

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016549.D
 Acq On : 11 Sep 2020 15:04
 Operator : SY/VA
 Sample : L3950-17RE
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:18:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	602797	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	527499	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230971	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	123391	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
7) Chloroethane-d5	2.90	69	123720	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	4.03	63	186125	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.09	46	68846	30.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.28%
24) Chloroform-d	7.65	84	301365	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	8.31	65	160345	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.08%
29) Benzene-d6	8.28	84	545883	20.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.44%
33) 1,2-Dichloropropane-d6	9.28	67	165567	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.08%
37) Toluene-d8	10.33	98	487643	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.52%
38) trans-1,3-Dichloropropene-	10.58	79	72994	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.93	63	53443	33.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135841	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	172065	21.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.24%

Target Compounds

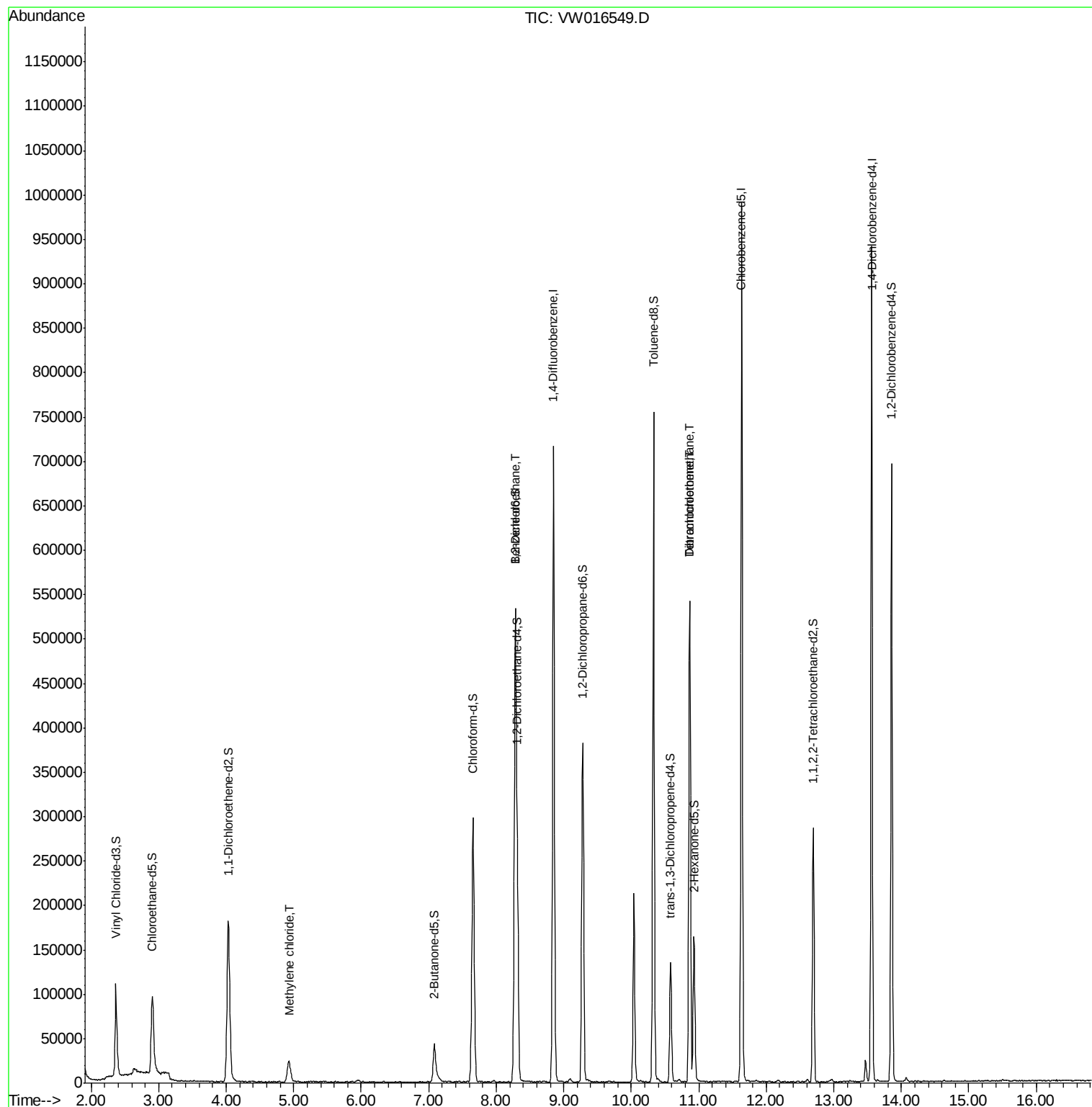
					Ovalue
16) Methylene chloride	4.93	84	19389	2.061	ug/L 90
27) 1,2-Dichloroethane	8.29	62	3687	0.398	ug/L 99
47) Tetrachloroethene	10.87	164	113873	17.772	ug/L 97
50) Dibromochloromethane	10.87	129	111147	15.553	ug/L # 10

