

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010249.D
 Acq On : 01 May 2019 15:52
 Operator : SY/VA
 Sample : K2602-16RE
 Misc : 2.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFHK9RE

Quant Time: May 02 03:45:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 03:31:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387861	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	65193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91564	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
7) Chloroethane-d5	2.89	69	79527	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
10) 1,1-Dichloroethene-d2	4.01	63	125331	12.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.24%
20) 2-Butanone-d5	7.08	46	61597	37.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.92%
24) Chloroform-d	7.65	84	222619	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.31	65	158049	27.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.48%
29) Benzene-d6	8.27	84	458545	33.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.16%#
33) 1,2-Dichloropropane-d6	9.27	67	167305	39.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.88%#
37) Toluene-d8	10.32	98	311649	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.00%
38) trans-1,3-Dichloropropene-	10.58	79	49542	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.44%
39) 2-Hexanone-d5	10.93	63	54612	61.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91520	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	52679	21.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.00%

Target Compounds

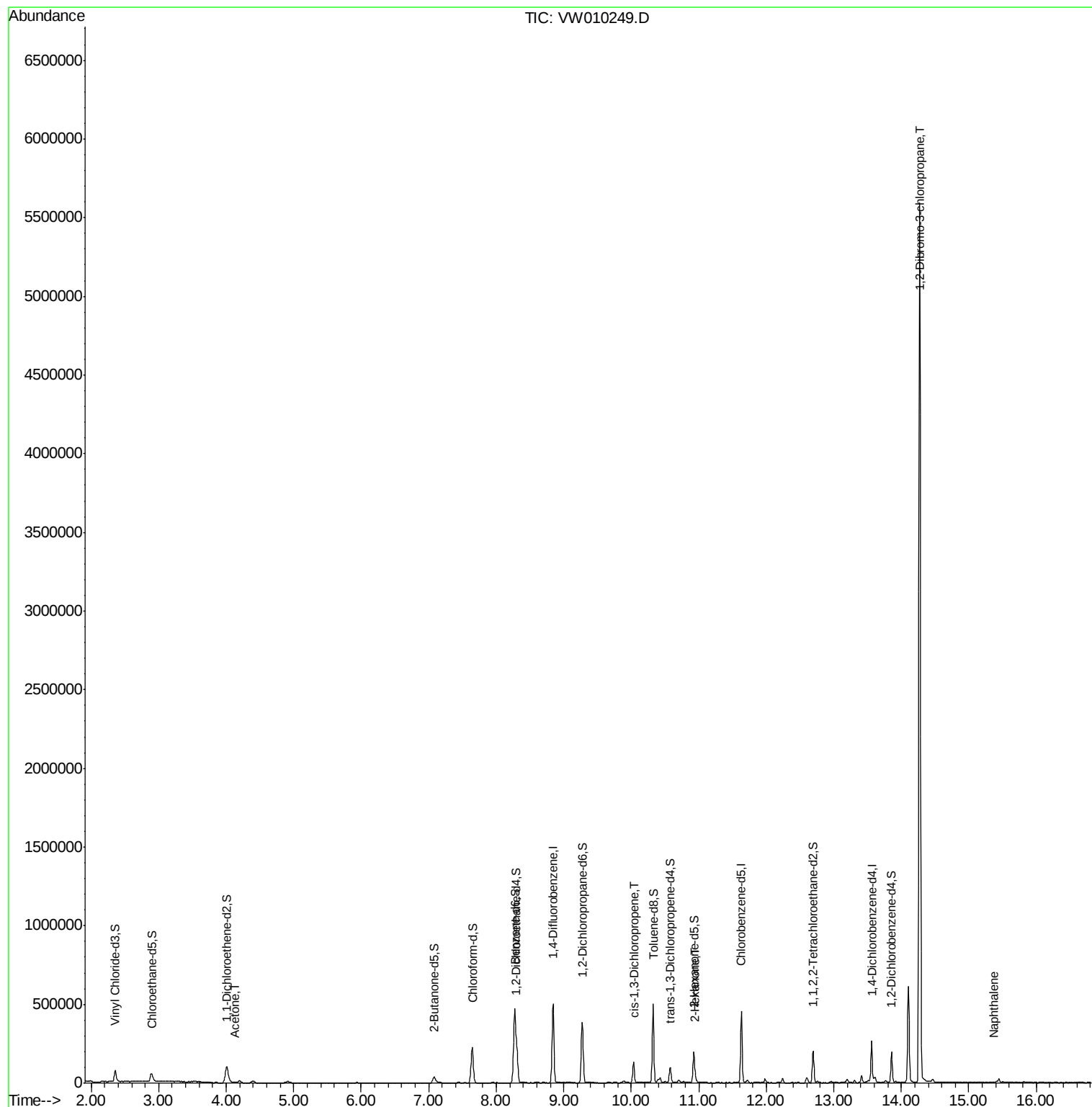
					Ovalue
13) Acetone	4.12	43	5713	4.454 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	3657	0.641 ug/L #	63
49) 2-Hexanone	10.94	43	7962	4.306 ug/L #	41
66) 1,2-Dibromo-3-chloropropan	14.27	75	5814	18.881 ug/L #	1
69) Naphthalene	15.38	128	2975	0.592 ug/L #	90

