

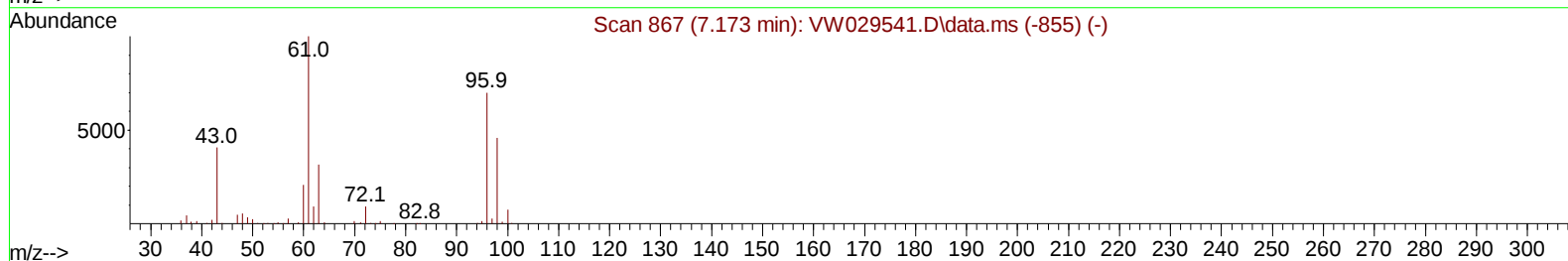
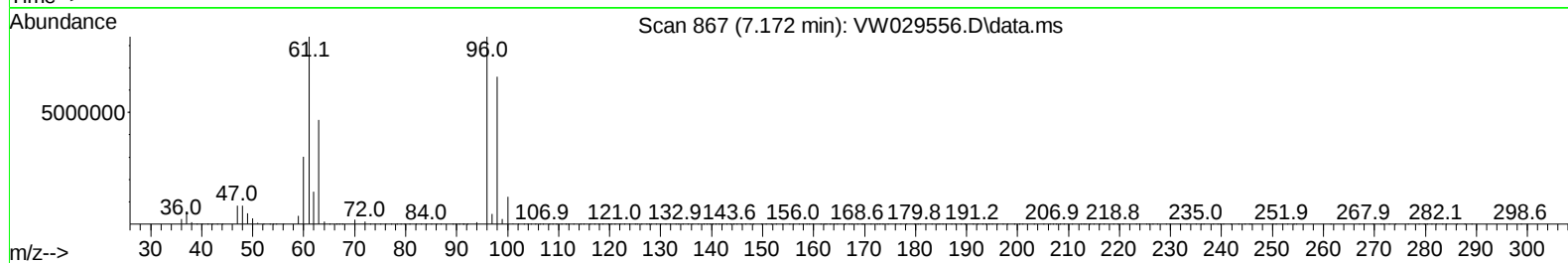
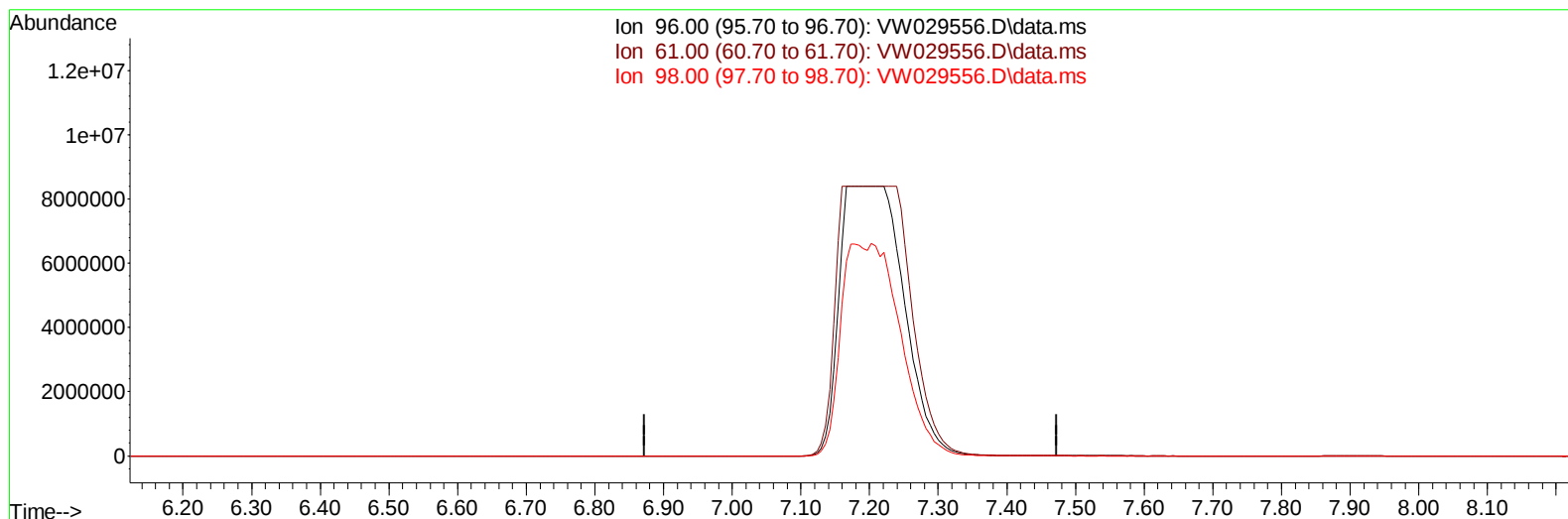
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.173min (-7.173) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	139.10	0.00#
98.00	59.40	0.00#
0.00	0.00	0.00

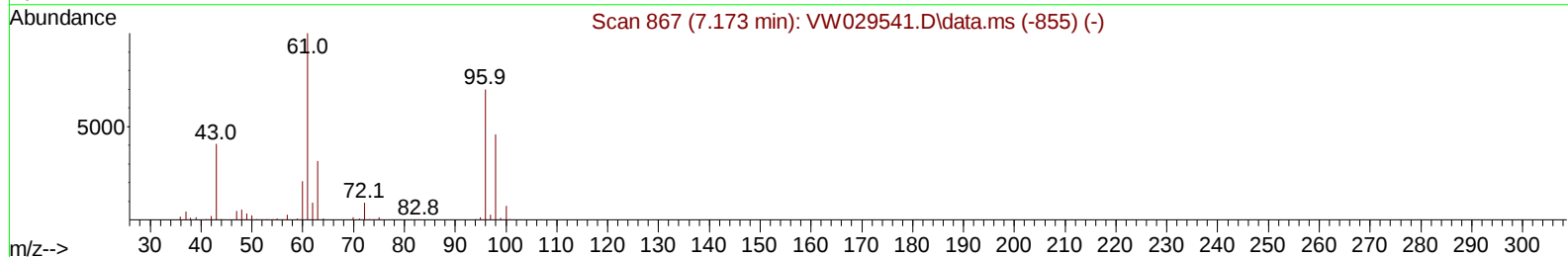
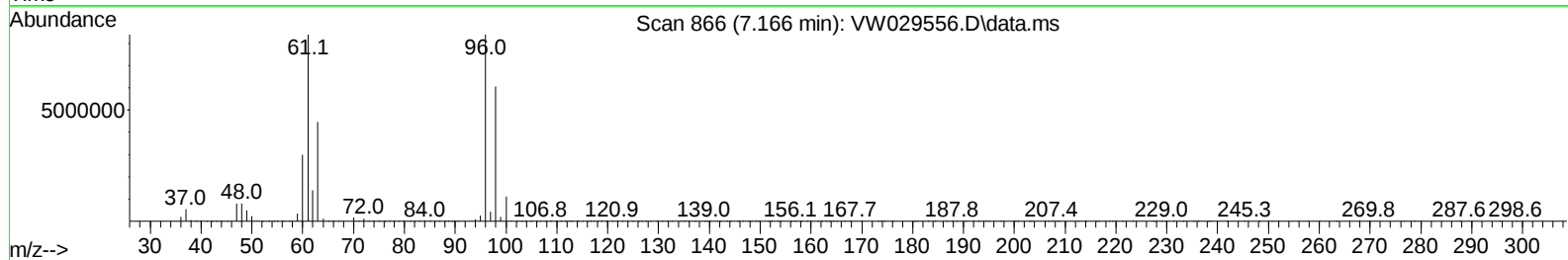
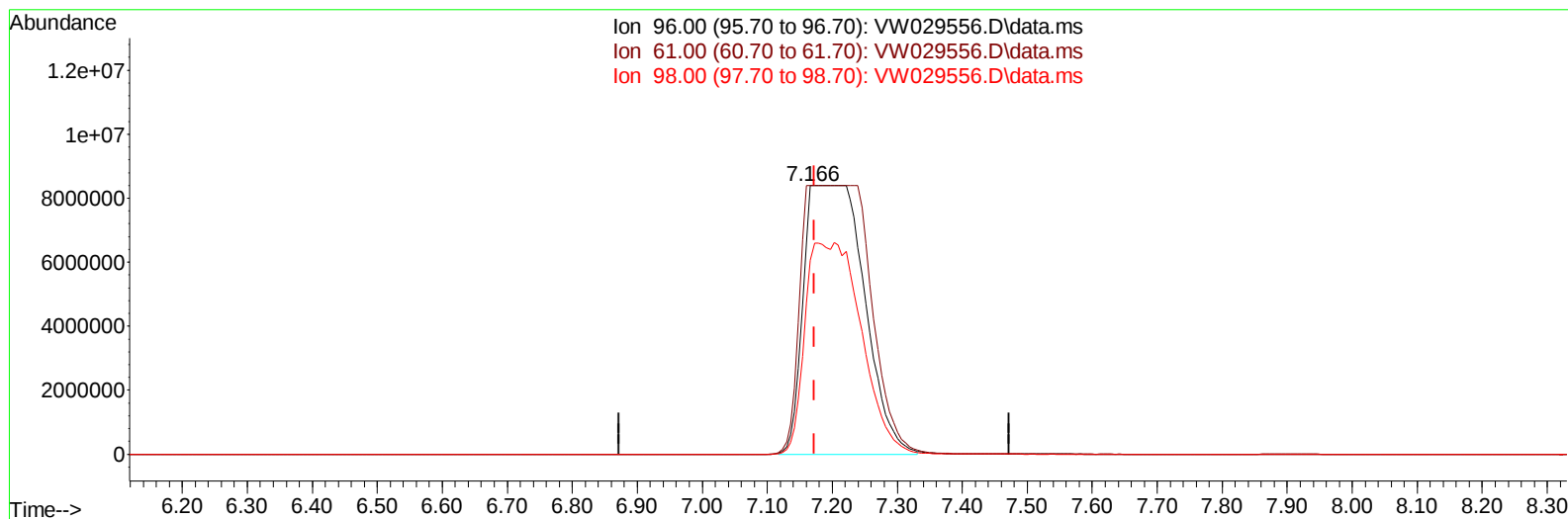
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.166min (-0.007) 10844.15 ug/L m

