

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021486.D
 Acq On : 18 Dec 2021 19:06
 Operator : SY/VA
 Sample : M5171-07
 Misc : 5.73g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA3

Quant Time: Dec 18 23:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

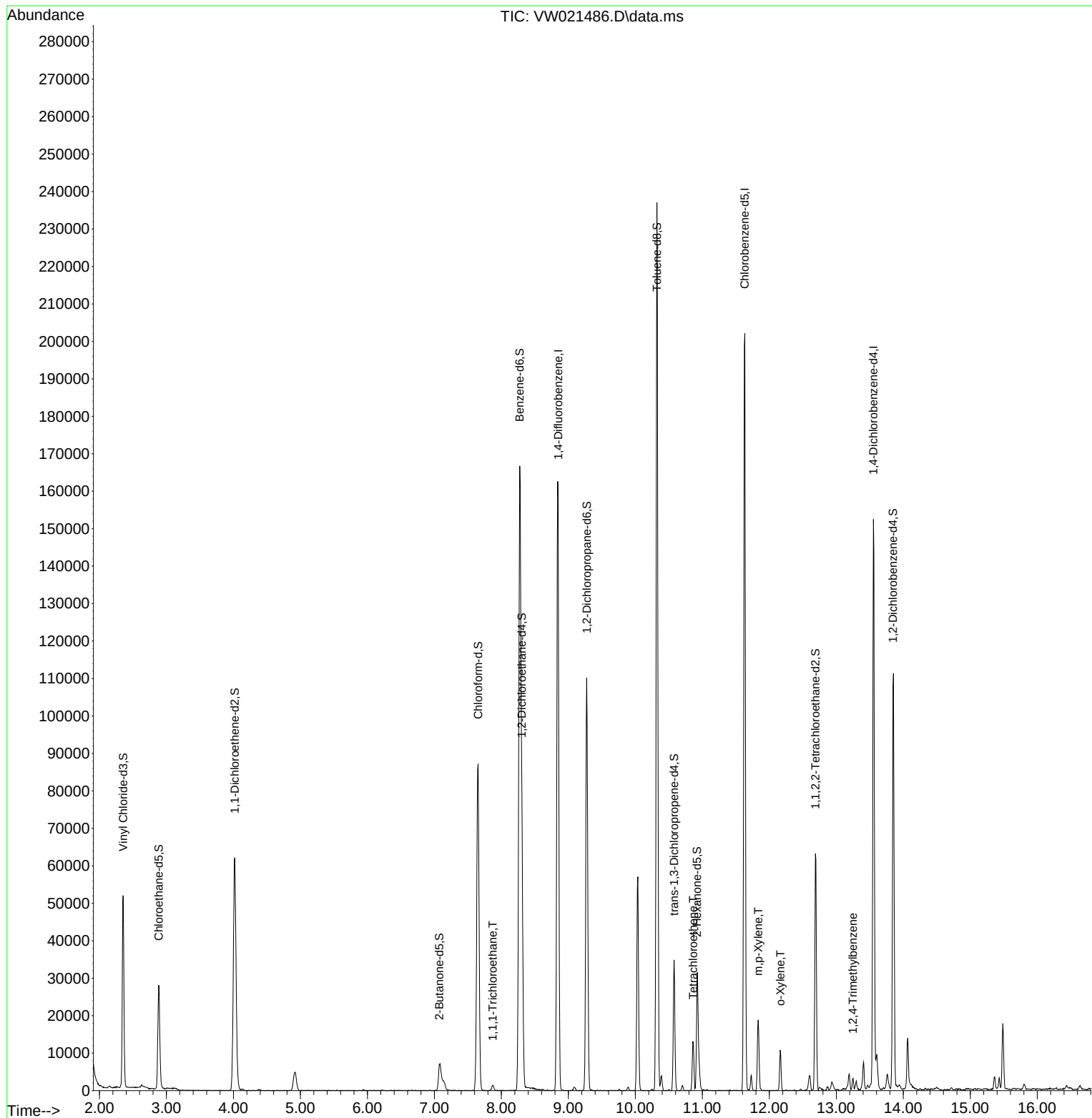
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	144079	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	50385	19.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.885	69	31338	18.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
11) 1,1-Dichloroethene-d2	4.019	63	59122	16.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.600%
21) 2-Butanone-d5	7.074	46	11595	31.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.700%
24) Chloroform-d	7.653	84	87598	21.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	8.305	65	49196	23.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.120%
32) Benzene-d6	8.275	84	169990	26.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.880%
36) 1,2-Dichloropropane-d6	9.274	67	47337	27.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.920%
41) Toluene-d8	10.323	98	153105	23.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.579	79	17853	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.920	63	9623	37.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29441	19.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.520%
66) 1,2-Dichlorobenzene-d4	13.847	152	30177	20.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	7.872	97	1332	0.507	ug/L	93
46) Tetrachloroethene	10.866	164	3042	1.787	ug/L	96
53) m,p-Xylene	11.835	106	5733	1.666	ug/L	99
54) o-Xylene	12.164	106	2885	0.883	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1944	0.444	ug/L	98