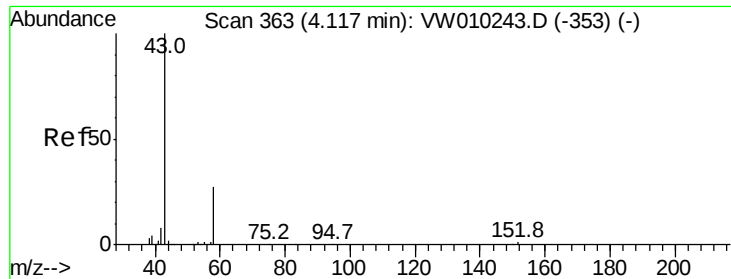
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 03:31:19 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.454 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010249.D

Acq: 01 May 2019 15:52

Instrument :

MSVOA_W

ClientSampleId :

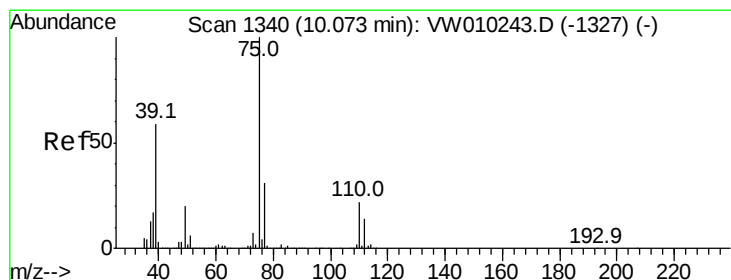
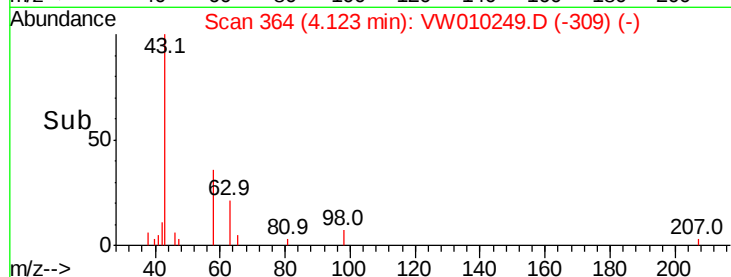
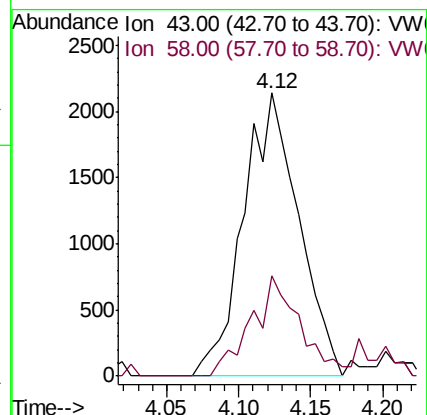
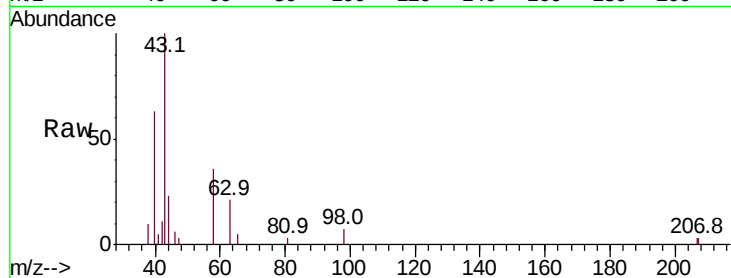
BFHK9RE

