

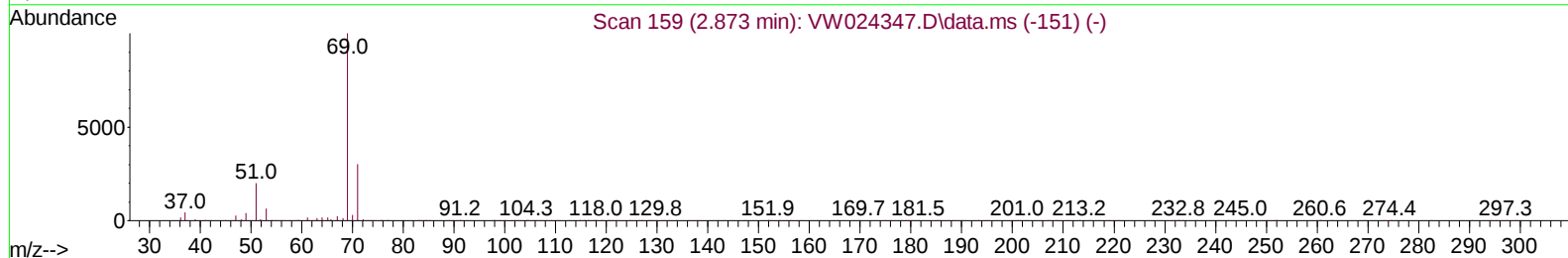
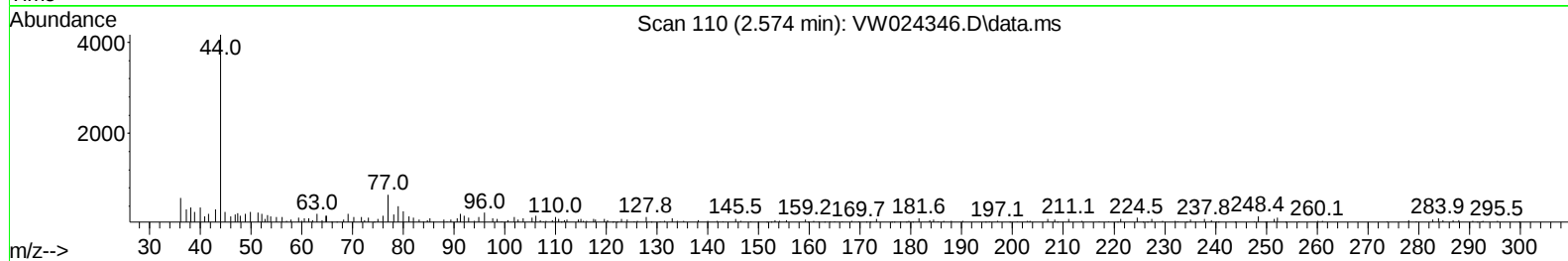
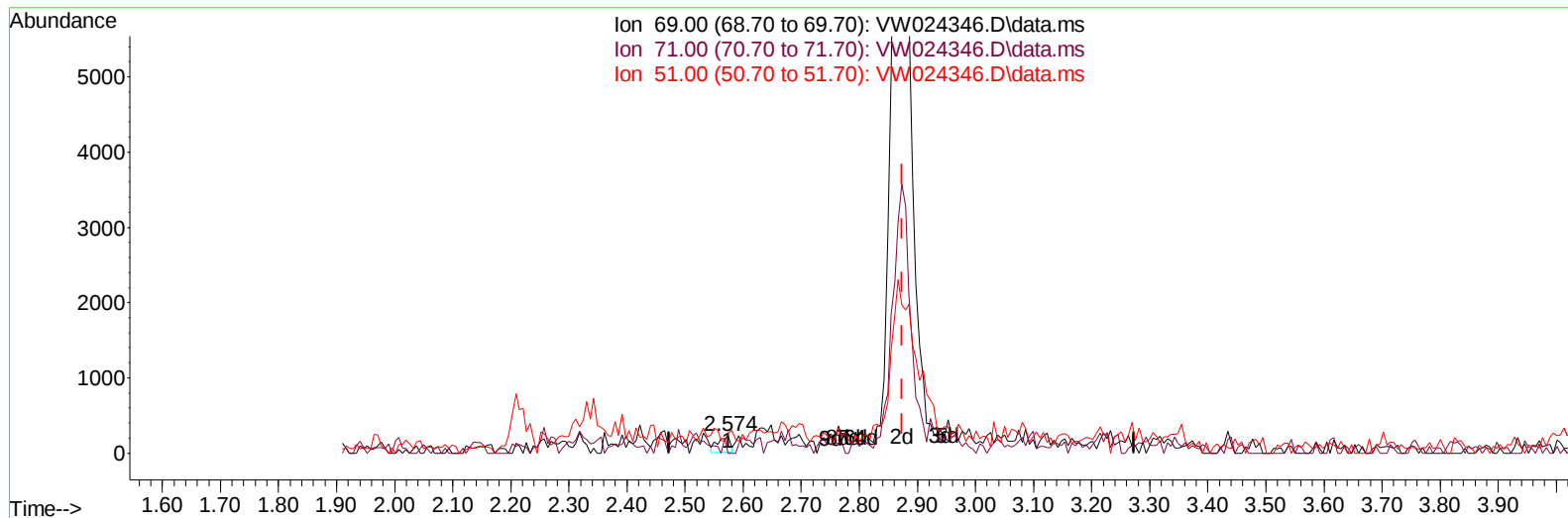
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration



TIC: VW024346.D\data.ms

(7) Chloroethane-d5 (S)

2.574min (-0.299) 0.07 ug/L

response 326

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.30	22.39
51.00	25.80	31.90
0.00	0.00	0.00

