

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016246.D
 Acq On : 18 Aug 2020 18:28
 Operator : SY/VA
 Sample : L3702-20
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 19 05:53:22 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	358594	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344540	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74922	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.40%
7) Chloroethane-d5	2.89	69	63390	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.12%
10) 1,1-Dichloroethene-d2	4.01	63	133639	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.08	46	58461	49.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.94%
24) Chloroform-d	7.65	84	203998	21.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	8.31	65	110489	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.27	84	398061	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	9.27	67	118388	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.92%
37) Toluene-d8	10.33	98	361023	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.58	79	50098	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	10.93	63	50244	52.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118458	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	136934	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

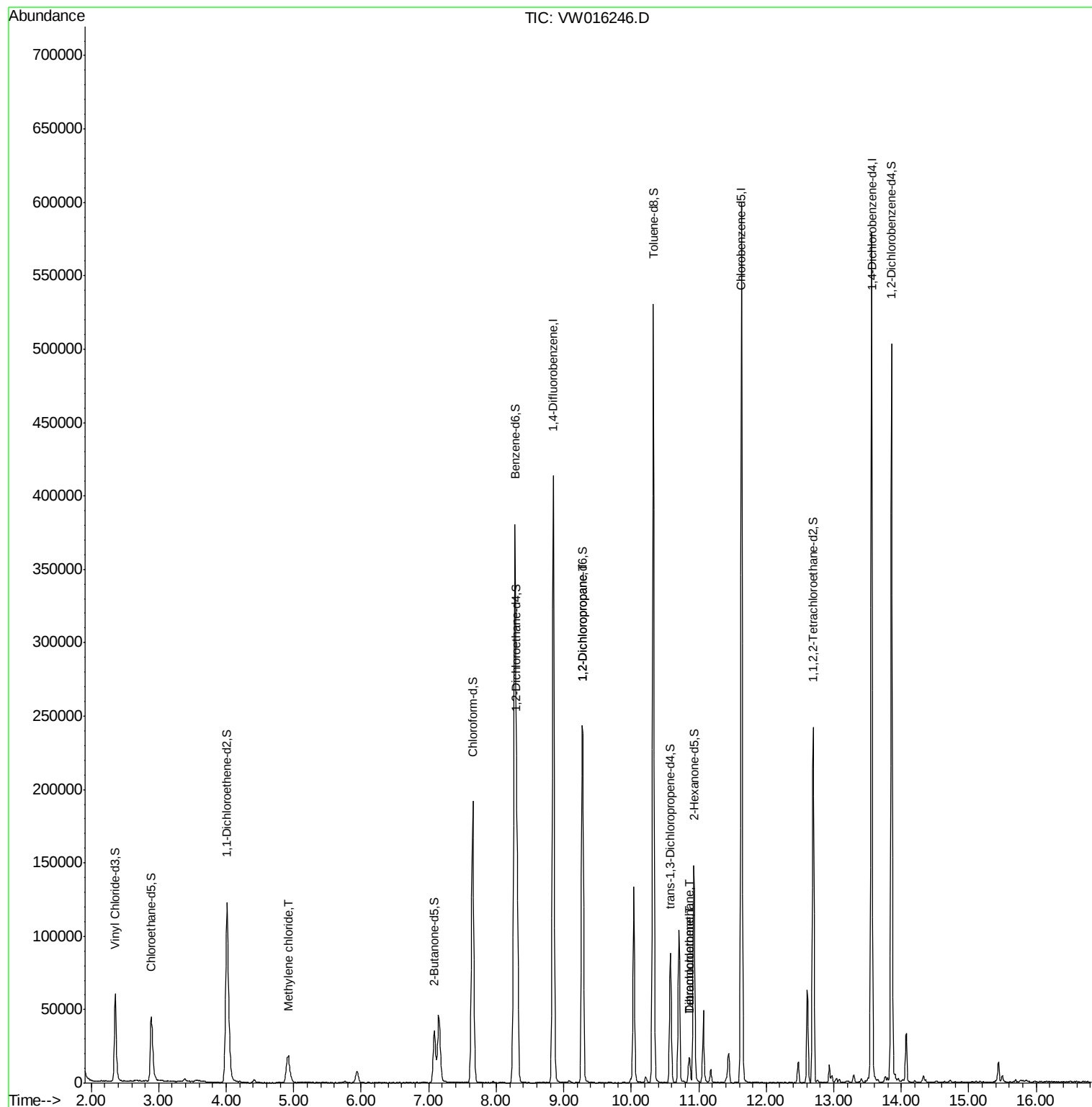
					Ovalue
16) Methylene chloride	4.92	84	16706	2.950 ug/L	94
40) 1,2-Dichloropropane	9.27	63	12953	2.655 ug/L #	87
47) Tetrachloroethene	10.87	164	3652	0.912 ug/L	82
50) Dibromochloromethane	10.87	129	3491	0.772 ug/L #	10

