

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014009.D
 Acq On : 11 Dec 2019 13:48
 Operator : SY/MD
 Sample : K6190-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	716076	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	663842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	198335	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.78%
7) Chloroethane-d5	1.56	69	205476	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.06%
11) 1,1-Dichloroethene-d2	2.12	63	307065	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.92	46	252342	86.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.57%
24) Chloroform-d	4.40	84	433098	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.07	65	272342	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.09	84	879612	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
36) 1,2-Dichloropropane-d6	6.11	67	278842	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.00%
41) Toluene-d8	7.35	98	773864	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%
43) trans-1,3-Dichloropropene-	7.66	79	112182	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.13	63	131159	68.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.03%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	265820	35.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	243126	53.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.76%

Target Compounds

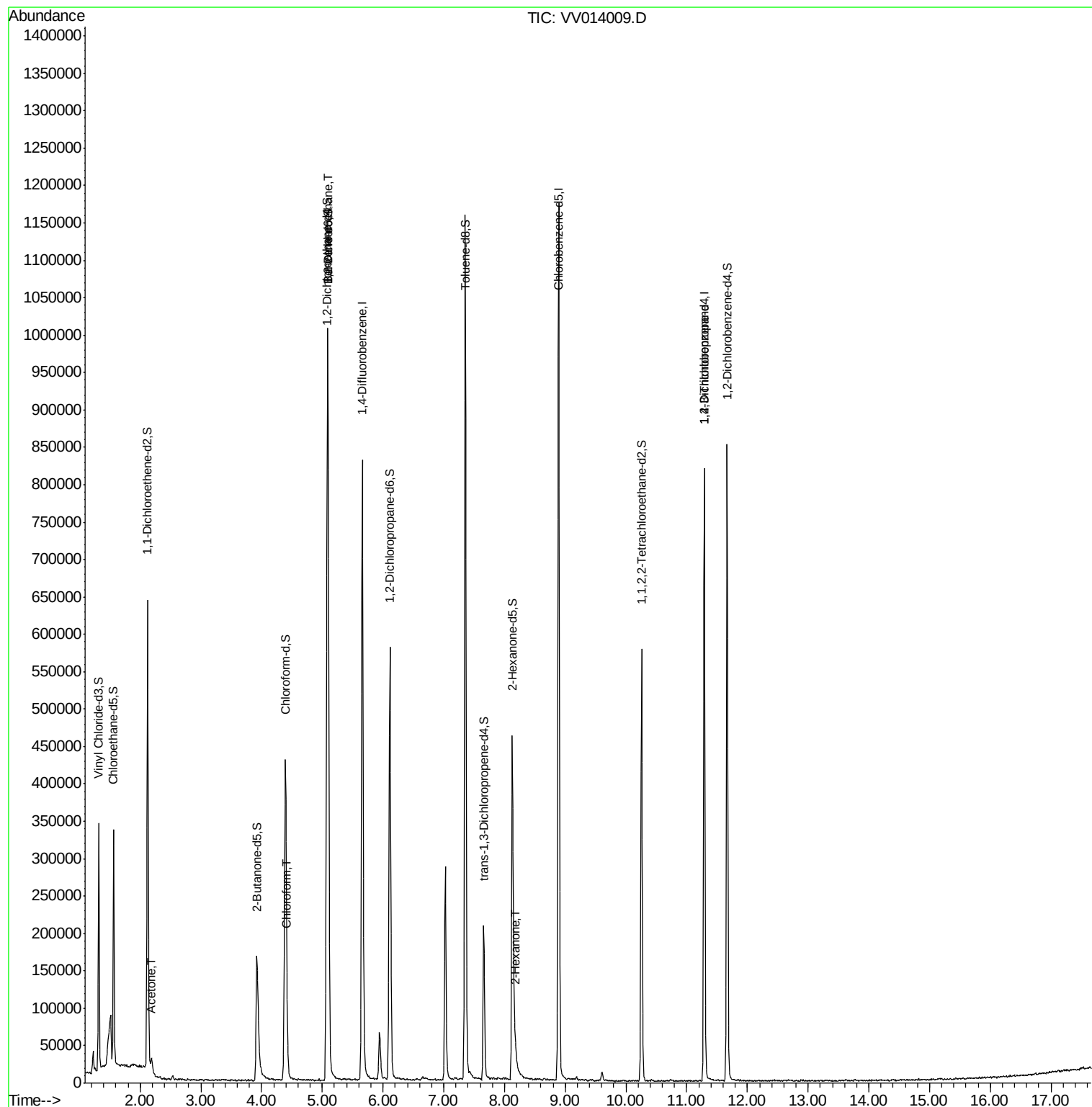
					Ovalue
13) Acetone	2.19	43	8765	2.052 ug/L	85
25) Chloroform	4.43	83	10073	1.028 ug/L	91
27) 1,2-Dichloroethane	5.09	62	5365	0.760 ug/L	96
48) 2-Hexanone	8.18	43	21520	4.324 ug/L #	42
59) 1,2,3-Trichloropropane	11.29	75	22032	3.403 ug/L	92

