

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018536.D
 Acq On : 01 Apr 2021 15:21
 Operator : SY/VA
 Sample : M1896-03
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG579

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 3:54:53 PM

Quant Time: Apr 02 03:31:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	459805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	414638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	195296	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149745	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	2.892	69	115420	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	4.019	63	154838	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.08%
20) 2-Butanone-d5	7.080	46	52795	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.647	84	222827	19.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.12%
26) 1,2-Dichloroethane-d4	8.305	65	139527	20.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.64%
29) Benzene-d6	8.275	84	443035	20.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.40%
33) 1,2-Dichloropropane-d6	9.275	67	129236	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.32%
37) Toluene-d8	10.323	98	429769	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloroprop...	10.579	79	55895	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.20%
39) 2-Hexanone-d5	10.921	63	40202	32.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.62%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	105803	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.40%
61) 1,2-Dichlorobenzene-d4	13.847	152	140772	20.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.08%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	6710	6.56	ug/L	60
14) Carbon disulfide	4.391	76	5608	0.32	ug/L	99
16) Methylene chloride	4.934	84	11656m	1.55	ug/L	
44) Toluene	10.384	91	6946	0.25	ug/L	88

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

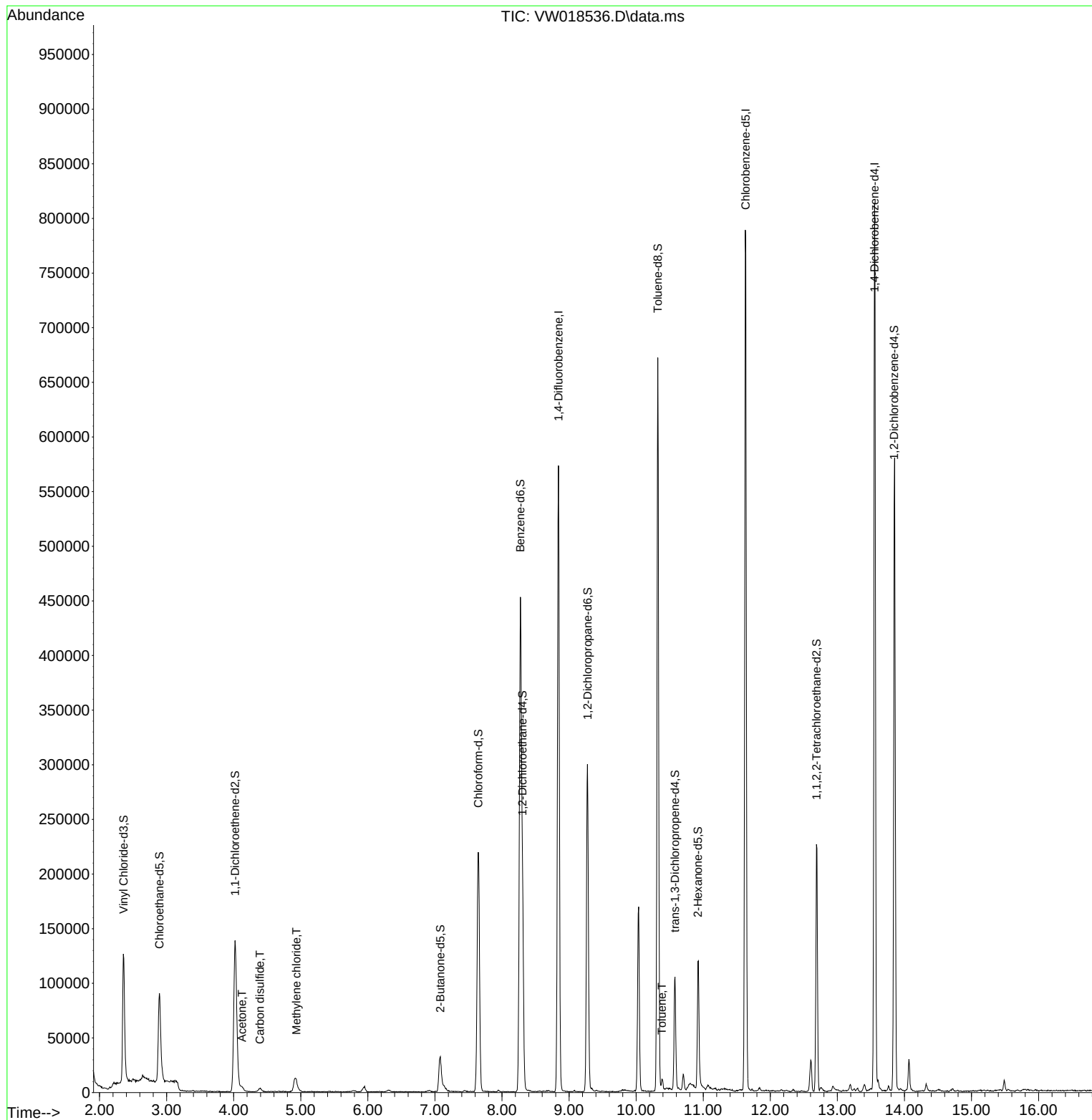
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
Data File : VW018536.D
Acq On : 01 Apr 2021 15:21
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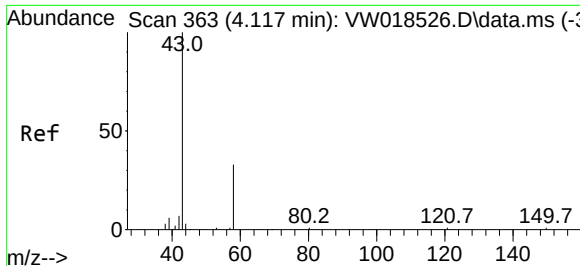
Instrument :
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Quant Time: Apr 02 03:31:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 03:28:33 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.56 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW018536.D

