

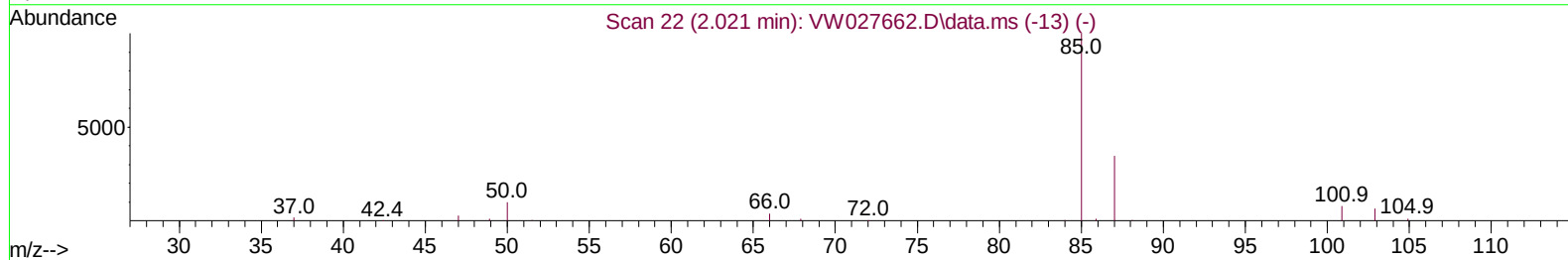
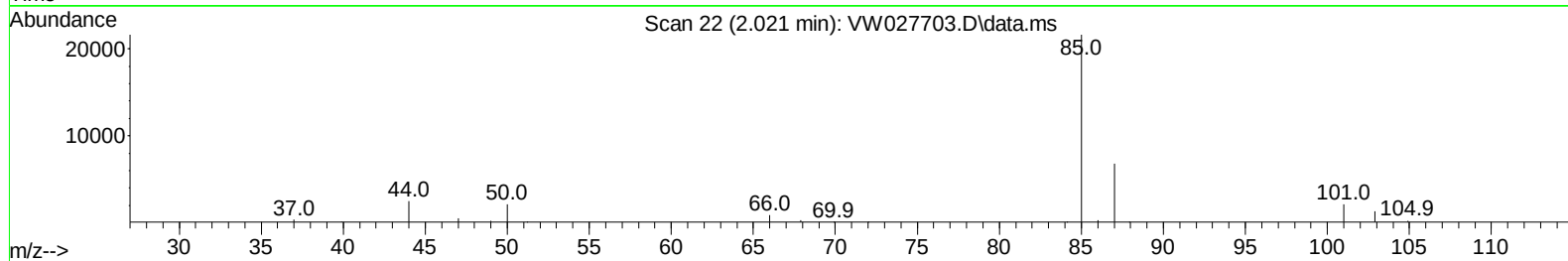
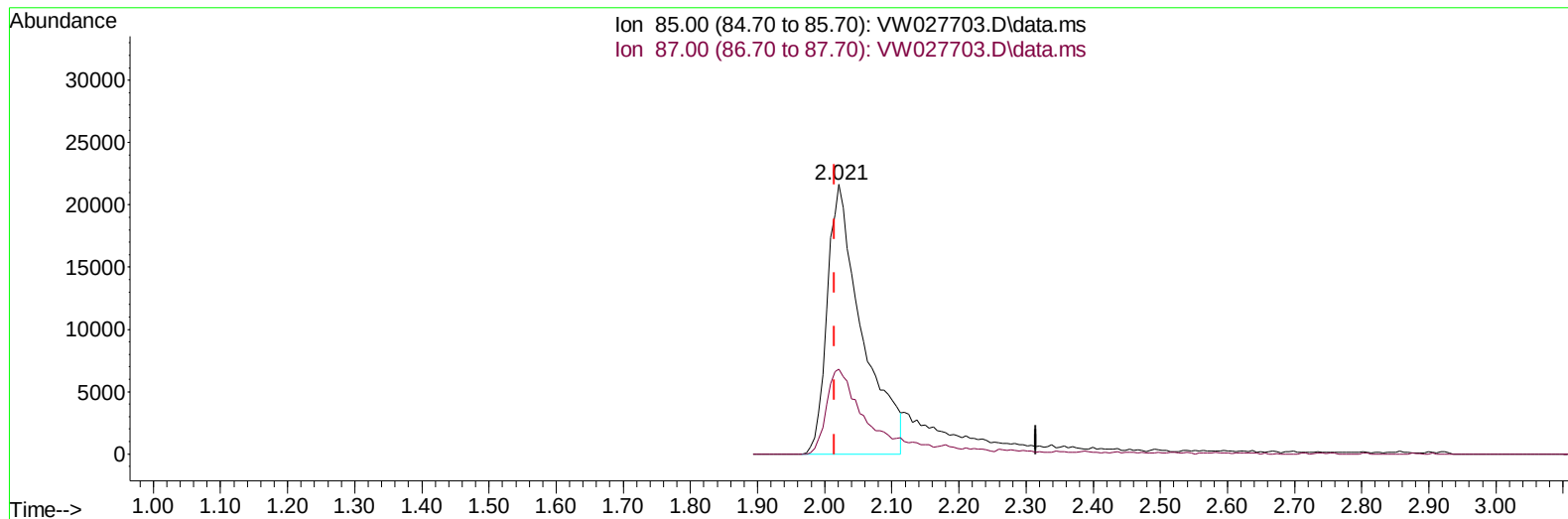
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027703.D
Acq On : 16 Dec 2023 19:45
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Dec 17 00:22:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 00:15:03 2023
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 12/17/2023
Supervised By :Mahesh Dadoda 12/18/2023



