

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005234.D
 Acq On : 08 Sep 2018 03:35
 Operator : SY/AP
 Sample : VINYL CHLORIDE0.4PPB
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VINYL CHLORIDE0.4PPB

Quant Time: Sep 08 04:23:16 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	747881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	753568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	362875	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	189461	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
7) Chloroethane-d5	2.89	69	151814	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.96%
10) 1,1-Dichloroethene-d2	4.02	63	226483	13.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.92%
20) 2-Butanone-d5	7.09	46	144428	46.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.12%
24) Chloroform-d	7.65	84	254475	15.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.92%
26) 1,2-Dichloroethane-d4	8.31	65	187803	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.32%
29) Benzene-d6	8.28	84	733570	19.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.44%
33) 1,2-Dichloropropane-d6	9.28	67	228035	20.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.48%
37) Toluene-d8	10.33	98	746195	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.72%
38) trans-1,3-Dichloropropene-	10.59	79	89959	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.88%
39) 2-Hexanone-d5	10.93	63	127922	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	231443	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	301598	21.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.44%

Target Compounds

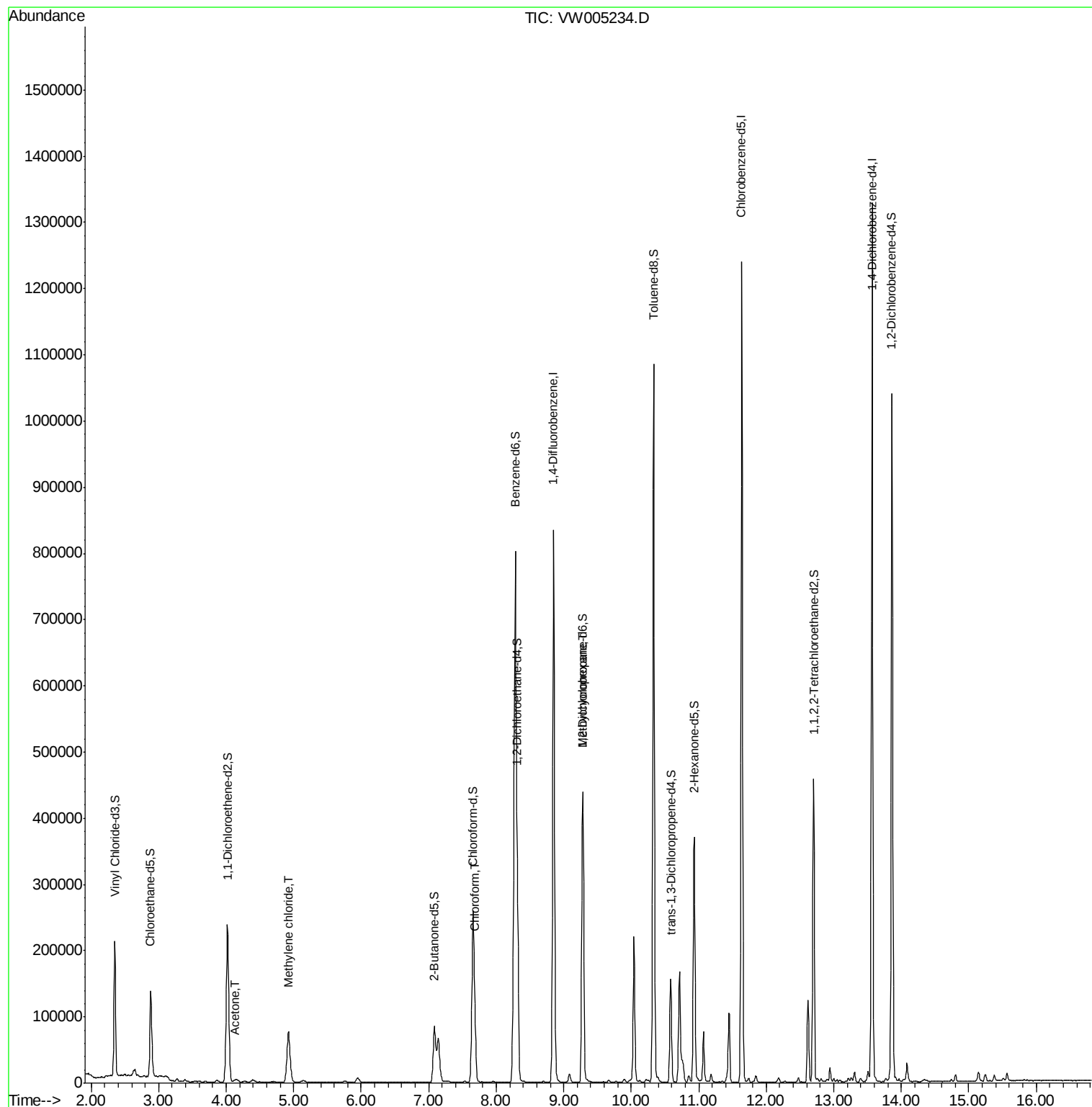
					Qvalue
13) Acetone	4.13	43	5240	2.310 ug/L	80
16) Methylene chloride	4.92	84	62938	4.884 ug/L	95
25) Chloroform	7.68	83	68068	4.495 ug/L	95
36) Methylcyclohexane	9.28	83	52460	3.248 ug/L #	21

