

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016244.D
 Acq On : 18 Aug 2020 17:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Quant Time: Aug 19 05:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	351371	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77730	17.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.36%
7) Chloroethane-d5	2.90	69	63630	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.96%
10) 1,1-Dichloroethene-d2	4.01	63	136212	14.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.88%
20) 2-Butanone-d5	7.08	46	55148	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
24) Chloroform-d	7.65	84	203697	21.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	8.31	65	110102	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.27	84	401600	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	9.28	67	120266	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.33	98	363741	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.58	79	51410	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.93	63	44850	48.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110745	25.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	133069	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

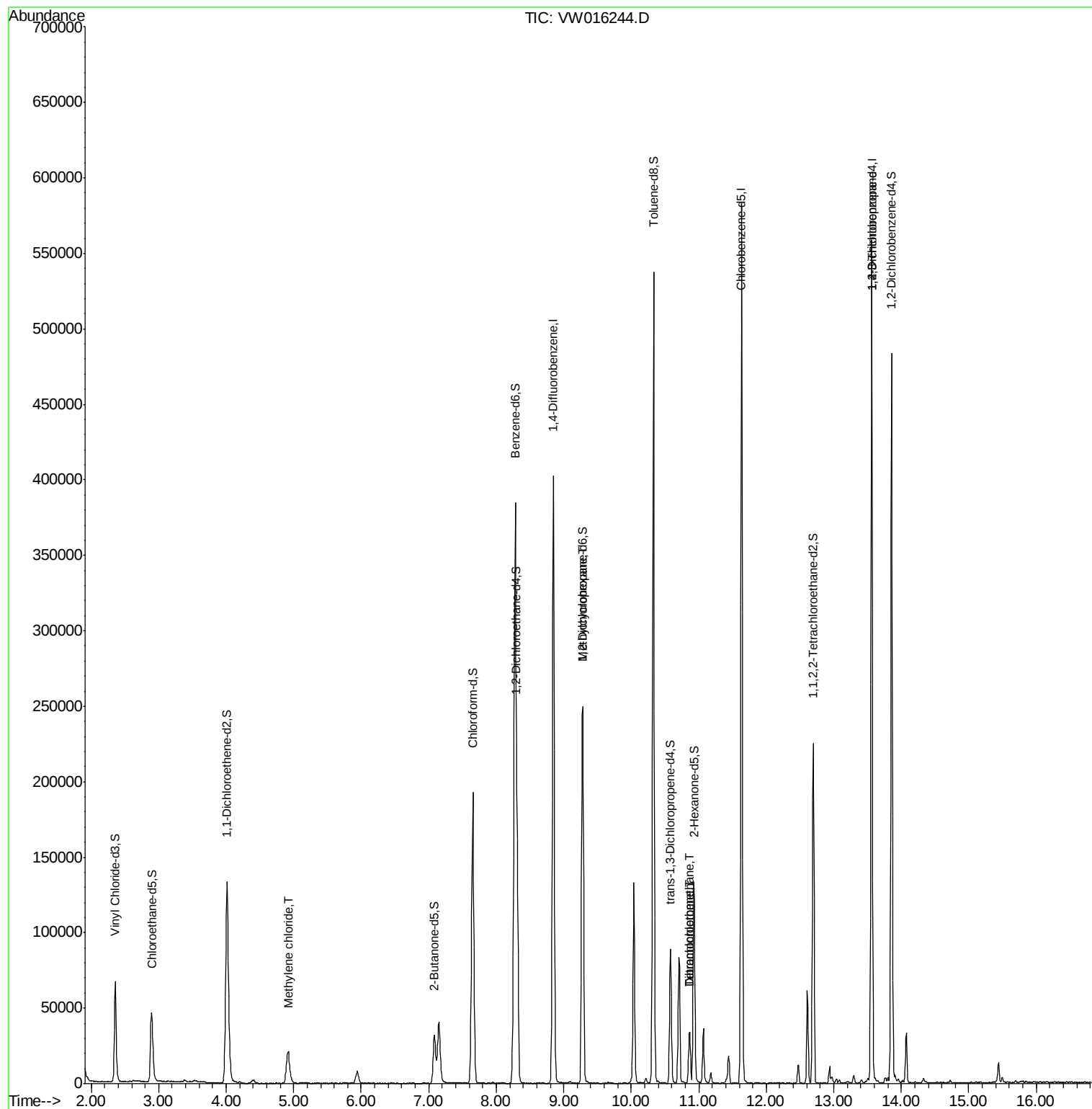
					Ovalue
16) Methylene chloride	4.91	84	9612	1.732 ug/L	92
36) Methylcyclohexane	9.27	83	30890	3.598 ug/L #	20
47) Tetrachloroethene	10.87	164	7336	1.878 ug/L	95
50) Dibromochloromethane	10.86	129	7448	1.688 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	17432	5.264 ug/L	91

