

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004905.D
 Acq On : 23 Aug 2018 18:43
 Operator : SY/AP
 Sample : J4624-10
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:03:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	624411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670608	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	321675	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	278375	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
7) Chloroethane-d5	2.89	69	206475	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	4.02	63	283646	18.82	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.28%
20) 2-Butanone-d5	7.09	46	125182	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
24) Chloroform-d	7.65	84	347300	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	8.31	65	196584	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.40%
29) Benzene-d6	8.28	84	777961	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	233554	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
37) Toluene-d8	10.33	98	828062	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.58	79	98501	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.93	63	119083	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	240797	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	325049	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

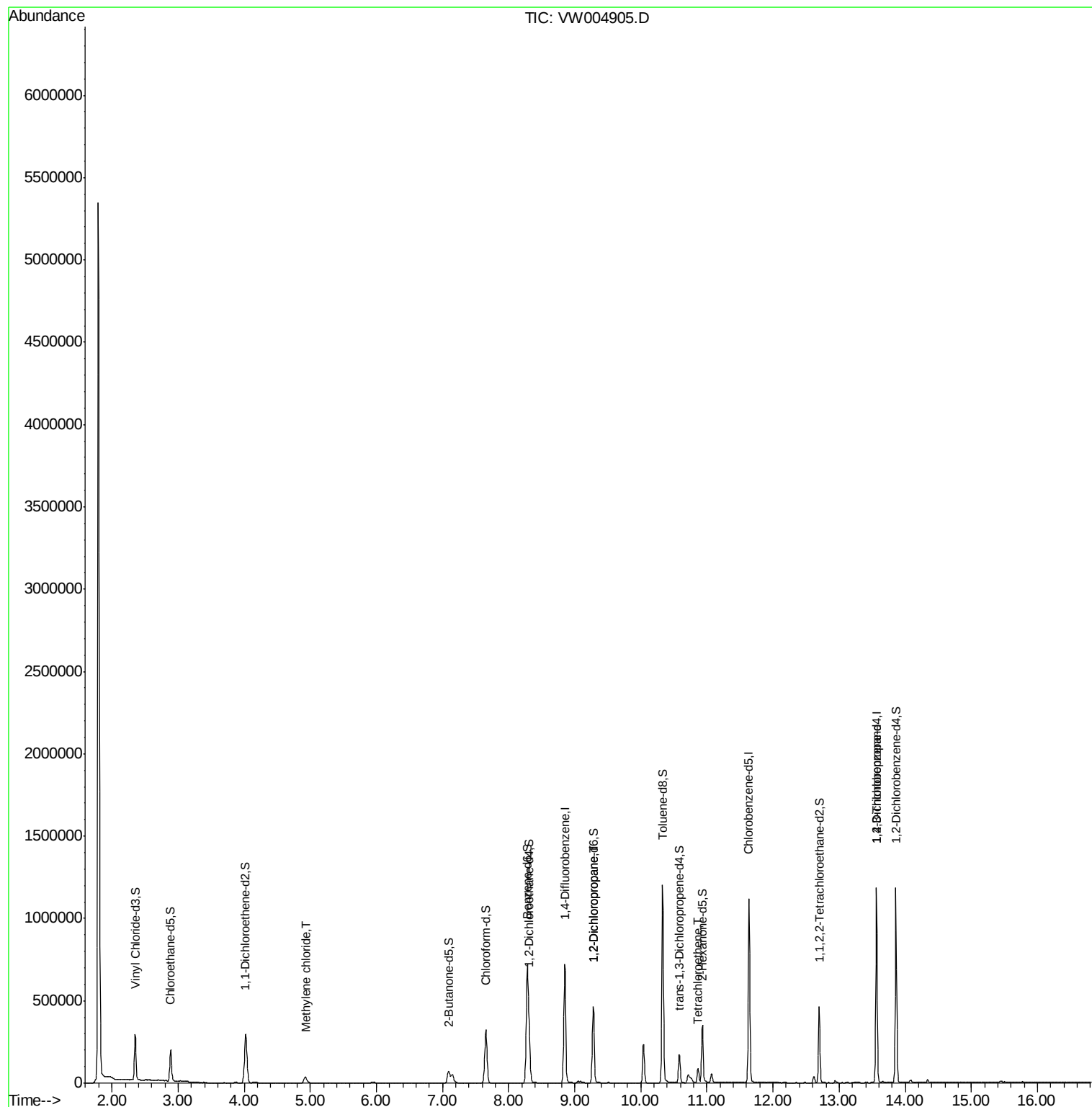
					Ovalue
16) Methylene chloride	4.93	84	28207	2.330 ug/L	95
40) 1,2-Dichloropropane	9.28	63	23638	2.513 ug/L #	91
47) Tetrachloroethene	10.87	164	20937	2.249 ug/L	89
59) 1,2,3-Trichloropropane	13.57	75	36840	4.569 ug/L	89

