

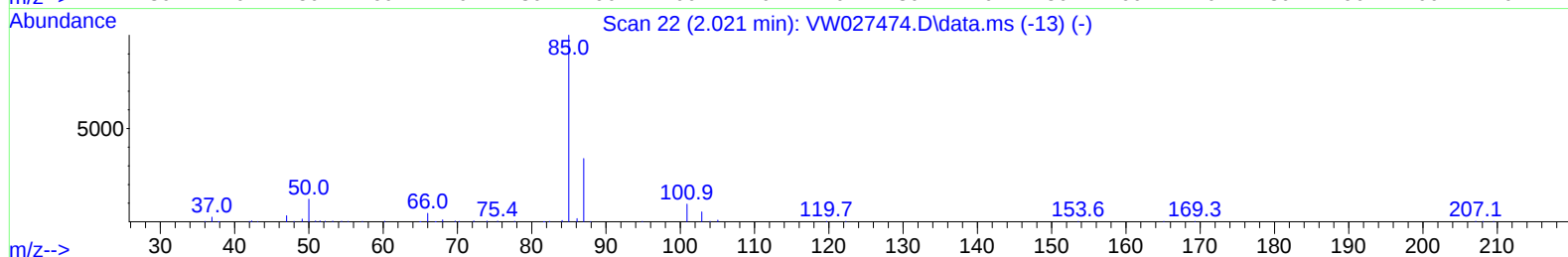
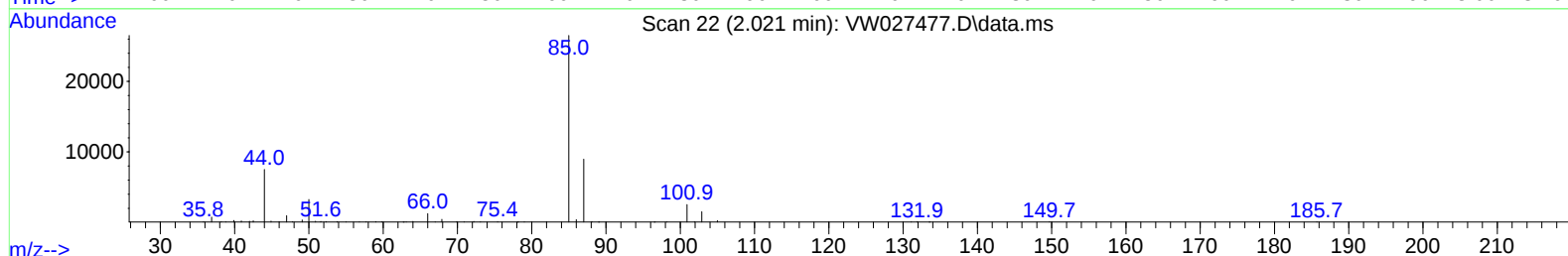
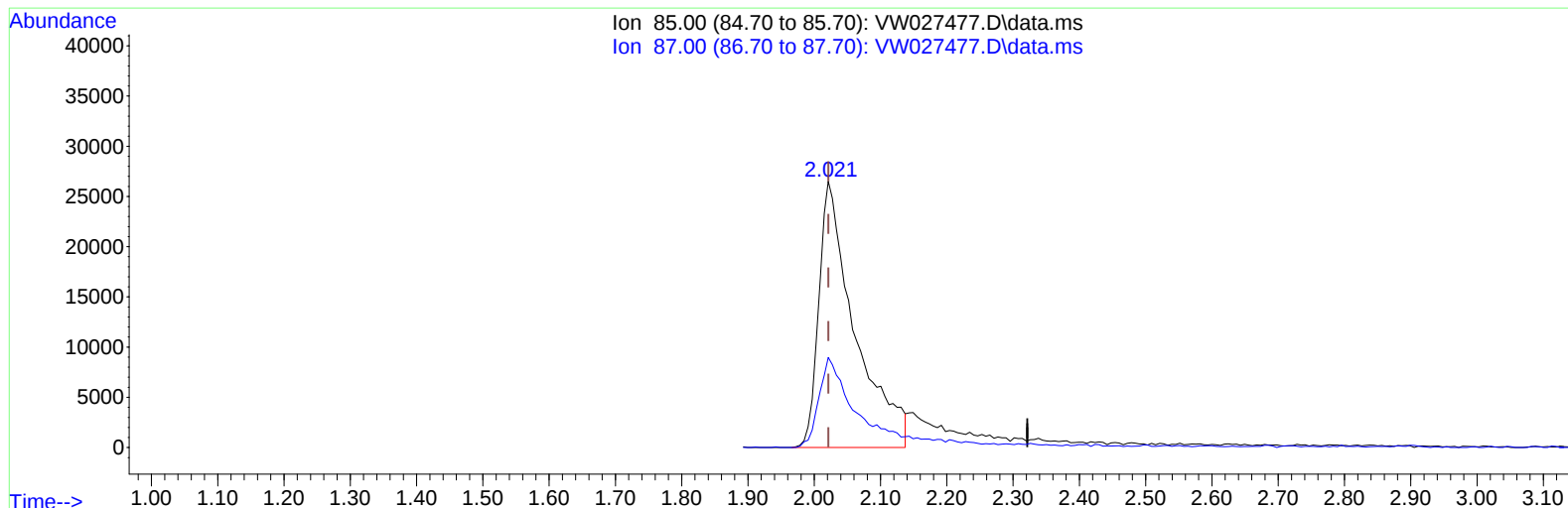
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103023\
Data File : VW027477.D
Acq On : 30 Oct 2023 14:43
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 02:38:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration



