

Data File : VW014796.D
Acq On : 29 Jan 2020 15:51
Operator : SY/VA
Sample : L1303-02
Misc : 5.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE7

Quant Time: Jan 30 07:08:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	909227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	814022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	346633	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	342471	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
7) Chloroethane-d5	2.89	69	272004	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
10) 1,1-Dichloroethene-d2	4.02	63	454558	17.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.76%
20) 2-Butanone-d5	7.07	46	157895	38.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
24) Chloroform-d	7.65	84	571120	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.41	65	298	0.02	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1193683	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	365198	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.72%
37) Toluene-d8	10.32	98	1050333	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.04%
38) trans-1,3-Dichloropropene-	10.58	79	139354	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	10.92	63	122783	41.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	262874	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	328747	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

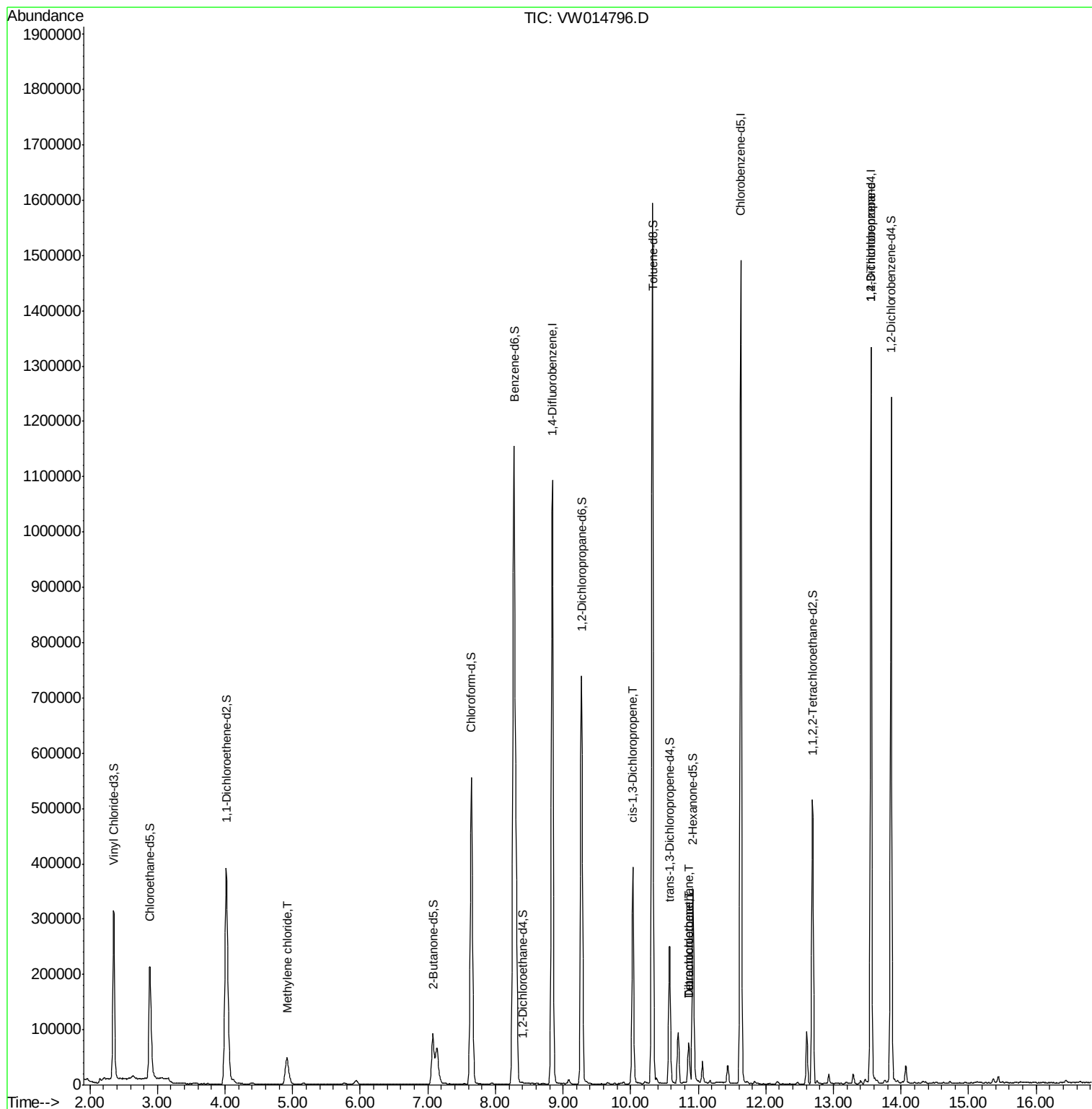
					Qvalue
16) Methylene chloride	4.91	84	39892	2.596 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	9161	0.475 ug/L #	50
47) Tetrachloroethene	10.86	164	17053	1.611 ug/L	97
50) Dibromochloromethane	10.86	129	15811	1.536 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	43130	4.939 ug/L	92

