

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005235.D
 Acq On : 08 Sep 2018 04:01
 Operator : SY/AP
 Sample : VINYL CHLORIDE1.0PPB
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VINYL CHLORIDE1.0PPB

Quant Time: Sep 08 04:23:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 04 04:15:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	851414	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	861914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	397834	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	198884	14.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.64%
7) Chloroethane-d5	2.88	69	165922	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.16%
10) 1,1-Dichloroethene-d2	4.02	63	240315	13.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.12%
20) 2-Butanone-d5	7.08	46	121946	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
24) Chloroform-d	7.65	84	287837	15.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.52%
26) 1,2-Dichloroethane-d4	8.31	65	209773	20.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.76%
29) Benzene-d6	8.28	84	821949	18.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.88%
33) 1,2-Dichloropropane-d6	9.28	67	259676	20.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.12%
37) Toluene-d8	10.33	98	829043	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	10.59	79	98812	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.92%
39) 2-Hexanone-d5	10.93	63	112733	36.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	235509	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	329435	21.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.12%

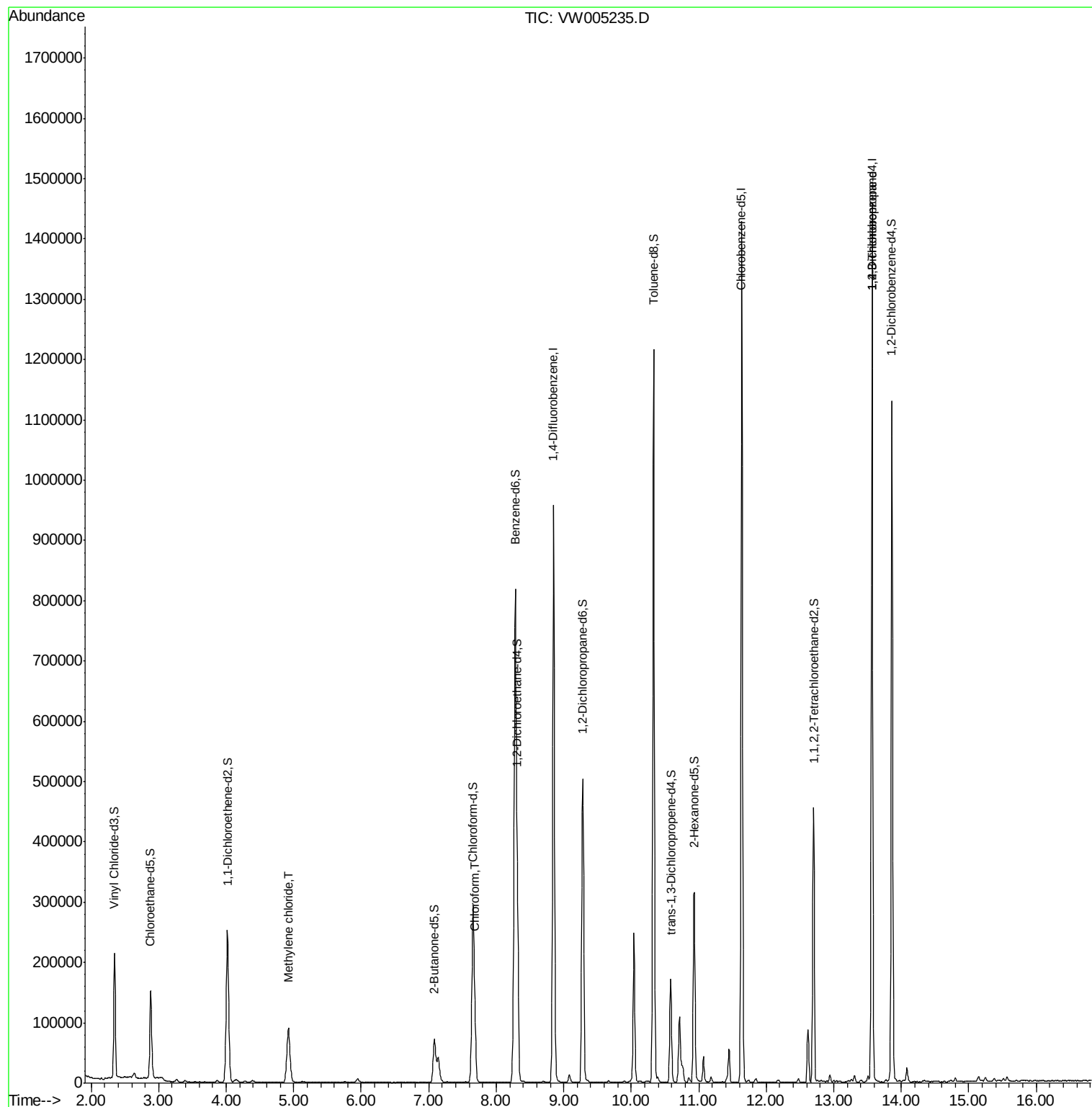
Target Compounds					Qvalue
16) Methylene chloride	4.92	84	75902	5.174 ug/L	99
25) Chloroform	7.68	83	81577	4.733 ug/L	98
59) 1,2,3-Trichloropropane	13.57	75	44054	4.837 ug/L	91

