

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052323\
 Data File : VW031201.D
 Acq On : 23 May 2023 19:35
 Operator : SY/MD
 Sample : 02865-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX64

Quant Time: May 24 01:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

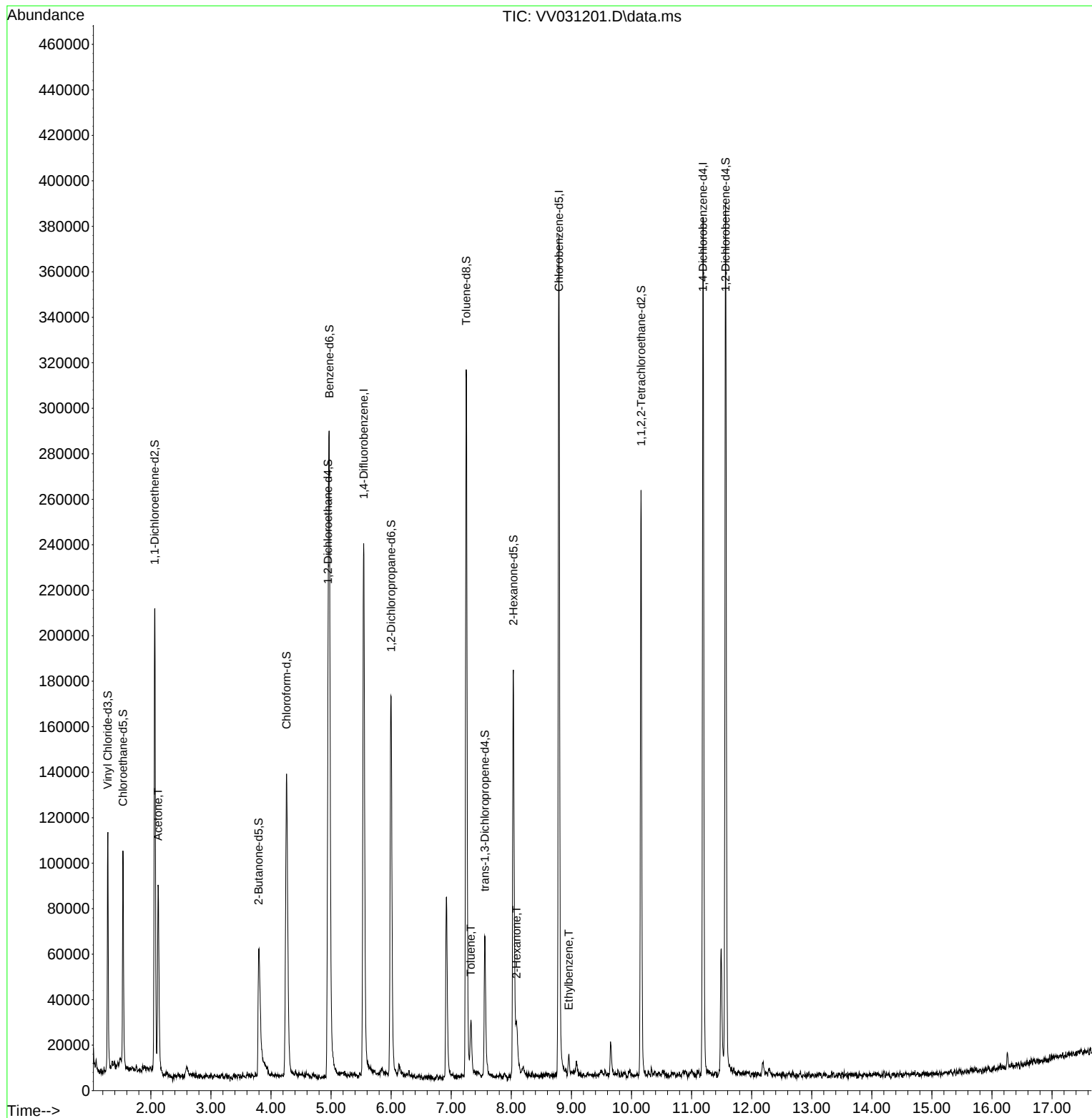
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	194037	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	190868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	99947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68264	41.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.340%
7) Chloroethane-d5	1.536	69	59067	46.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.480%
11) 1,1-Dichloroethene-d2	2.063	65	34135	43.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
21) 2-Butanone-d5	3.796	46	94061	106.451	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.450%
24) Chloroform-d	4.259	84	131790	44.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	4.950	65	95457	48.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	4.970	84	228830	44.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	5.998	67	67573	43.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.300%
41) Toluene-d8	7.249	98	200902	41.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.558	79	33840	43.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.034	63	56576	93.726	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.730%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104766	45.117	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.240%
66) 1,2-Dichlorobenzene-d4	11.567	152	92862	51.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	95808	83.403	ug/L	96
42) Toluene	7.326	91	16228	3.280	ug/L	94
48) 2-Hexanone	8.088	43	11438	7.091	ug/L #	90
52) Ethylbenzene	8.956	91	4920	0.869	ug/L	99