TIC: VW027477.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (-0.000) 22.20 ug/L

response 99620

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	22.90	28.71#
0.00	0.00	0.00
0.00	0.00	0.00

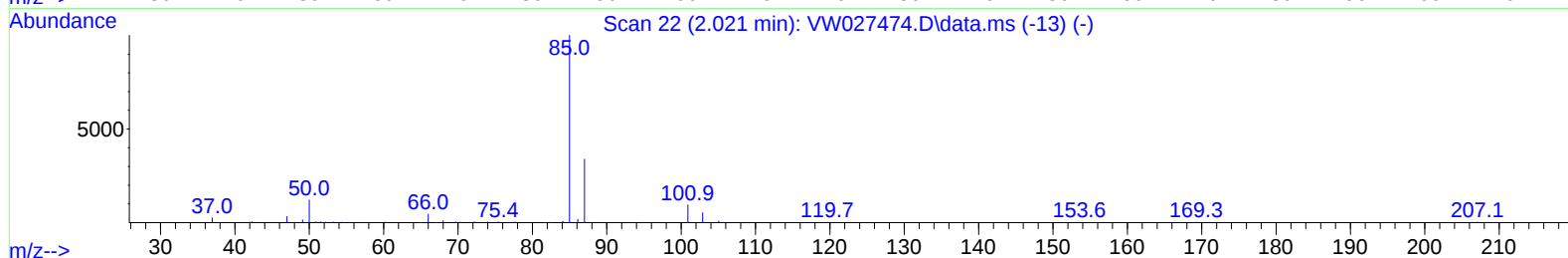
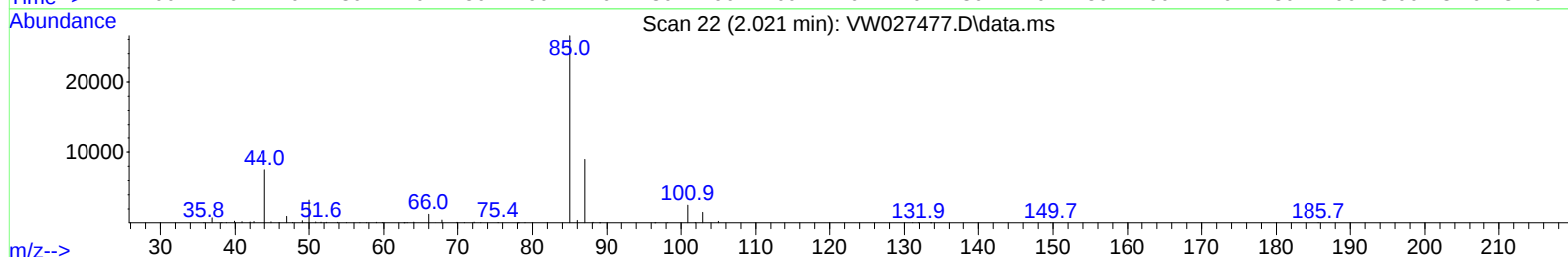
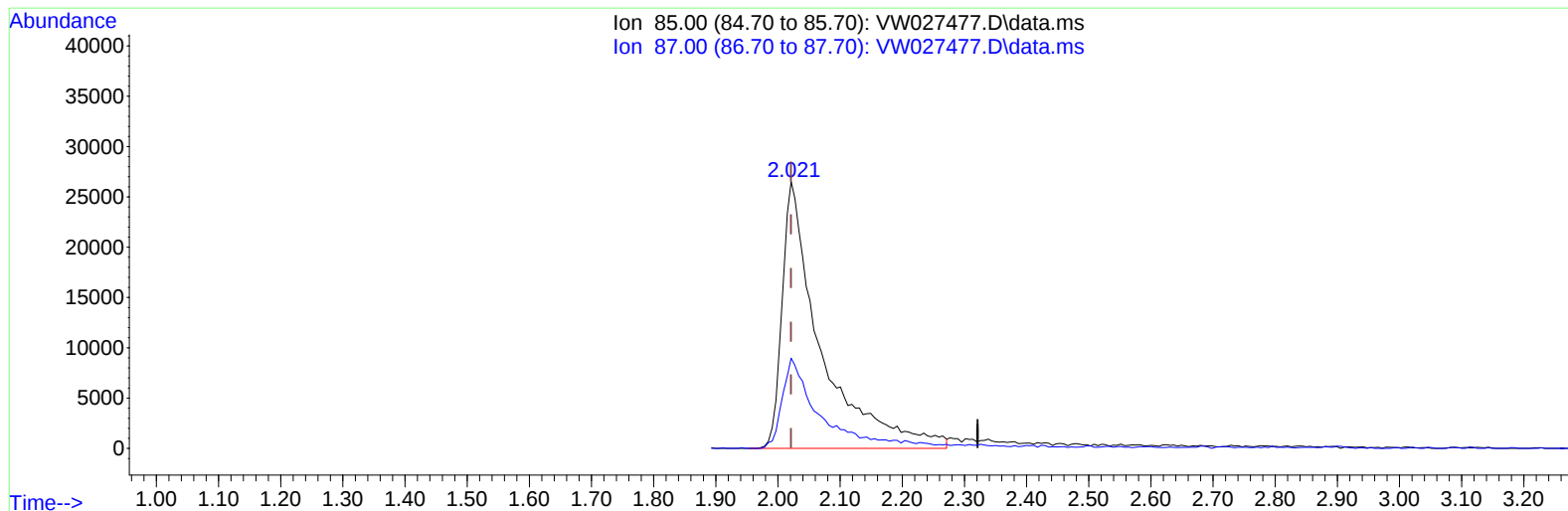
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(2) Dichlorodifluoromethane (T)