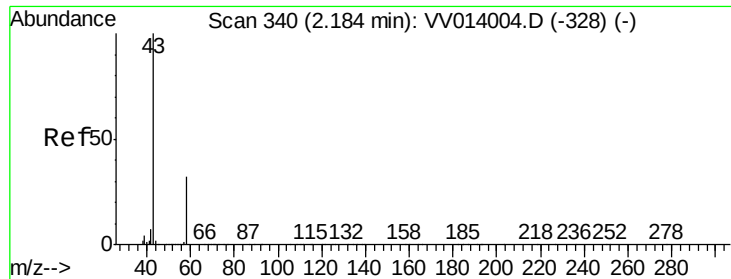
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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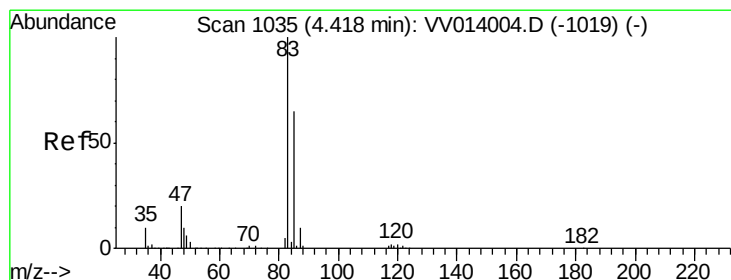
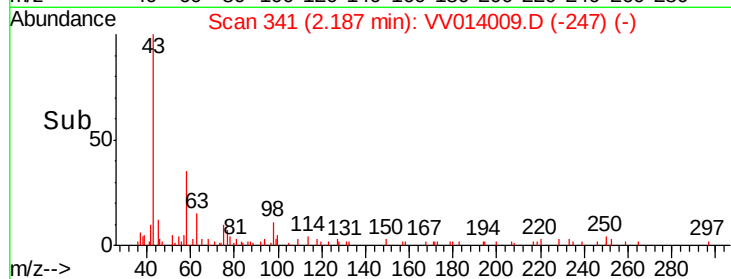
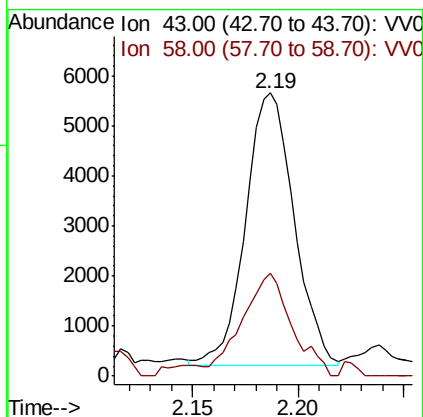
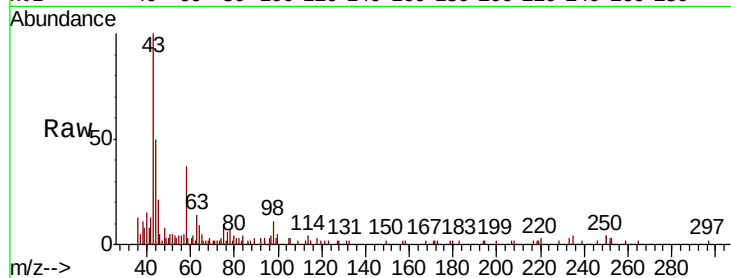




#13
Acetone
Concen: 2.052 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV014009.D
Acq: 11 Dec 2019 13:48