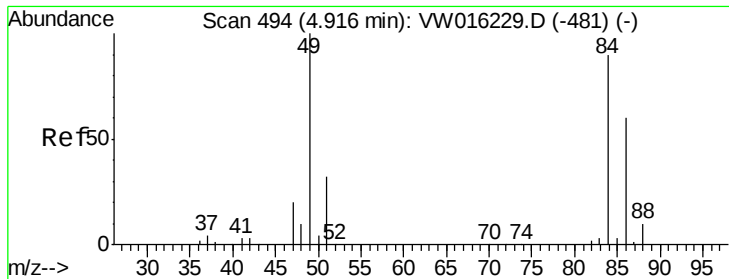
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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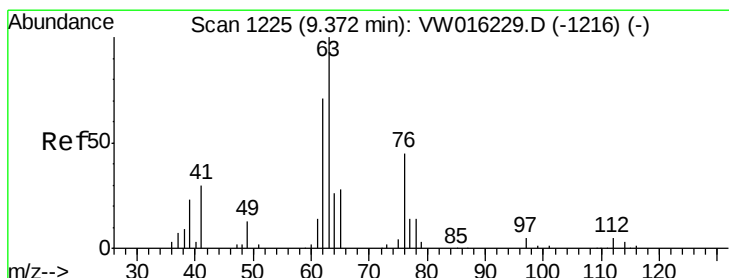
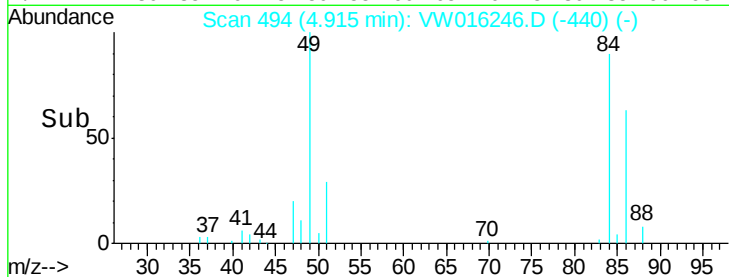
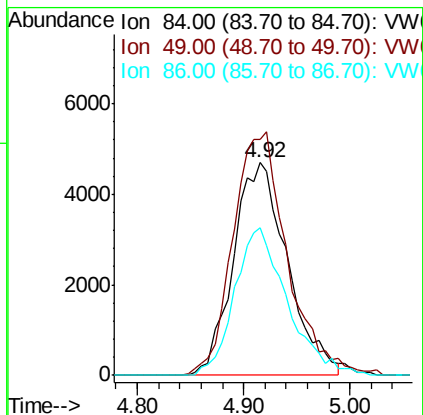
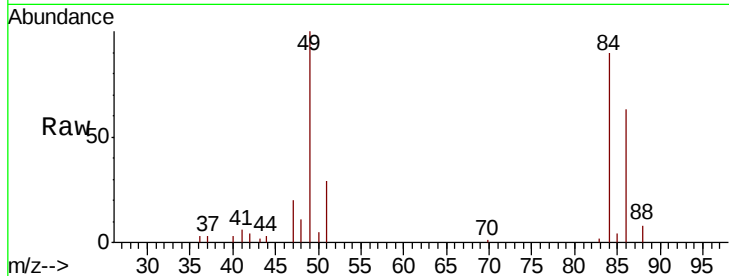




#16
Methylene chloride
Concen: 2.950 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016246.D
Acq: 18 Aug 2020 18:28

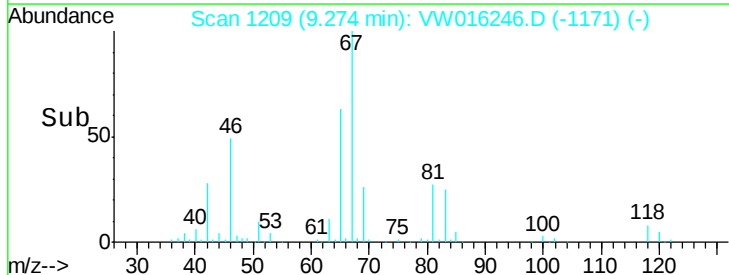
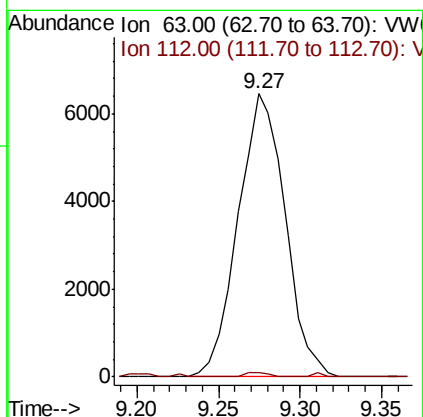
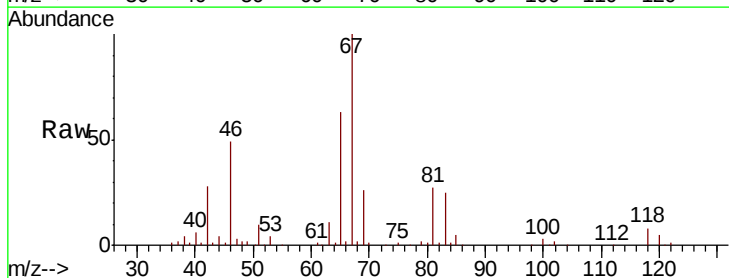
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

