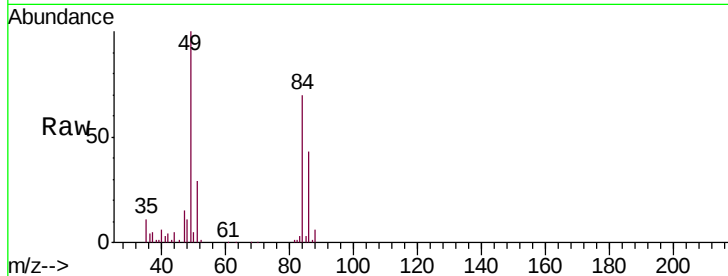




#16
Methylene chloride
Concen: 1.838 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014808.D
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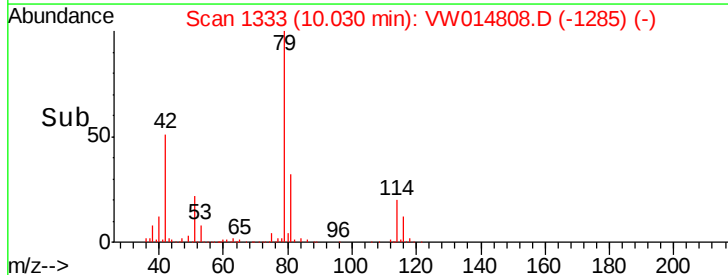
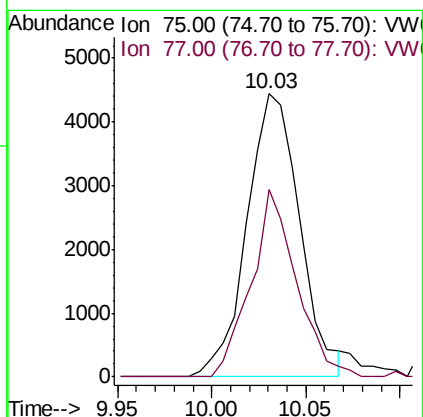
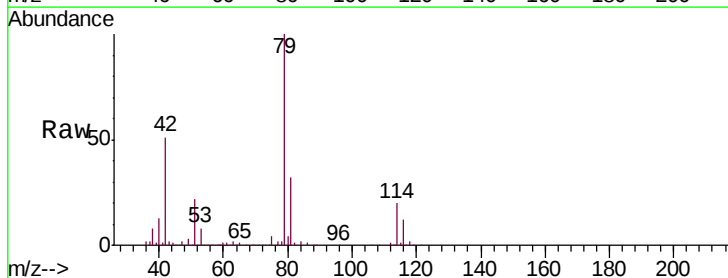
Instrument :
MSVOA_W
ClientSampleId :
C0AF4

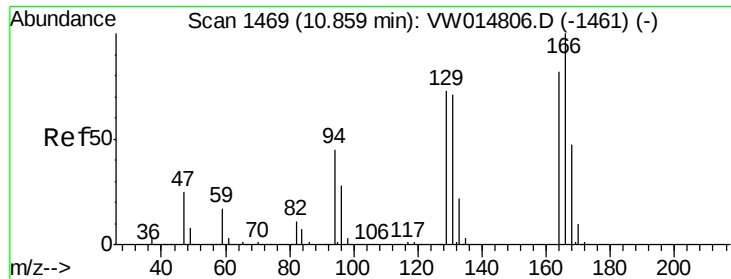
Tgt Ion: 84 Resp: 36711
Ion Ratio Lower Upper
84 100
49 143.5 90.9 168.7
86 61.2 43.5 80.7



#42
cis-1,3-Dichloropropene
Concen: 0.353 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014808.D
Acq: 30 Jan 2020 13:03

Tgt Ion: 75 Resp: 8628
Ion Ratio Lower Upper
75 100
77 66.2 22.3 41.3#





#47

Tetrachloroethene

Concen: 1.178 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014808.D

Acq: 30 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

C0AF4

Tgt Ion:164 Resp: 15786

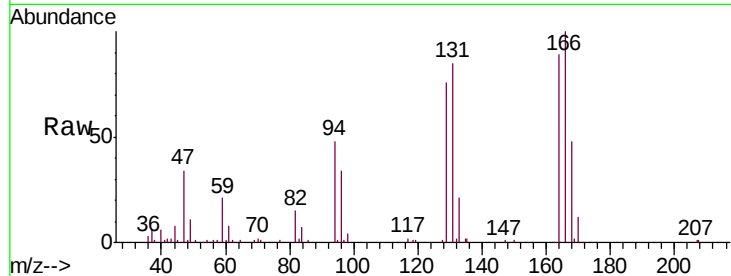
Ion Ratio Lower Upper

164 100

129 85.3 64.4 119.6

131 95.9 61.2 113.6

166 112.9 88.8 165.0

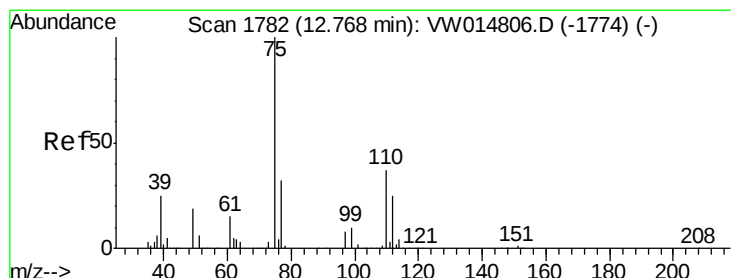
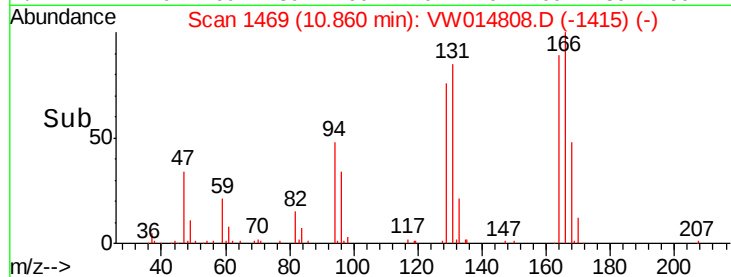
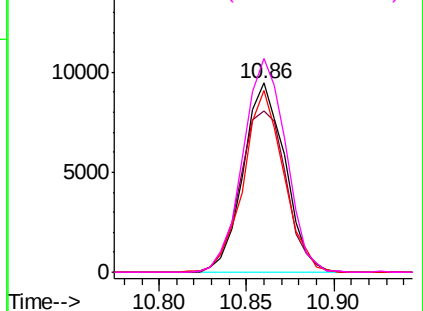


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.615 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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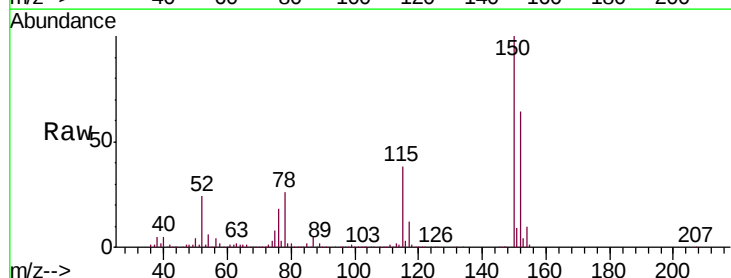
Acq: 30 Jan 2020 13:03

Tgt Ion: 75 Resp: 51028

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

