

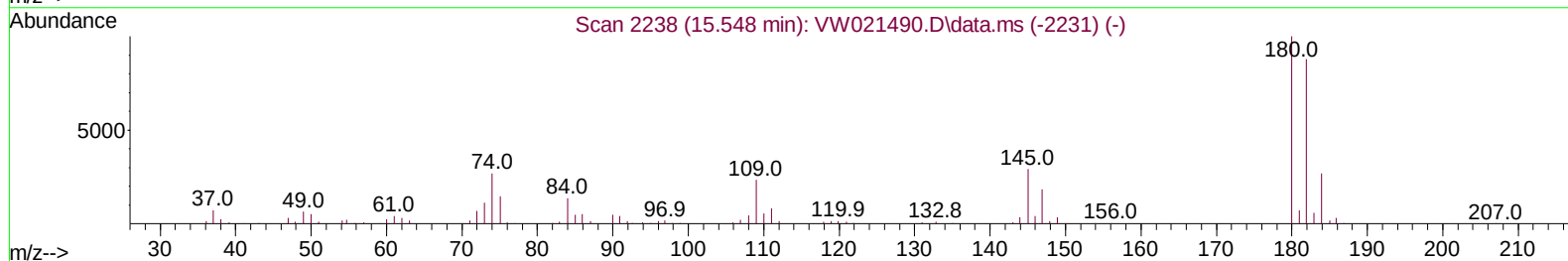
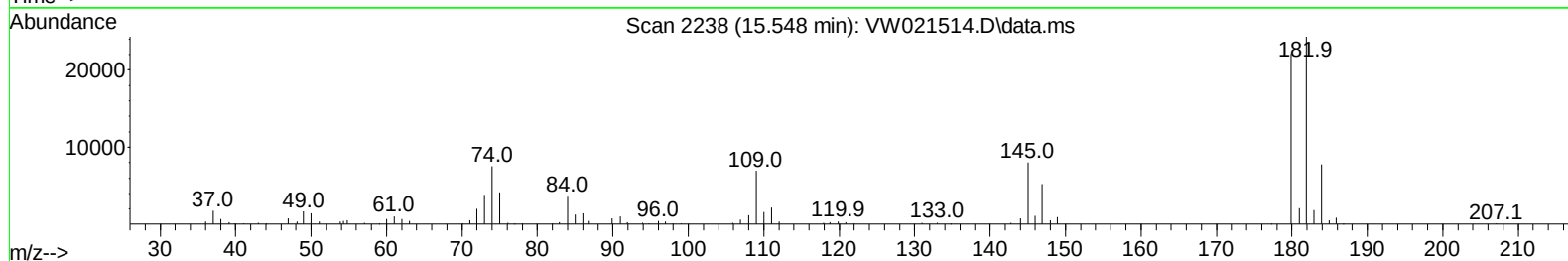
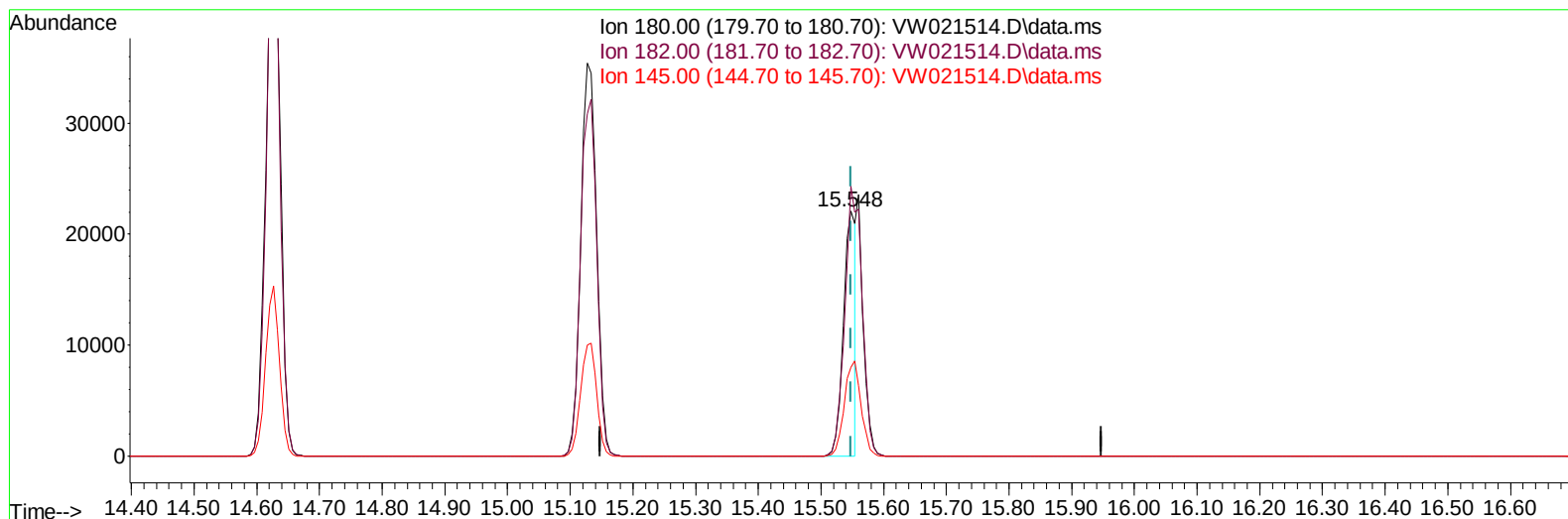
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021514.D
Acq On : 21 Dec 2021 09:08
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Dec 22 00:47:24 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 12/22/2021
Supervised By :Amit Patel 12/24/2021



