

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014327.D
 Acq On : 12 Dec 2019 15:43
 Operator : SY/VA
 Sample : K6236-15
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEX1

Quant Time: Dec 13 06:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1261452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1021980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	357700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	443148	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
7) Chloroethane-d5	2.89	69	356351	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
10) 1,1-Dichloroethene-d2	4.01	63	614580	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.88%
20) 2-Butanone-d5	7.07	46	196120	39.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.80%
24) Chloroform-d	7.64	84	773867	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	8.46	65	208	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1674951	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	512421	27.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.24%
37) Toluene-d8	10.32	98	1414112	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.44%
38) trans-1,3-Dichloropropene-	10.57	79	181704	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.00%
39) 2-Hexanone-d5	10.92	63	157367	42.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	305538	20.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	335827	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

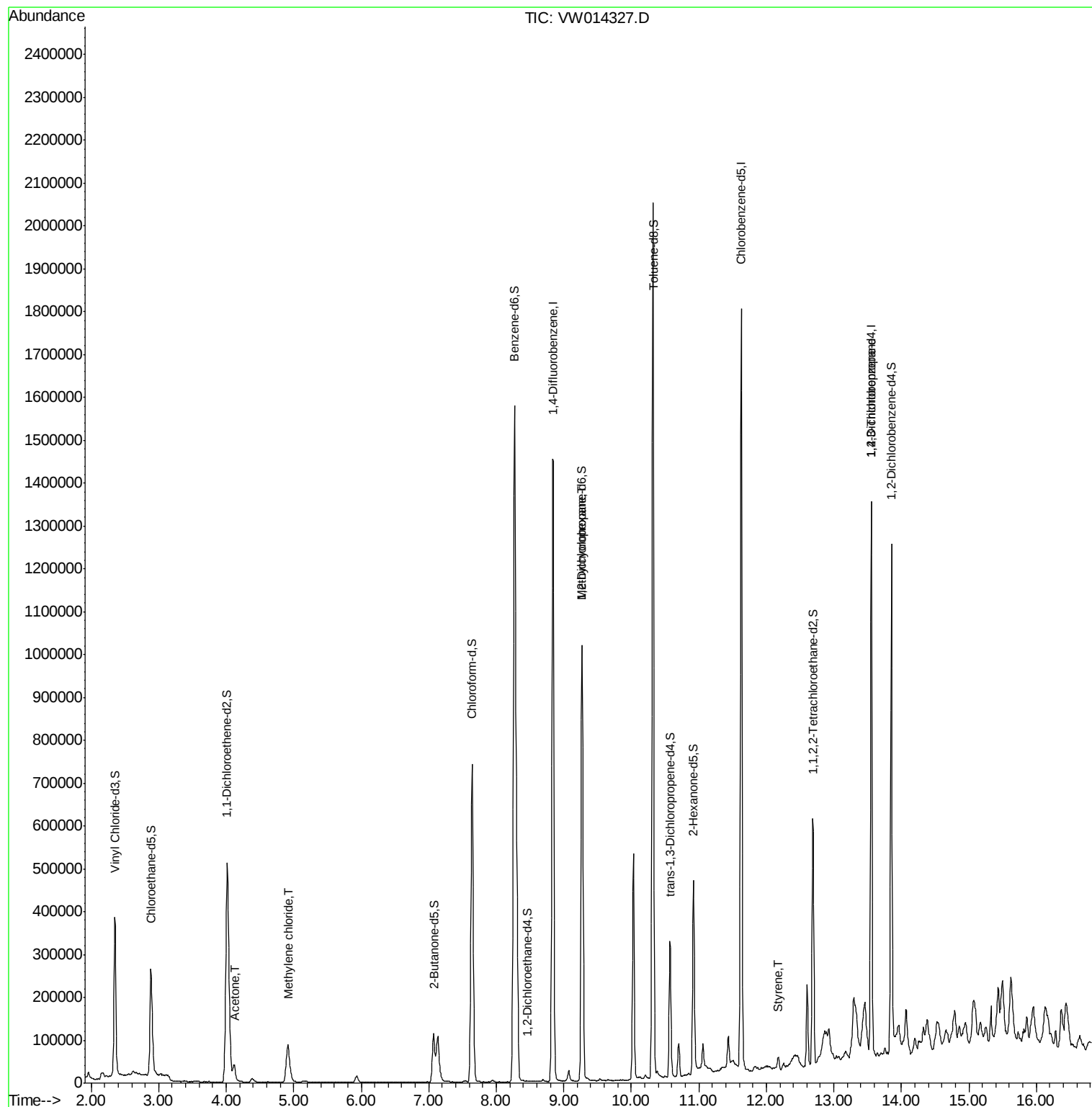
					Ovalue
13) Acetone	4.12	43	64619	13.464	ug/L 98
16) Methylene chloride	4.91	84	80293	4.152	ug/L 92
36) Methylcyclohexane	9.27	83	118420	4.256	ug/L # 20
56) Styrene	12.18	104	14385	0.313	ug/L 93
59) 1,2,3-Trichloropropane	13.55	75	41156	3.582	ug/L 96

