

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021529.D
 Acq On : 21 Dec 2021 17:01
 Operator : SY/VA
 Sample : M5121-01
 Misc : 6.56g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL50

Quant Time: Dec 22 01:22:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

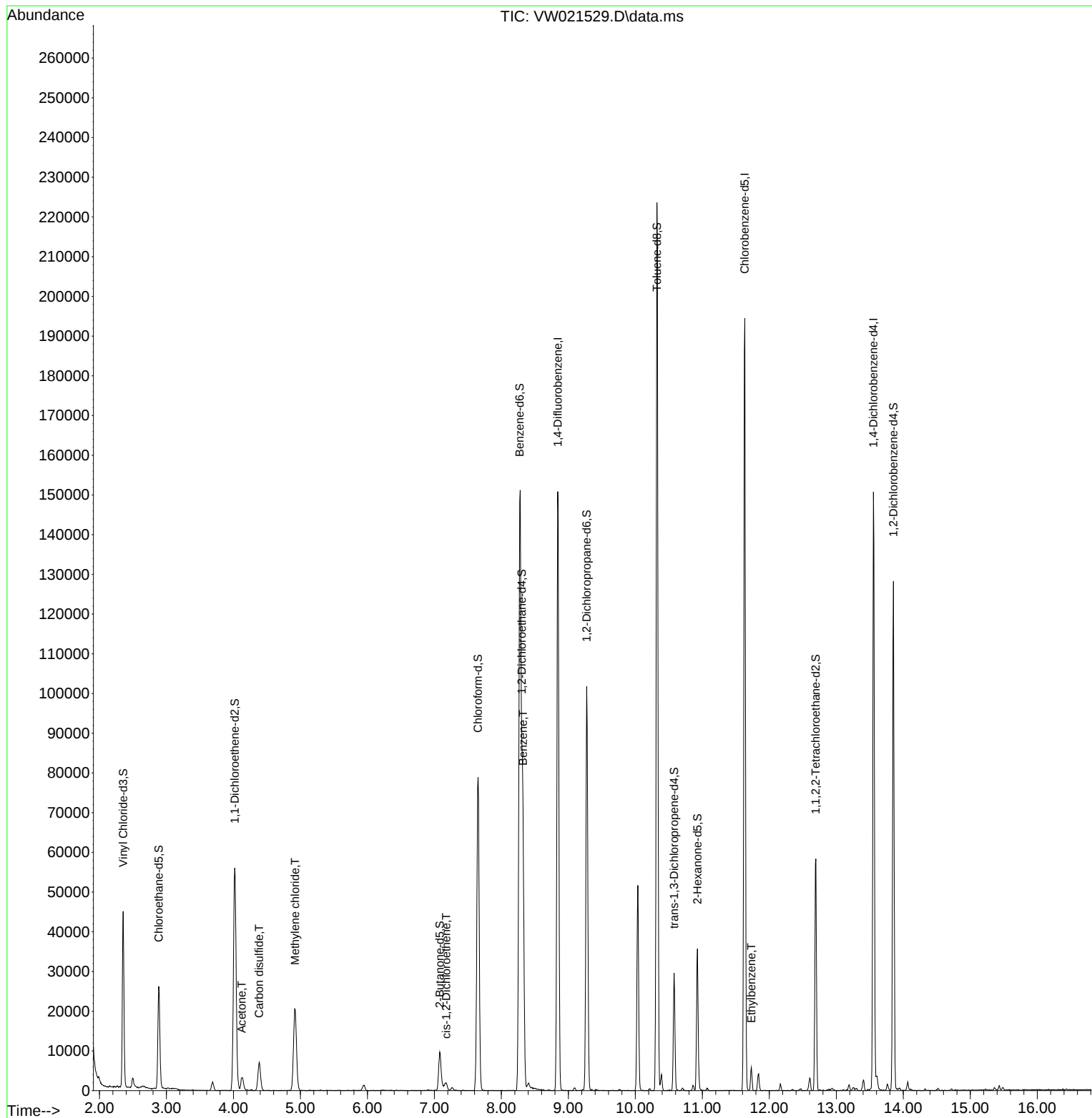
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	126890	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	40546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43286	18.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.885	69	30326	19.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.019	63	53565	17.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.079	46	16128	49.509	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.020%
24) Chloroform-d	7.653	84	80175	22.673	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.305	65	42456	22.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.274	84	155371	25.852	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	9.274	67	42150	26.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.600%
41) Toluene-d8	10.323	98	144196	23.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.579	79	15102	20.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	10.926	63	11667	48.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	26891	19.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	32785	20.864	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	6341	21.713	ug/L	98
14) Carbon disulfide	4.385	76	14709	3.621	ug/L	98
16) Methylene chloride	4.921	84	16195	7.724	ug/L	82
20) cis-1,2-Dichloroethene	7.177	96	1185	0.660	ug/L	# 61
33) Benzene	8.323	78	42010	7.033	ug/L	100
52) Ethylbenzene	11.731	91	4270	0.535	ug/L	99