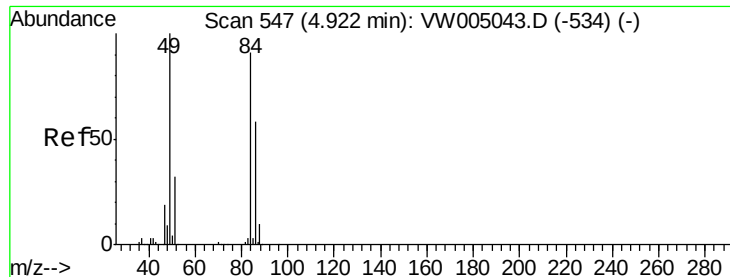
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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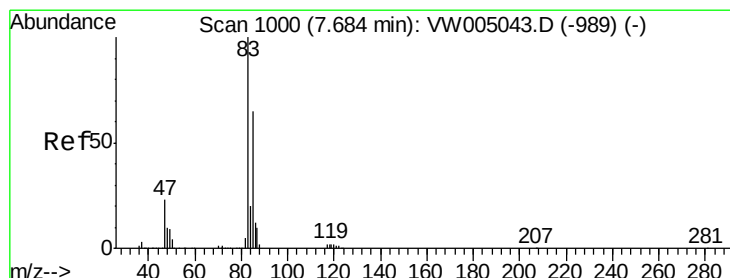
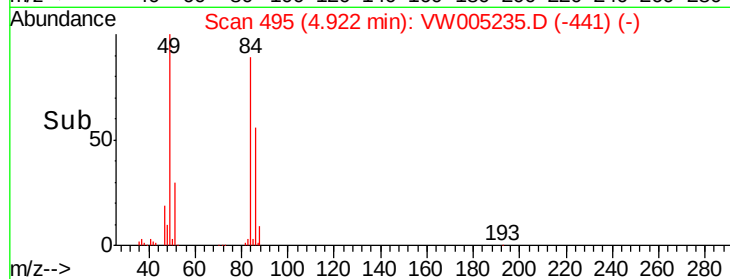
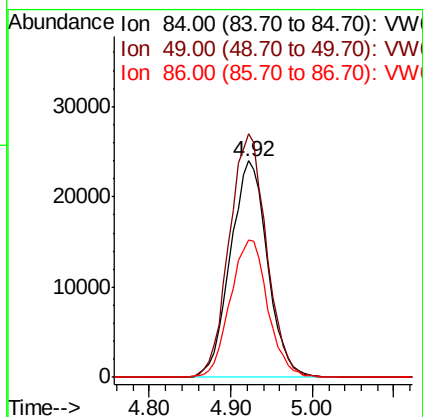
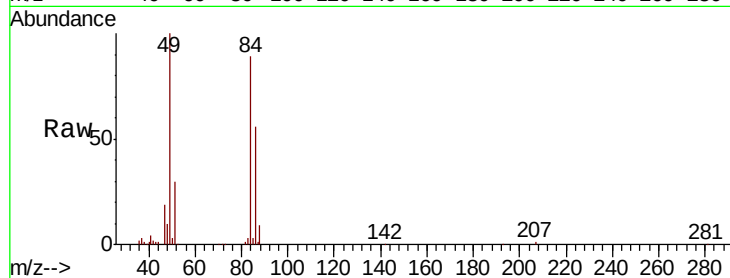