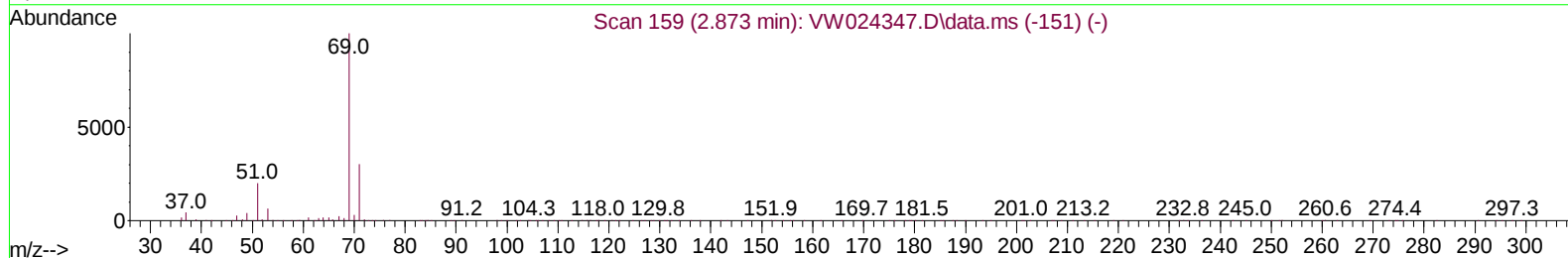
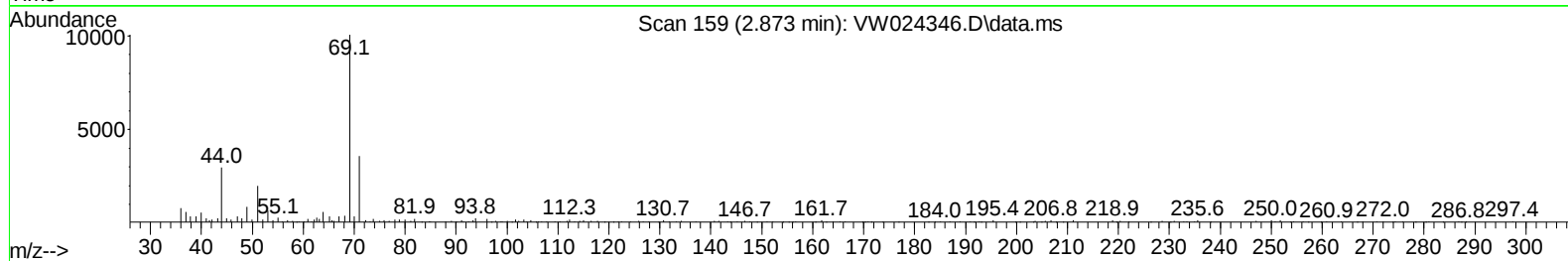
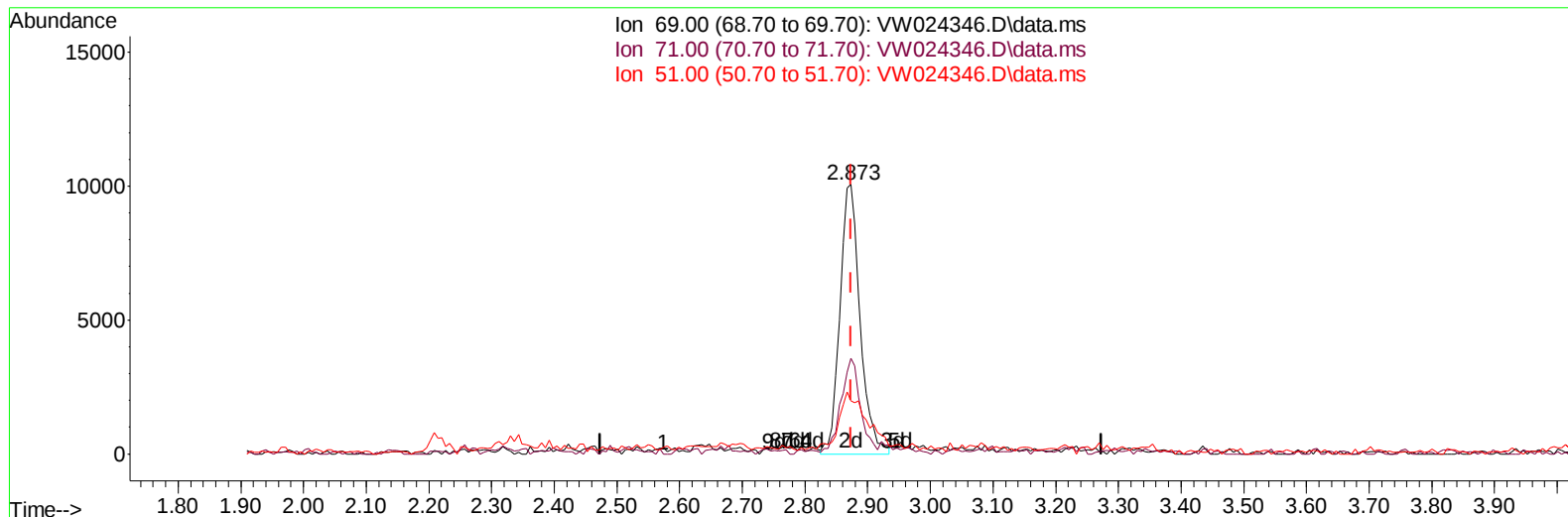
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration



TIC: VW024346.D\data.ms

(7) Chloroethane-d5 (S)

2.873min (+ 0.000) 4.95 ug/L m

response 22519

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.30	0.32#
51.00	25.80	0.46#
0.00	0.00	0.00

