

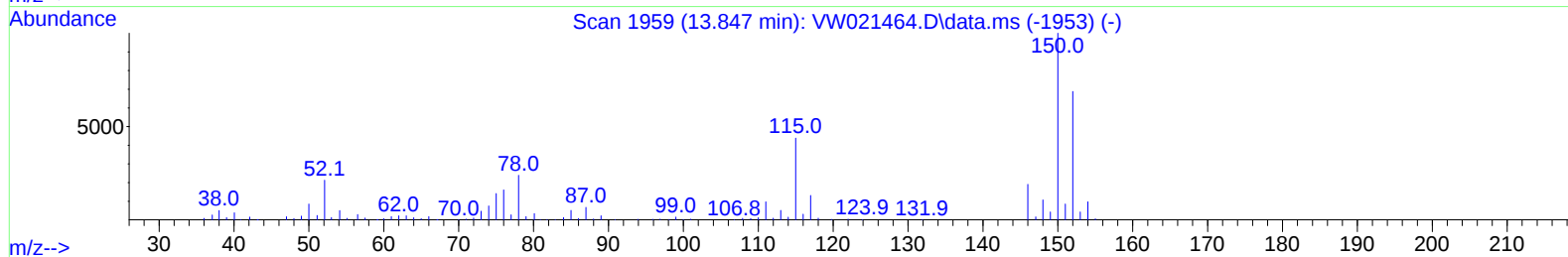
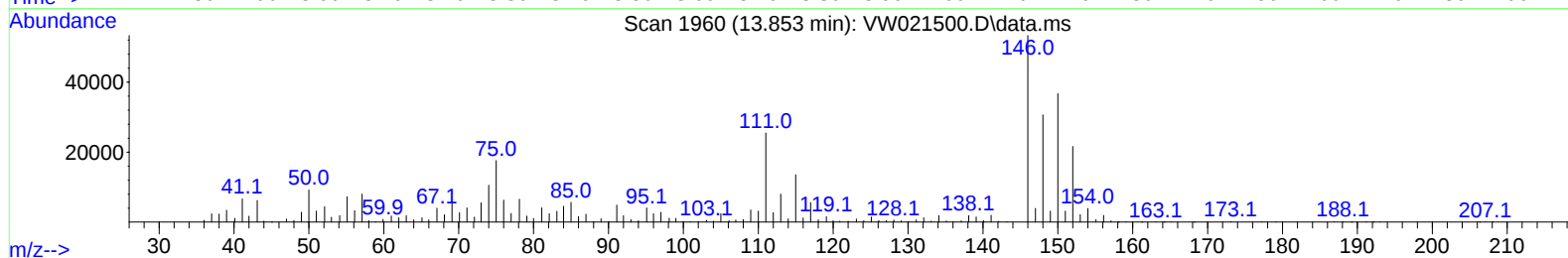
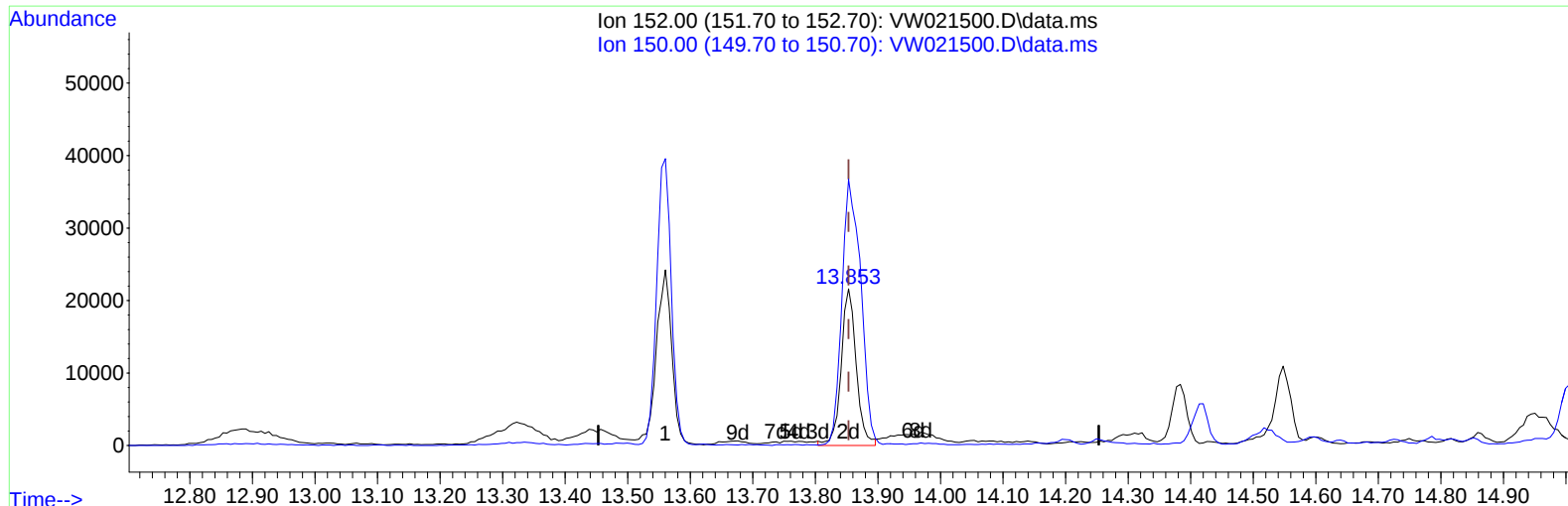
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021500.D
Acq On : 20 Dec 2021 16:00
Operator : SY/VA
Sample : M5171-10
Misc : 6.57g/10.0mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 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