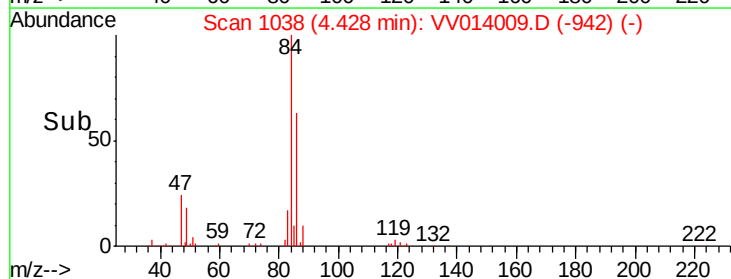
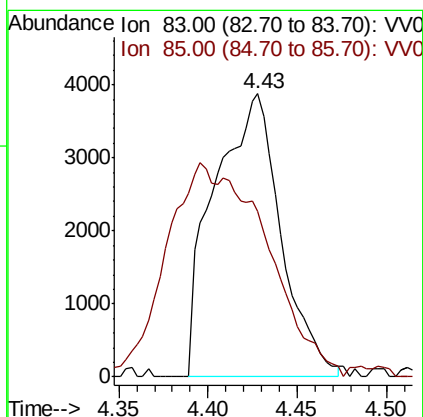
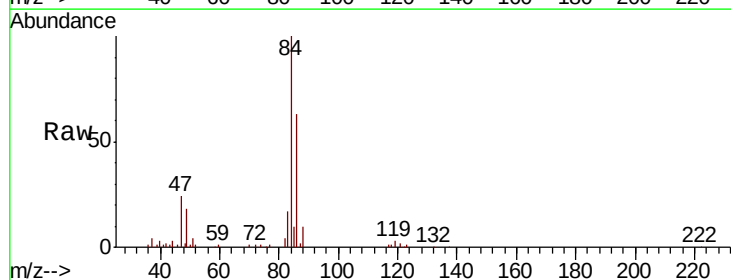
Instrument :
MSVOA_V
ClientSampleId :

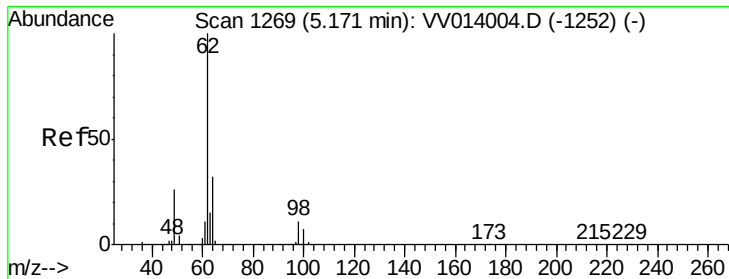
Tot Ion: 43 Resp: 8765
Ion Ratio Lower Upper
43 100
58 38.4 0.0 60.8



#25
Chloroform
Concen: 1.028 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014009.D
Acq: 11 Dec 2019 13:48

Tgt Ion: 83 Resp: 10073
Ion Ratio Lower Upper
83 100
85 58.4 45.7 84.9

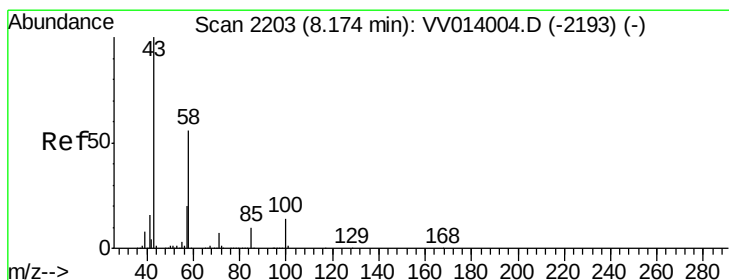
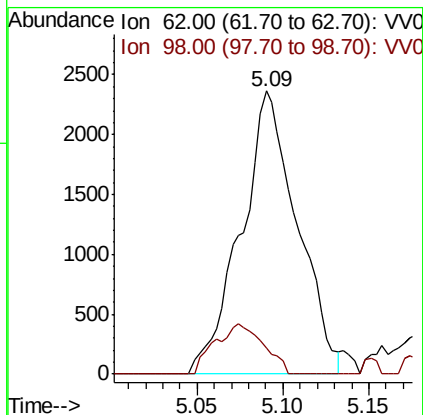
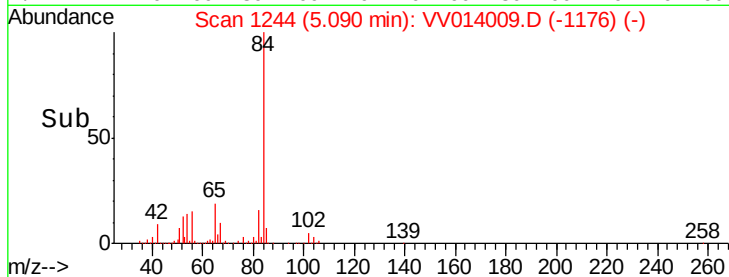
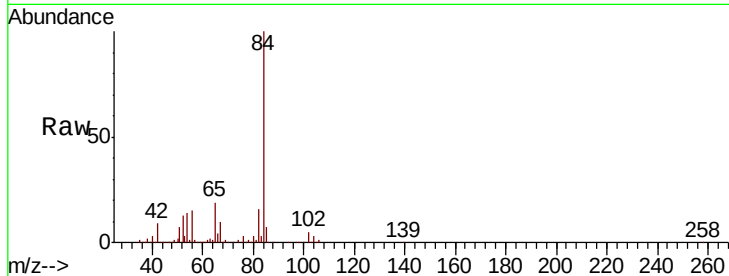