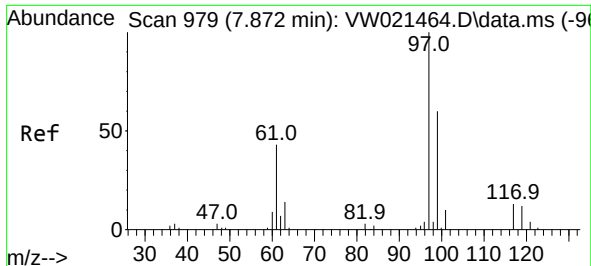
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021486.D
Acq On : 18 Dec 2021 19:06
Operator : SY/VA
Sample : M5171-07
Misc : 5.73g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLA3

Quant Time: Dec 18 23:13:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

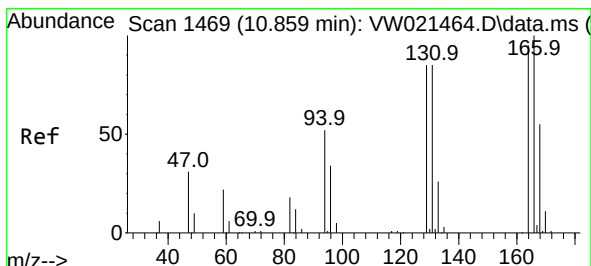
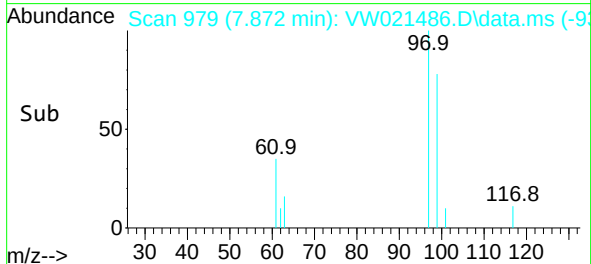
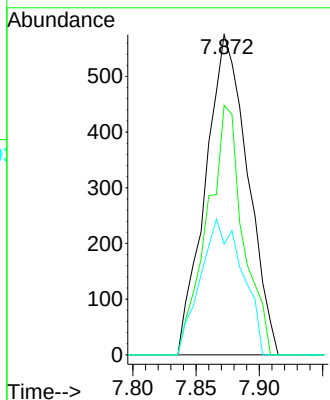
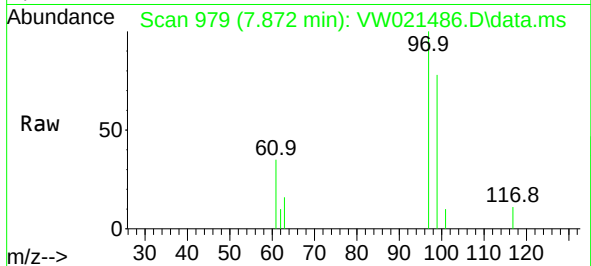