TIC: VW021500.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.853min (0.000) 22.46 ug/L m

response 36153

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	177.38
0.00	0.00	0.00
0.00	0.00	0.00

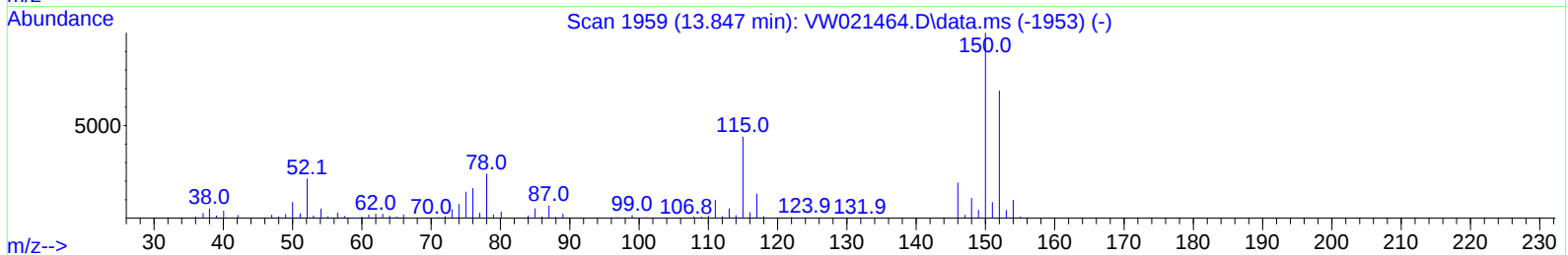
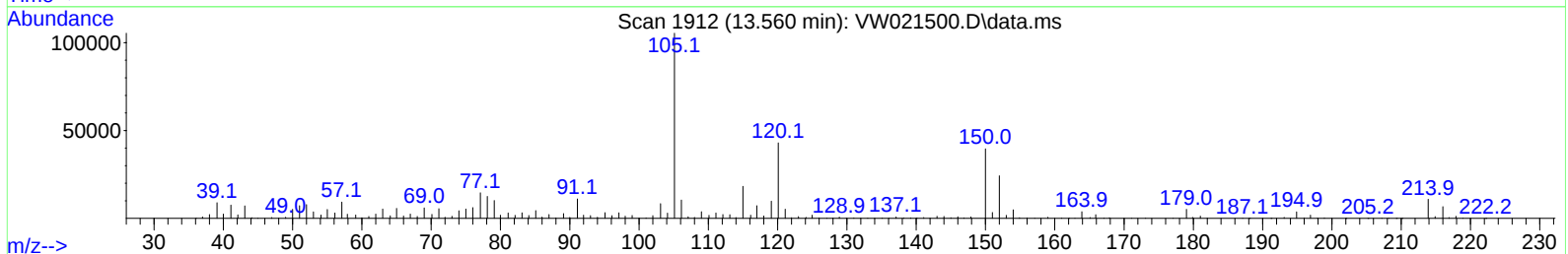
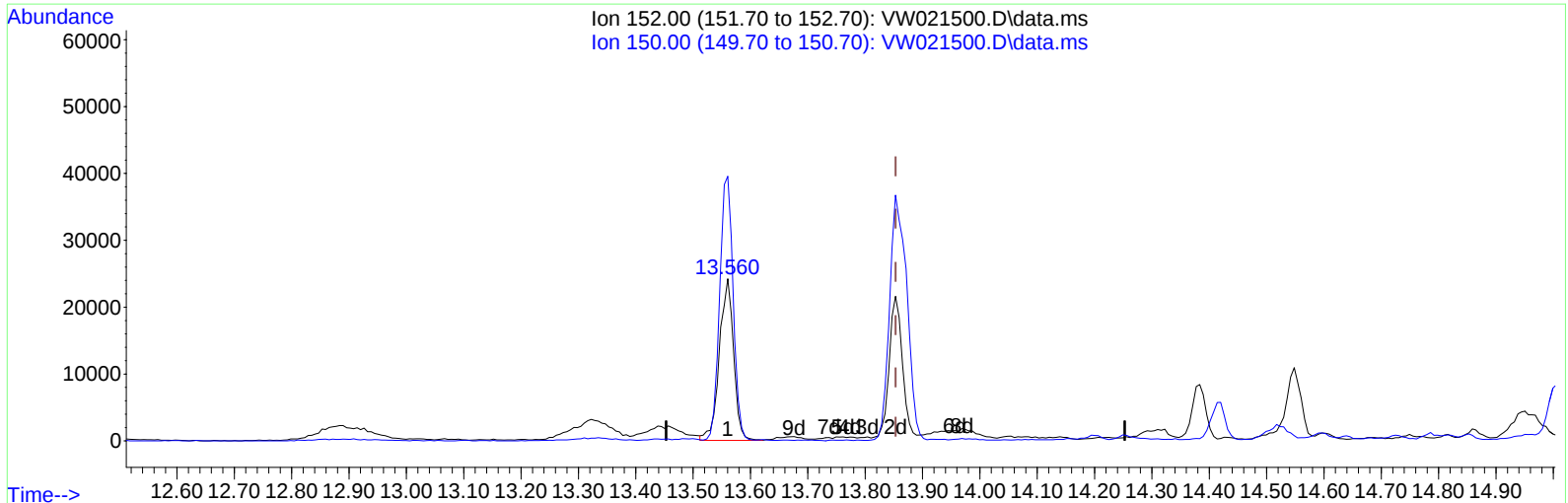
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021500.D
Acq On : 20 Dec 2021 16:00
Operator : SY/VA
Sample : M5171-10
Misc : 6.57g/10.0mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 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