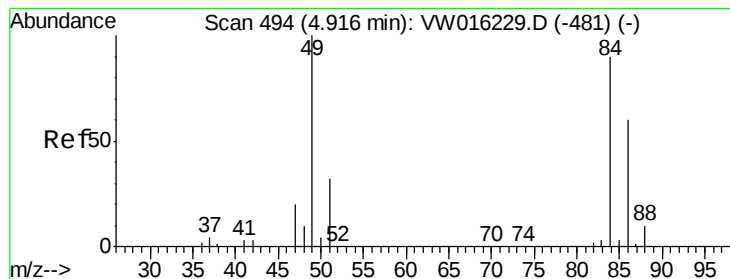
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 1.732 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

VIBLK16

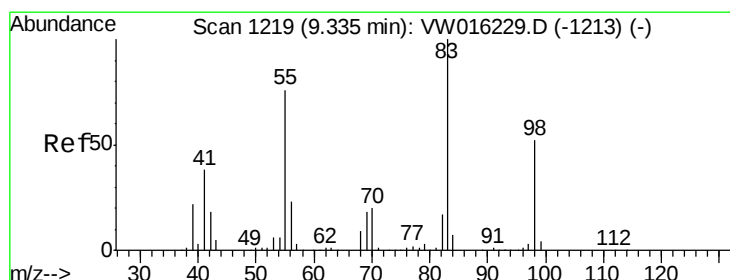
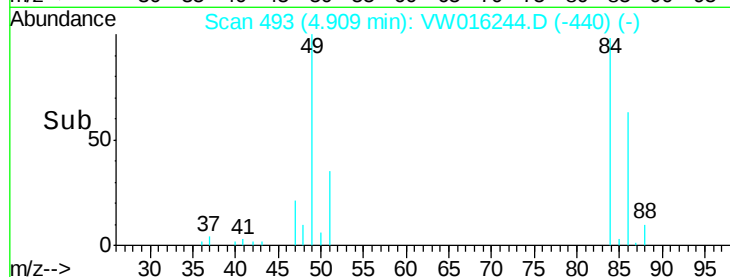
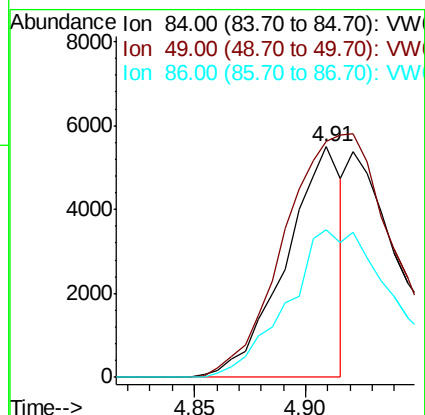
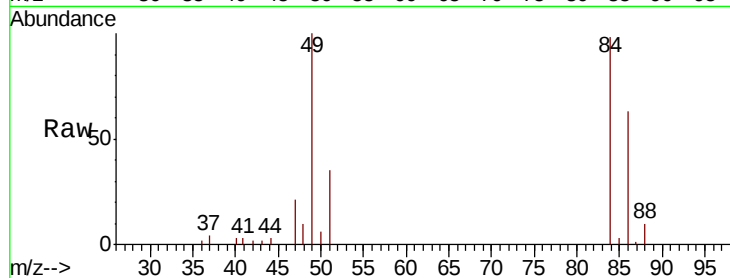
Tot Ion: 84 Resp: 9612