response 53943616

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	139.10	100.00
98.00	59.40	72.32
0.00	0.00	0.00

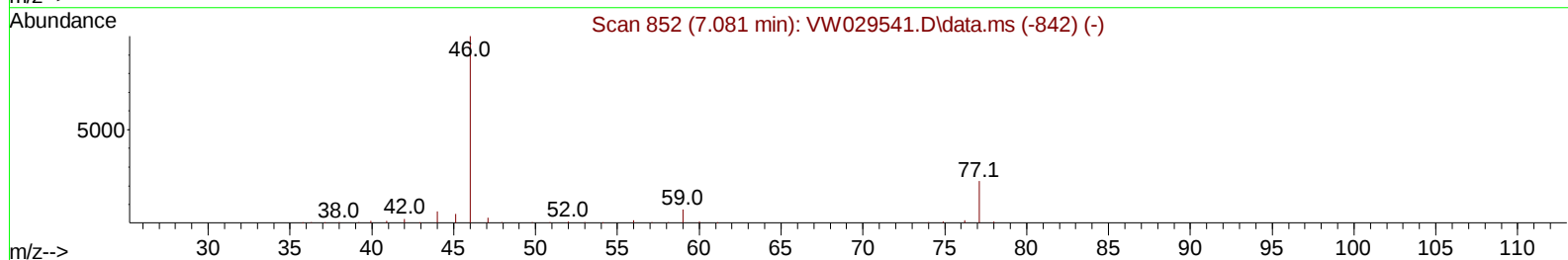
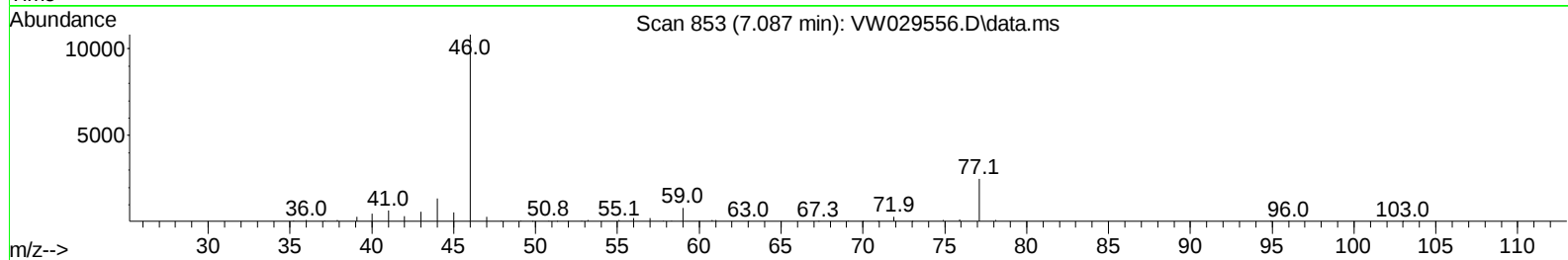
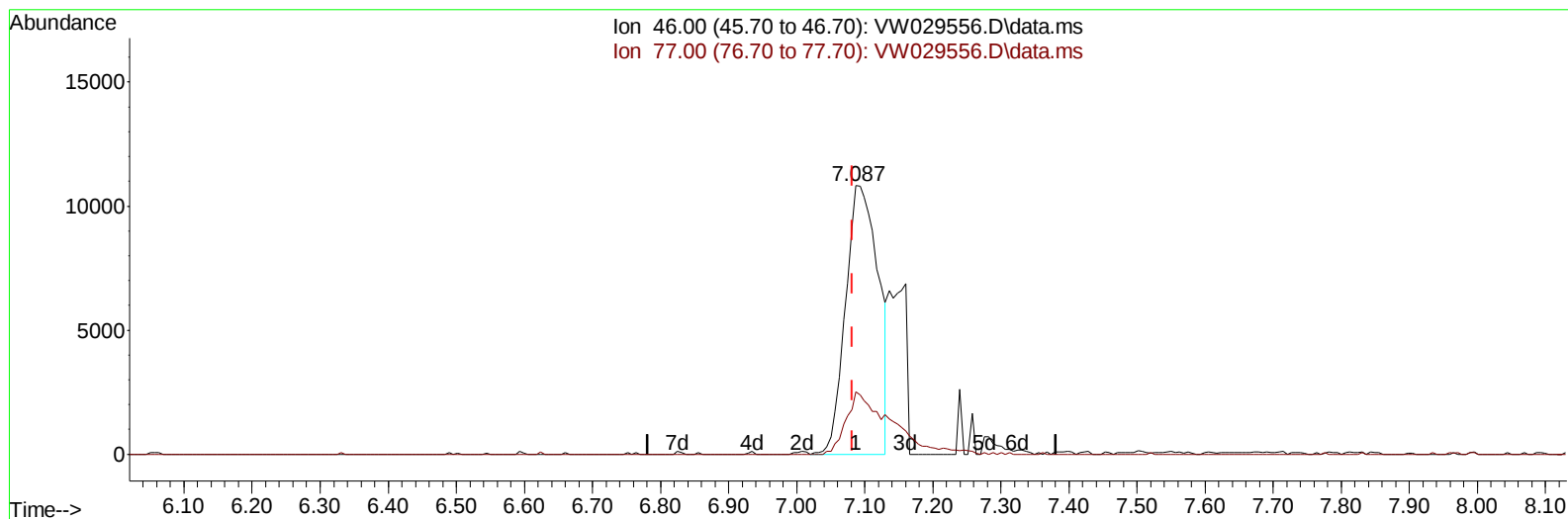
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(21) 2-Butanone-d5 (S)

7.087min (+ 0.006) 22.54 ug/L

response 36113

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	21.10	19.98
0.00	0.00	0.00
0.00	0.00	0.00