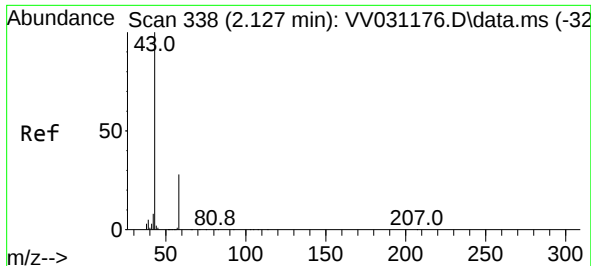
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 83.403 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031201.D

Acq: 23 May 2023 19:35

Instrument :

MSVOA_V

ClientSampleId :

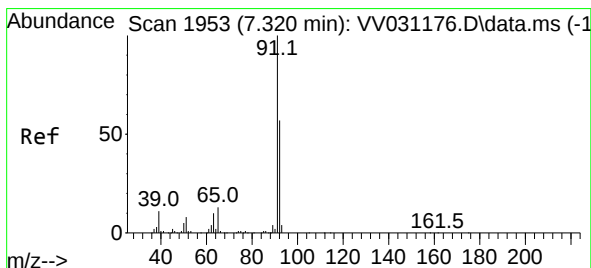
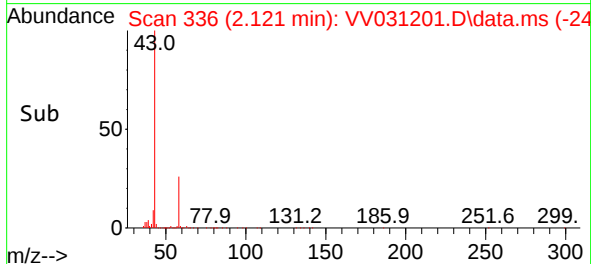
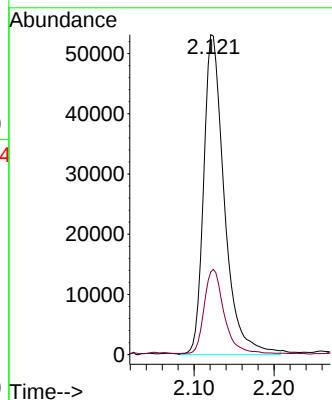
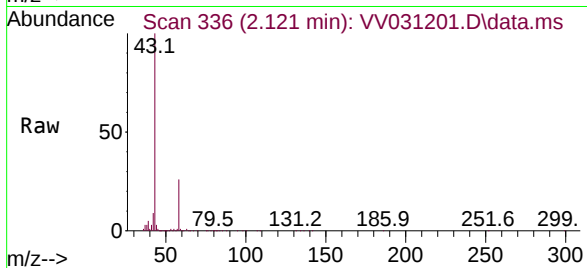
GBX64