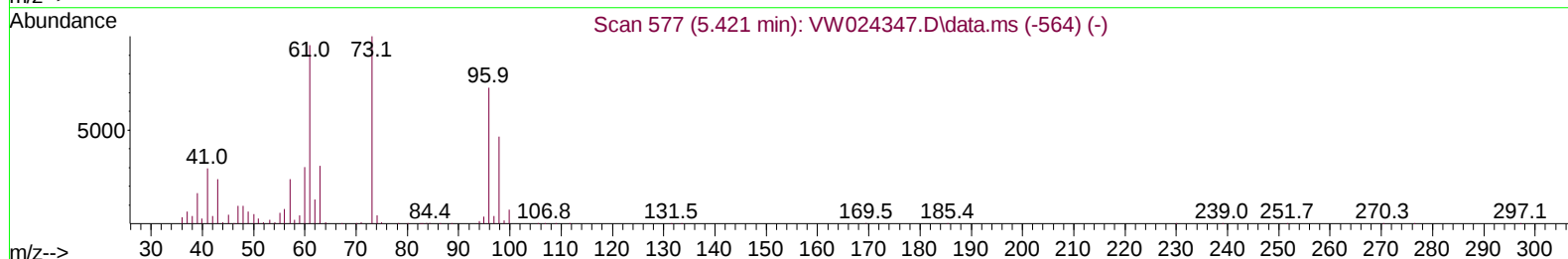
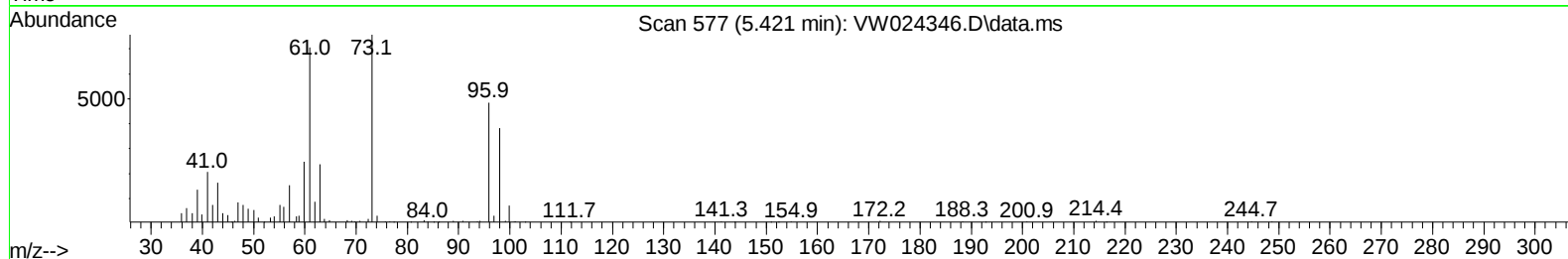
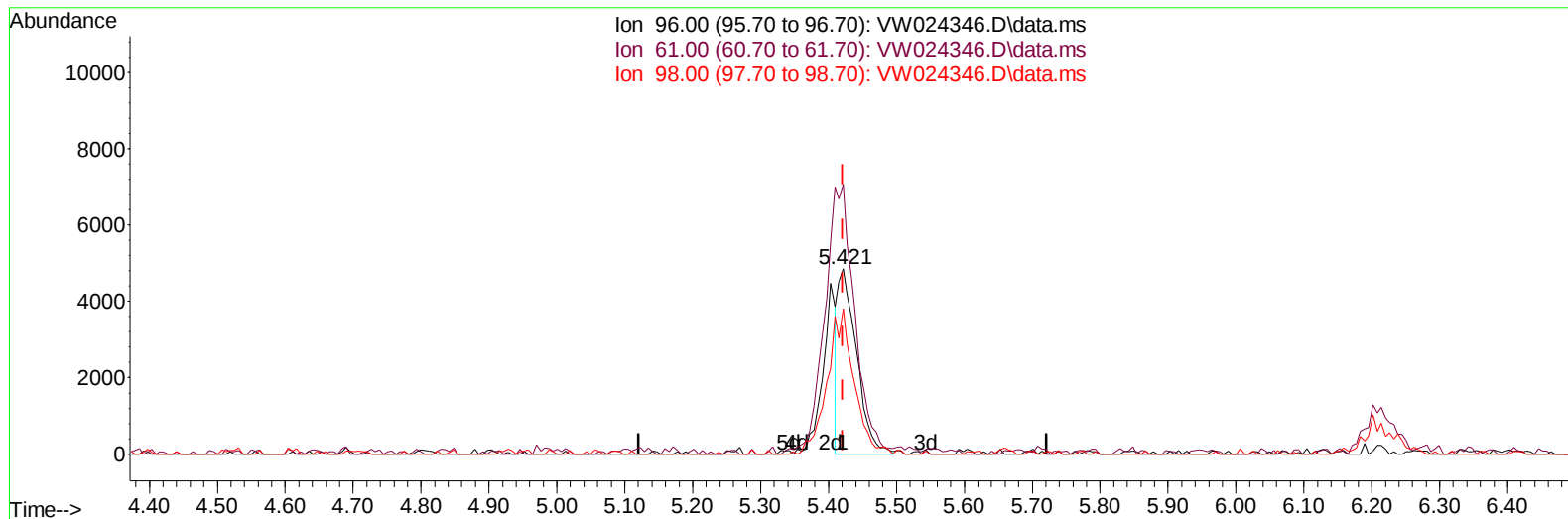
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Data File : VW024346.D
Acq On : 26 Aug 2022 11:40
Operator : SY/VA
Sample : VSTD00520
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 26 23:53:47 2022
Response via : Initial Calibration



TIC: VW024346.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.421min (+ 0.000) 2.95 ug/L

response 9309

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	131.60	145.55
98.00	63.90	78.59
0.00	0.00	0.00