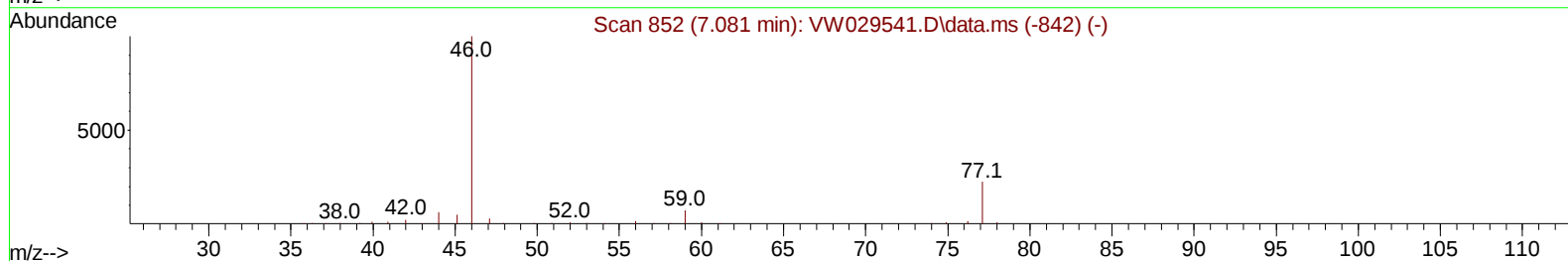
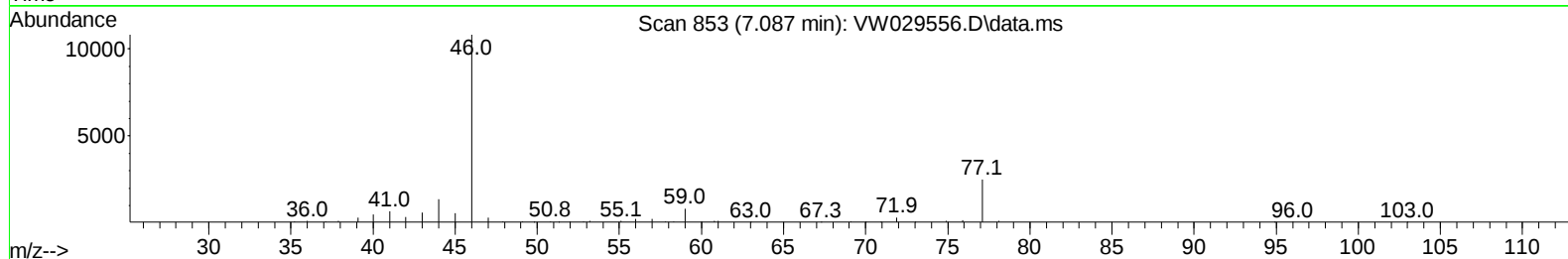
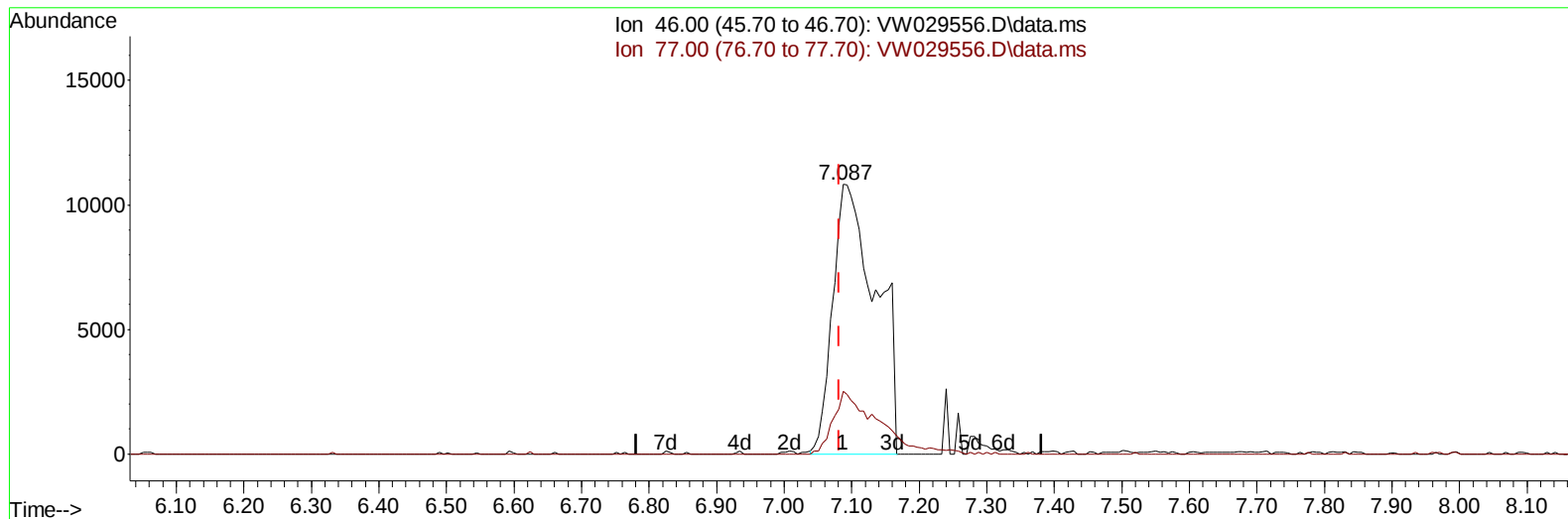
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029556.D
 Acq On : 12 Jul 2024 17:08
 Operator : SY/MD
 Sample : P3230-01
 Misc : 5.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(21) 2-Butanone-d5 (S)

7.087min (+ 0.006) 29.97 ug/L m

response 48027

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	21.10	15.02
0.00	0.00	0.00
0.00	0.00	0.00

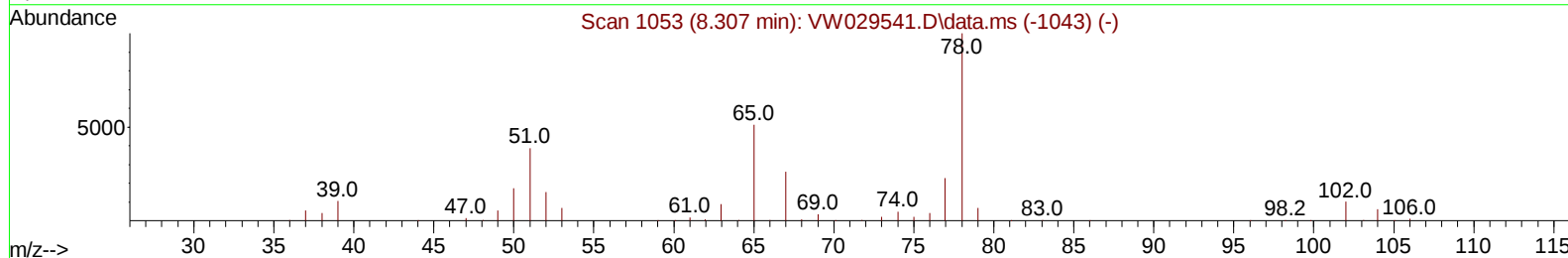
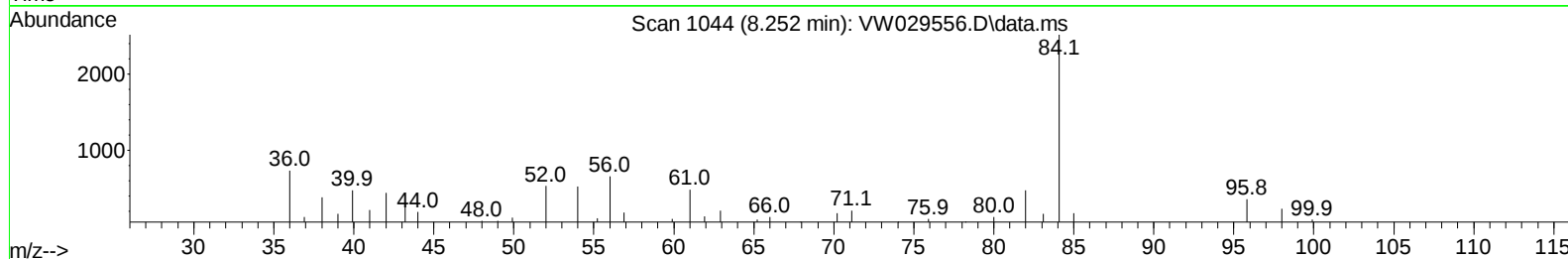
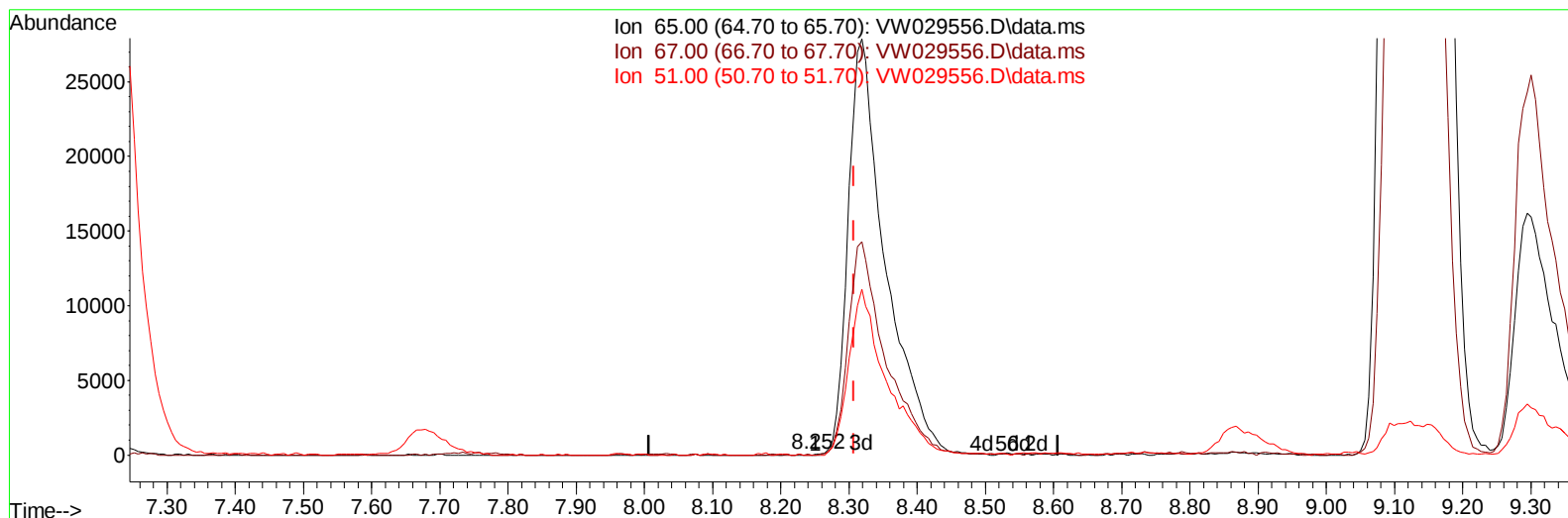
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029556.D
 Acq On : 12 Jul 2024 17:08
 Operator : SY/MD
 Sample : P3230-01
 Misc : 5.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
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TIC: VW029556.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.252min (-0.055) 0.01 ug/L

response 60

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.60	38.33
51.00	101.40	128.33
0.00	0.00	0.00