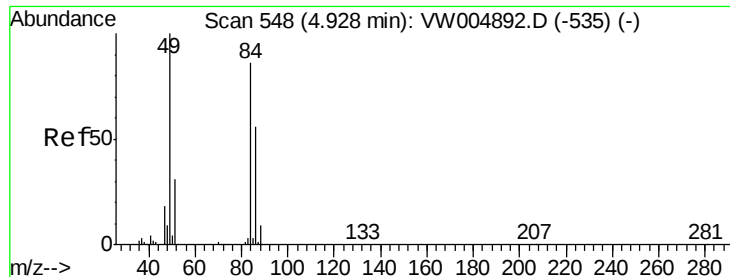
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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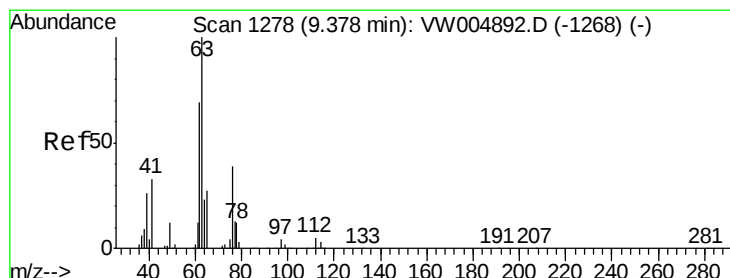
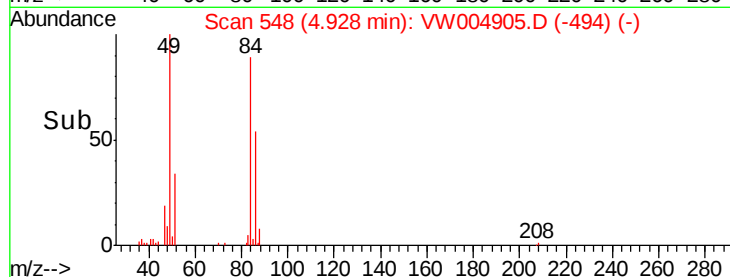
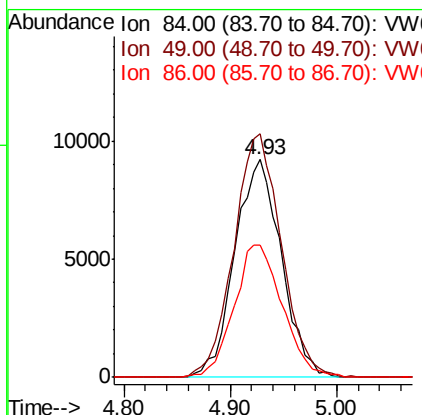
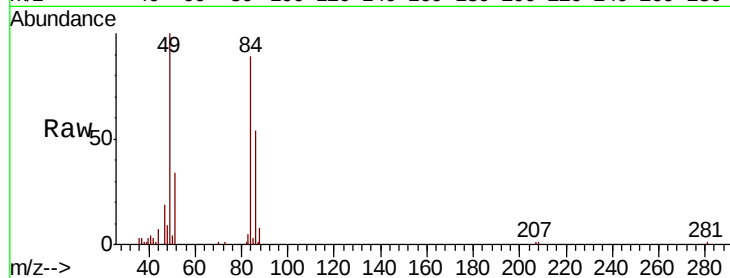




#16
Methylene chloride
Concen: 2.330 ug/L
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW004905.D
Acq: 23 Aug 2018 18:43

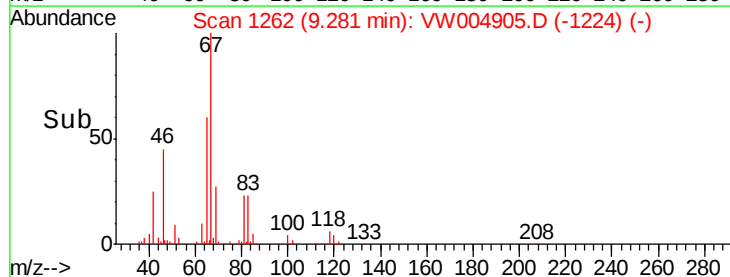
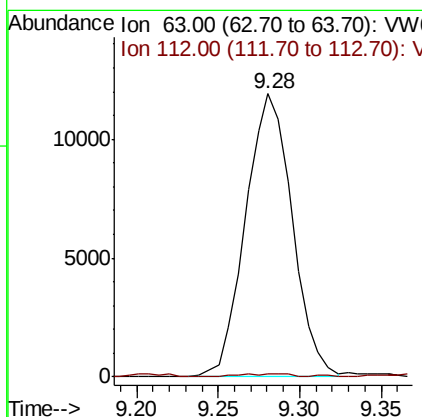
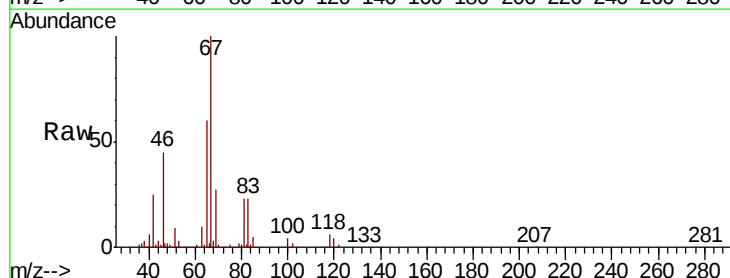
Instrument :
MSVOA_W
ClientSampled :