Ion Ratio Lower Upper

84 100

49 102.2 80.4 149.4

86 64.3 43.8 81.3



#36

Methylcyclohexane

Concen: 3.598 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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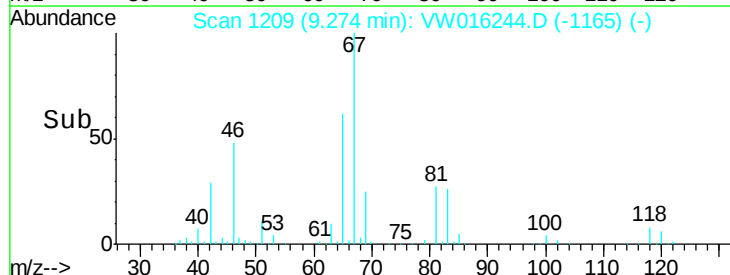
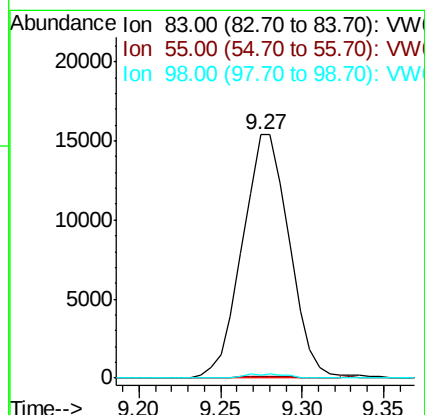
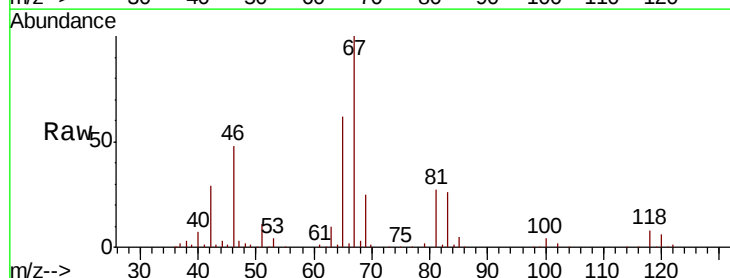
Tgt Ion: 83 Resp: 30890