#30
1,1,1-Trichloroethane
Concen: 0.507 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

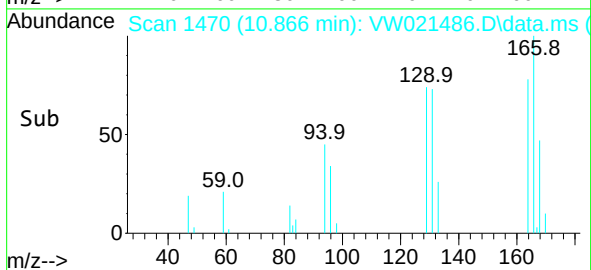
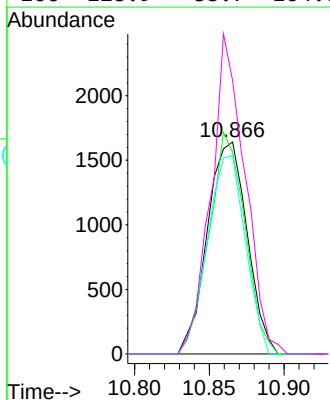
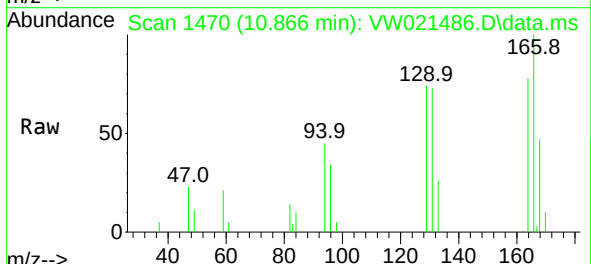
Instrument :
MSVOA_W
ClientSampleId :
BGLA3

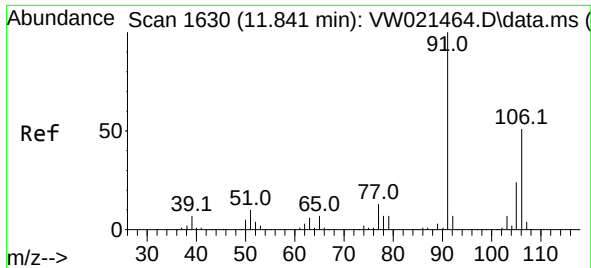
Tgt Ion: 97	Resp:	1332	
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.6	77.4
61	42.2	40.9	61.3



#46
Tetrachloroethene
Concen: 1.787 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt	Ion:164	Resp:	3042
Ion	Ratio	Lower	Upper
164	100		
129	95.1	65.5	121.7
131	93.5	59.7	110.9
166	128.9	88.7	164.7