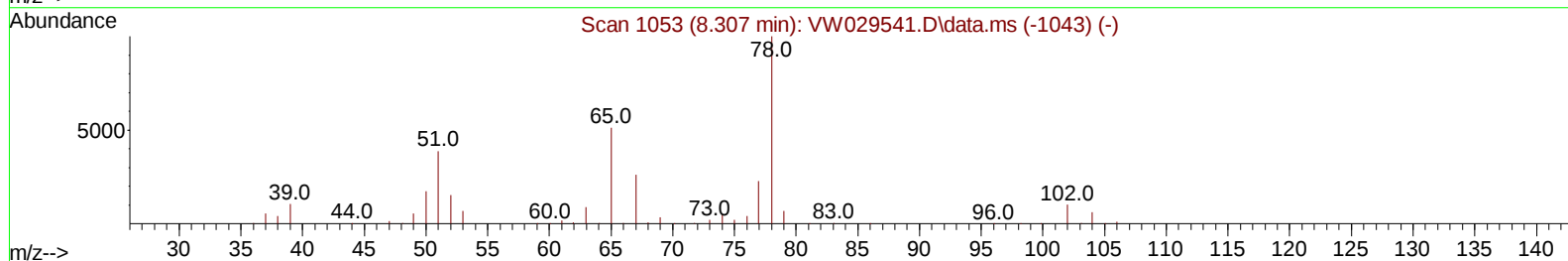
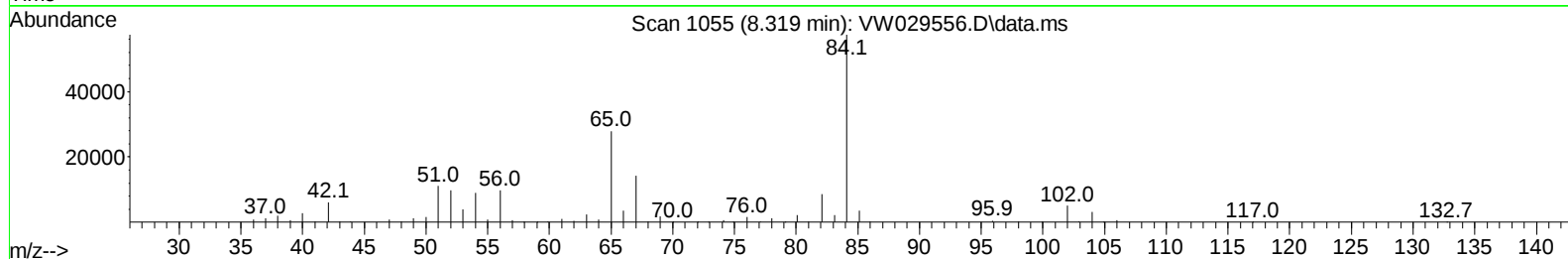
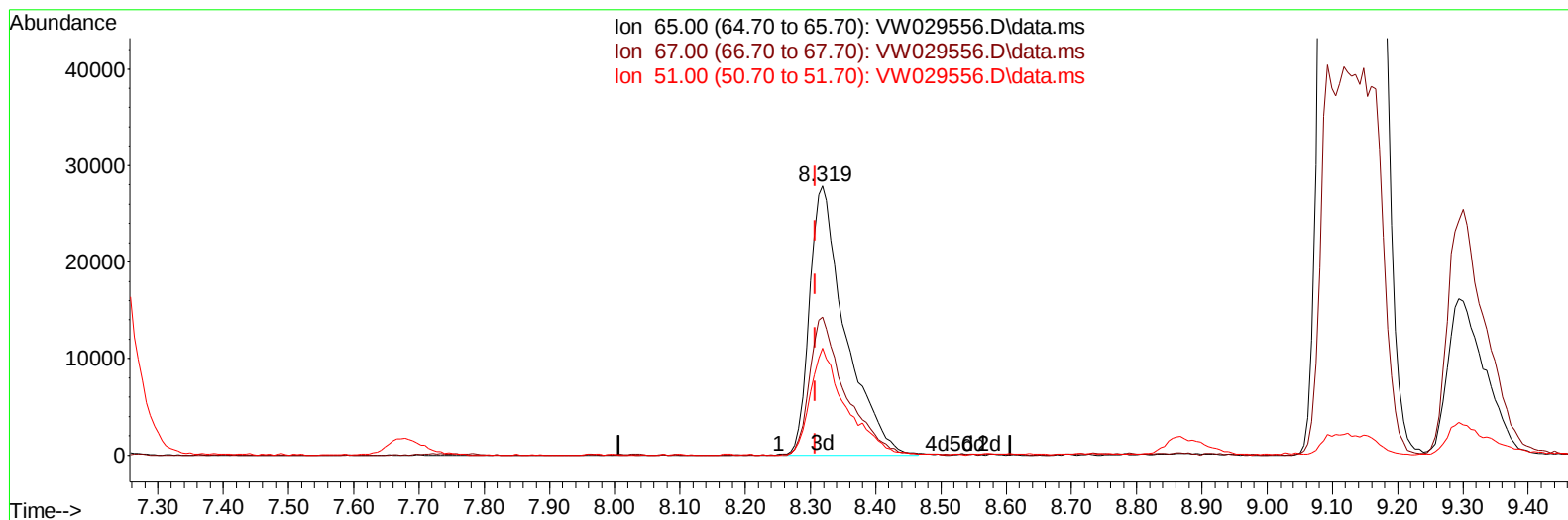
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration



TIC: VW029556.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.319min (+ 0.012) 18.92 ug/L m

response 105997

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.60	0.02#
51.00	101.40	0.07#
0.00	0.00	0.00

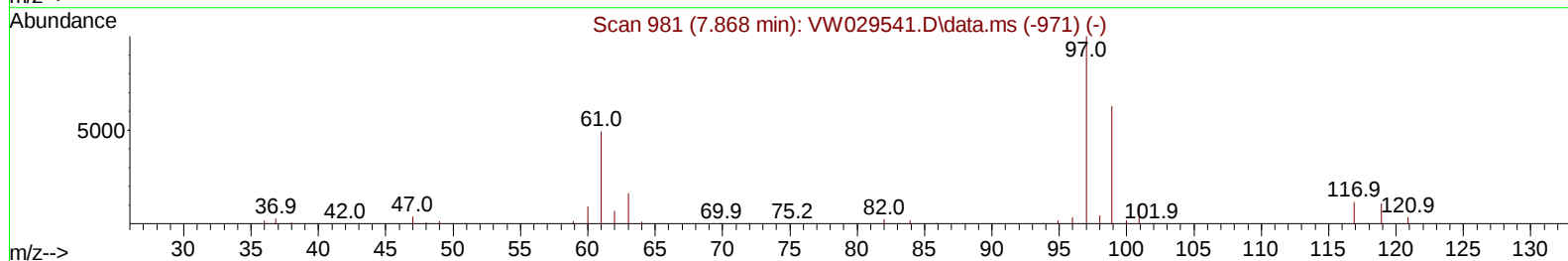
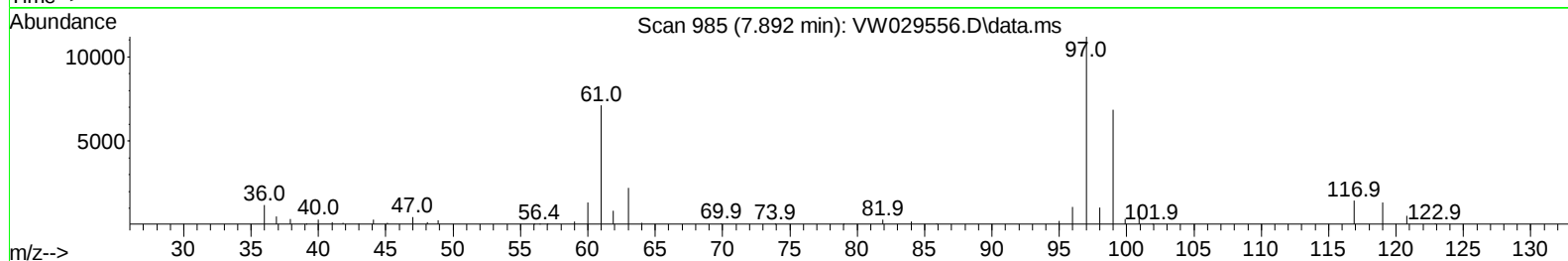
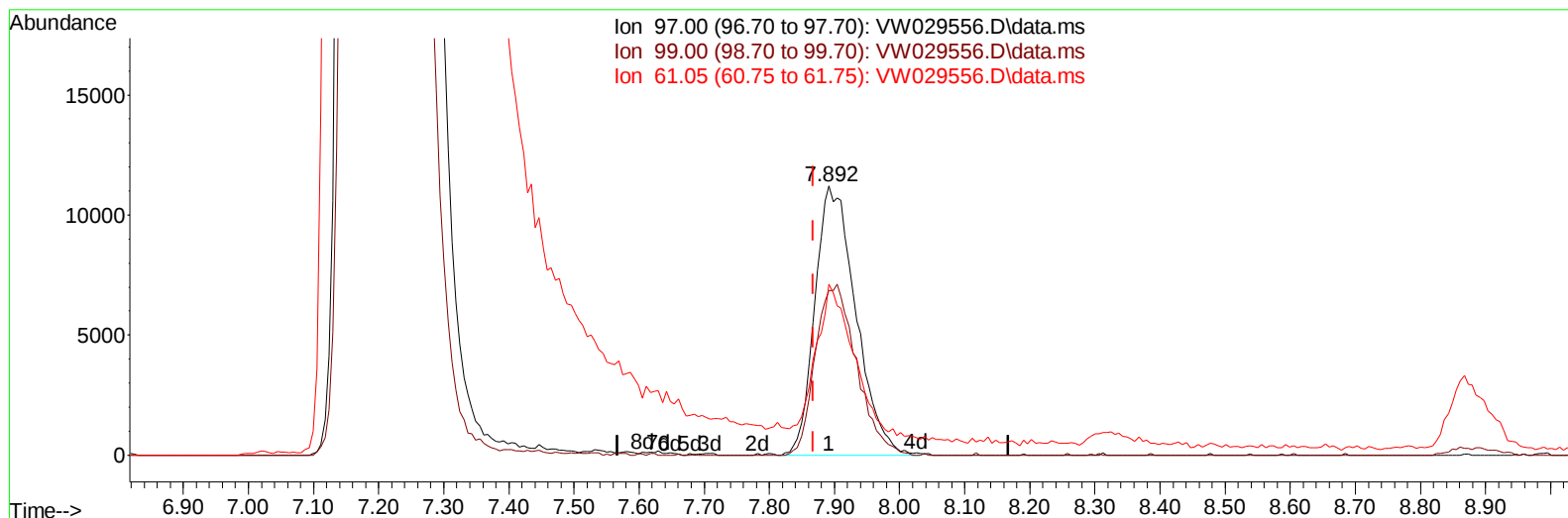
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(30) 1,1,1-Trichloroethane (T)