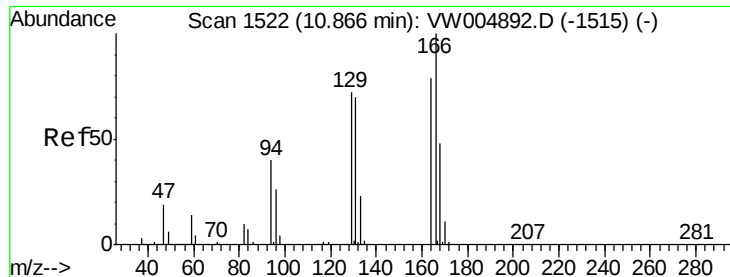
Tot Ion: 84 Resp: 28207
Ion Ratio Lower Upper
84 100
49 112.0 83.8 155.6
86 60.8 42.6 79.0



#40
1,2-Dichloropropane
Concen: 2.513 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.10 min
Lab File: VW004905.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 63 Resp: 23638
Ion Ratio Lower Upper
63 100
112 1.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.249 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004905.D

Acq: 23 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 20937

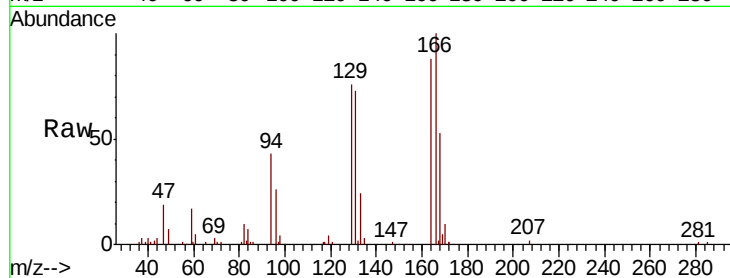
Ion Ratio Lower Upper

164 100

129 86.0 66.8 124.0

131 82.9 64.0 119.0

166 113.3 89.8 166.8

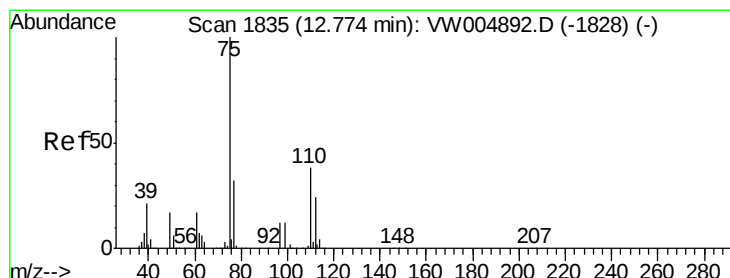
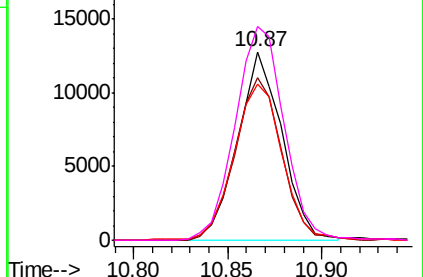
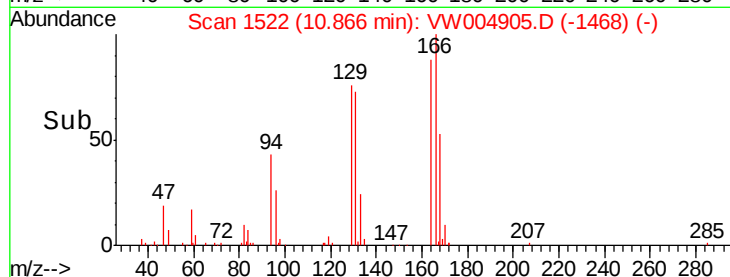


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.569 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004905.D

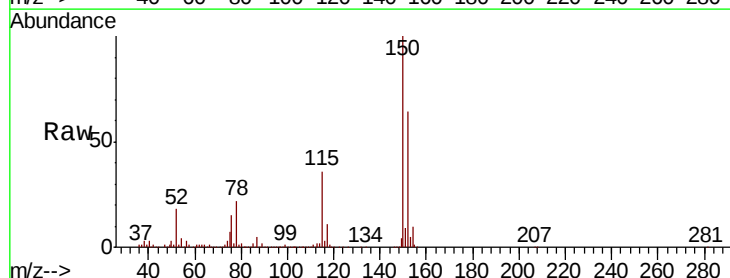
Acq: 23 Aug 2018 18:43

Tgt Ion: 75 Resp: 36840

Ion Ratio Lower Upper

75 100

77 37.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