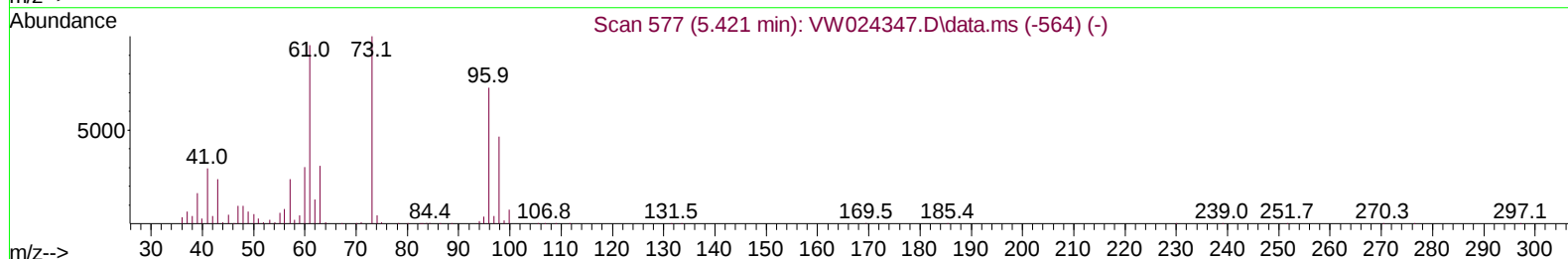
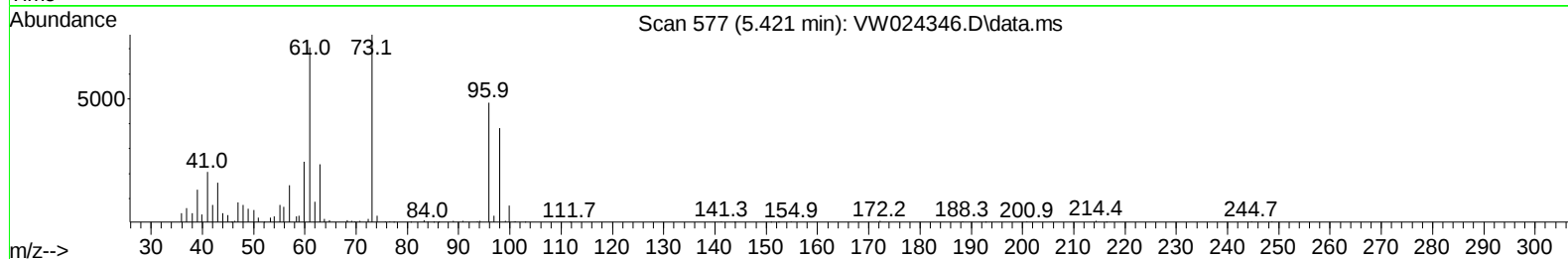
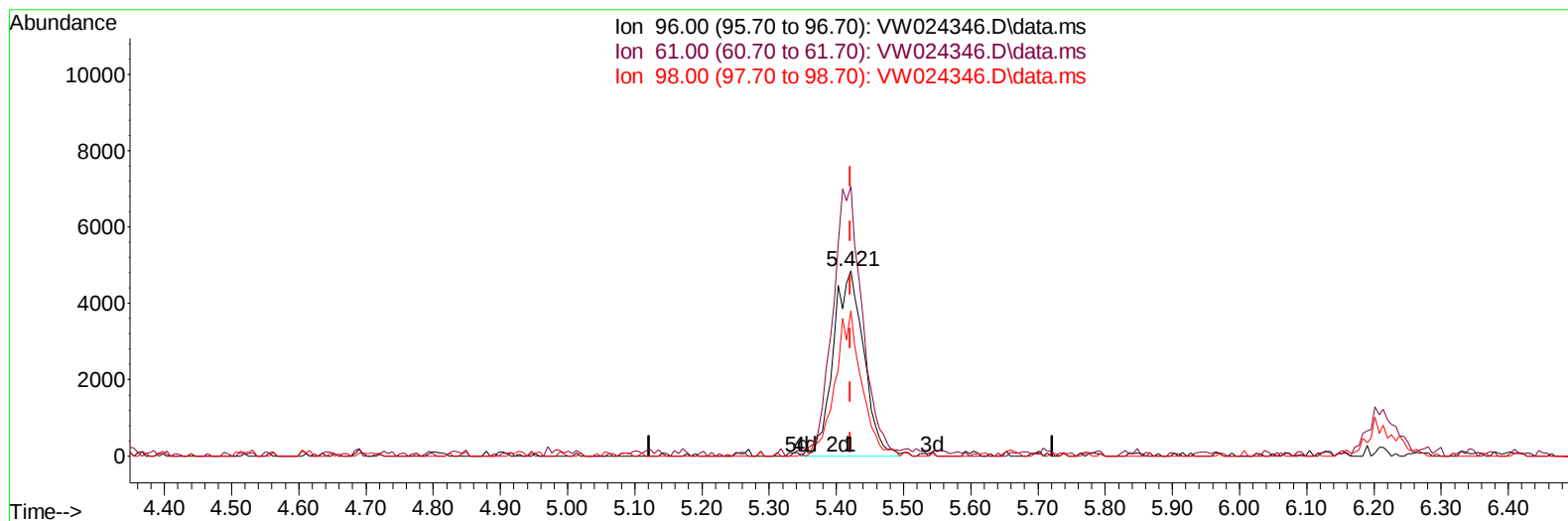
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Data File : VW024346.D
Acq On : 26 Aug 2022 11:40
Operator : SY/VA
Sample : VSTD00520
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 26 23:53:47 2022
Response via : Initial Calibration



TIC: VW024346.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.421min (+ 0.000) 4.83 ug/L m

response 15238

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	131.60	145.55
98.00	63.90	78.59
0.00	0.00	0.00