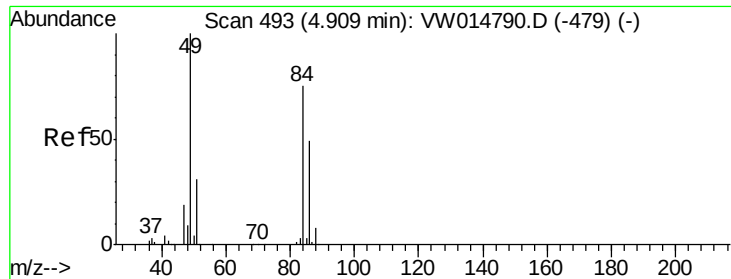
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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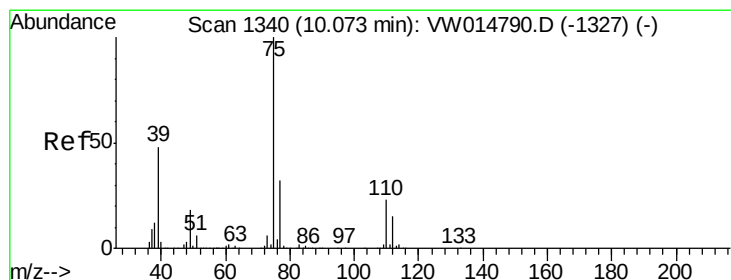
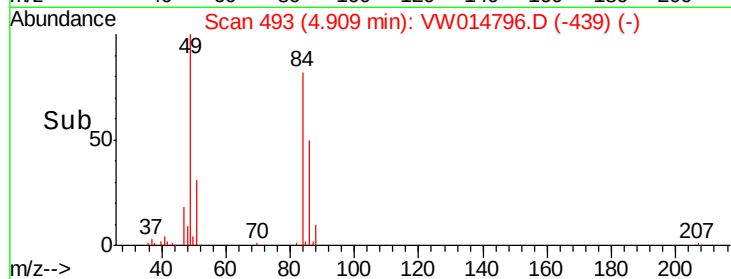
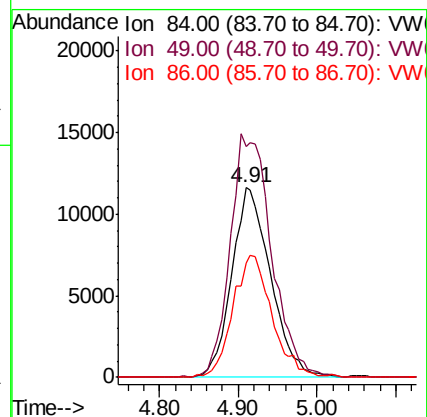
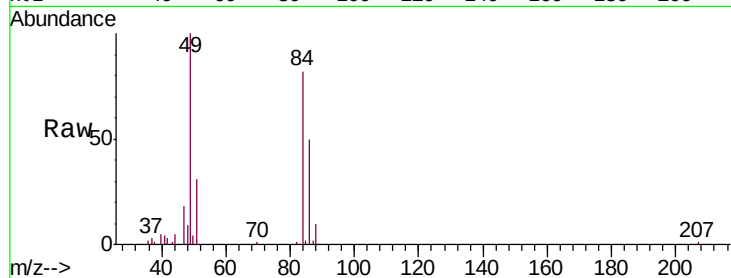