TIC: VW021514.D\data.ms

(72) 1,2,3-Trichlorobenzene (T)

15.548min (-0.000) 13.33 ug/L

response 29759

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	95.70	156.81#
145.00	34.20	52.99#
0.00	0.00	0.00

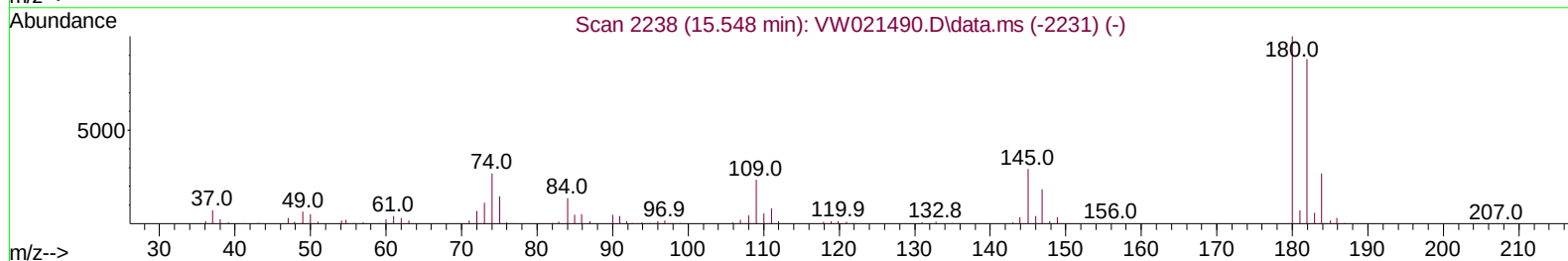
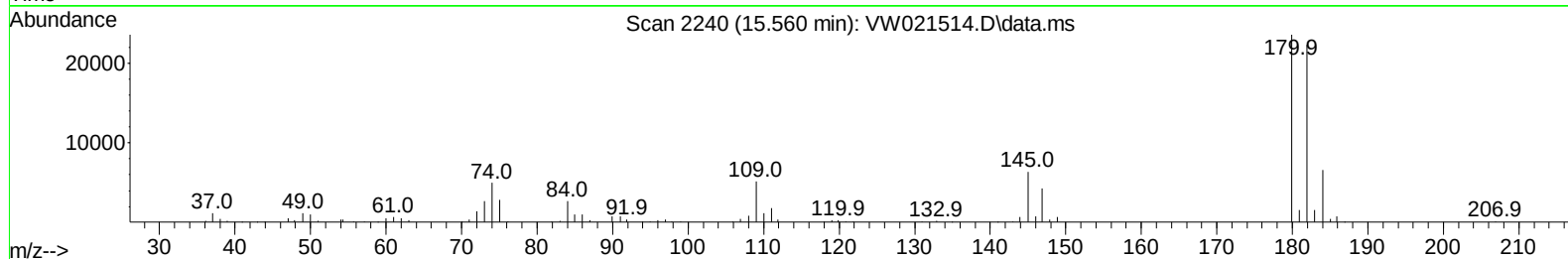
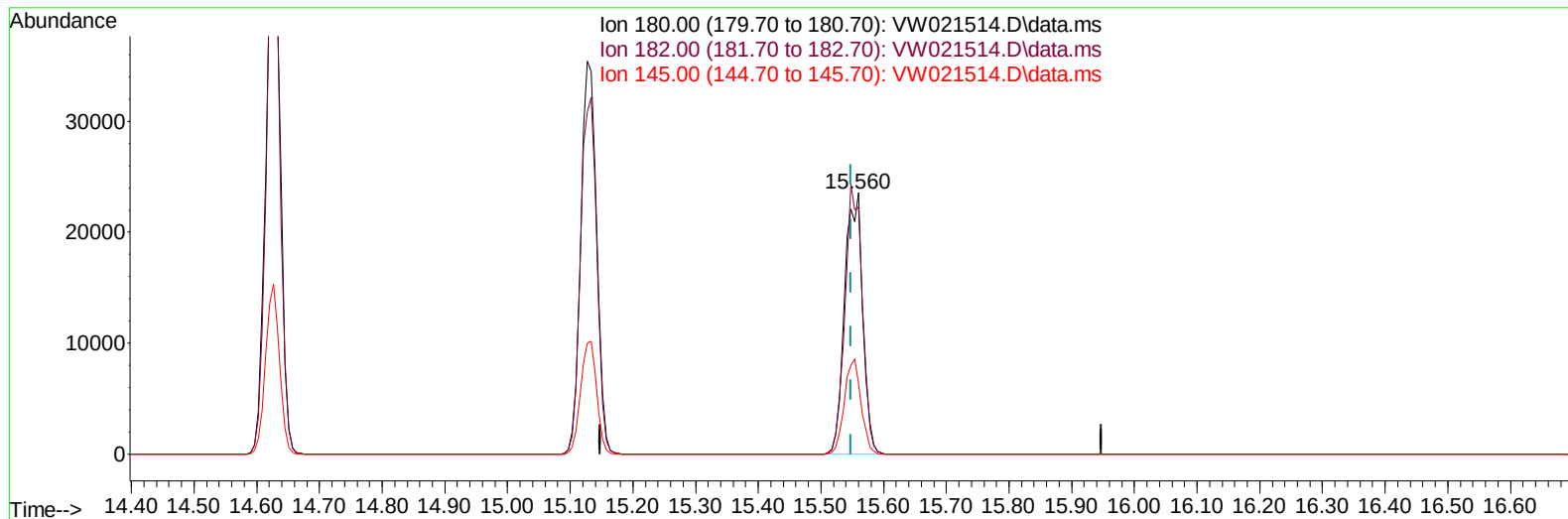
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TIC: VW021514.D\data.ms

(72) 1,2,3-Trichlorobenzene (T)