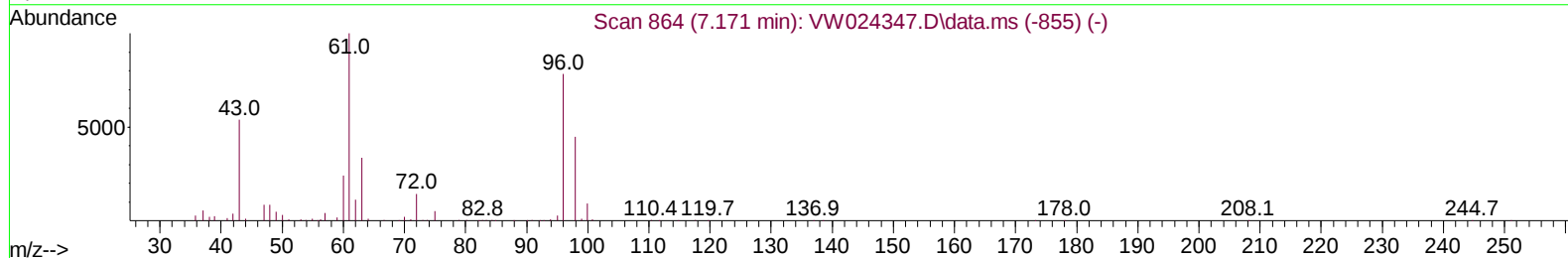
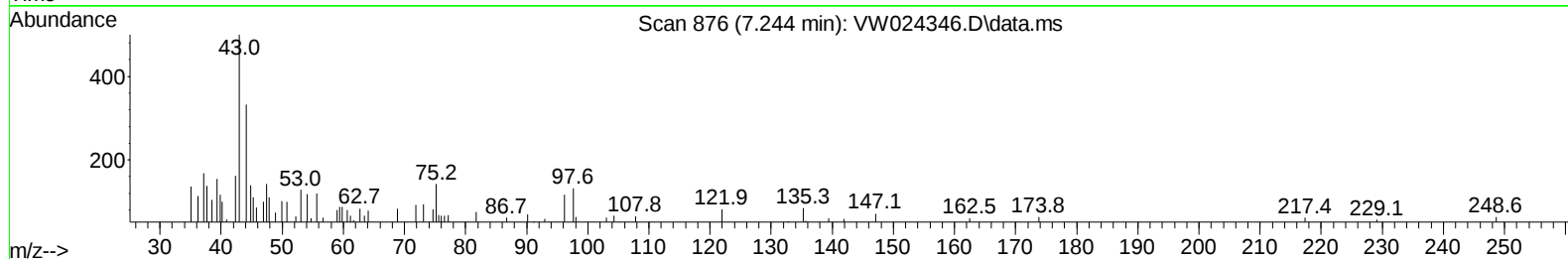
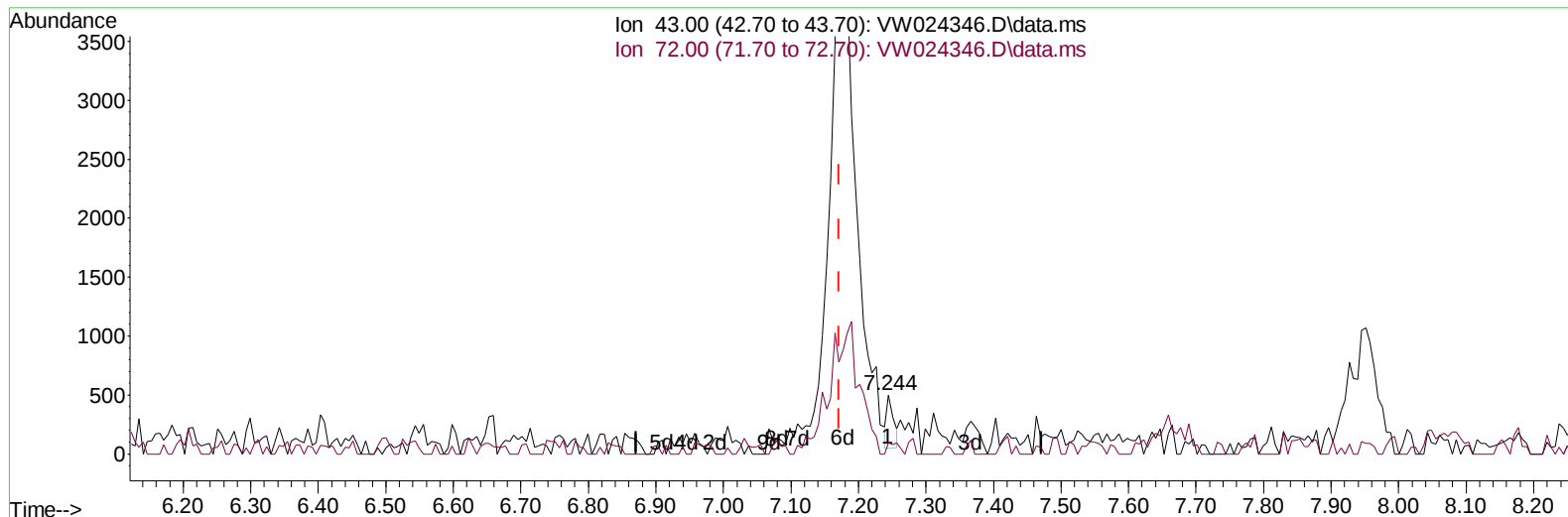
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 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration



TIC: VW024346.D\data.ms

(22) 2-Butanone (T)

7.244min (+ 0.073) 0.27 ug/L

response 322

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.70	36.02
0.00	0.00	0.00
0.00	0.00	0.00