2.021min (-0.000) 25.59 ug/L m

response 114833

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	22.90	24.90
0.00	0.00	0.00
0.00	0.00	0.00

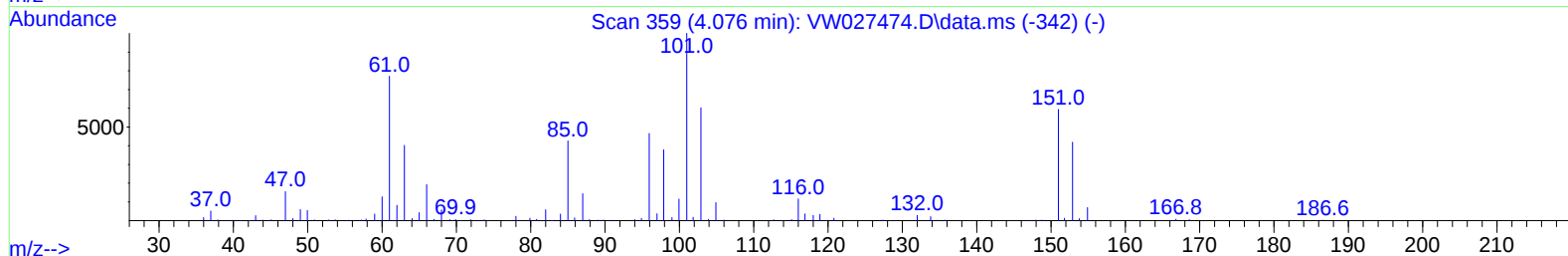
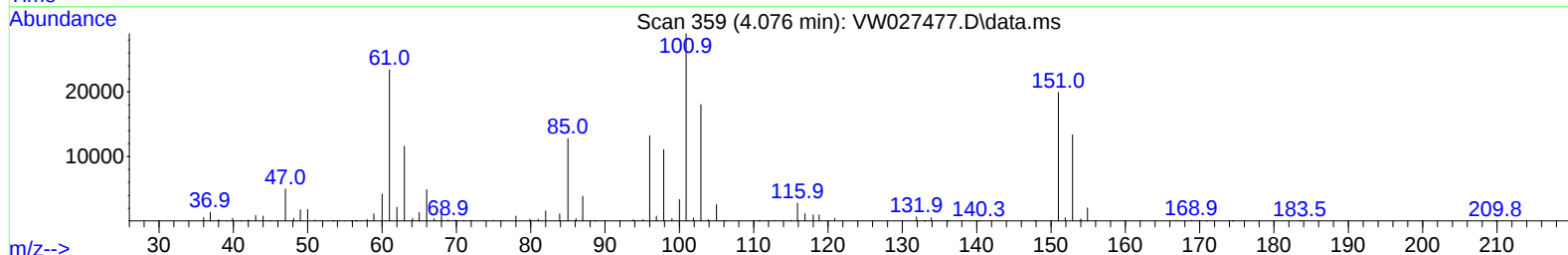
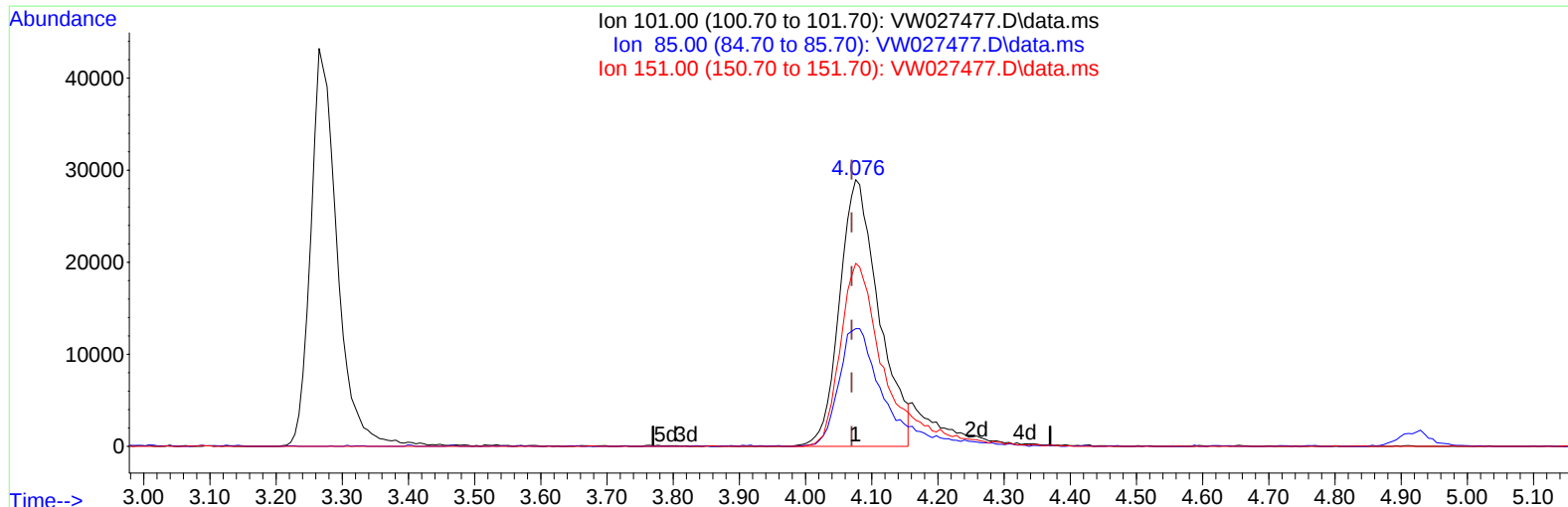
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LabSampleId :
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TIC: VW027477.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.076min (+ 0.006) 23.47 ug/L

response 119459

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	42.60	48.28
151.00	61.90	73.29
0.00	0.00	0.00

