

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016329.D
 Acq On : 24 Aug 2020 14:42
 Operator : SY/VA
 Sample : L3782-04
 Misc : 6.80G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK1

Quant Time: Aug 25 15:17:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 15:01:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105270	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54744	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
7) Chloroethane-d5	2.89	69	46531	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.01	63	103974	11.94	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.76%
20) 2-Butanone-d5	7.07	46	36698	35.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.38%
24) Chloroform-d	7.65	84	166529	18.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	8.31	65	84820	18.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.52%
29) Benzene-d6	8.27	84	318035	19.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.84%
33) 1,2-Dichloropropane-d6	9.27	67	93316	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.48%
37) Toluene-d8	10.33	98	275430	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.52%
38) trans-1,3-Dichloropropene-	10.58	79	39907	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.20%
39) 2-Hexanone-d5	10.93	63	30631	41.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72487	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	79562	19.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.84%

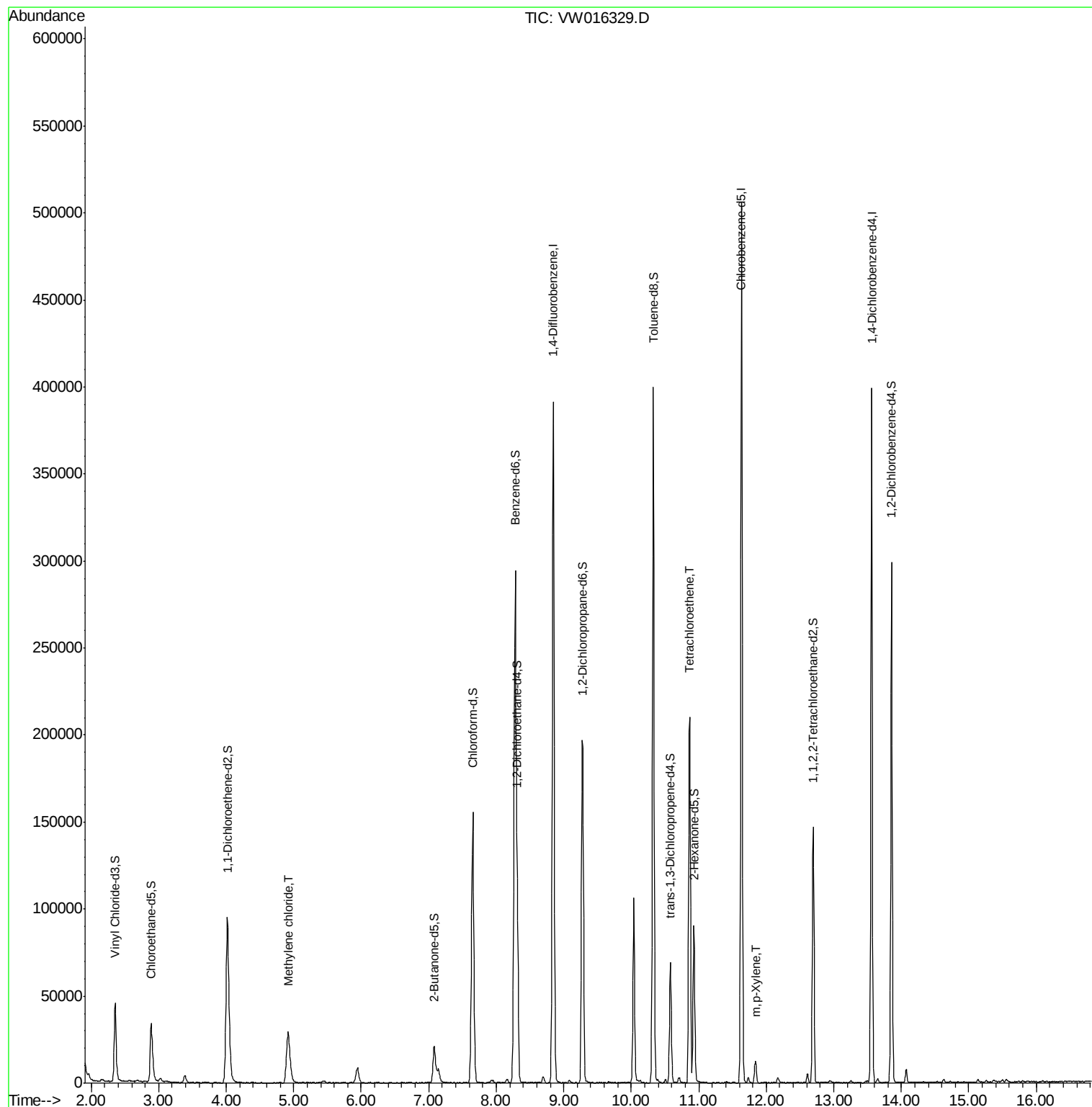
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	27922	4.398 ug/L	94
47) Tetrachloroethene	10.87	164	49721	13.091 ug/L	95
54) m,p-Xylene	11.83	106	3958	0.484 ug/L	70