7.892min (+ 0.024) 9.50 ug/L m

response 48869

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.90	63.83
61.05	50.80	49.10
0.00	0.00	0.00

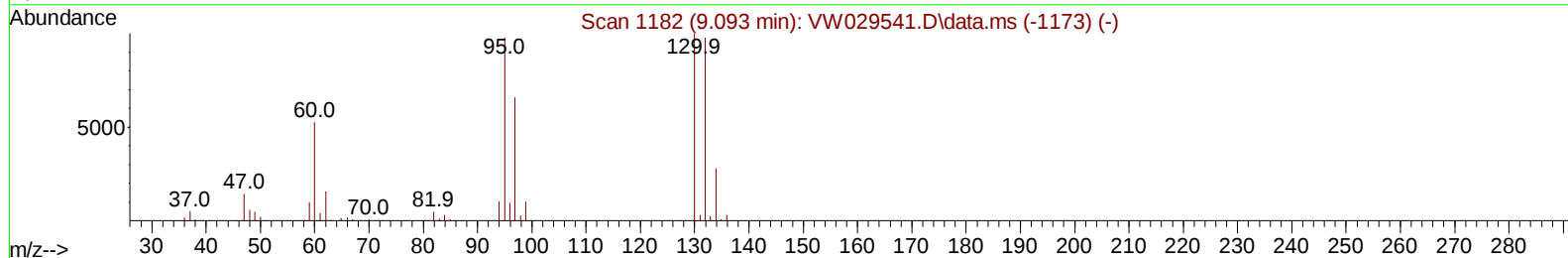
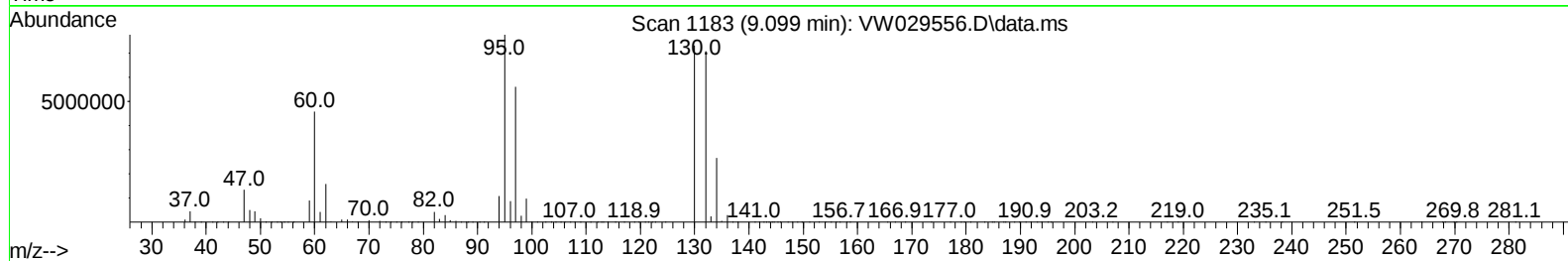
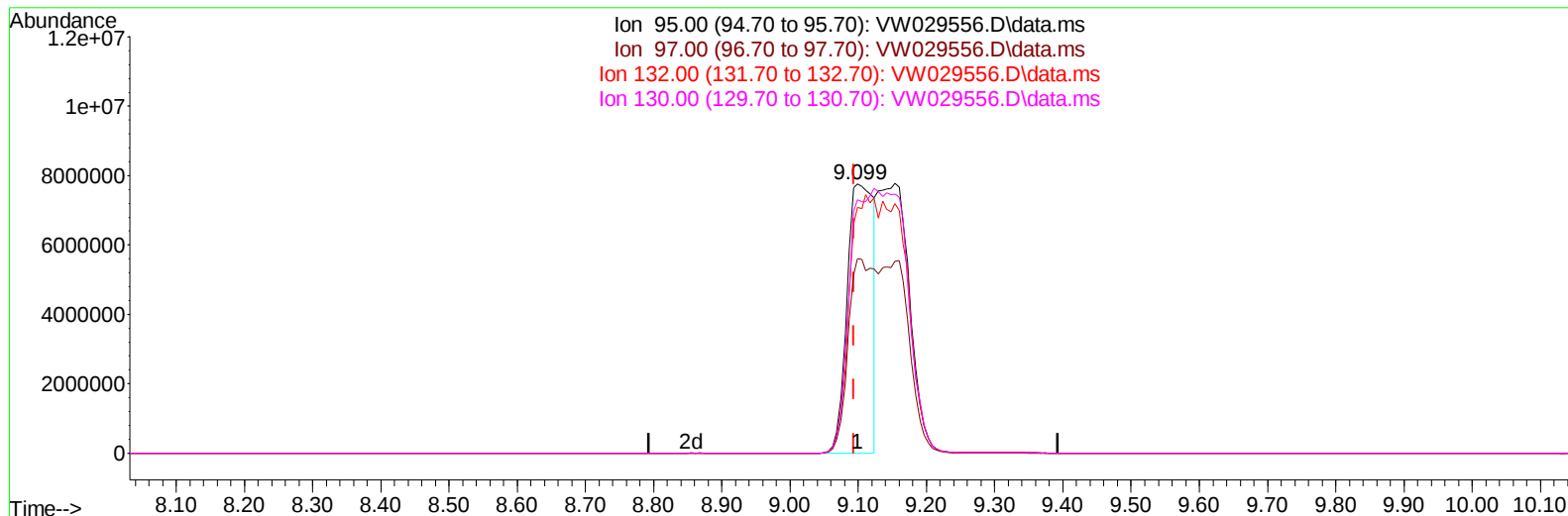
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(34) Trichloroethene (T)

9.099min (+ 0.006) 5621.65 ug/L

response 20918486

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	67.60	72.34
132.00	94.00	91.32
130.00	96.80	94.13