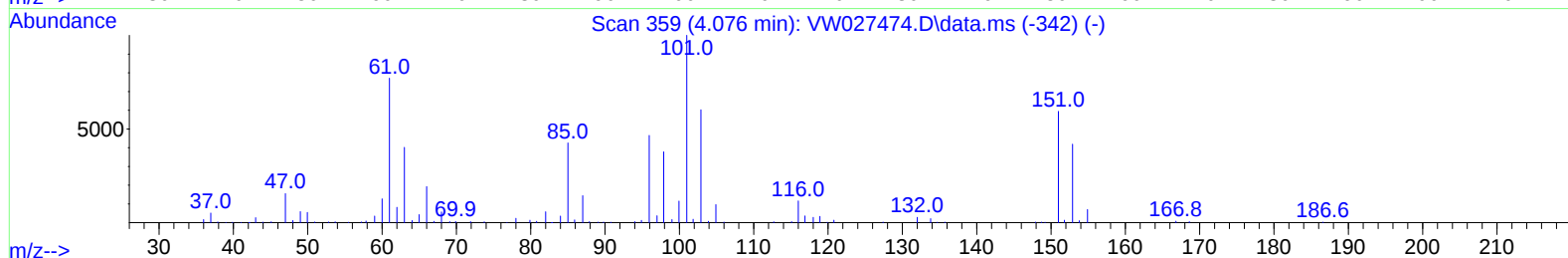
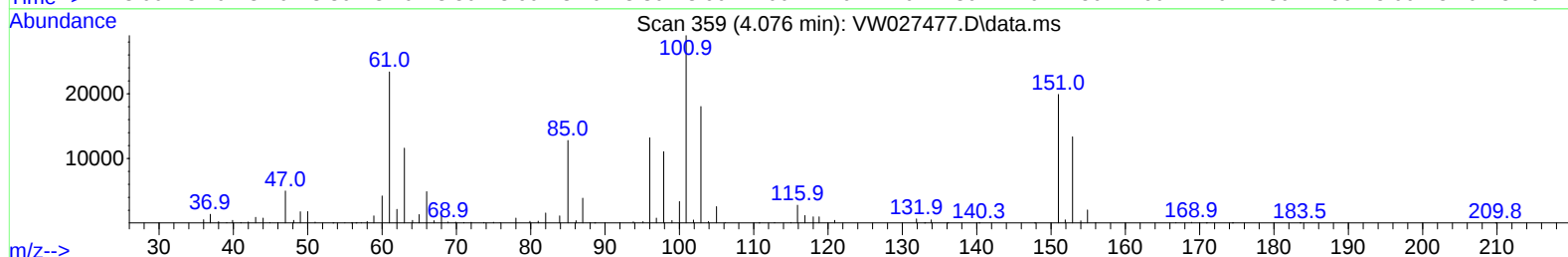
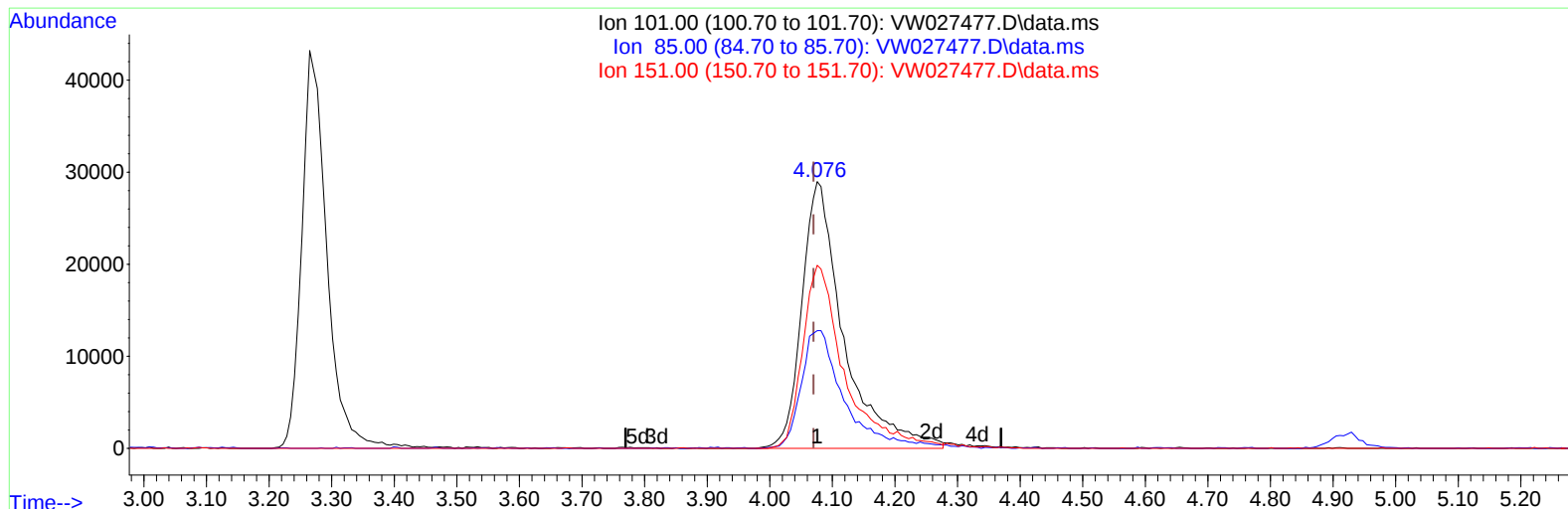
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Supervised By :Mahesh Dadoda 10/31/2023