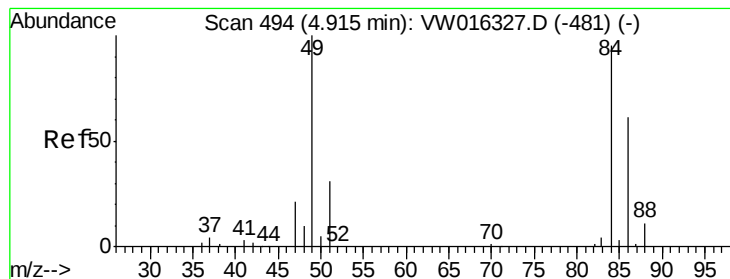
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 4.398 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

BFSK1

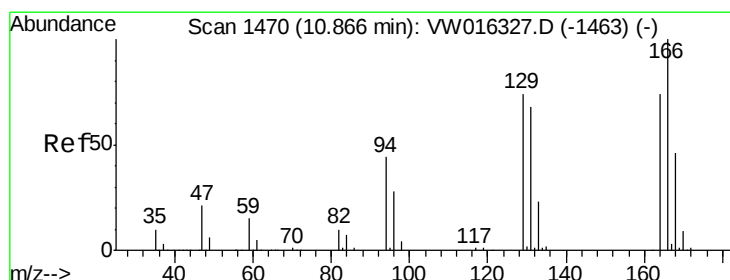
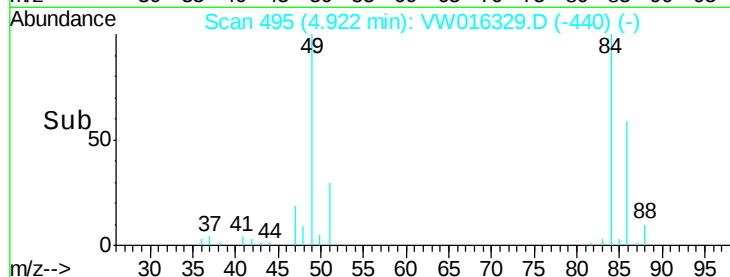
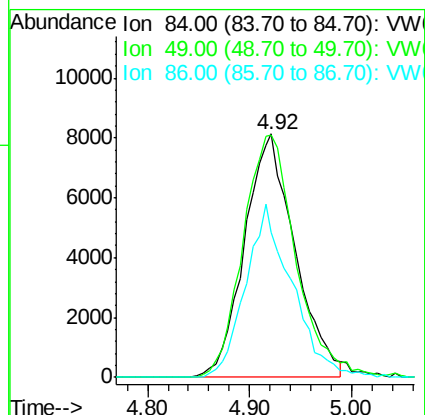
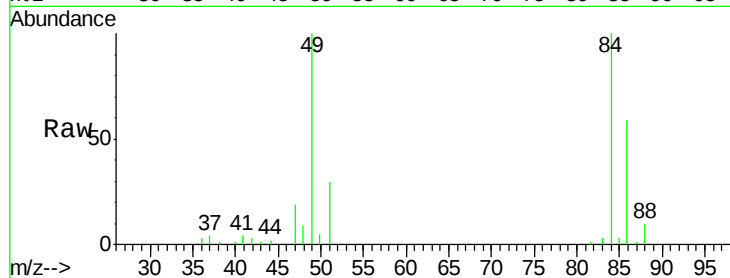
Tot Ion: 84 Resp: 27922