#27
 1,2-Dichloroethane
 Concen: 0.760 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.08 min
 Lab File: VV014009.D
 Acq: 11 Dec 2019 13:48

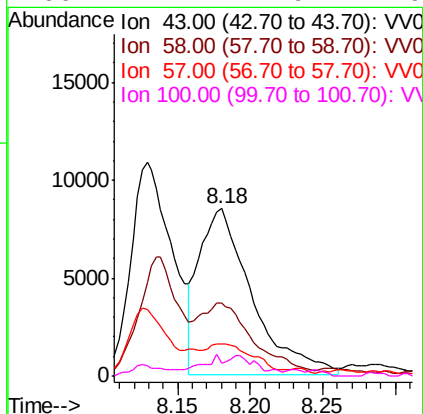
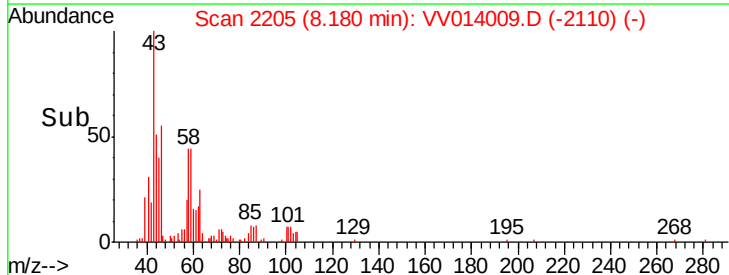
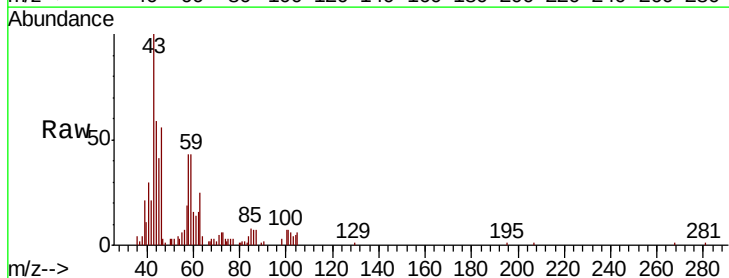
Instrument :
 MSVOA_V
 ClientSampleId :

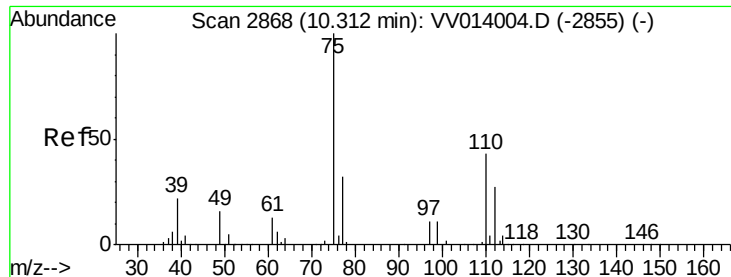
Tot Ion: 62 Resp: 5365
 Ion Ratio Lower Upper
 62 100
 98 9.1 8.5 12.7



#48
 2-Hexanone
 Concen: 4.324 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VV014009.D
 Acq: 11 Dec 2019 13:48

Tgt Ion: 43 Resp: 21520
 Ion Ratio Lower Upper
 43 100
 58 0.0 48.4 72.6#
 57 14.8 16.6 24.8#
 100 2.1 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 3.403 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014009.D

Acq: 11 Dec 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 22032

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