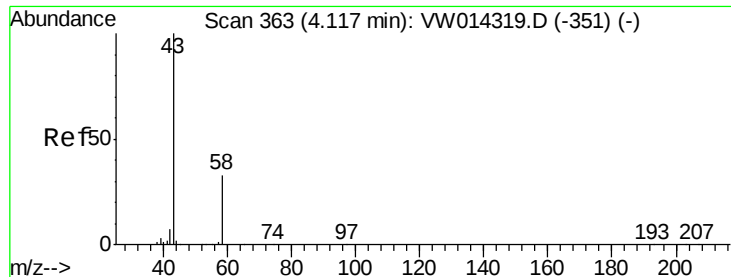
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.464 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014327.D

Acq: 12 Dec 2019 15:43

Instrument :

MSVOA_W

ClientSampled :

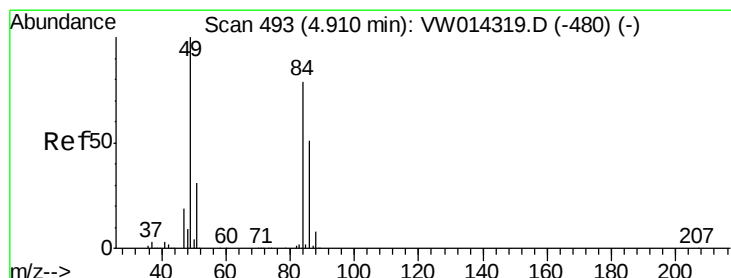
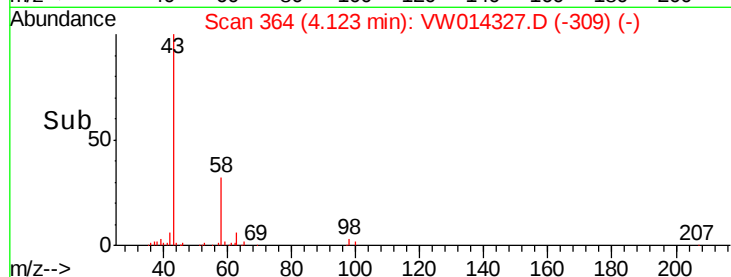
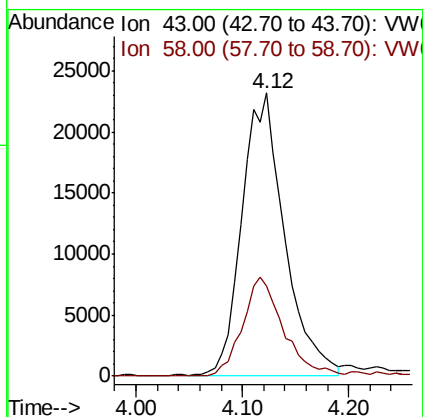
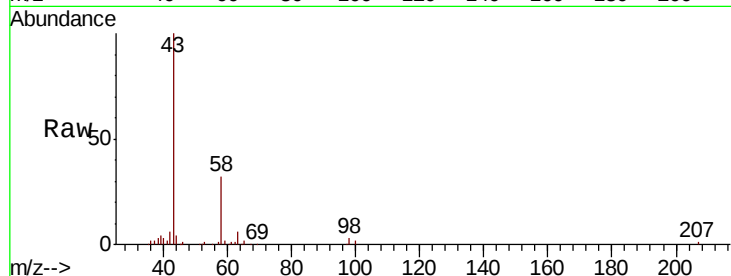
BFEX1