#16
Methylene chloride
Concen: 5.174 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW005235.D
Acq: 08 Sep 2018 04:01

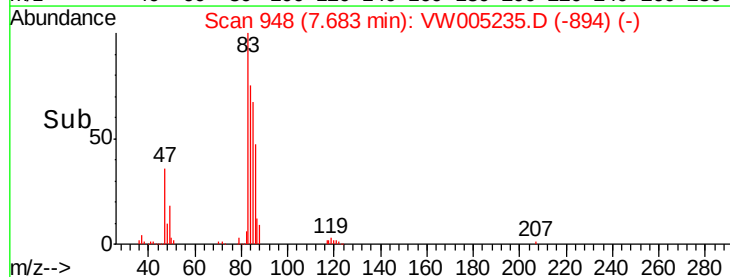
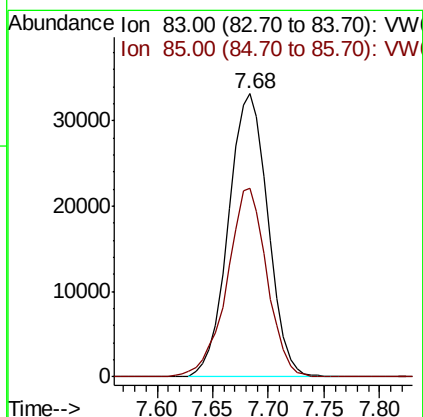
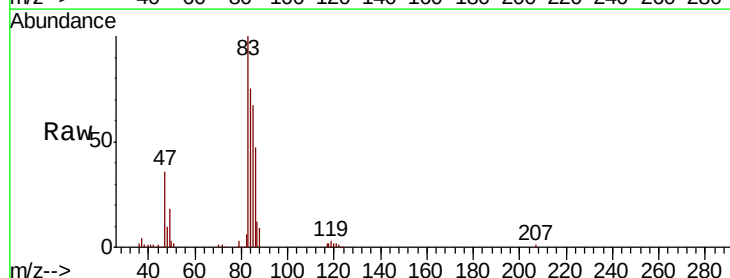
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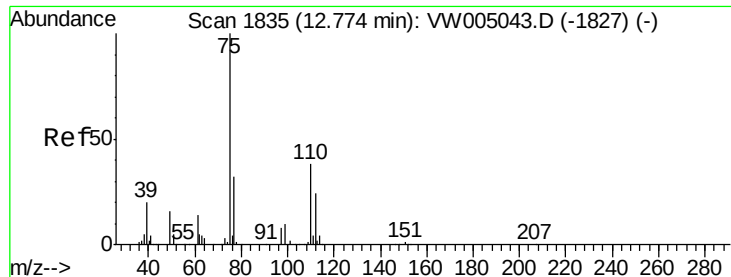
Tgt Ion: 84 Resp: 75902
Ion Ratio Lower Upper
84 100
49 112.4 77.3 143.7
86 63.5 44.7 83.1



#25
Chloroform
Concen: 4.733 ug/L
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005235.D
Acq: 08 Sep 2018 04:01

Tgt Ion: 83 Resp: 81577
Ion Ratio Lower Upper
83 100
85 67.2 46.0 85.4





#59

1,2,3-Trichloropropane

Concen: 4.837 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW005235.D

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VINYL CHLORIDE1.0PPB

Tgt Ion: 75 Resp: 44054

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5