Tot Ion: 43 Resp: 5713

Ion Ratio Lower Upper

43 100

58 20.2 0.0 59.8



#42

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW010249.D

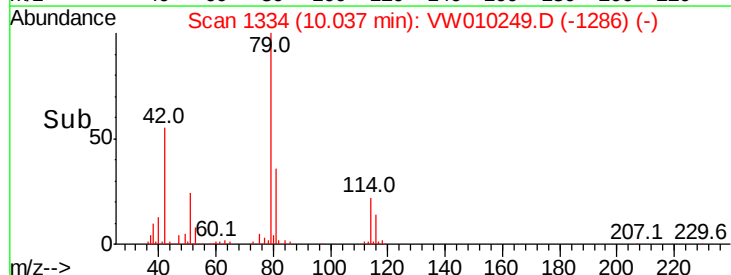
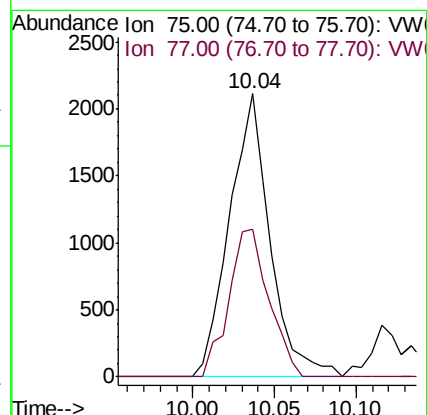
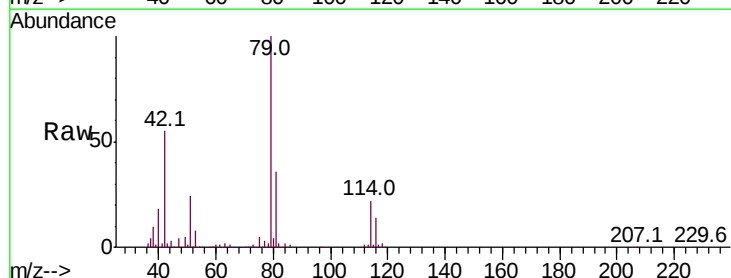
Acq: 01 May 2019 15:52

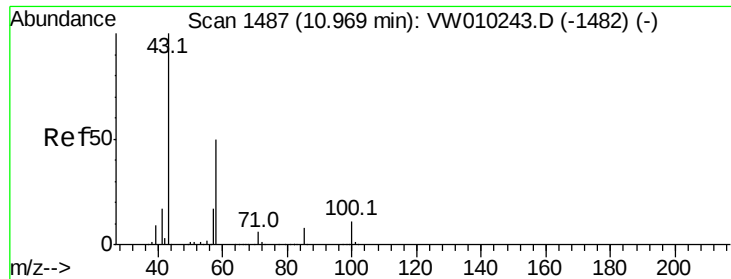
Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 52.2 22.1 41.1#





#49

2-Hexanone

Concen: 4.306 ug/L

RT: 10.94 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW010249.D

Acq: 01 May 2019 15:52

Instrument :

MSVOA_W

ClientSampleId :

BFHK9RE

Tot Ion: 43 Resp: 7962

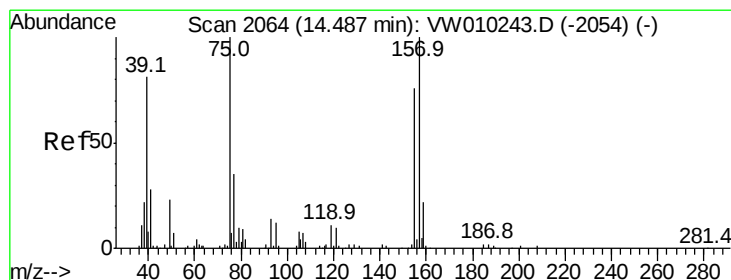
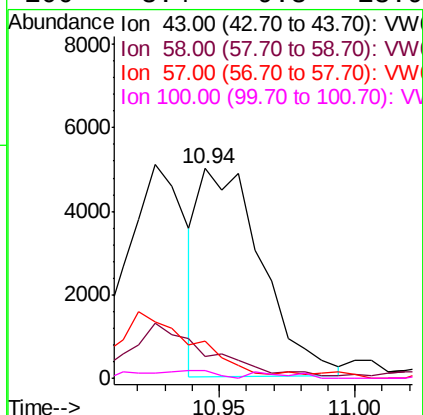
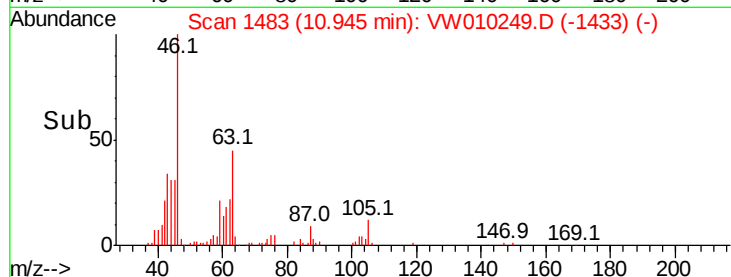
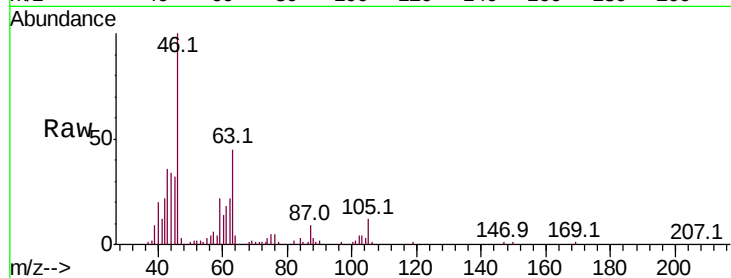
Ion Ratio Lower Upper