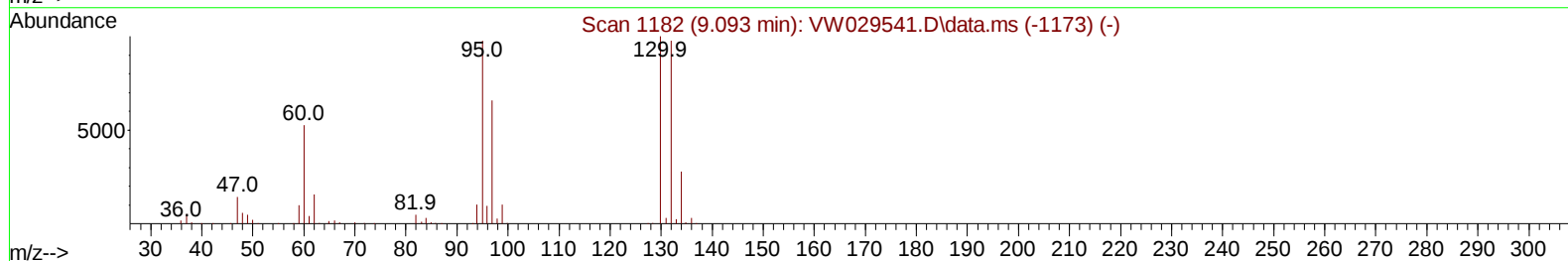
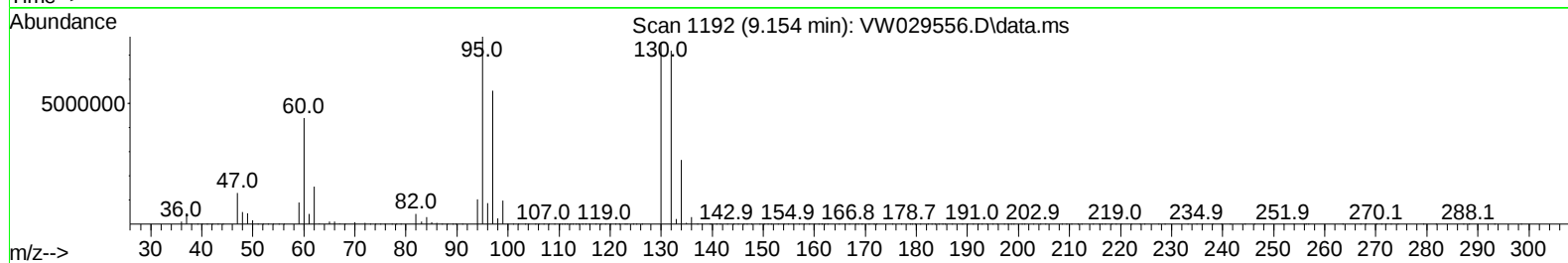
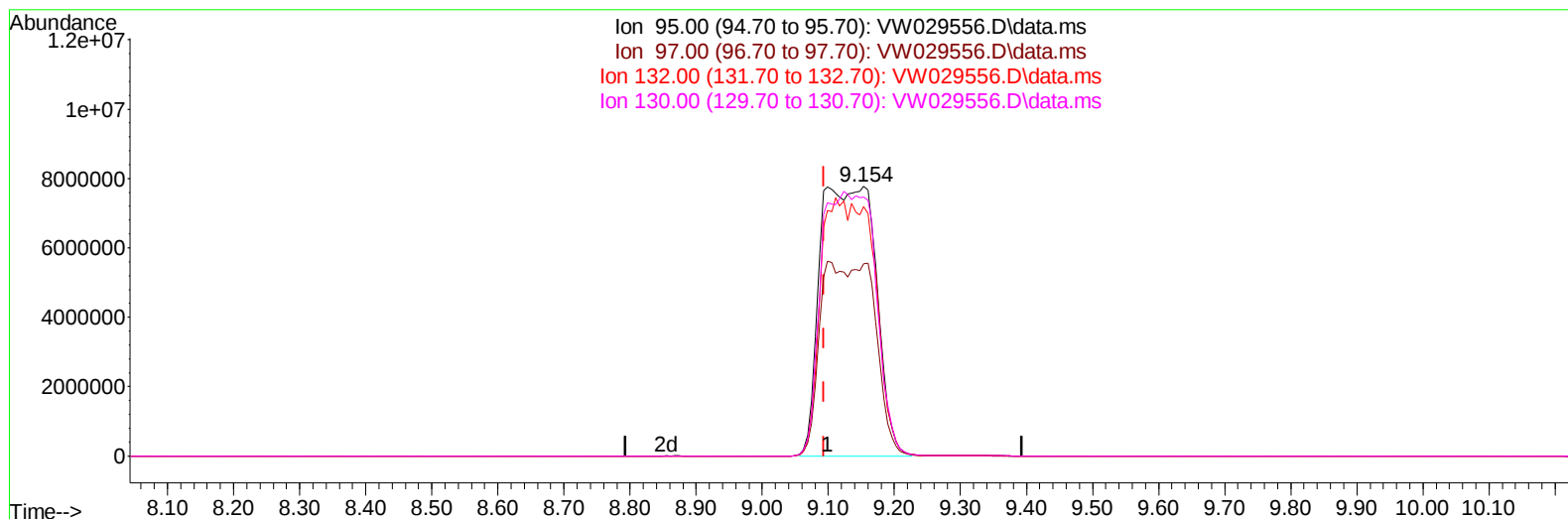
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(34) Trichloroethene (T)

9.154min (+ 0.061) 12207.86 ug/L m

response 45426149

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	67.60	71.28
132.00	94.00	92.61
130.00	96.80	96.17

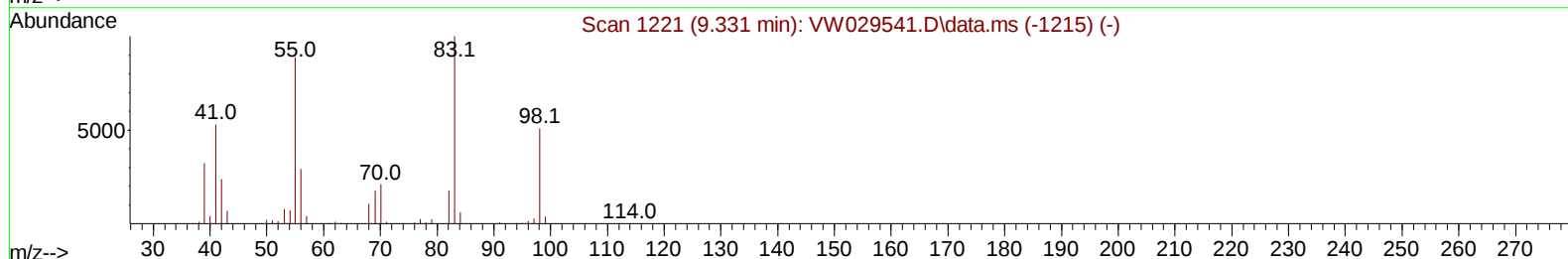
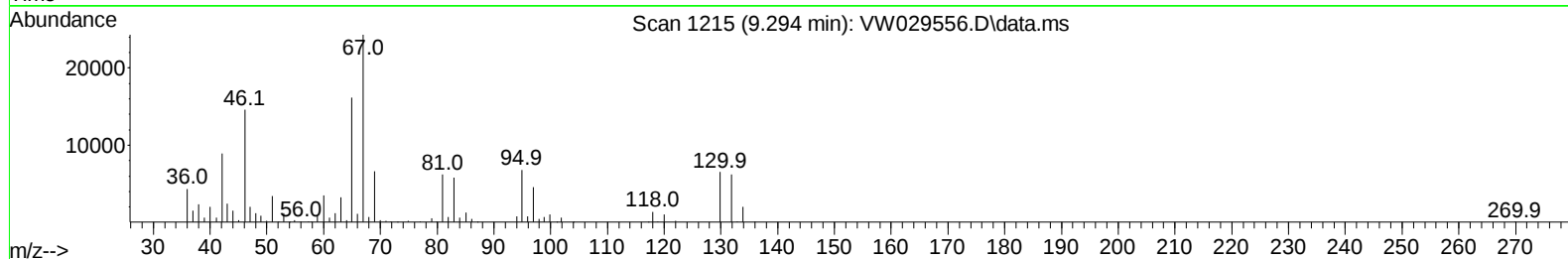
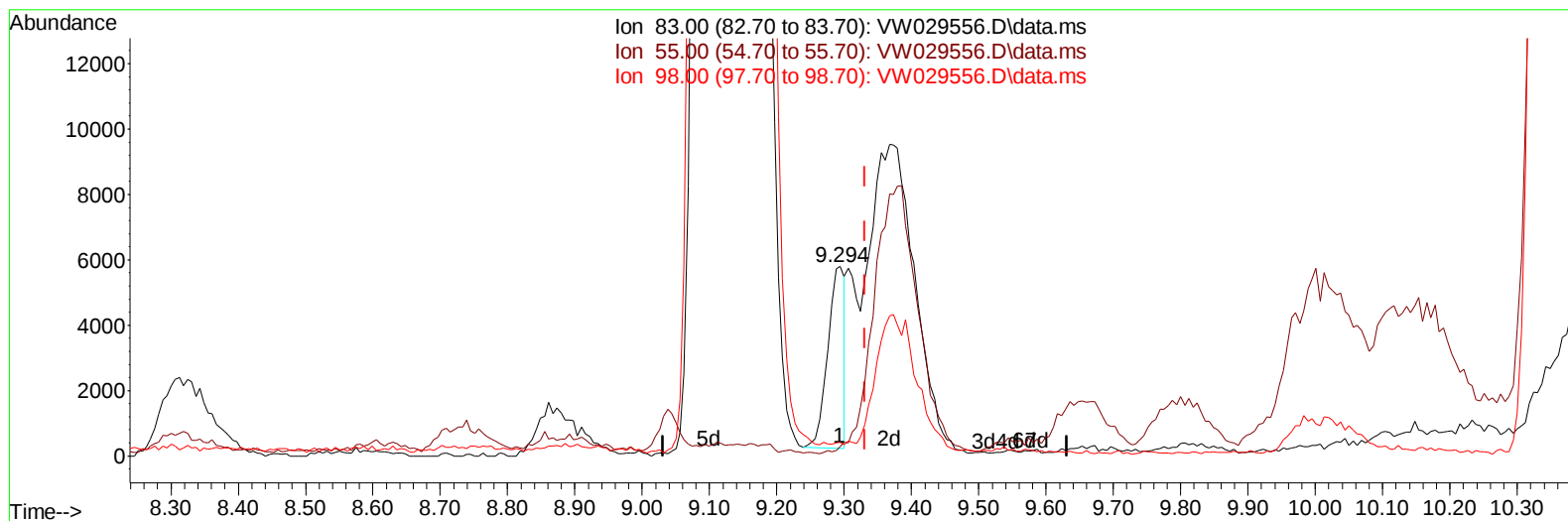
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Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(35) Methylcyclohexane (T)