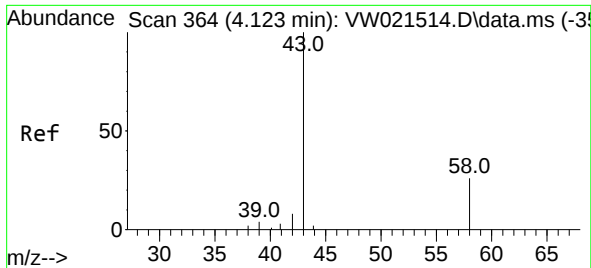
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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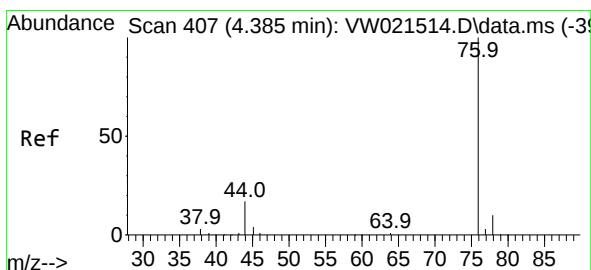
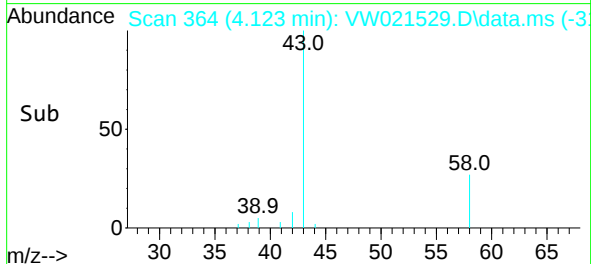
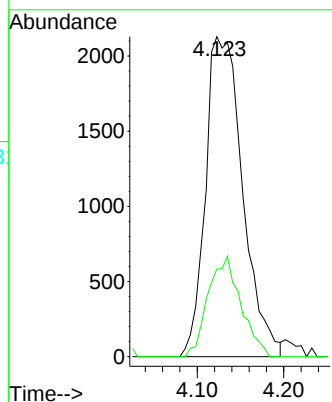
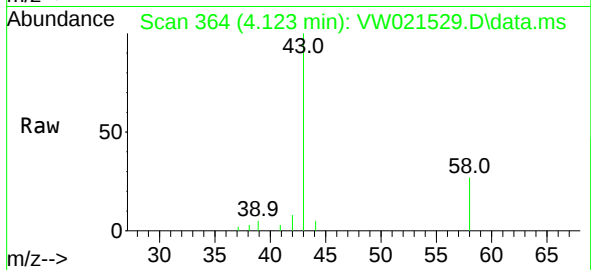




#13
Acetone
Concen: 21.713 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

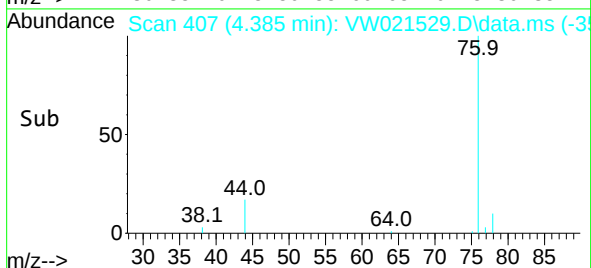
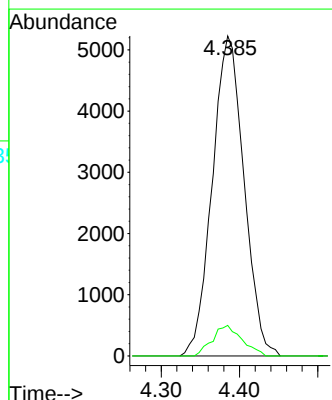
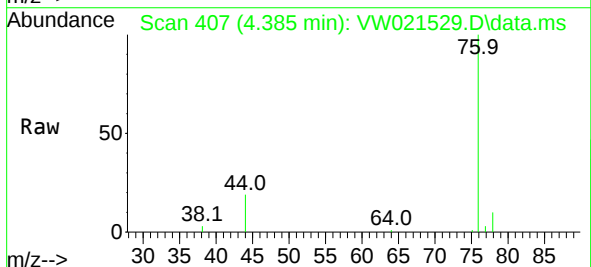
Instrument :
MSVOA_W
ClientSampleId :
BGL50