43 100

58 0.0 41.4 62.2#

57 0.0 14.8 22.2#

100 3.4 9.3 13.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 18.881 ug/L

RT: 14.27 min Scan# 2029

Delta R.T. -0.21 min

Lab File: VW010249.D

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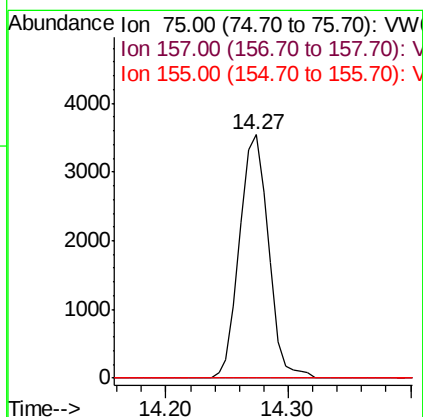
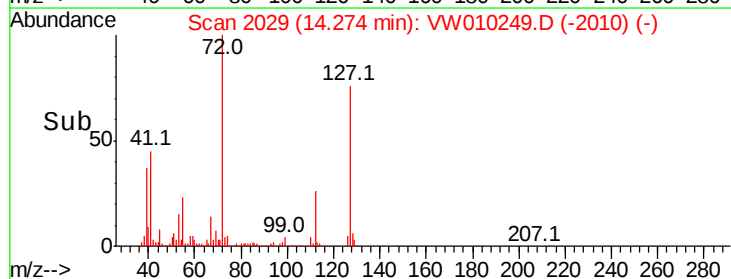
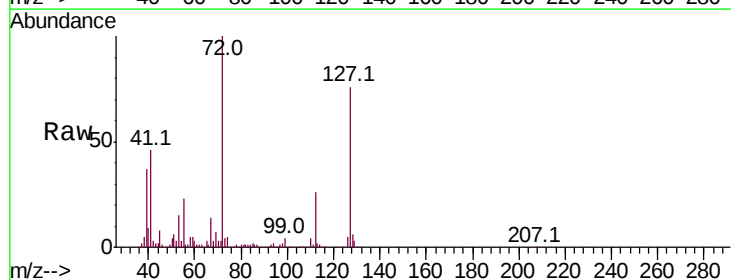
Tgt Ion: 75 Resp: 5814

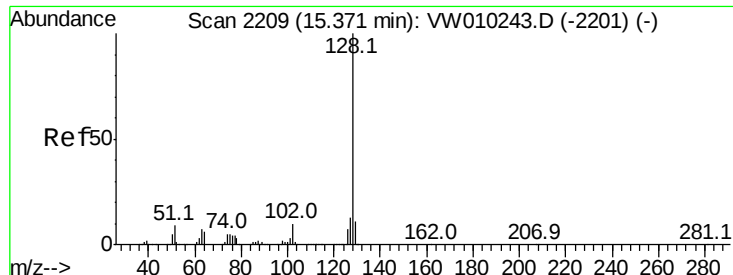
Ion Ratio Lower Upper

75 100

157 0.0 85.7 128.5#

155 0.0 70.8 106.2#





#69

Naphthalene

Concen: 0.592 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010249.D

Acq: 01 May 2019 15:52

Instrument :

MSVOA_W

ClientSampleId :

BFHK9RE

Tot Ion:128 Resp: 2975

Ion Ratio Lower Upper

128 100

129 8.6 8.6 12.8

127 7.7 10.6 15.8#