Tgt Ion: 43 Resp: 95808

Ion Ratio Lower Upper

43 100

58 24.8 0.0 54.0



#42

Toluene

Concen: 3.280 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.007 min

Lab File: VV031201.D

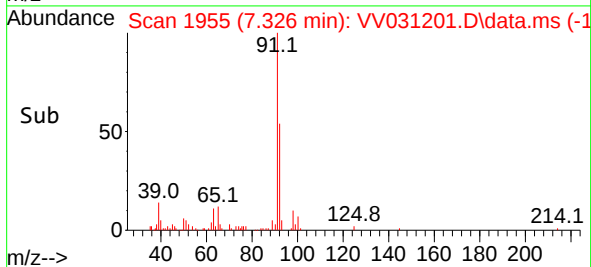
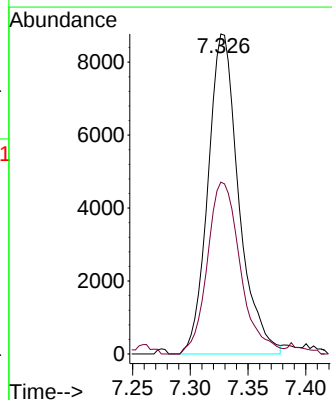
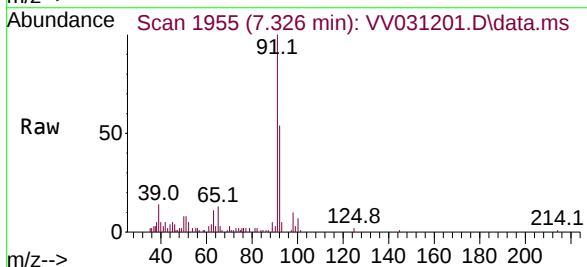
Acq: 23 May 2023 19:35

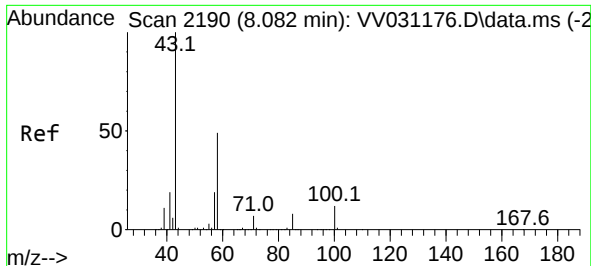
Tgt Ion: 91 Resp: 16228

Ion Ratio Lower Upper

91 100

92 53.7 40.9 76.0





#48

2-Hexanone

Concen: 7.091 ug/L

RT: 8.088 min Scan# 2190

Delta R.T. 0.007 min

Lab File: VV031201.D

Acq: 23 May 2023 19:35

Instrument :

MSVOA_V

ClientSampleId :

GBX64

Tgt Ion: 43 Resp: 11438

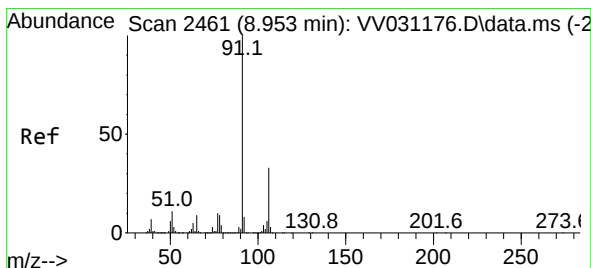
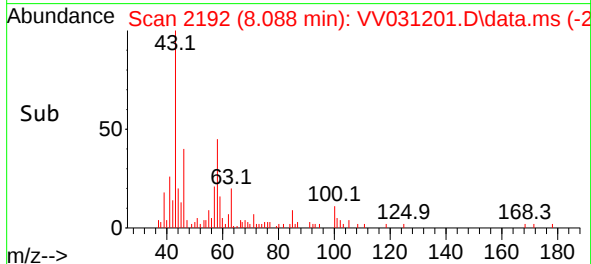
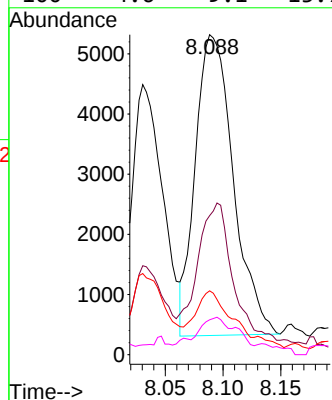
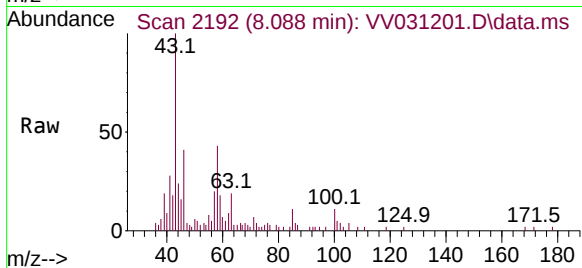
Ion Ratio Lower Upper

43 100

58 44.3 39.8 59.6

57 13.2 14.4 21.6#

100 4.6 9.1 13.7#



#52

Ethylbenzene

Concen: 0.869 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.003 min

Lab File: VV031201.D

Acq: 23 May 2023 19:35

Tgt Ion: 91 Resp: 4920

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9