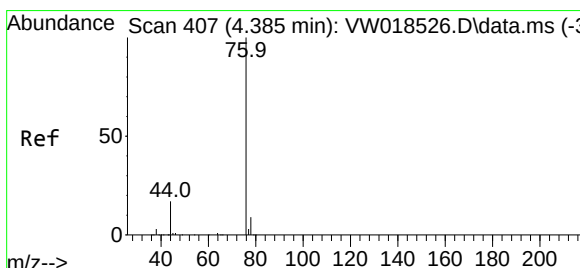
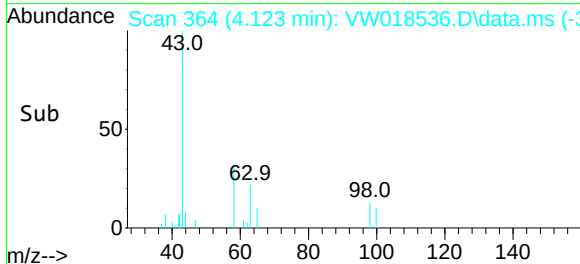
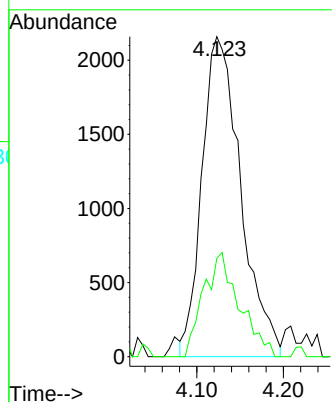
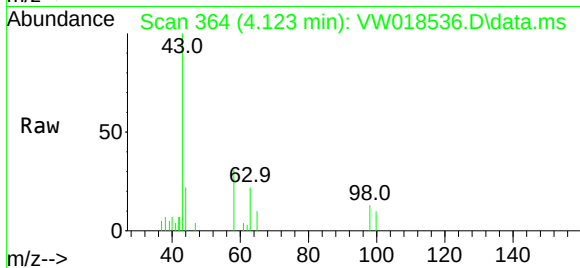
Acq: 01 Apr 2021 15:21

Tgt Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

58 9.2 0.0 62.2



#14

Carbon disulfide

Concen: 0.32 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW018536.D

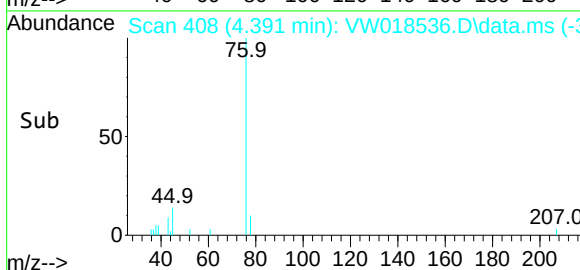
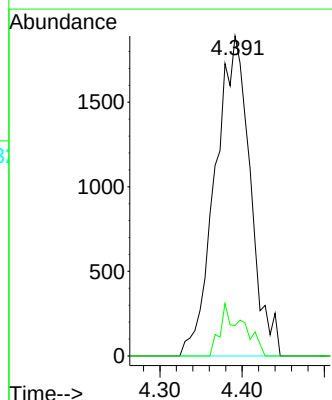
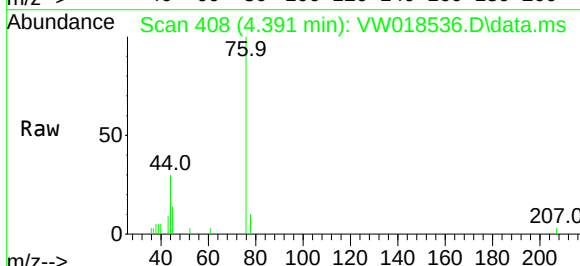
Acq: 01 Apr 2021 15:21