TIC: VW027703.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 17.52 ug/L

response 77237

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.00	29.54
0.00	0.00	0.00
0.00	0.00	0.00

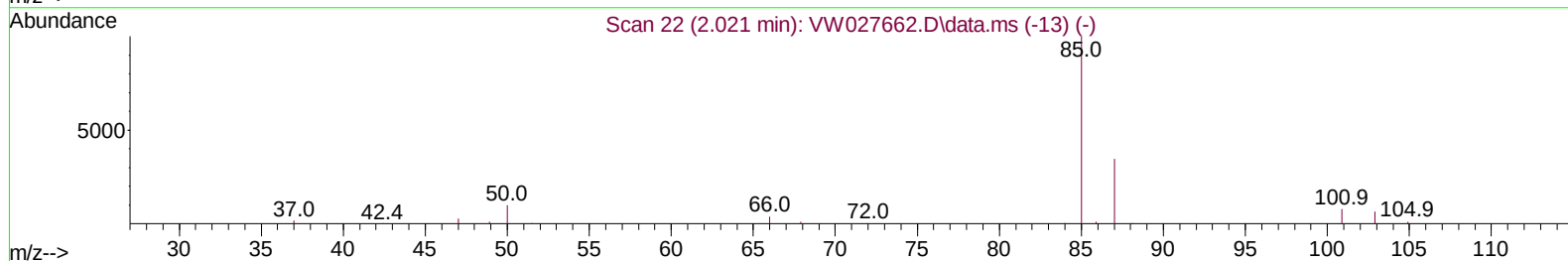
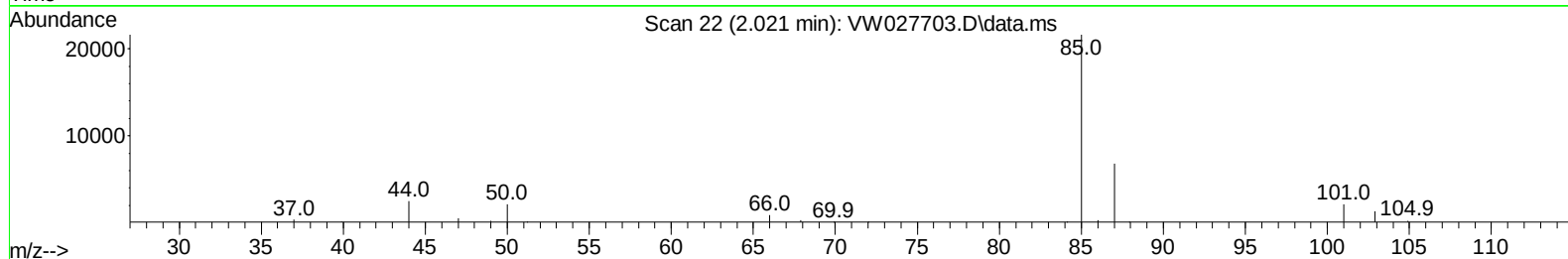
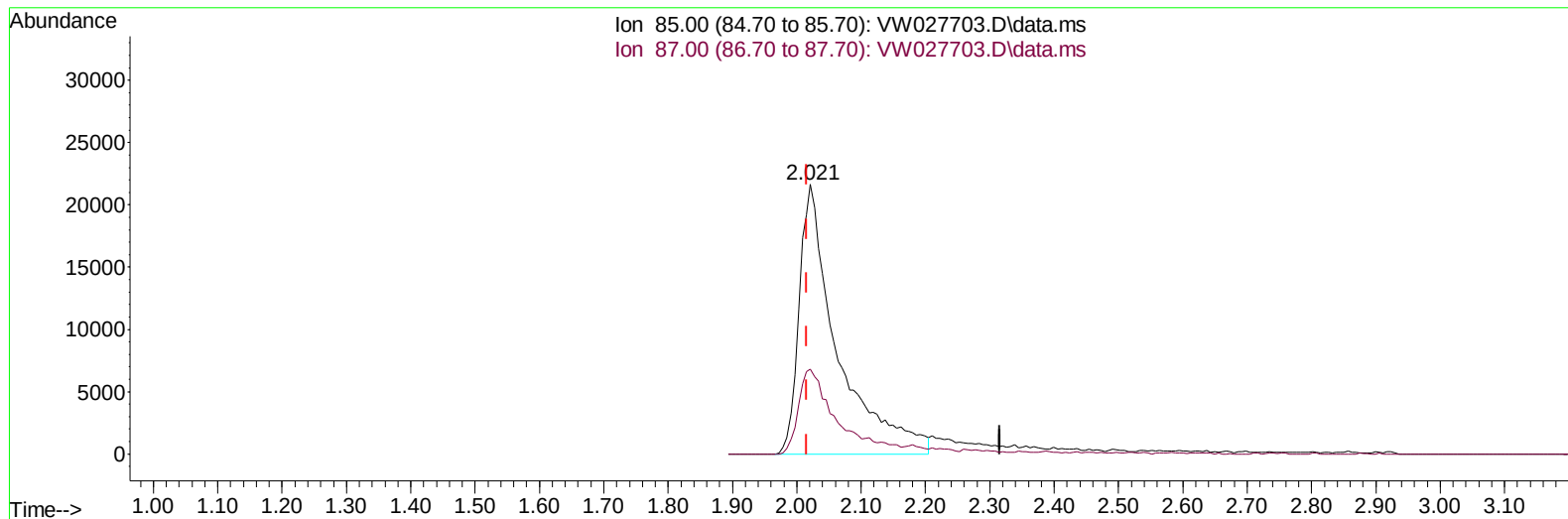
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 12/18/2023