9.294min (-0.037) 1.65 ug/L

response 9863

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	87.00	0.00#
98.00	47.90	0.50#
0.00	0.00	0.00

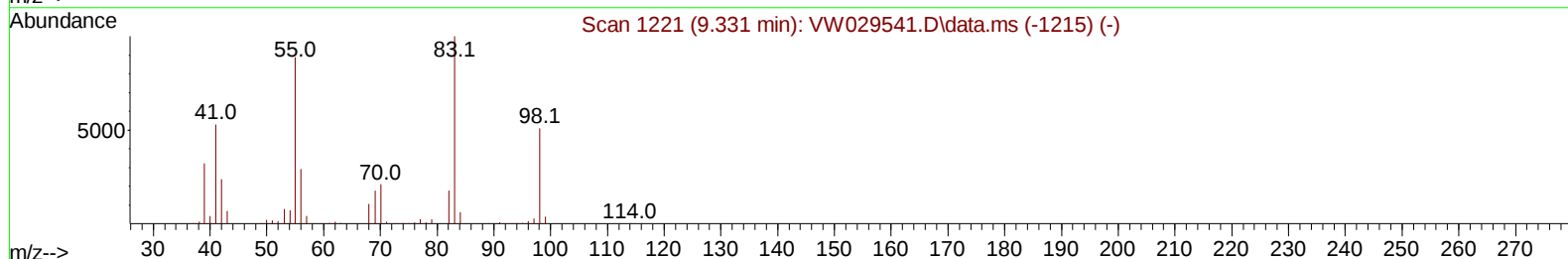
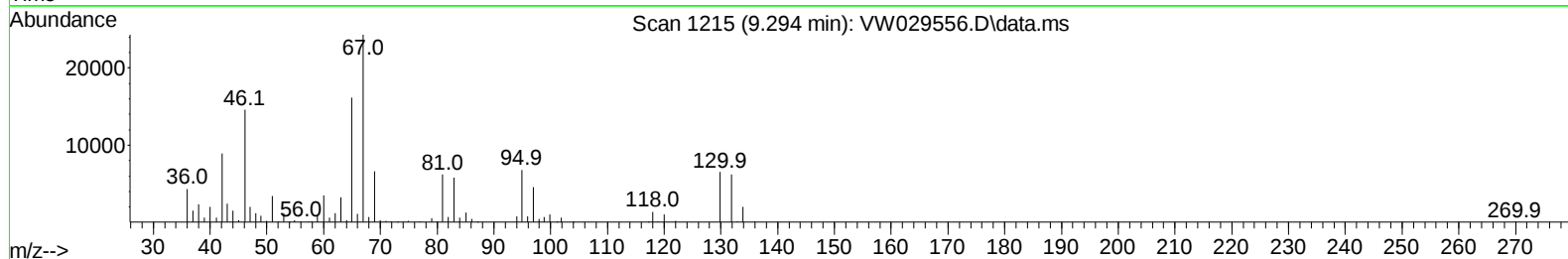
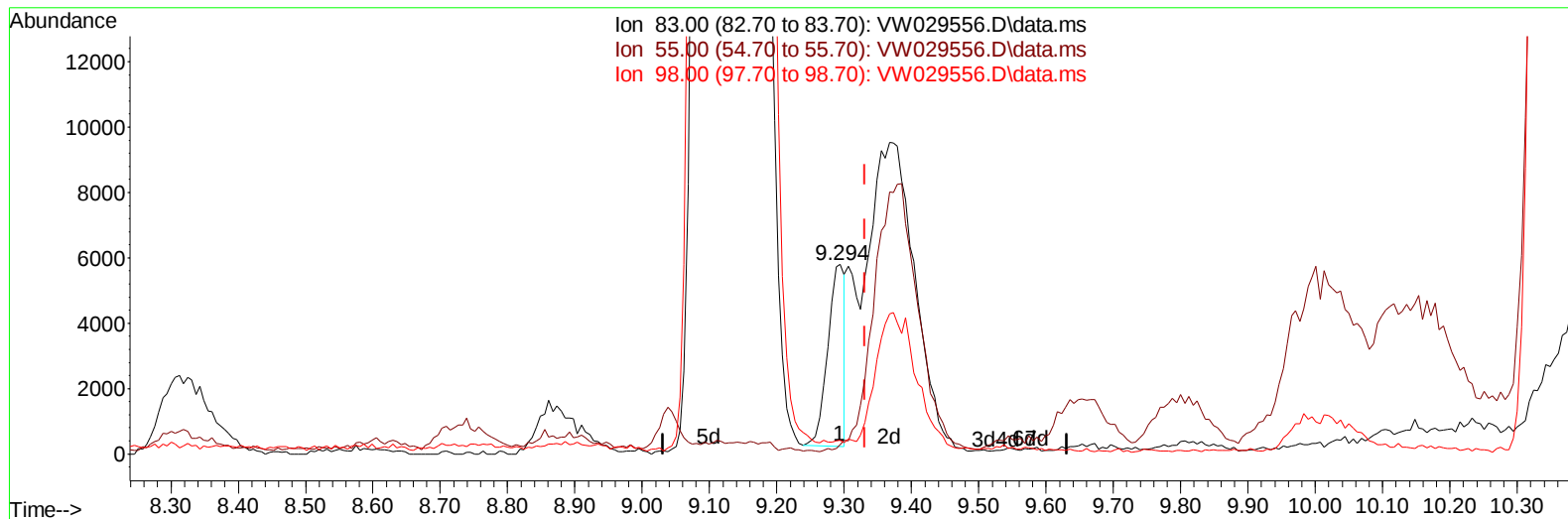
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(35) Methylcyclohexane (T)

9.294min (-0.037) 1.65 ug/L

response 9863

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	87.00	0.00#
98.00	47.90	0.50#
0.00	0.00	0.00

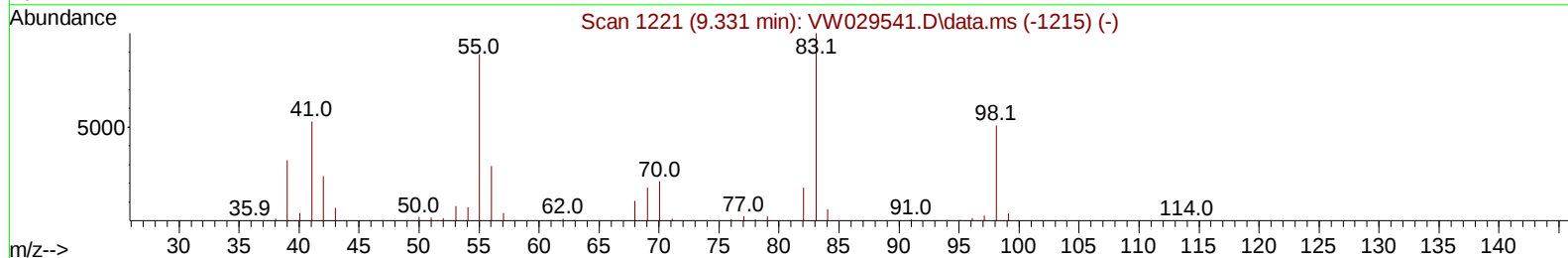
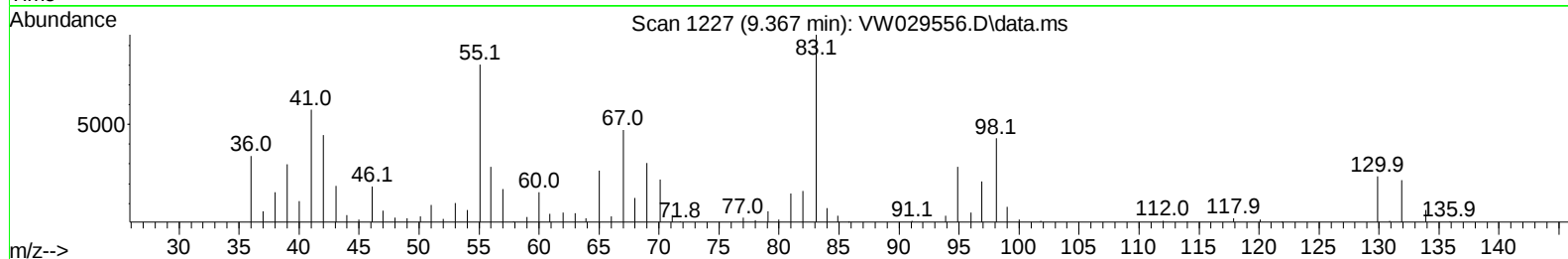
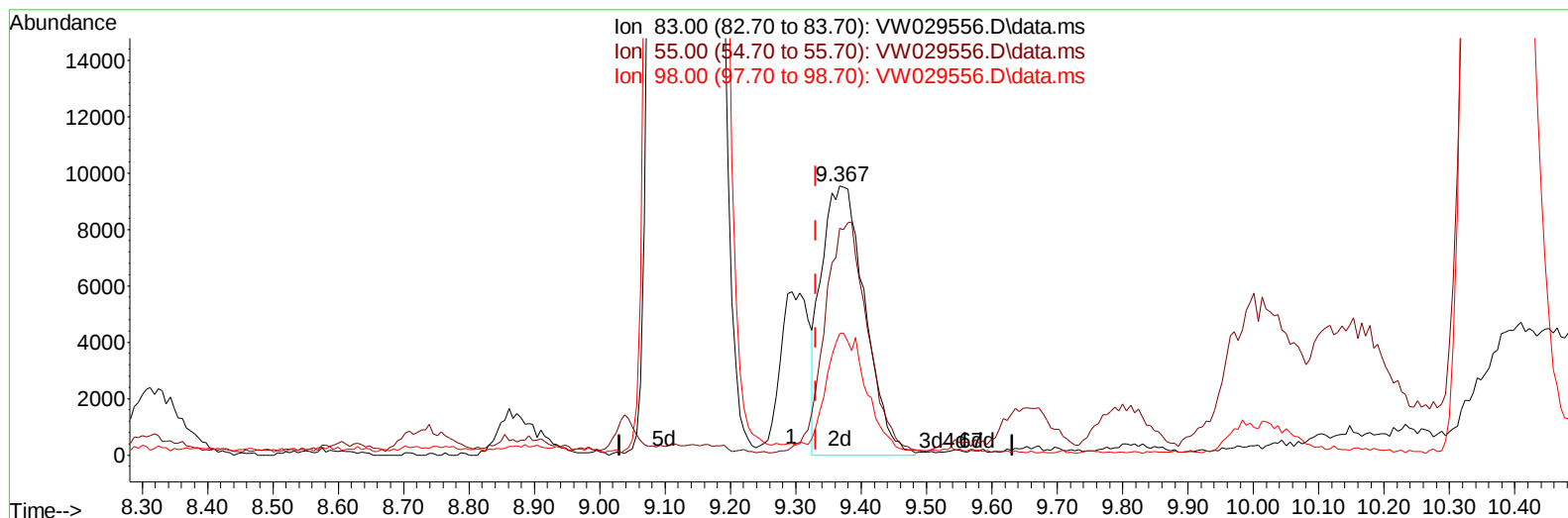
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029556.D
 Acq On : 12 Jul 2024 17:08
 Operator : SY/MD
 Sample : P3230-01
 Misc : 5.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB32