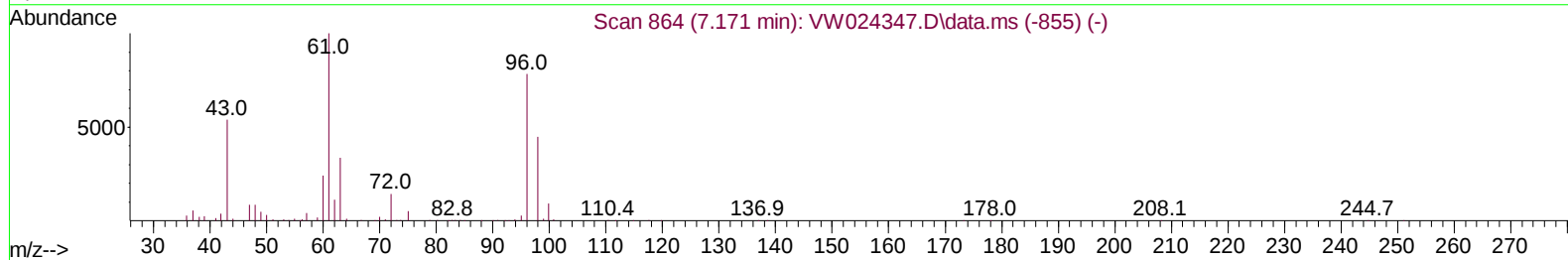
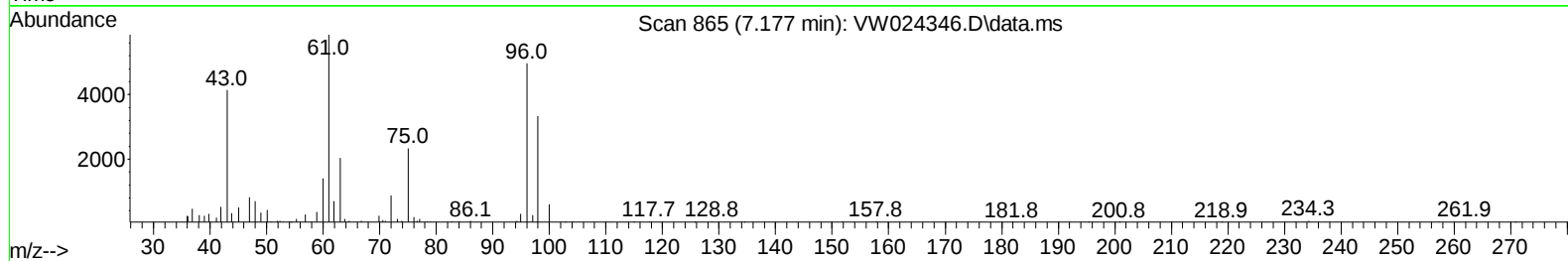
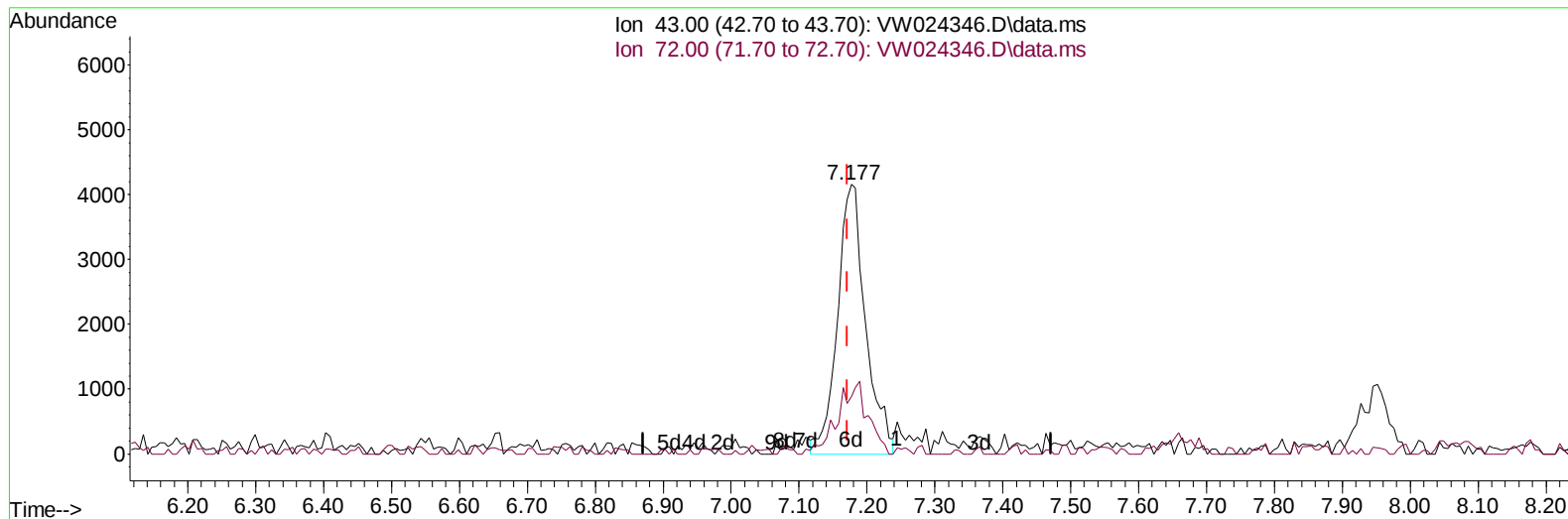
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SoIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022



TIC: VW024346.D\data.ms

(22) 2-Butanone (T)

7.177min (+ 0.006) 9.92 ug/L m

response 11946

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.70	0.97#
0.00	0.00	0.00
0.00	0.00	0.00

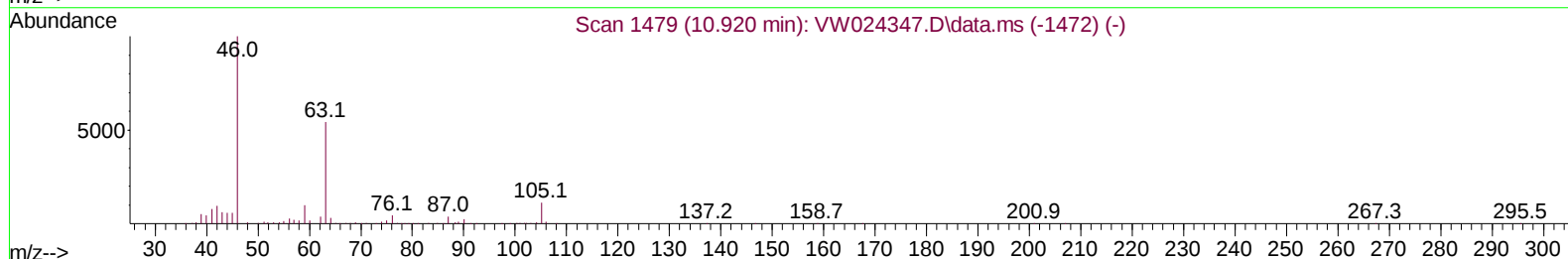
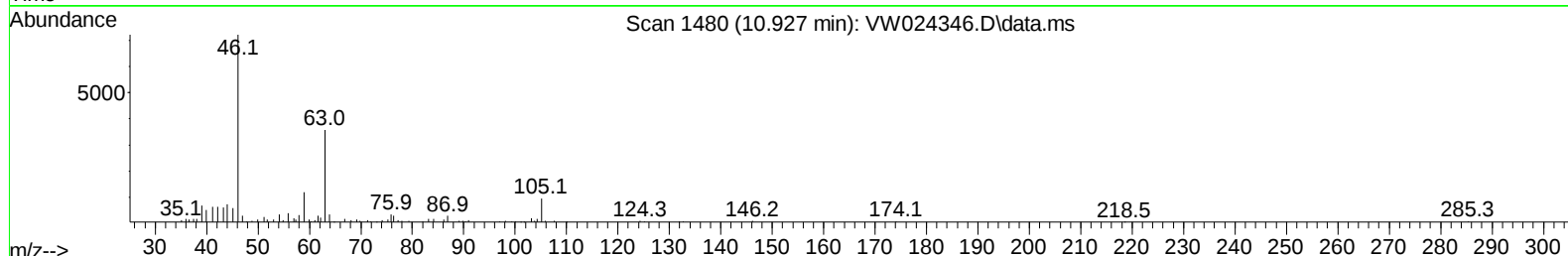
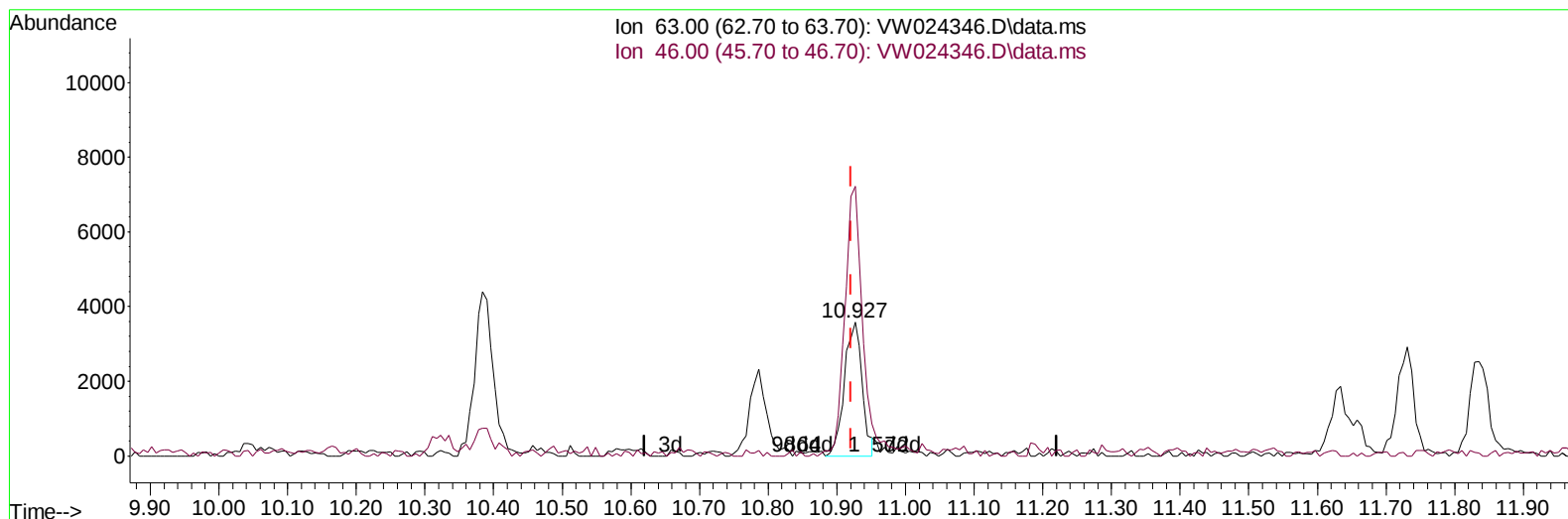
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 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration