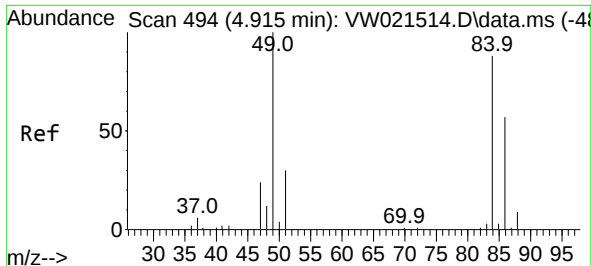
Tgt Ion: 43 Resp: 6341
Ion Ratio Lower Upper
43 100
58 27.6 0.0 52.8



#14
Carbon disulfide
Concen: 3.621 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Tgt Ion: 76 Resp: 14709
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

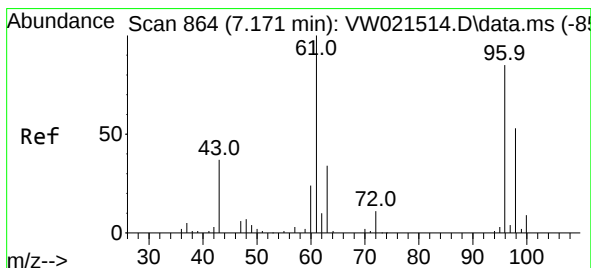
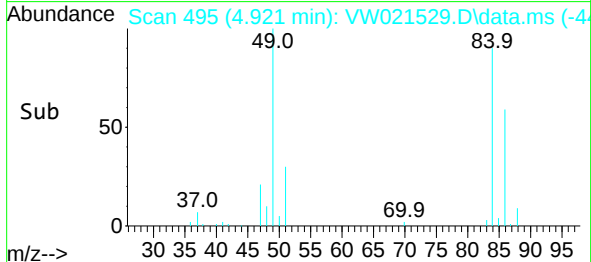
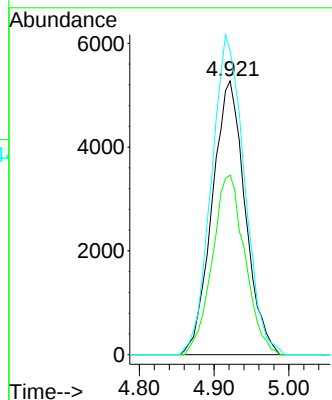
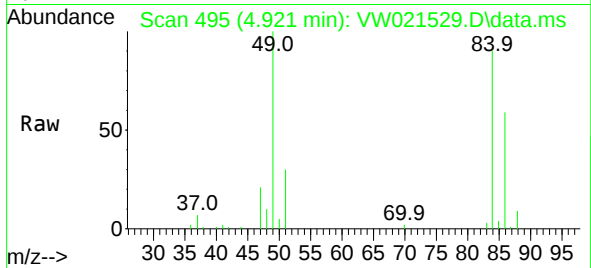




#16
Methylene chloride
Concen: 7.724 ug/L
RT: 4.921 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