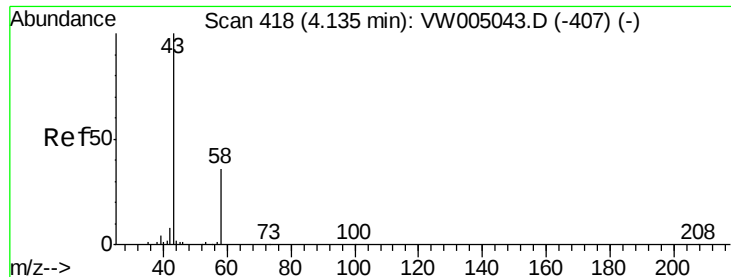
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.310 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005234.D

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MSVOA_W

ClientSampleId :

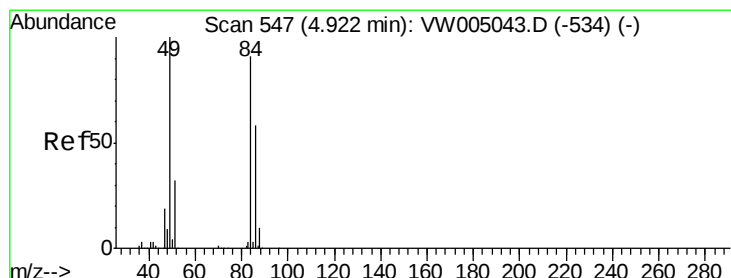
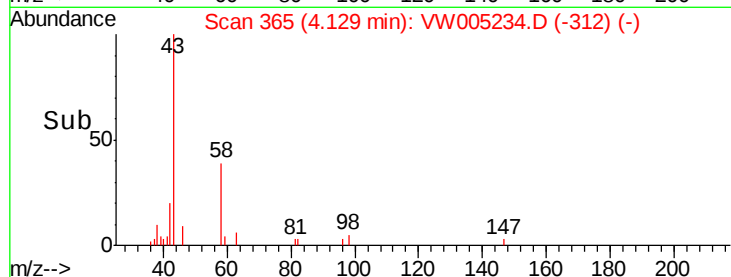
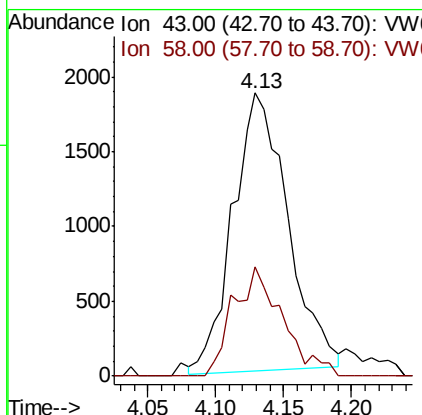
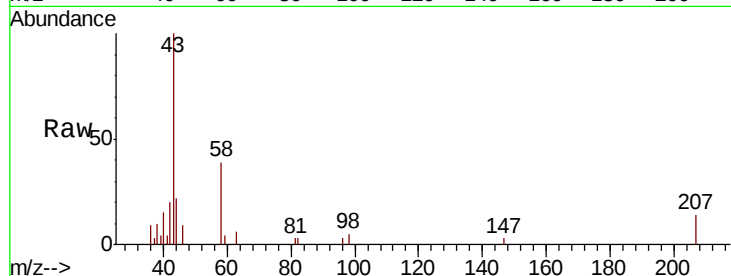
VINYL CHLORIDE0.4PPB