Ion Ratio Lower Upper

84 100

49 99.6 75.3 139.9

86 59.4 43.3 80.3



#47

Tetrachloroethene

Concen: 13.091 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Tgt Ion: 164 Resp: 49721

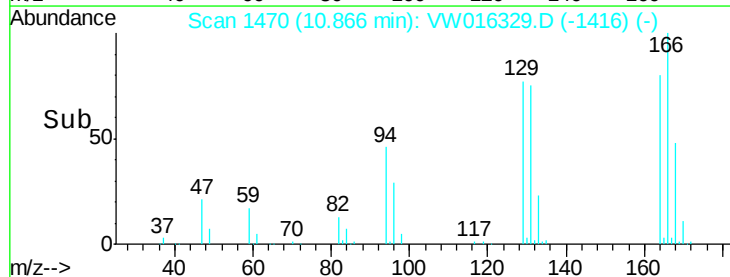
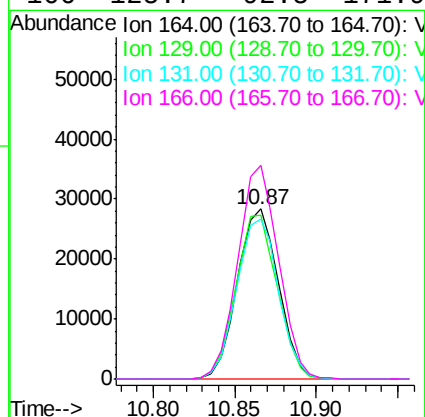
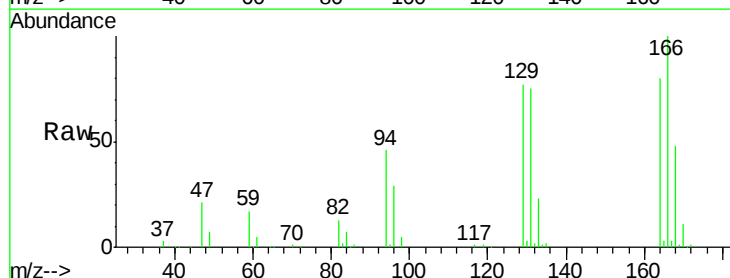
Ion Ratio Lower Upper

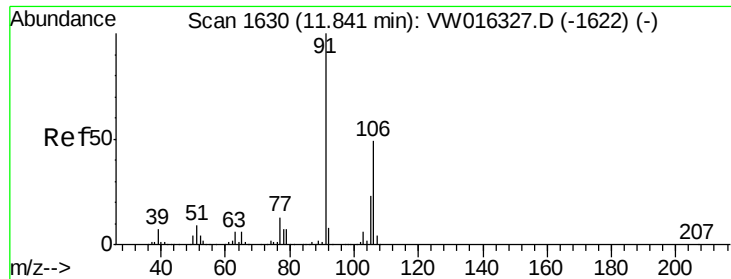
164 100

129 96.6 71.5 132.7

131 93.9 67.4 125.2

166 125.7 92.5 171.9





#54
 m,p-Xylene
 Concen: 0.484 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
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Tot Ion:106 Resp: 3958
 Ion Ratio Lower Upper
 106 100
 91 153.3 138.8 257.8