TIC: VW024346.D\data.ms

(47) 2-Hexanone-d5 (S)

10.927min (+ 0.006) 6.89 ug/L

response 6400

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	185.10	206.81
0.00	0.00	0.00
0.00	0.00	0.00

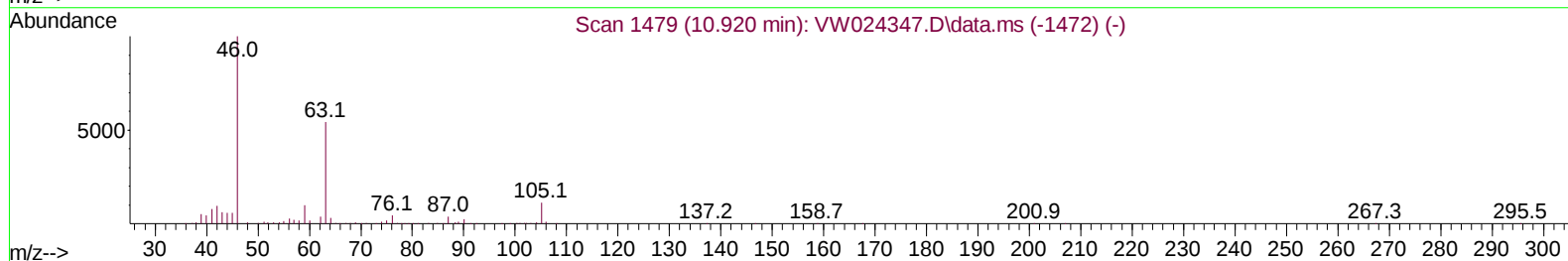
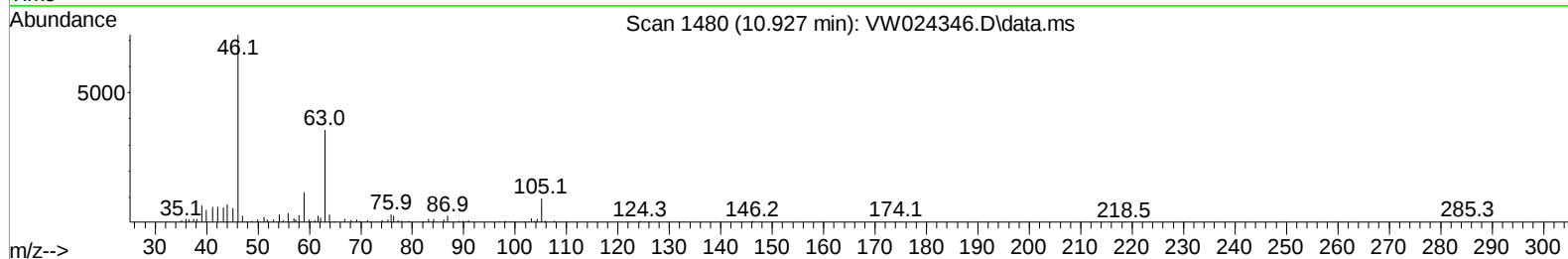
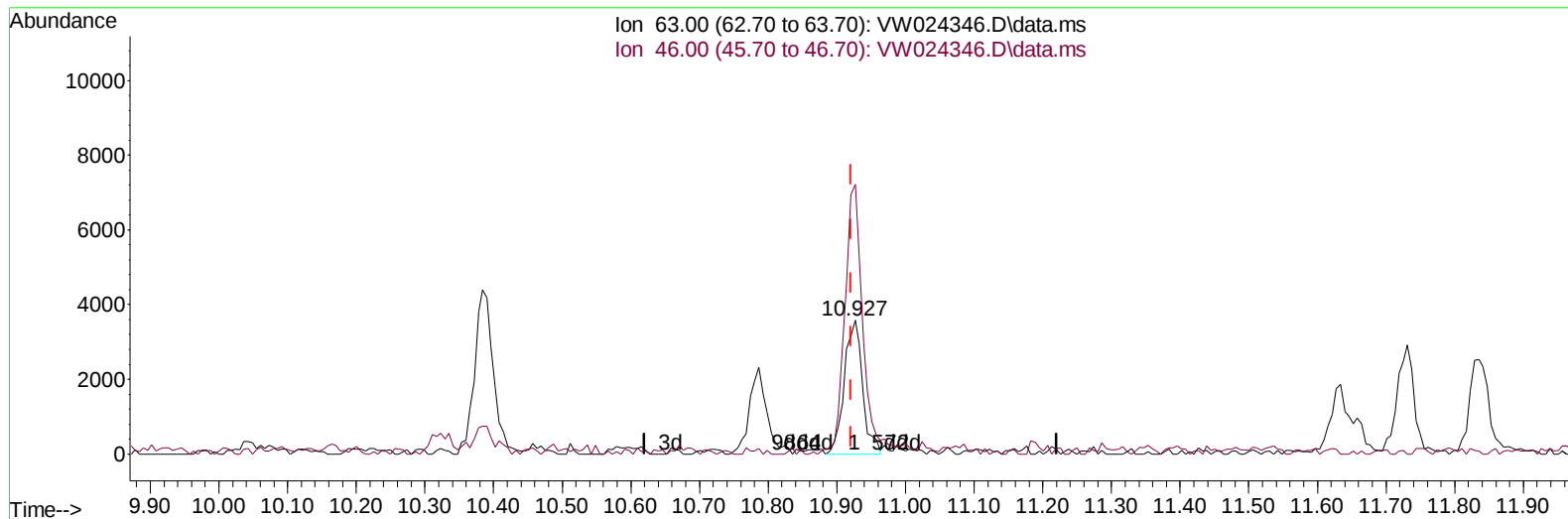
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 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration



TIC: VW024346.D\data.ms

(47) 2-Hexanone-d5 (S)

10.927min (+ 0.006) 7.07 ug/L m

response 6575

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	185.10	201.31
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/30/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	222970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	30236	4.919	ug/L	0.00
7) Chloroethane-d5	2.873	69	22519m	4.949	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	25850	4.960	ug/L	0.00
21) 2-Butanone-d5	7.086	46	8864	8.116	ug/L	0.00
24) Chloroform-d	7.647	84	34797	4.854	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	21016	4.834	ug/L	0.00
32) Benzene-d6	8.268	84	62373	4.653	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	18735	4.494	ug/L	0.00
41) Toluene-d8	10.323	98	57406	4.504	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	8378	4.280	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6575m	7.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20829	4.413	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	21391	4.505	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	10785	4.708	ug/L	91
3) Chloromethane	2.215	50	21534	5.153	ug/L	97
5) Vinyl chloride	2.349	62	39440	5.407	ug/L	99
6) Bromomethane	2.763	94	28852	5.636	ug/L	99
8) Chloroethane	2.904	64	20147	5.227	ug/L	87
9) Trichlorofluoromethane	3.245	101	17869	5.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	17384	5.303	ug/L #	86
12) 1,1-Dichloroethene	4.031	96	12967	4.869	ug/L	85
13) Acetone	4.129	43	7359	10.758	ug/L	87
14) Carbon disulfide	4.367	76	49885	5.636	ug/L	95
15) Methyl Acetate	4.672	43	7855	4.767	ug/L	91
16) Methylene chloride	4.909	84	21200	5.747	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	15238m	4.834	ug/L	
18) Methyl tert-butyl Ether	5.421	73	23625	4.577	ug/L #	79
19) 1,1-Dichloroethane	6.214	63	30662	5.144	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	16270	4.693	ug/L	96
22) 2-Butanone	7.177	43	11946m	9.923	ug/L	
23) Bromochloromethane	7.513	128	8776	5.184	ug/L	90
25) Chloroform	7.671	83	35328	5.341	ug/L	93
27) 1,2-Dichloroethane	8.403	62	25519	5.301	ug/L	98
29) Cyclohexane	7.951	56	21100	4.183	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	28226	5.117	ug/L	99
31) Carbon tetrachloride	8.067	117	24872	4.929	ug/L	97
33) Benzene	8.317	78	70576	4.846	ug/L	100
34) Trichloroethene	9.085	95	18541	4.829	ug/L	96
35) Methylcyclohexane	9.335	83	26791	4.349	ug/L	91
37) 1,2-Dichloropropane	9.366	63	18413	4.924	ug/L #	96
38) Bromodichloromethane	9.646	83	25552	4.991	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	22895	4.357	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	23448	8.862	ug/L	99
42) Toluene	10.384	91	74204	4.616	ug/L	99

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 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.603	75	22742	4.454	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	15317	4.997	ug/L	92
46) Tetrachloroethene	10.866	164	14122	4.736	ug/L	90
48) 2-Hexanone	10.969	43	17331	8.792	ug/L	95
49) Dibromochloromethane	11.128	129	16894	4.659	ug/L	92
50) 1,2-Dibromoethane	11.231	107	14000	4.750	ug/L	97
51) Chlorobenzene	11.658	112	52749	4.889	ug/L	98
52) Ethylbenzene	11.731	91	80025	4.503	ug/L	91
53) m,p-Xylene	11.841	106	31528	4.517	ug/L	90
54) o-Xylene	12.164	106	27139	4.159	ug/L	100
55) Styrene	12.182	104	48997	4.248	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	20313	4.747	ug/L	91
59) Bromoform	12.353	173	9111	4.502	ug/L	98
60) Isopropylbenzene	12.463	105	76775	4.584	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	14025	4.901	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	54341	4.024	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	54540	4.158	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	39100	4.883	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	41703	4.933	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	35768	4.765	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.487	75	3349	4.675	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	23936	4.631	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	17102	4.257	ug/L	98
71) Naphthalene	15.365	128	32771	3.714	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	16706	4.400	ug/L	94

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