Tgt Ion: 43 Resp: 5240

Ion Ratio Lower Upper

43 100

58 23.7 0.0 70.4



#16

Methylene chloride

Concen: 4.884 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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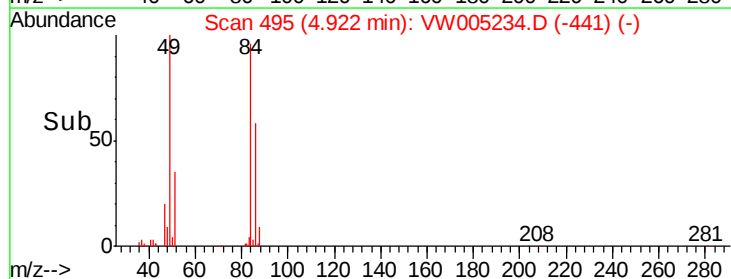
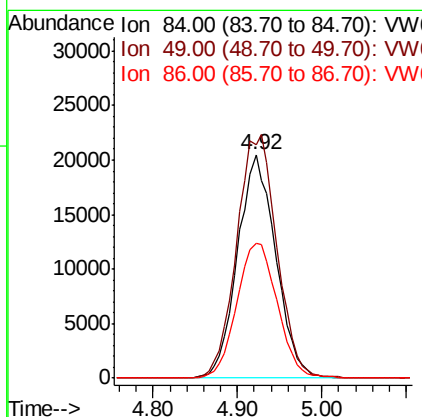
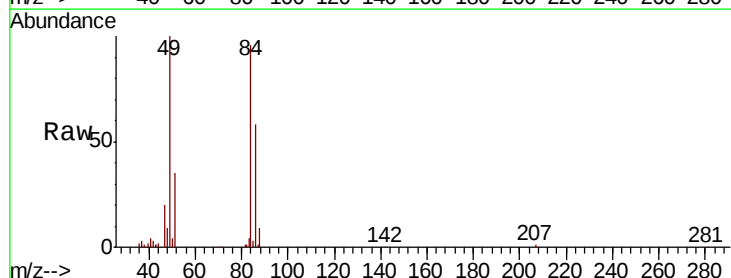
Tgt Ion: 84 Resp: 62938

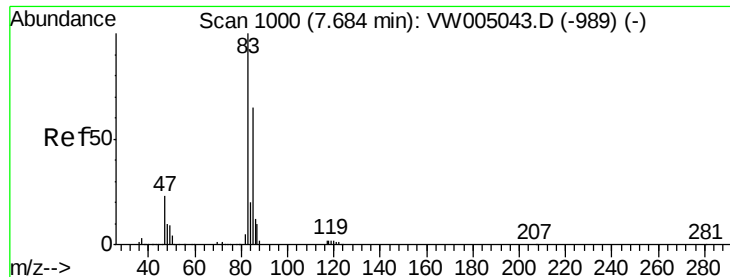
Ion Ratio Lower Upper

84 100

49 104.7 77.3 143.7

86 60.6 44.7 83.1

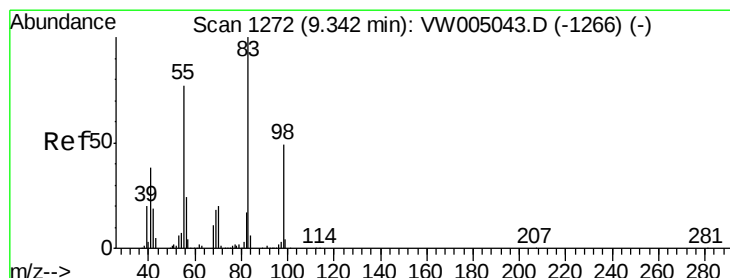
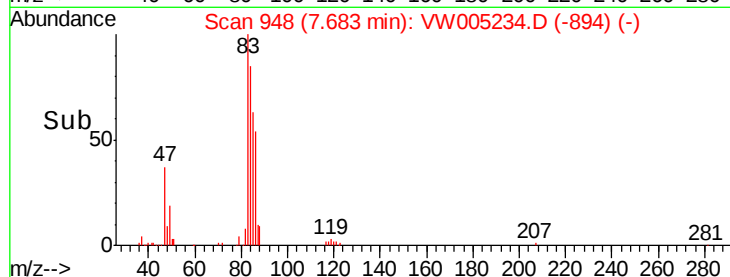
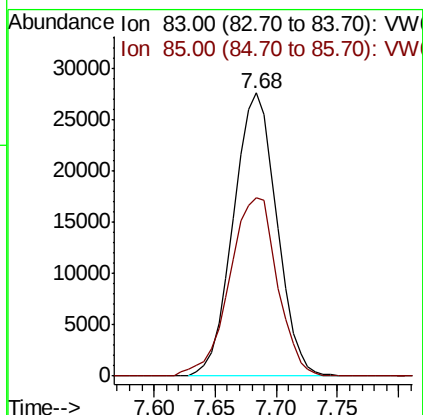
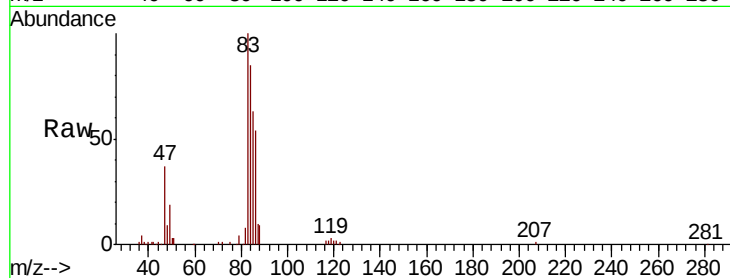




#25
Chloroform
Concen: 4.495 ug/L
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 68068
Ion Ratio Lower Upper
83 100
85 69.7 46.0 85.4



#36
Methylcyclohexane
Concen: 3.248 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005234.D
Acq: 08 Sep 2018 03:35

Tgt Ion: 83 Resp: 52460
Ion Ratio Lower Upper
83 100
55 0.8 59.5 89.3#
98 1.5 37.4 56.2#