TIC: VW027477.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.076min (+ 0.006) 26.42 ug/L m

response 134463

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	42.60	42.90
151.00	61.90	65.11
0.00	0.00	0.00

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Reviewed By :Semsettin Yesilyurt 10/31/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	377173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	349525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114347	19.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	2.899	69	97754	23.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	4.021	65	56993	19.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	7.075	46	99556	52.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.080%
24) Chloroform-d	7.648	84	281134	25.008	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	8.301	65	144214	23.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	534180	22.589	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.270	67	177635	24.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.318	98	455199	21.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.575	79	65212	19.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.200%
47) 2-Hexanone-d5	10.922	63	71615	47.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145475	26.995	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	157187	23.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	114833m	25.588	ug/L	
3) Chloromethane	2.228	50	130898	25.381	ug/L	97
5) Vinyl chloride	2.381	62	146029	25.348	ug/L	97
6) Bromomethane	2.789	94	79770	24.311	ug/L	99
8) Chloroethane	2.936	64	87694	26.445	ug/L	96
9) Trichlorofluoromethane	3.265	101	119084	29.300	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	134463m	26.421	ug/L	
12) 1,1-Dichloroethene	4.045	96	118477	23.955	ug/L	86
13) Acetone	4.124	43	83346	50.437	ug/L	98
14) Carbon disulfide	4.393	76	310411	20.245	ug/L	100
15) Methyl Acetate	4.673	43	65567	23.231	ug/L	98
16) Methylene chloride	4.917	84	157305	22.784	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	127521	23.991	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	209107	22.802	ug/L	99
19) 1,1-Dichloroethane	6.216	63	284761	26.258	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	149830	24.960	ug/L	95
22) 2-Butanone	7.167	43	101414	41.001	ug/L	100
23) Bromochloromethane	7.514	128	58937	23.782	ug/L	82
25) Chloroform	7.679	83	268015	26.406	ug/L	98

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Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
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Reviewed By :Semsettin Yesilyurt 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171867	24.927	ug/L	100
29) Cyclohexane	7.959	56	242196	22.822	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	214928	25.208	ug/L	97
31) Carbon tetrachloride	8.069	117	184566	24.007	ug/L	100
33) Benzene	8.325	78	575989	25.215	ug/L	100
34) Trichloroethene	9.093	95	148363	24.588	ug/L	97
35) Methylcyclohexane	9.337	83	251184	23.279	ug/L	99
37) 1,2-Dichloropropane	9.367	63	162557	26.319	ug/L	99
38) Bromodichloromethane	9.642	83	189387	24.937	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	241192	23.640	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	197526	46.503	ug/L	98
42) Toluene	10.386	91	609821	25.449	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	196950	22.878	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	107118	25.203	ug/L	97
46) Tetrachloroethene	10.861	164	102862	24.689	ug/L	92
48) 2-Hexanone	10.965	43	145027	46.131	ug/L	97
49) Dibromochloromethane	11.129	129	110090	23.324	ug/L	89
50) 1,2-Dibromoethane	11.233	107	95108	23.080	ug/L	99
51) Chlorobenzene	11.654	112	378729	25.239	ug/L	97
52) Ethylbenzene	11.727	91	706040	25.355	ug/L	97
53) m,p-Xylene	11.836	106	256199	24.257	ug/L	87
54) o-Xylene	12.160	106	250503	24.768	ug/L	98
55) Styrene	12.178	104	436332	25.261	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	129950	25.046	ug/L	98
59) Bromoform	12.349	173	55940	20.070	ug/L	98
60) Isopropylbenzene	12.458	105	711758	24.189	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	93333	22.820	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	588033	23.957	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	577893	24.063	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	290949	24.383	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	286846	24.071	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	262028	24.747	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	19798	19.369	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	198608	25.640	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	163288	24.767	ug/L	97
71) Naphthalene	15.360	128	296623	21.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	133764	24.673	ug/L	94

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

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