TIC: VW027703.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 20.17 ug/L m

response 88925

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.00	25.66
0.00	0.00	0.00
0.00	0.00	0.00

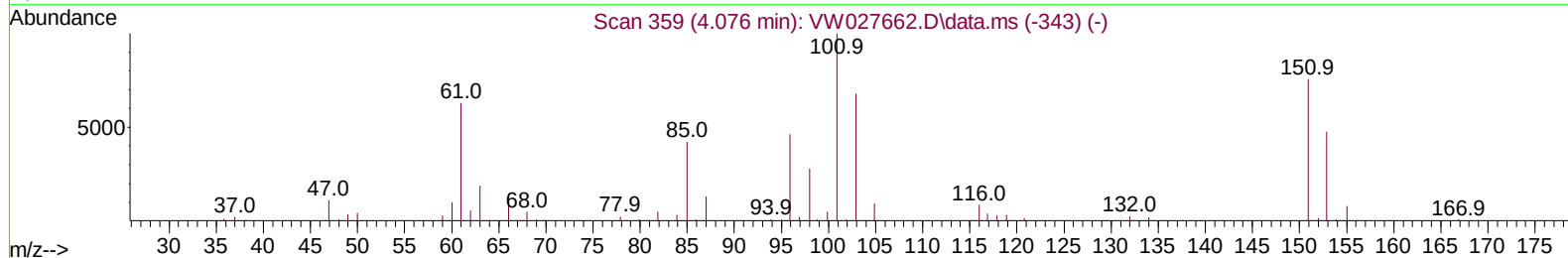
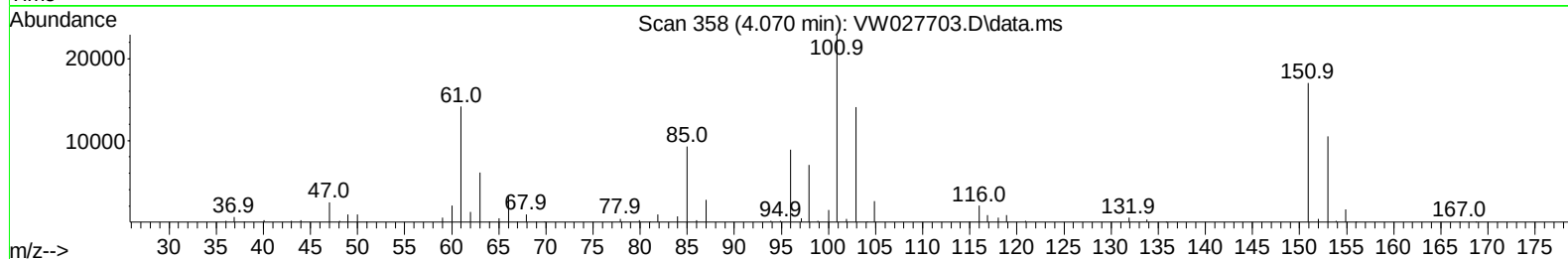
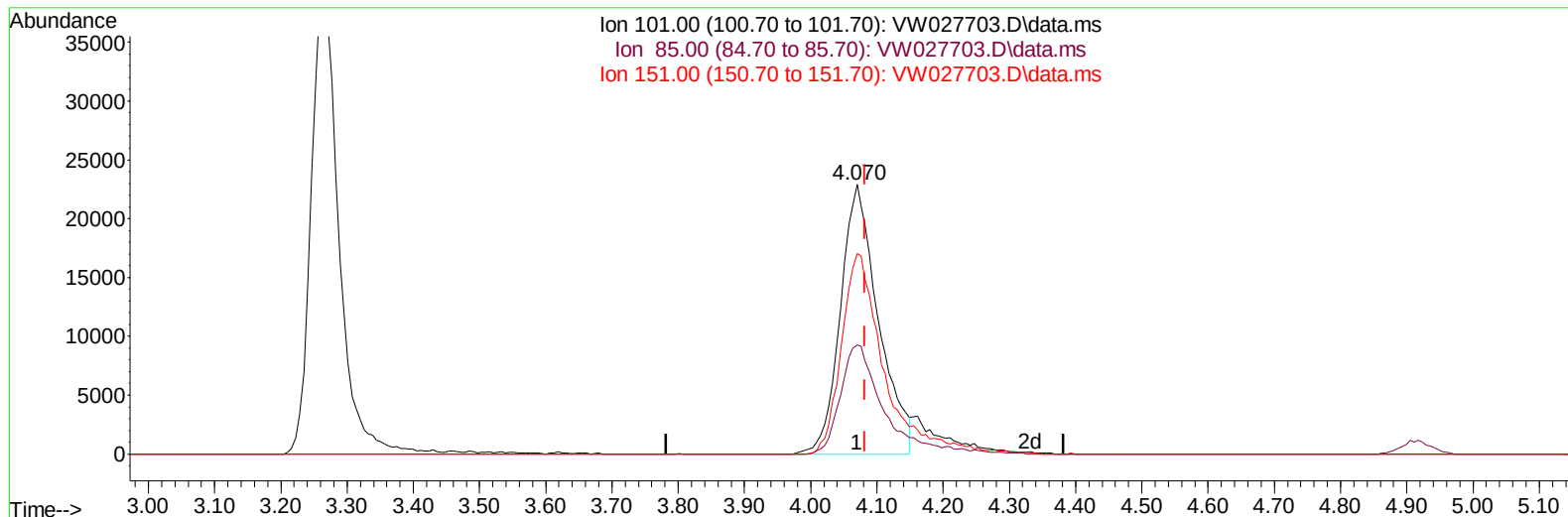
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Data File : VW027703.D
Acq On : 16 Dec 2023 19:45
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