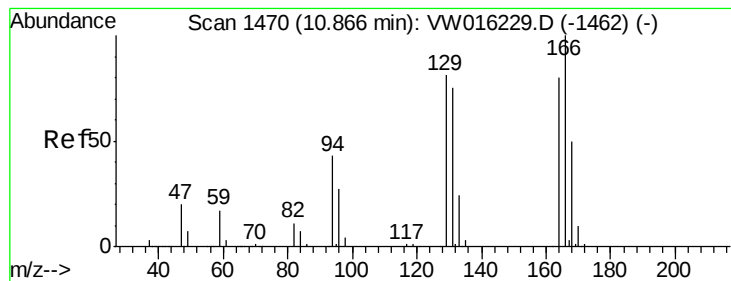
Ion Ratio Lower Upper

83 100

55 0.8 60.7 91.1#

98 1.6 39.4 59.0#





#47

Tetrachloroethene

Concen: 1.878 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

Tot Ion:164 Resp: 7336

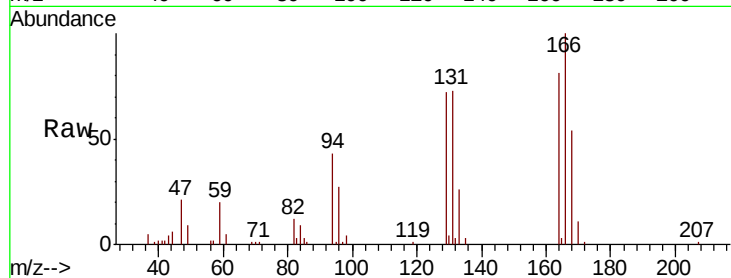
Ion Ratio Lower Upper

164 100

129 89.9 71.5 132.9

131 90.4 65.4 121.4

166 124.1 86.9 161.5

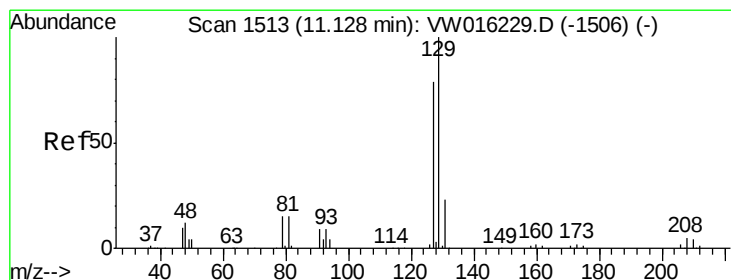
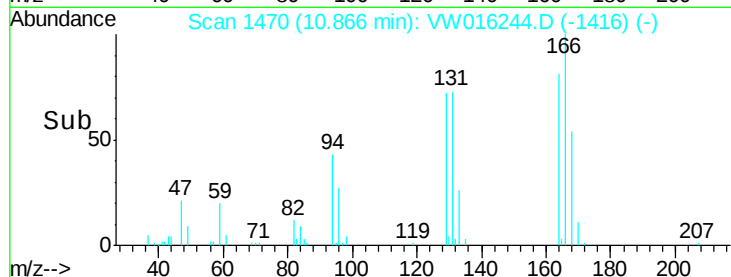
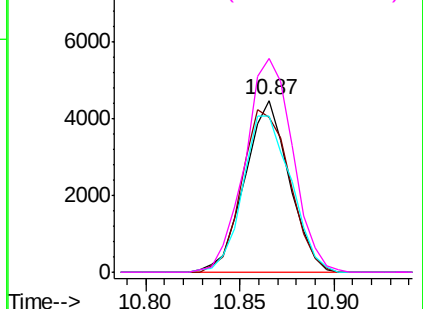


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.688 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016244.D

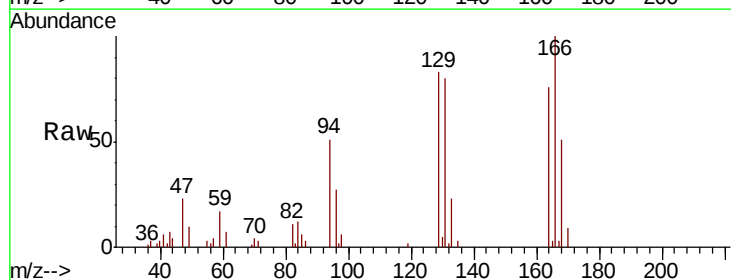
Acq: 18 Aug 2020 17:17

Tgt Ion:129 Resp: 7448

Ion Ratio Lower Upper

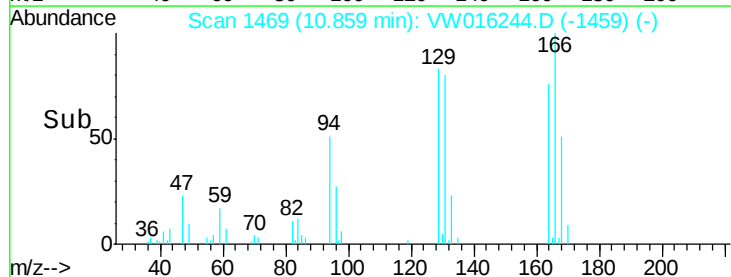
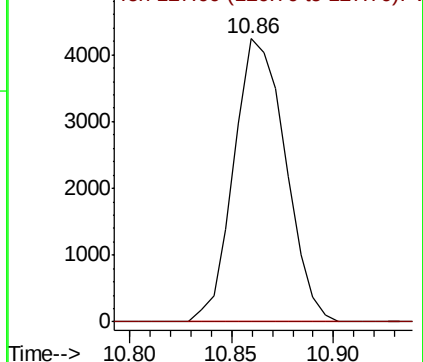
129 100

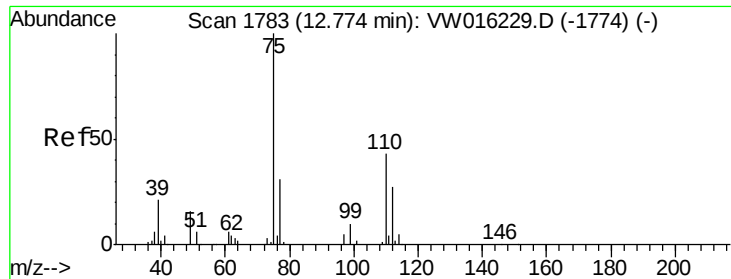
127 0.0 55.4 102.8#



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: 5.264 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016244.D

Acq: 18 Aug 2020 17:17

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MSVOA_W

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VIBLK16

Tot Ion: 75 Resp: 17432

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