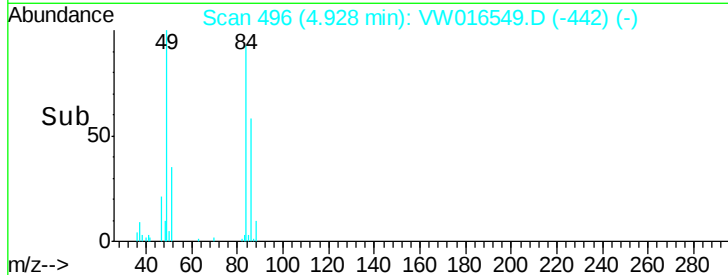
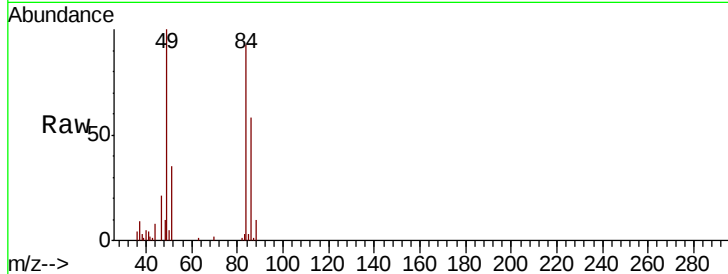
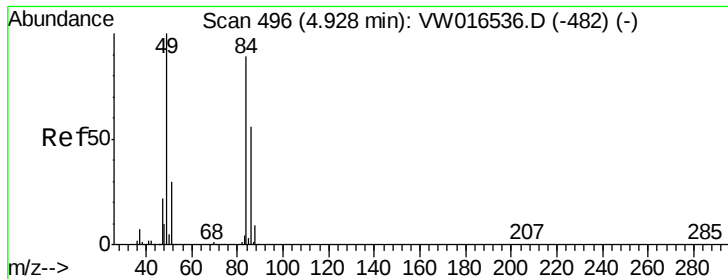
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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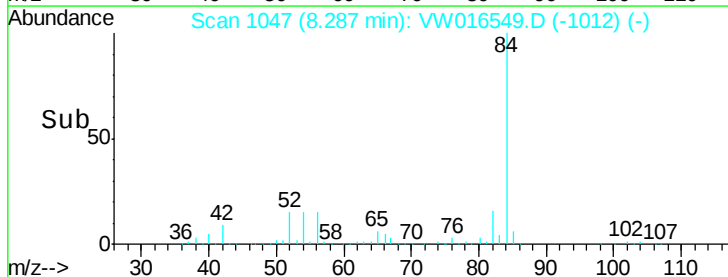
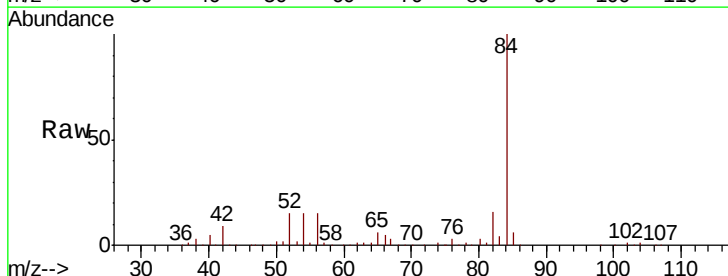
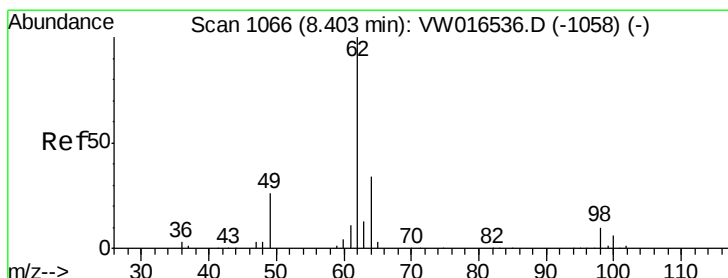
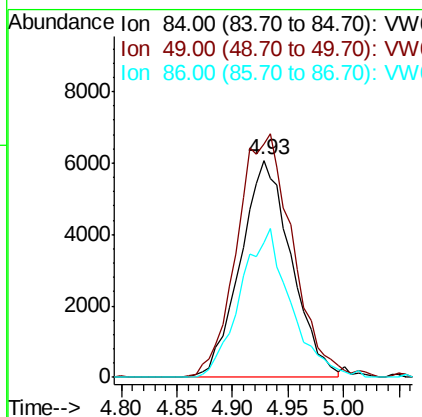




#16
Methylene chloride
Concen: 2.061 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016549.D
Acq: 11 Sep 2020 15:04

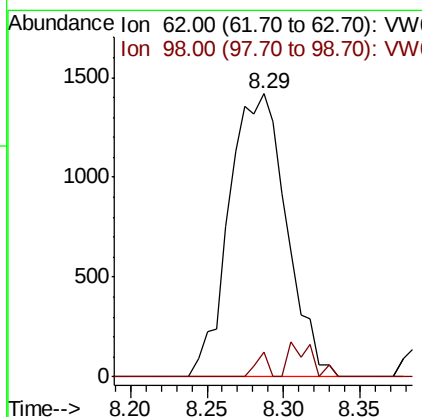
Instrument :
MSVOA_W
ClientSampleId :