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TIC: VW027703.D\data.ms

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

4.070min (-0.012) 19.18 ug/L

response 90944

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.20	44.02
151.00	73.60	78.16
0.00	0.00	0.00

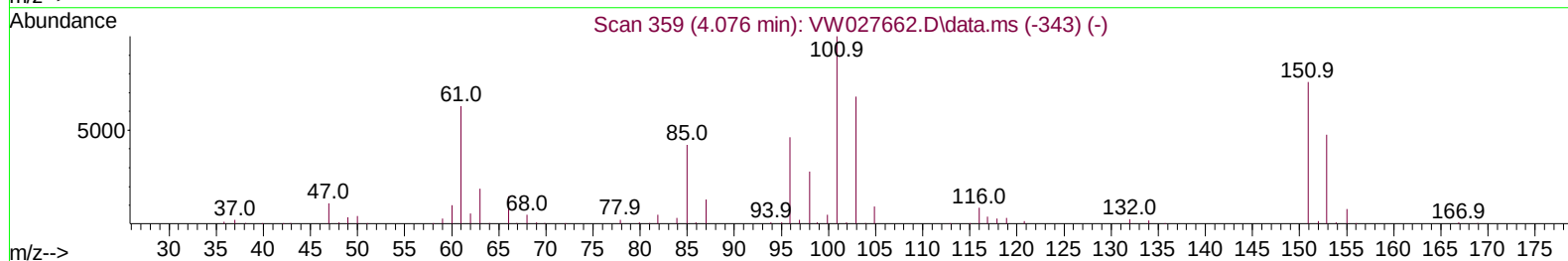
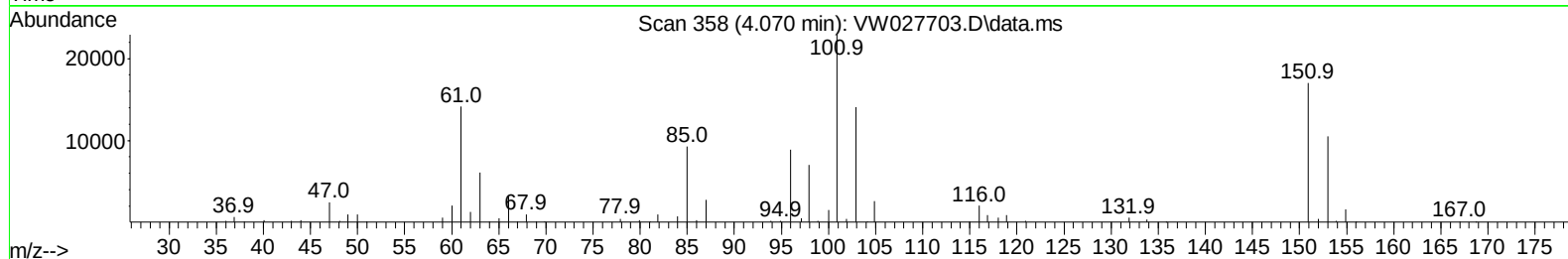
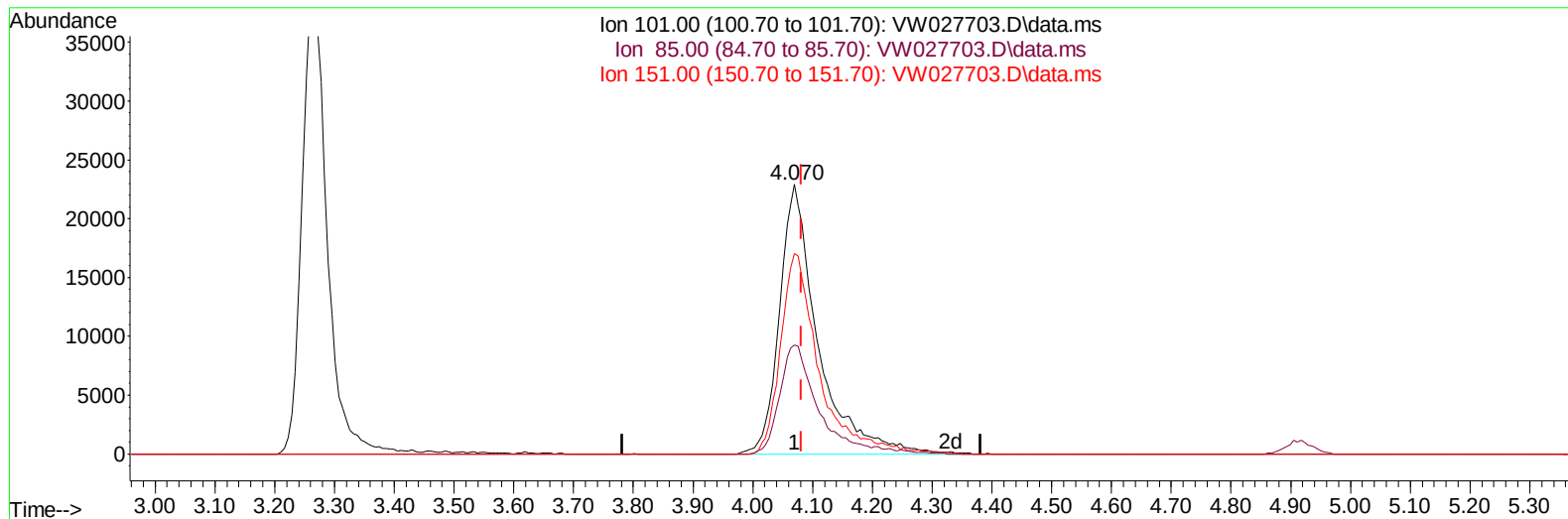
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
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Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

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Reviewed By :Semsettin Yesilyurt 12/17/2023
Supervised By :Mahesh Dadoda 12/18/2023



TIC: VW027703.D\data.ms

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

4.070min (-0.012) 21.53 ug/L m

response 102050

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.20	39.23
151.00	73.60	69.66
0.00	0.00	0.00