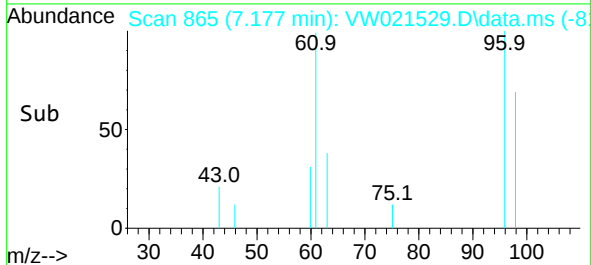
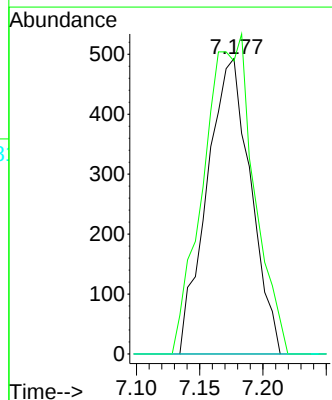
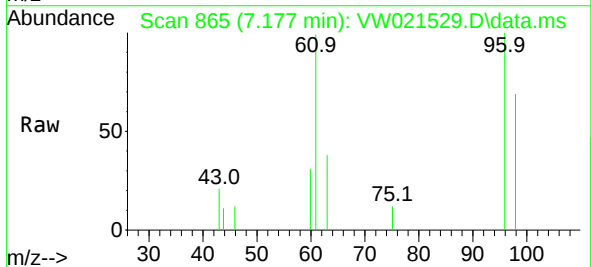
Instrument :
MSVOA_W
ClientSampleId :
BGL50

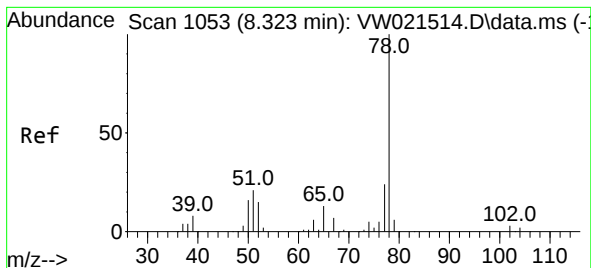
Tgt Ion: 84 Resp: 16195
Ion Ratio Lower Upper
84 100
86 65.6 45.5 84.5
49 111.1 100.5 186.7



#20
cis-1,2-Dichloroethene
Concen: 0.660 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Tgt Ion: 96 Resp: 1185
Ion Ratio Lower Upper
96 100
61 99.2 103.7 192.7#
68 0.0 0.0 0.0





#33

Benzene

Concen: 7.033 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

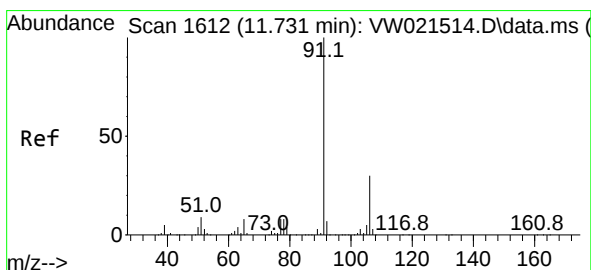
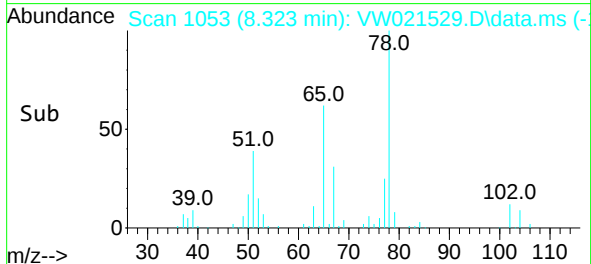
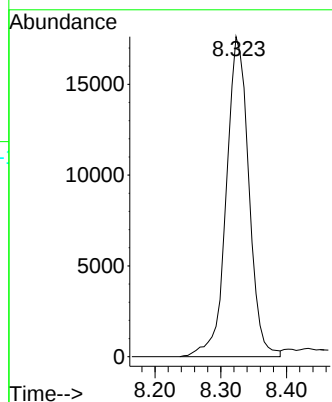
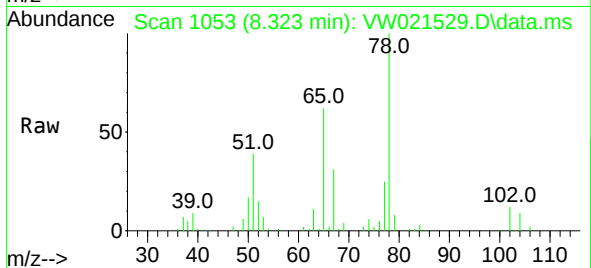
Instrument :

MSVOA_W

ClientSampleId :

BGL50

Tgt Ion: 78 Resp: 42010



#52

Ethylbenzene

Concen: 0.535 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Tgt Ion: 91 Resp: 4270

Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9