#16
Methylene chloride
Concen: 2.596 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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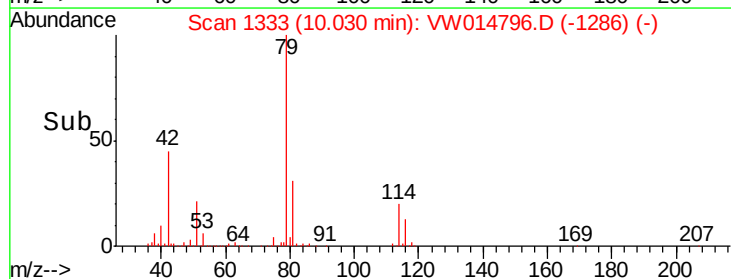
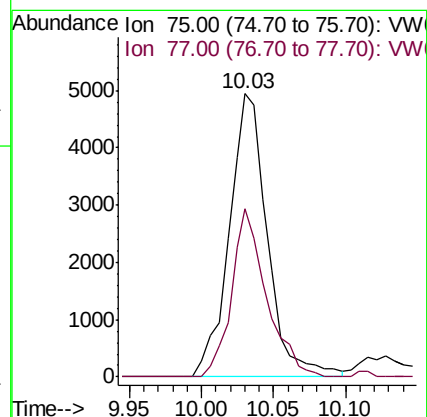
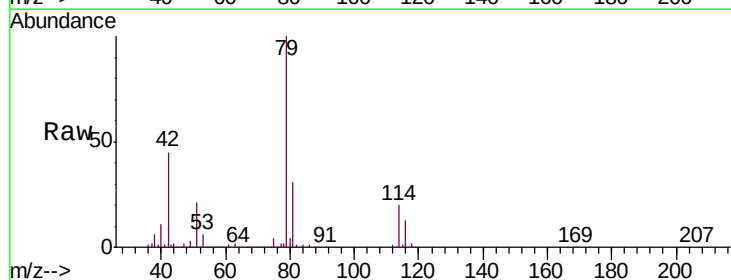
Instrument :
MSVOA_W
ClientSampleId :
C0AE7

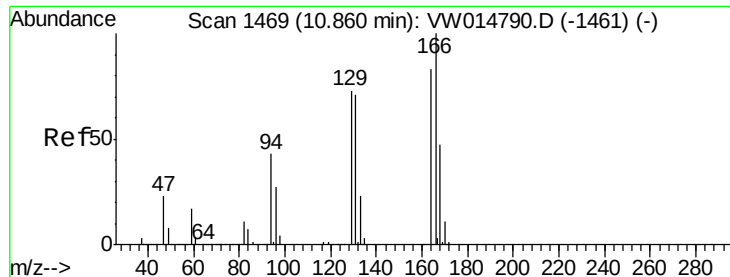
Tgt Ion: 84 Resp: 39892
Ion Ratio Lower Upper
84 100
49 121.8 90.9 168.7
86 60.5 43.5 80.7



#42
cis-1,3-Dichloropropene
Concen: 0.475 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014796.D
Acq: 29 Jan 2020 15:51

Tgt Ion: 75 Resp: 9161
Ion Ratio Lower Upper
75 100
77 59.5 22.3 41.3#





#47

Tetrachloroethene

Concen: 1.611 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014796.D

Acq: 29 Jan 2020 15:51

Instrument :

MSVOA_W

ClientSampleId :