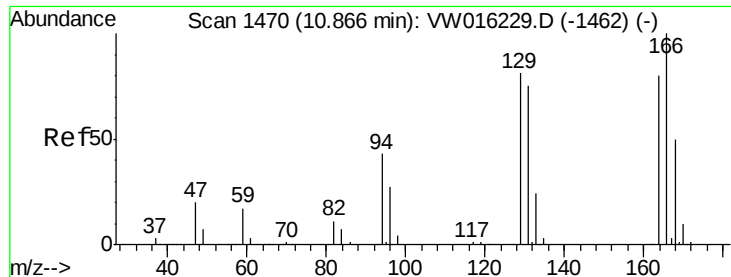
Tot Ion: 84 Resp: 16706
Ion Ratio Lower Upper
84 100
49 110.9 80.4 149.4
86 69.4 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.655 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016246.D
Acq: 18 Aug 2020 18:28

Tgt Ion: 63 Resp: 12953
Ion Ratio Lower Upper
63 100
112 0.8 4.0 6.0#





#47

Tetrachloroethene

Concen: 0.912 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016246.D

Acq: 18 Aug 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion:164 Resp: 3652

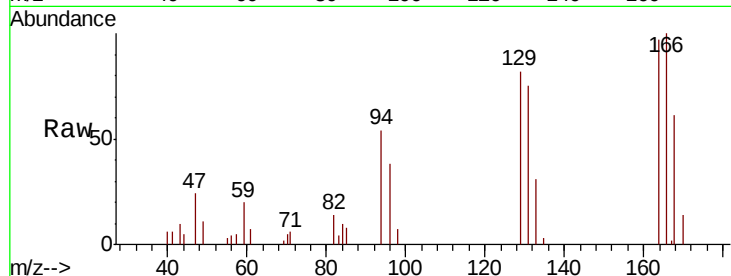
Ion Ratio Lower Upper

164 100

129 84.7 71.5 132.9

131 77.1 65.4 121.4

166 103.2 86.9 161.5

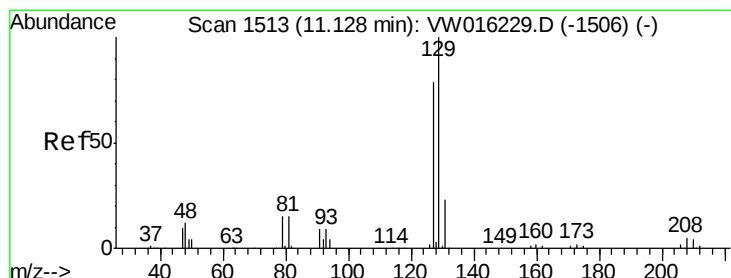
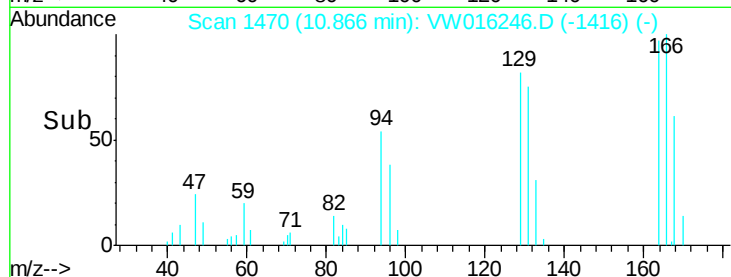
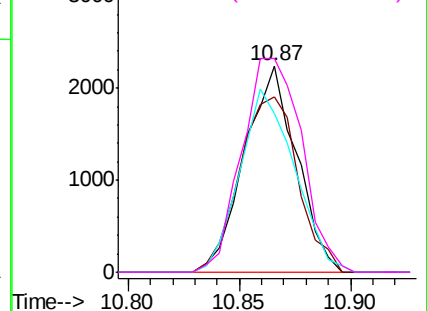


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.772 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016246.D

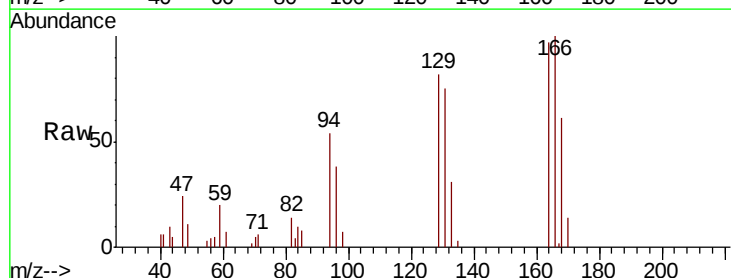
Acq: 18 Aug 2020 18:28

Tgt Ion:129 Resp: 3491

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