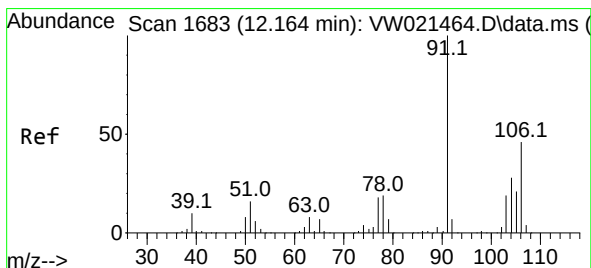
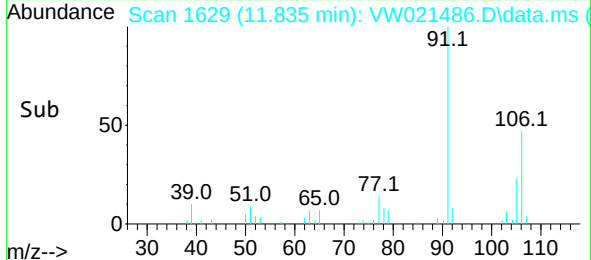
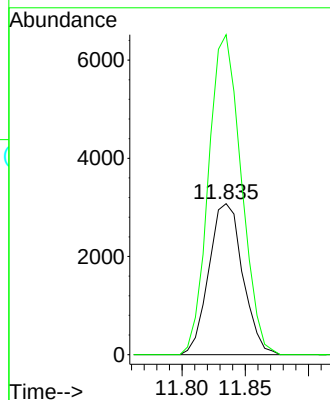
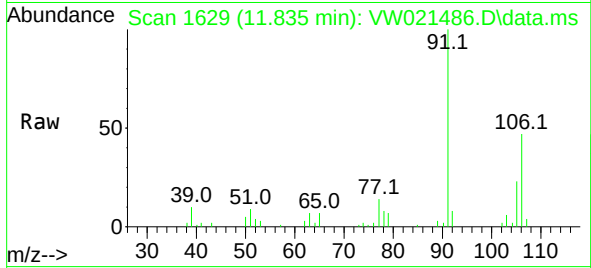




#53
m,p-Xylene
Concen: 1.666 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

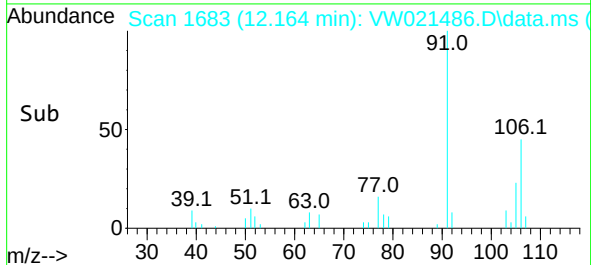
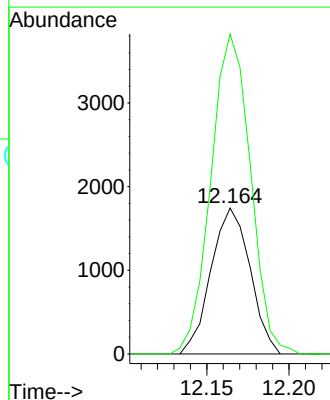
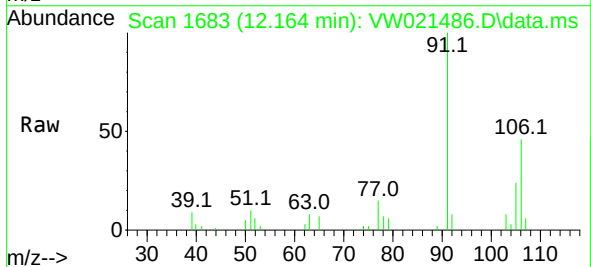
Instrument :
MSVOA_W
ClientSampleId :
BGLA3

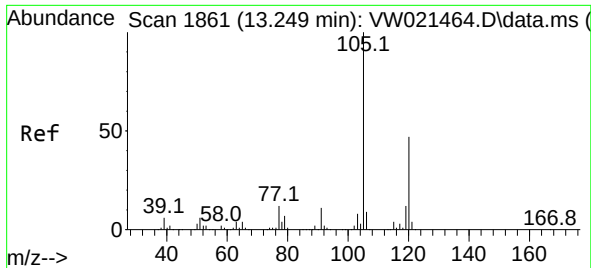
Tgt Ion:106 Resp: 5733
Ion Ratio Lower Upper
106 100
91 212.0 149.9 278.3



#54
o-Xylene
Concen: 0.883 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021486.D
Acq: 18 Dec 2021 19:06

Tgt Ion:106 Resp: 2885
Ion Ratio Lower Upper
106 100
91 219.2 153.6 285.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.444 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021486.D
 Acq: 18 Dec 2021 19:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA3

Tgt Ion:105 Resp: 1944
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.0 52.6