15.560min (+ 0.012) 21.04 ug/L m

response 46967

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	95.70	99.36
145.00	34.20	33.58
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128579	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	121584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	70090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42322	18.073	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	72.280%	
7) Chloroethane-d5	2.885	69	31222	20.168	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	80.680%	
11) 1,1-Dichloroethene-d2	4.019	63	78176	25.040	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	100.160%	
21) 2-Butanone-d5	7.074	46	16911	51.231	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	102.460%	
24) Chloroform-d	7.653	84	86840	24.235	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	96.960%	
26) 1,2-Dichloroethane-d4	8.305	65	45309	23.772	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	95.080%	
32) Benzene-d6	8.275	84	162320	24.356	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	97.440%	
36) 1,2-Dichloropropane-d6	9.274	67	44962	25.156	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	100.640%	
41) Toluene-d8	10.323	98	163395	23.996	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	10.579	79	19634	23.858	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	95.440%	
47) 2-Hexanone-d5	10.920	63	13686	51.783	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	103.560%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34888	22.707	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	90.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	59894	22.049	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	88.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	8674	17.460	ug/L	94
3) Chloromethane	2.215	50	31624	19.227	ug/L	97
5) Vinyl chloride	2.361	62	51125	19.801	ug/L	98
6) Bromomethane	2.782	94	31575	18.854	ug/L	90
8) Chloroethane	2.922	64	25933	21.801	ug/L	94
9) Trichlorofluoromethane	3.263	101	38158	28.009	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43839	24.691	ug/L	90
12) 1,1-Dichloroethene	4.044	96	38672	24.264	ug/L	84
13) Acetone	4.123	43	15979	53.998	ug/L	97
14) Carbon disulfide	4.385	76	91606	22.257	ug/L	97
15) Methyl Acetate	4.678	43	12717	24.906	ug/L #	89
16) Methylene chloride	4.915	84	40394	19.013	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	40928	23.717	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	61715	25.894	ug/L	94
19) 1,1-Dichloroethane	6.214	63	68873	25.434	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	44556	24.479	ug/L	77
22) 2-Butanone	7.171	43	19803	51.243	ug/L	85
23) Bromochloromethane	7.513	128	21011	24.688	ug/L #	65

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 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Dec 22 00:47:24 2021
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 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	79987	25.445	ug/L	98
27) 1,2-Dichloroethane	8.403	62	49588	24.910	ug/L	98
29) Cyclohexane	7.958	56	61581	25.447	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	72373	26.530	ug/L	95
31) Carbon tetrachloride	8.073	117	67005	26.626	ug/L	99
33) Benzene	8.323	78	160165	24.182	ug/L	100
34) Trichloroethene	9.091	95	46045	24.765	ug/L	88
35) Methylcyclohexane	9.335	83	74433	24.269	ug/L	86
37) 1,2-Dichloropropane	9.372	63	37015	25.055	ug/L #	96
38) Bromodichloromethane	9.646	83	54767	26.962	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61788	26.532	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	40652	50.500	ug/L #	91
42) Toluene	10.390	91	184891	23.868	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	53445	26.201	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	30353	25.102	ug/L	93
46) Tetrachloroethene	10.866	164	42740	24.198	ug/L	96
48) 2-Hexanone	10.969	43	29870	51.168	ug/L #	93
49) Dibromochloromethane	11.128	129	38107	25.563	ug/L	92
50) 1,2-Dibromoethane	11.237	107	30182	25.081	ug/L	97
51) Chlorobenzene	11.658	112	127391	24.564	ug/L	93
52) Ethylbenzene	11.731	91	215093	24.299	ug/L	99
53) m,p-Xylene	11.841	106	85776	24.020	ug/L	89
54) o-Xylene	12.164	106	82816	24.436	ug/L	91
55) Styrene	12.176	104	135098	23.423	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	32671	23.570	ug/L #	94
59) Bromoform	12.353	173	19955	23.928	ug/L	97
60) Isopropylbenzene	12.463	105	234595	24.632	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	23975	23.503	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	189785	23.418	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	189146	23.659	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	101471	22.588	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	107250	24.030	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	93379	23.611	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4581	21.772	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	77723	23.149	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	62484	23.137	ug/L	94
71) Naphthalene	15.365	128	100332	22.868	ug/L	99
72) 1,2,3-Trichlorobenzene	15.560	180	46967m	21.044	ug/L	

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

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 Acq On : 21 Dec 2021 09:08
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 Sample : VSTDC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDC025

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