Tot Ion: 43 Resp: 64619

Ion Ratio Lower Upper

43 100

58 33.6 0.0 65.4



#16

Methylene chloride

Concen: 4.152 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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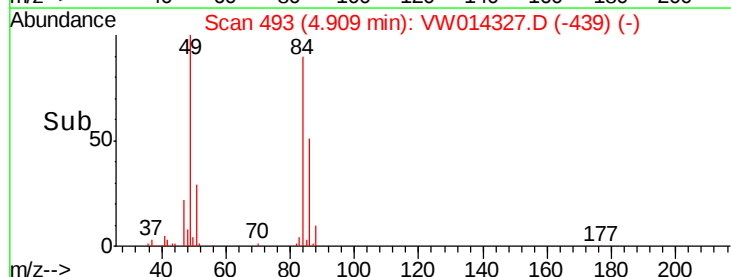
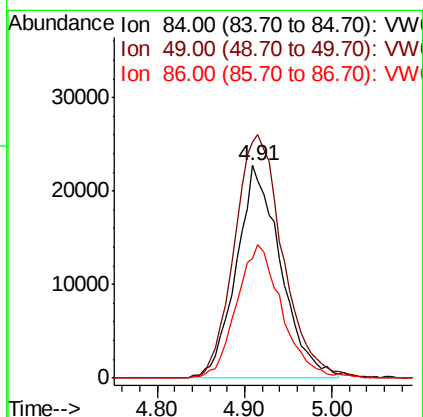
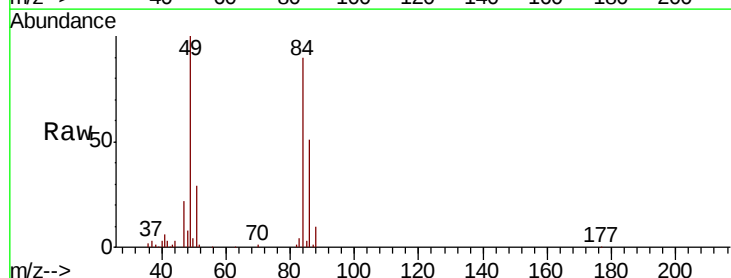
Tgt Ion: 84 Resp: 80293

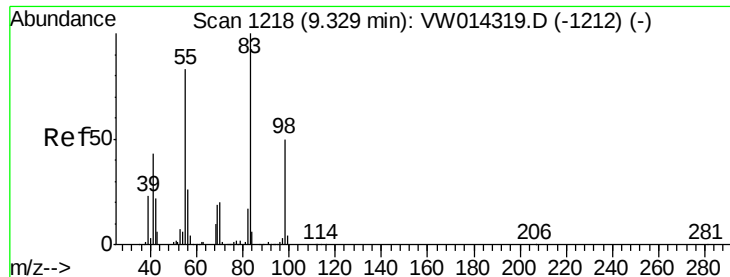
Ion Ratio Lower Upper

84 100

49 110.8 84.2 156.4

86 56.3 43.7 81.1

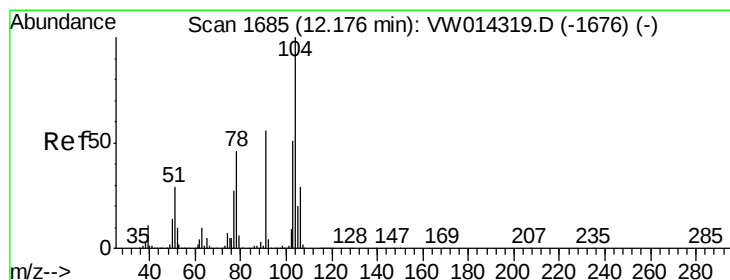
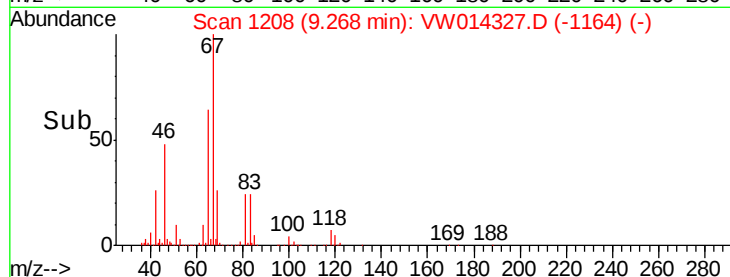
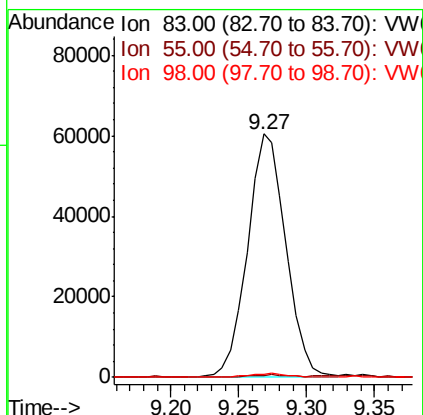
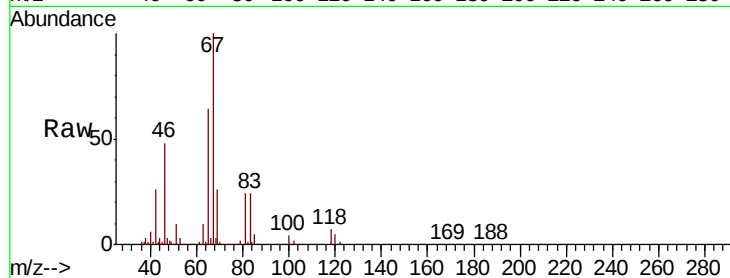