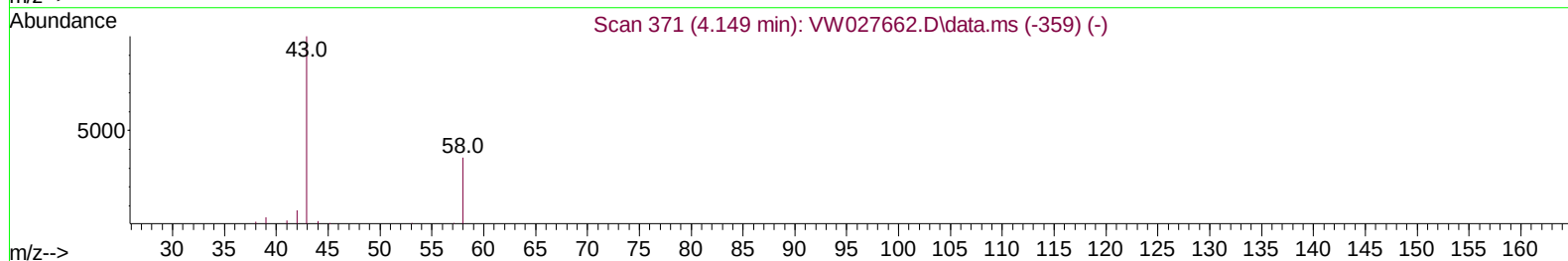
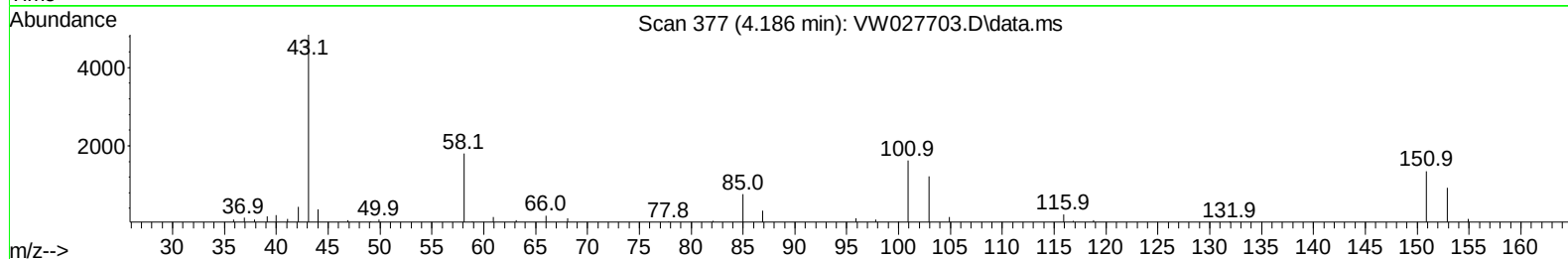
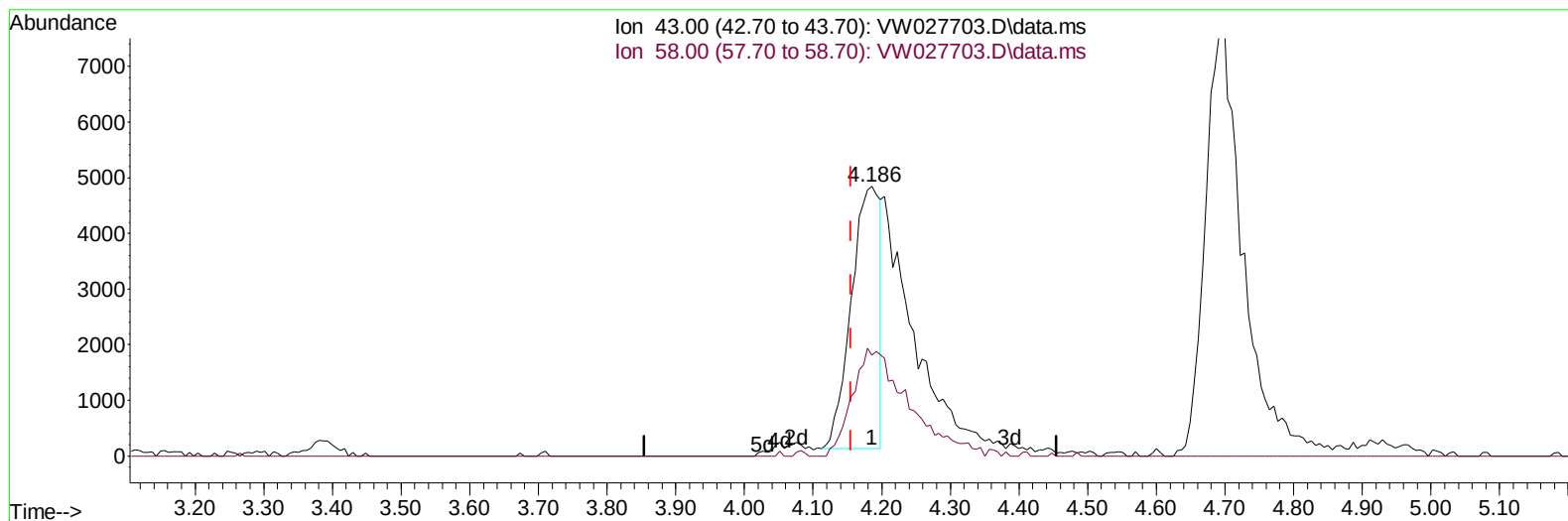
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027703.D
 Acq On : 16 Dec 2023 19:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC025

Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 12/17/2023
 Supervised By :Mahesh Dadoda 12/18/2023



TIC: VW027703.D\data.ms

(13) Acetone (T)

4.186min (+ 0.031) 16.57 ug/L

response 13741

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	34.30	29.53
0.00	0.00	0.00
0.00	0.00	0.00