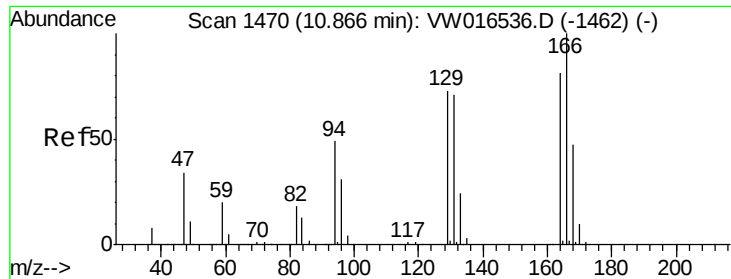
Tot Ion	84	Resp	19389
Ion	Ratio	Lower	Upper
84	100		
49	107.5	86.7	160.9
86	62.0	44.9	83.5



#27
1,2-Dichloroethane
Concen: 0.398 ug/L
RT: 8.29 min Scan# 1047
Delta R.T. -0.12 min
Lab File: VW016549.D
Acq: 11 Sep 2020 15:04

Tgt Ion	62	Resp	3687
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.3	10.9

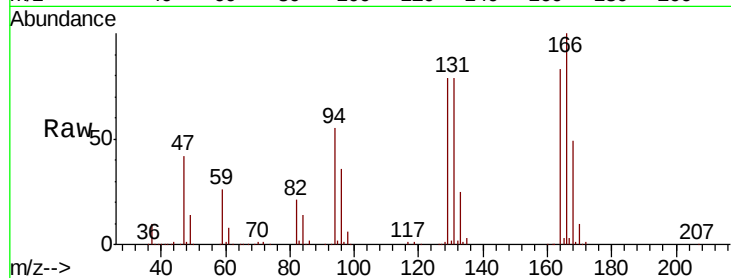




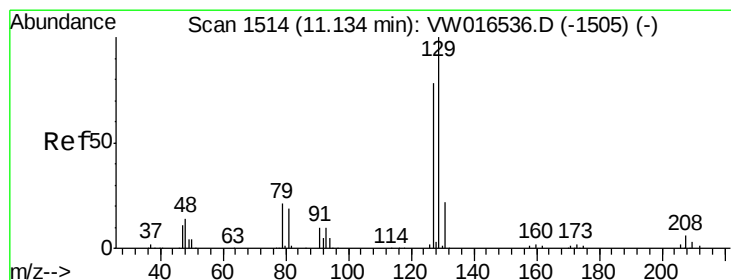
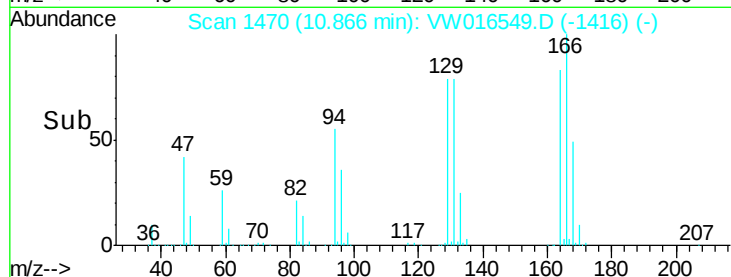
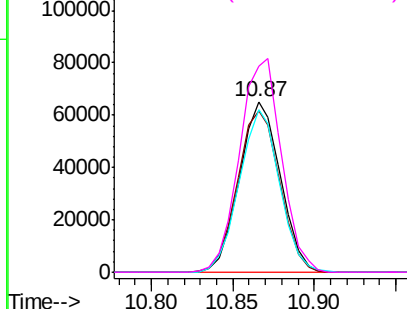
#47
Tetrachloroethene
Concen: 17.772 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016549.D
Acq: 11 Sep 2020 15:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 113873
Ion Ratio Lower Upper
164 100
129 94.9 65.7 121.9
131 95.2 61.1 113.5
166 120.8 85.0 157.8

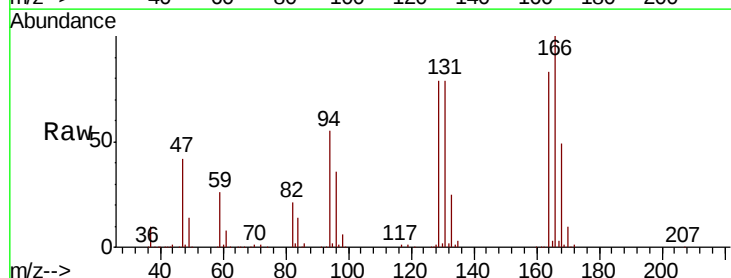


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 15.553 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016549.D
Acq: 11 Sep 2020 15:04

Tgt Ion:129 Resp: 111147
Ion Ratio Lower Upper
129 100
127 0.2 55.4 103.0#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