#36
Methylcyclohexane
Concen: 4.256 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
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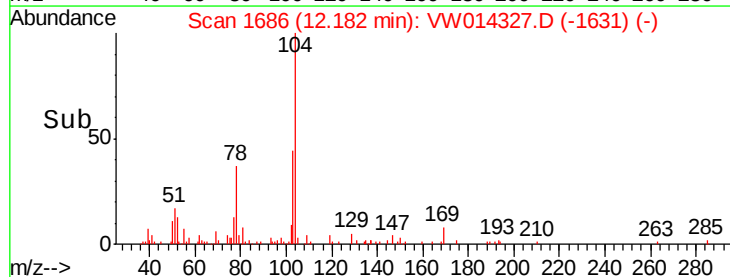
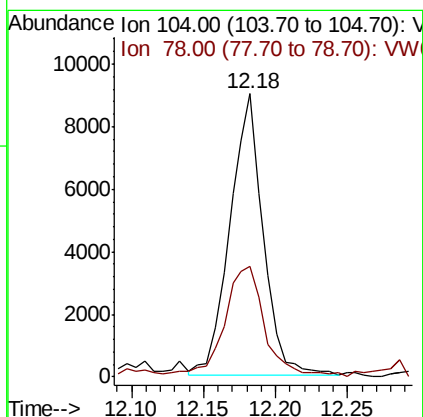
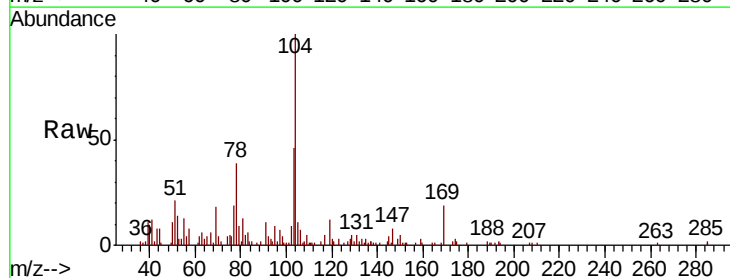
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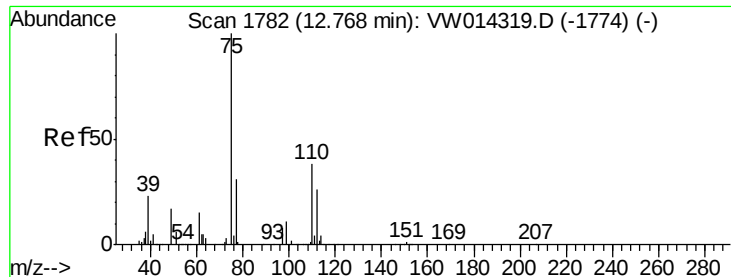
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.8	89.8#
98	1.6	39.5	59.3#



#56
Styrene
Concen: 0.313 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014327.D
Acq: 12 Dec 2019 15:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.9	30.6	56.8





#59

1,2,3-Trichloropropane

Concen: 3.582 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014327.D

Acq: 12 Dec 2019 15:43

Instrument :

MSVOA_W

ClientSampleId :

BFEX1

Tot Ion: 75 Resp: 41156

Ion Ratio Lower Upper

75 100

77 34.6 25.9 38.9