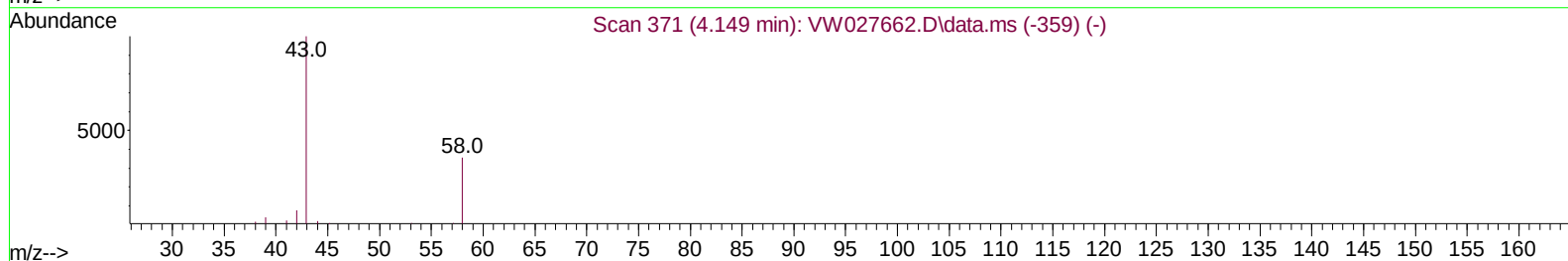
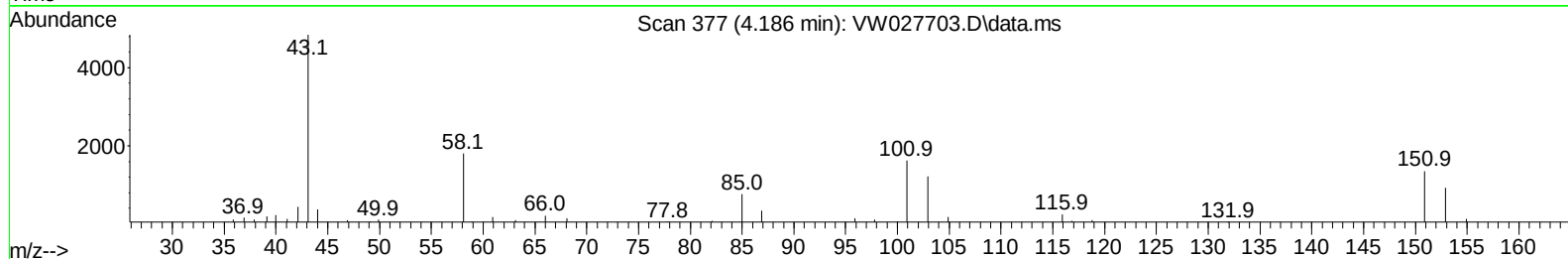
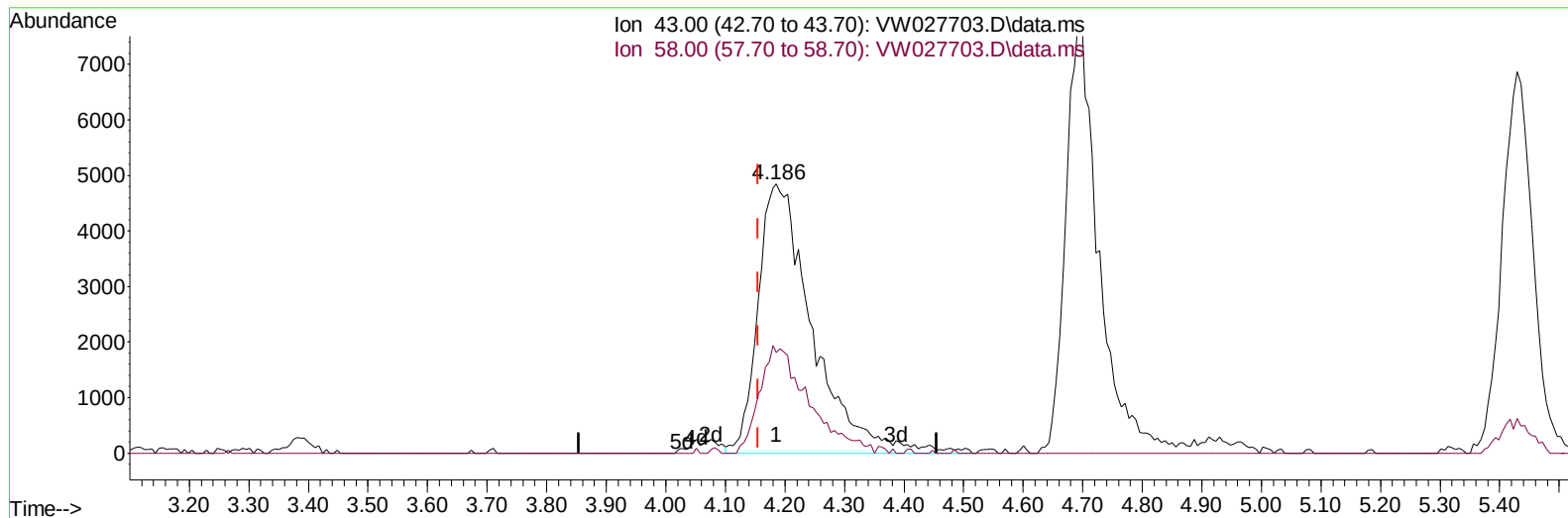
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027703.D
 Acq On : 16 Dec 2023 19:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC025

Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 12/17/2023
 Supervised By :Mahesh Dadoda 12/18/2023



TIC: VW027703.D\data.ms

(13) Acetone (T)

4.186min (+ 0.031) 37.06 ug/L m

response 30741

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	34.30	13.20
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121523\
 Data File : VW027703.D
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 Operator : SY/MD
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Instrument :
 MSVOA_W
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Reviewed By :Semsettin Yesilyurt 12/17/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	378859	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173763	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	111911	20.857	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	83.440%	
7) Chloroethane-d5	2.893	69	89646	21.459	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	85.840%	
11) 1,1-Dichloroethene-d2	4.015	65	45690	21.262	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	85.040%	
21) 2-Butanone-d5	7.100	46	38862	42.534	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	85.060%	
24) Chloroform-d	7.648	84	215800	23.938	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	95.760%	
26) 1,2-Dichloroethane-d4	8.301	65	98836	23.350	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	93.400%	
32) Benzene-d6	8.276	84	464953	22.837	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	91.360%	
36) 1,2-Dichloropropane-d6	9.270	67	133801	23.197	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	92.800%	
41) Toluene-d8	10.319	98	439229	23.253	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	10.575	79	49389	22.116	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	88.480%	
47) 2-Hexanone-d5	10.922	63	35898	42.708	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	85.420%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97023	22.243	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	88.960%	
66) 1,2-Dichlorobenzene-d4	13.849	152	144645	23.255	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	88925m	20.166	ug/L	
3) Chloromethane	2.216	50	111431	21.455	ug/L	100
5) Vinyl chloride	2.369	62	128417	20.783	ug/L	98
6) Bromomethane	2.790	94	86306	21.944	ug/L	96
8) Chloroethane	2.930	64	76870	20.807	ug/L	97
9) Trichlorofluoromethane	3.265	101	114893	20.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	102050m	21.526	ug/L	
12) 1,1-Dichloroethene	4.045	96	100815	21.724	ug/L	83
13) Acetone	4.186	43	30741m	37.064	ug/L	
14) Carbon disulfide	4.381	76	327289	20.993	ug/L	100
15) Methyl Acetate	4.698	43	28476	19.004	ug/L	100
16) Methylene chloride	4.917	84	114069	19.202	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	110149	22.446	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	145757	22.466	ug/L	100
19) 1,1-Dichloroethane	6.222	63	187013	22.411	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	118948	23.026	ug/L	98
22) 2-Butanone	7.197	43	39867	36.197	ug/L	98
23) Bromochloromethane	7.514	128	50710	23.247	ug/L	93

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 LabSampleId :
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	191946	23.356	ug/L	96
27) 1,2-Dichloroethane	8.398	62	108207	22.458	ug/L	99
29) Cyclohexane	7.959	56	161293	19.569	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155200	21.328	ug/L	99
31) Carbon tetrachloride	8.069	117	133356	20.824	ug/L	99
33) Benzene	8.325	78	445772	22.074	ug/L	100
34) Trichloroethene	9.087	95	116428	21.151	ug/L	96
35) Methylcyclohexane	9.331	83	200590	20.204	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107526	22.058	ug/L	99
38) Bromodichloromethane	9.642	83	132099	22.295	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	160164	21.557	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	83808	39.336	ug/L	100
42) Toluene	10.386	91	477133	21.959	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	124471	21.273	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	77629	21.510	ug/L	97
46) Tetrachloroethene	10.861	164	94999	21.613	ug/L	90
48) 2-Hexanone	10.965	43	58512	36.896	ug/L	97
49) Dibromochloromethane	11.123	129	81873	21.690	ug/L	96
50) 1,2-Dibromoethane	11.233	107	71399	20.817	ug/L	92
51) Chlorobenzene	11.654	112	303206	21.841	ug/L	93
52) Ethylbenzene	11.727	91	532027	21.729	ug/L	98
53) m,p-Xylene	11.837	106	211067	22.443	ug/L	99
54) o-Xylene	12.160	106	197154	22.513	ug/L	98
55) Styrene	12.178	104	337039	22.830	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	82972	20.168	ug/L #	98
59) Bromoform	12.349	173	44260	20.809	ug/L	99
60) Isopropylbenzene	12.459	105	539223	21.988	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58059	20.048	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	444058	22.651	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	435277	22.556	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	232275	21.918	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	236242	22.193	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	205357	22.284	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11244	19.435	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.617	180	155795	21.128	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	127529	21.060	ug/L	94
71) Naphthalene	15.354	128	222975	20.779	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111611	22.045	ug/L	98

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

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