C0AE7

Tgt Ion:164 Resp: 17053

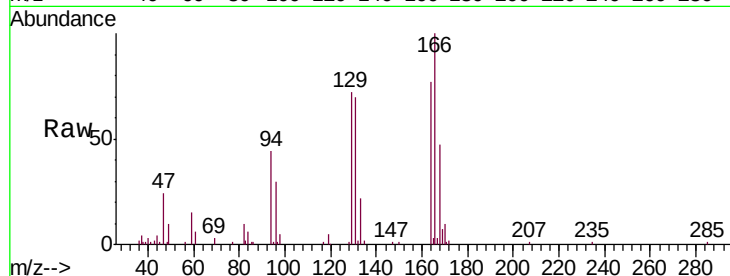
Ion Ratio Lower Upper

164 100

129 94.1 64.4 119.6

131 92.1 61.2 113.6

166 130.7 88.8 165.0

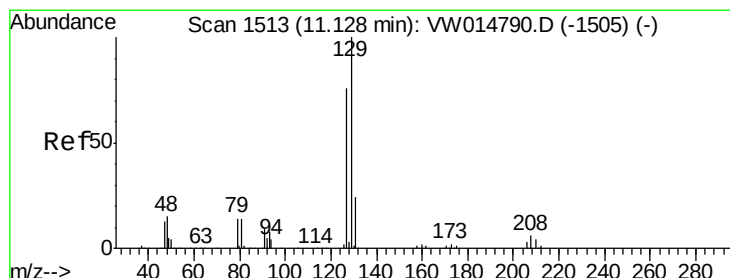
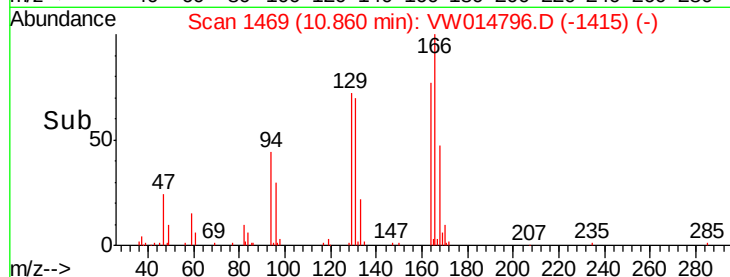
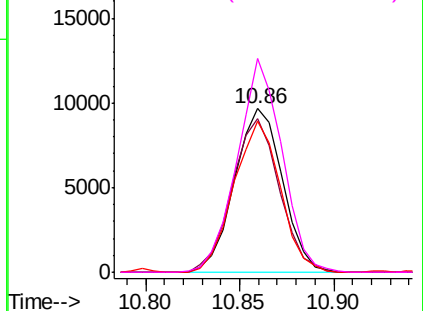


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 1.536 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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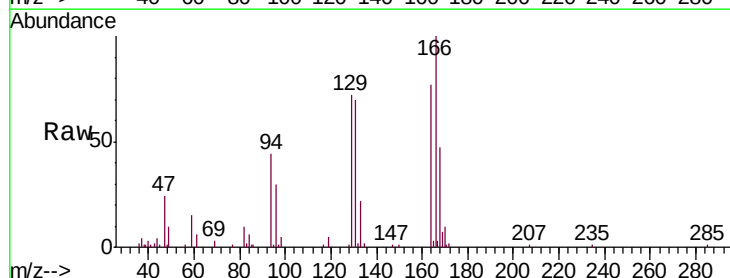
Acq: 29 Jan 2020 15:51

Tgt Ion:129 Resp: 15811

Ion Ratio Lower Upper

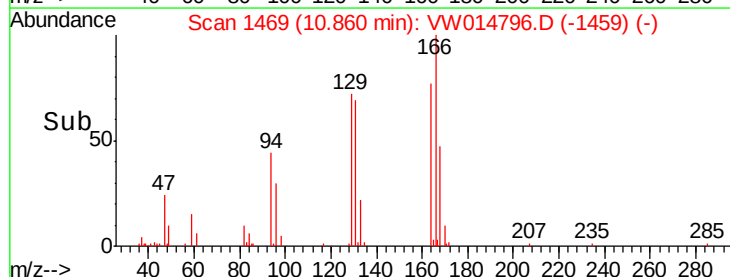
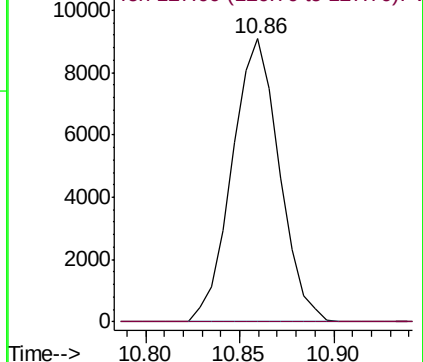
129 100

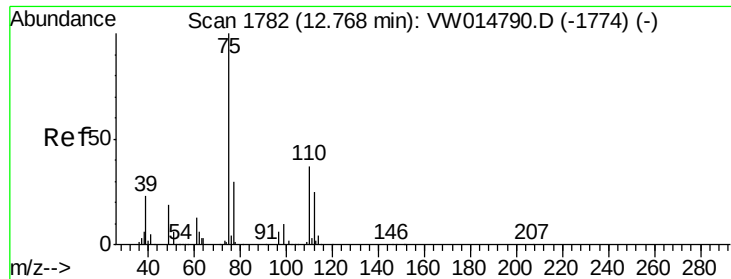
127 0.0 55.7 103.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.939 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014796.D

Acq: 29 Jan 2020 15:51

Instrument :

MSVOA_W

ClientSampleId :

C0AE7

Tgt Ion: 75 Resp: 43130

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.8