Tgt Ion: 76 Resp: 5608

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Instrument :

MSVOA_W

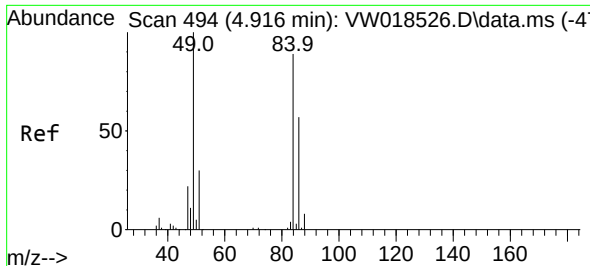
ClientSampled :

BG579

Manual Integrations

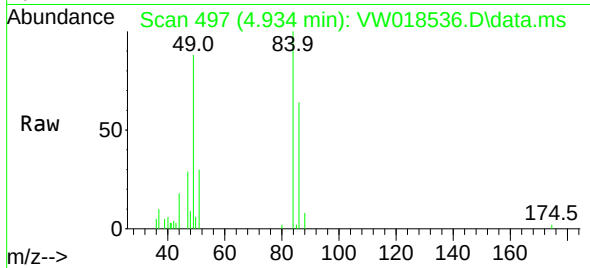
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4/16/2021 3:54:53 PM



#16
Methylene chloride
Concen: 1.55 ug/L m
RT: 4.934 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

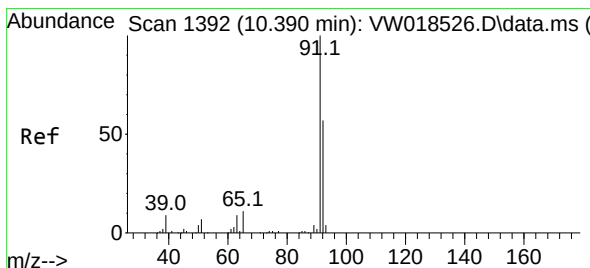
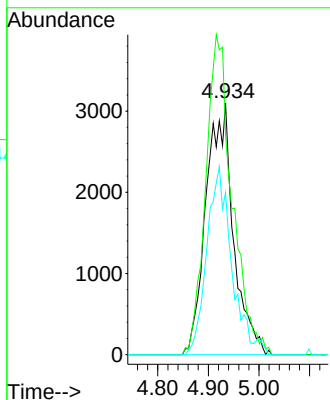
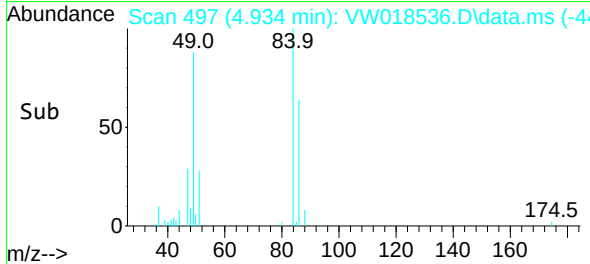
Instrument :
MSVOA_W
ClientSampled :
BG579



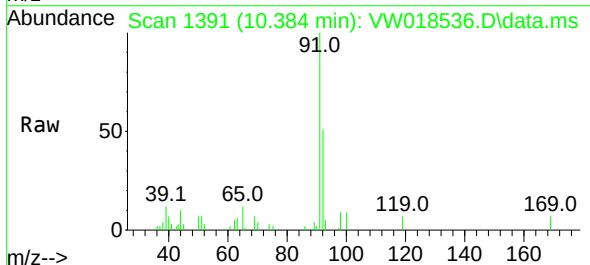
Tgt Ion: 84 Resp: 11656
Ion Ratio Lower Upper
84 100
49 87.5 74.4 138.2
86 64.5 46.1 85.7

Manual Integrations
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#44
Toluene
Concen: 0.25 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21



Tgt Ion: 91 Resp: 6946
Ion Ratio Lower Upper
91 100
92 51.4 42.3 78.5