TIC: VW021500.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.560min (-0.293) 25.80 ug/L

response 41525

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	154.43
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021500.D
 Acq On : 20 Dec 2021 16:00
 Operator : SY/VA
 Sample : M5171-10
 Misc : 6.57g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 17:58:42 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

Reviewed By :Semsettin Yesilyurt 12/20/2021
 Supervised By :Amit Patel 12/24/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	152461	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	124725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	41525	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25016	9.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.040%
7) Chloroethane-d5	2.885	69	22530	12.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.080%
11) 1,1-Dichloroethene-d2	4.013	63	41330	11.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.640%#
21) 2-Butanone-d5	7.080	46	29463	75.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.540%#
24) Chloroform-d	7.647	84	136435	32.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.440%
26) 1,2-Dichloroethane-d4	8.305	65	63227	27.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.920%
32) Benzene-d6	8.275	84	197097	28.830	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.320%
36) 1,2-Dichloropropane-d6	9.274	67	63538	34.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.600%#
41) Toluene-d8	10.323	98	172684	24.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.880%
43) trans-1,3-Dichloroprop...	10.579	79	23808	28.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.800%
47) 2-Hexanone-d5	10.921	63	25966	95.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	191.540%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	31244	19.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	36153m	22.465	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.840%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	54343	154.874	ug/L	86
14) Carbon disulfide	4.379	76	11756	2.409	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	39243	18.183	ug/L	69
29) Cyclohexane	7.927	56	38056	15.329	ug/L	# 1
33) Benzene	8.323	78	109380	16.098	ug/L	100
35) Methylcyclohexane	9.335	83	122348	38.887	ug/L	89
42) Toluene	10.390	91	1290472	162.397	ug/L	93
46) Tetrachloroethene	10.866	164	898	0.496	ug/L	94
51) Chlorobenzene	11.658	112	290069	54.523	ug/L	91
52) Ethylbenzene	11.731	91	5820508	640.972	ug/L	96
53) m,p-Xylene	11.841	106	7081615	1933.144	ug/L	76
54) o-Xylene	12.164	106	1611254	463.458	ug/L	86
60) Isopropylbenzene	12.463	105	12555240	2225.147	ug/L	# 90
62) 1,3,5-Trimethylbenzene	12.945	105	4625715	963.406	ug/L	91
63) 1,2,4-Trimethylbenzene	13.255	105	10491384	2215.030	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	262172	111.892	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	12599	7.875	ug/L	# 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021500.D
 Acq On : 20 Dec 2021 16:00
 Operator : SY/VA
 Sample : M5171-10
 Misc : 6.57g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
 Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 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)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021500.D
Acq On : 20 Dec 2021 16:00
Operator : SY/VA
Sample : M5171-10
Misc : 6.57g/10.0mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLA6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 20 17:58:42 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