Manual IntegrationsAPPROVED

Quant Time: Jul 12 23:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VW029556.D\data.ms

(35) Methylcyclohexane (T)

9.367min (+ 0.036) 7.38 ug/L m

response 44110

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	87.00	0.00#
98.00	47.90	0.11#
0.00	0.00	0.00

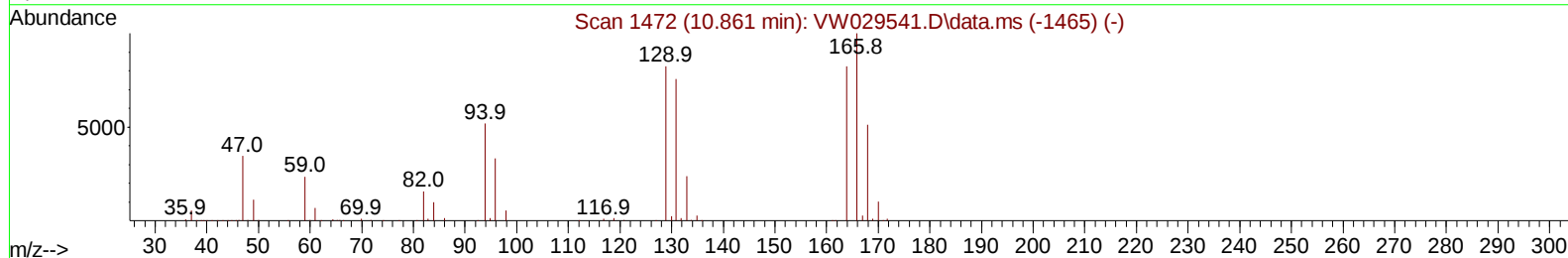
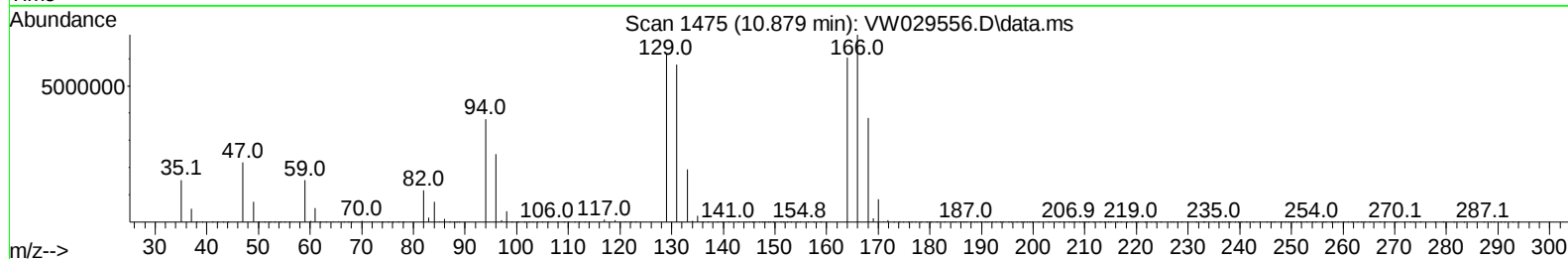
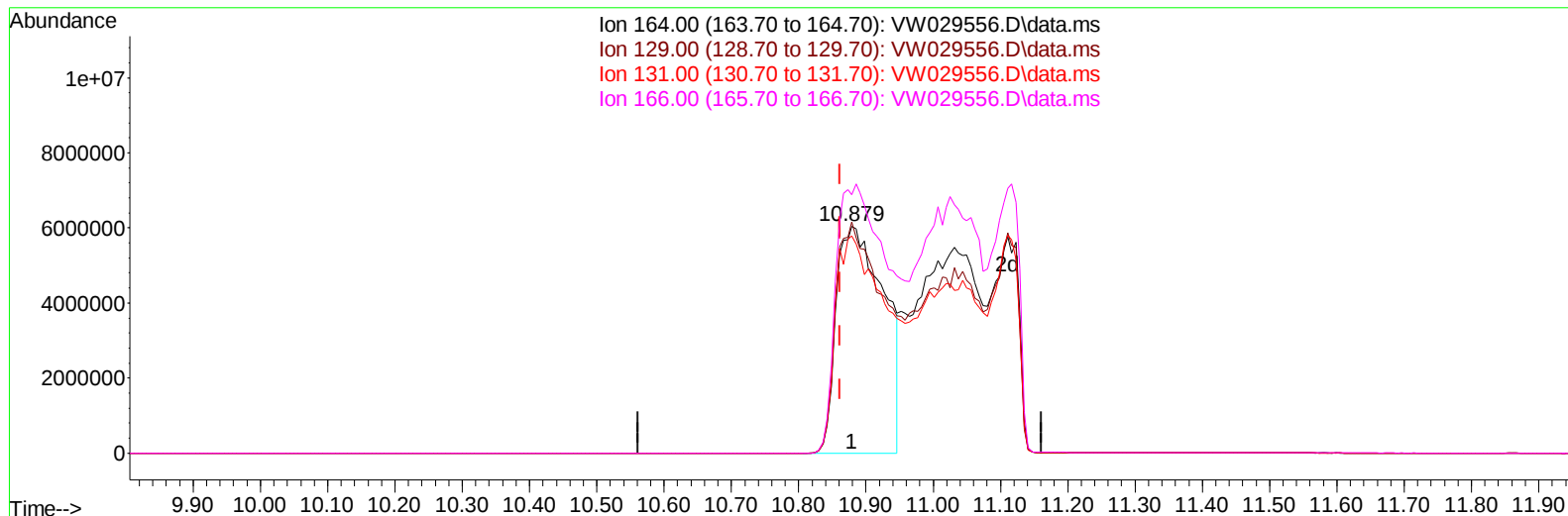
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration



TIC: VW029556.D\data.ms

(46) Tetrachloroethene (T)

10.879min (+ 0.018) 11248.69 ug/L

response 29737313

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	85.70	101.84
131.00	92.30	95.76
166.00	114.80	113.79

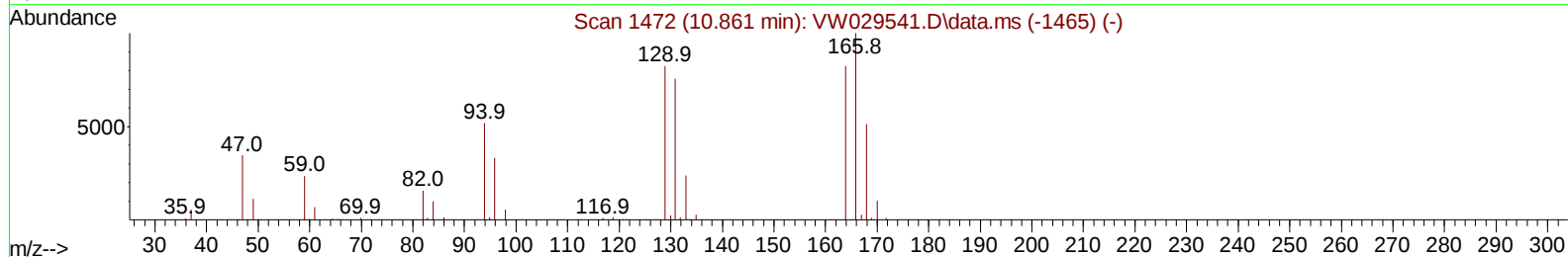
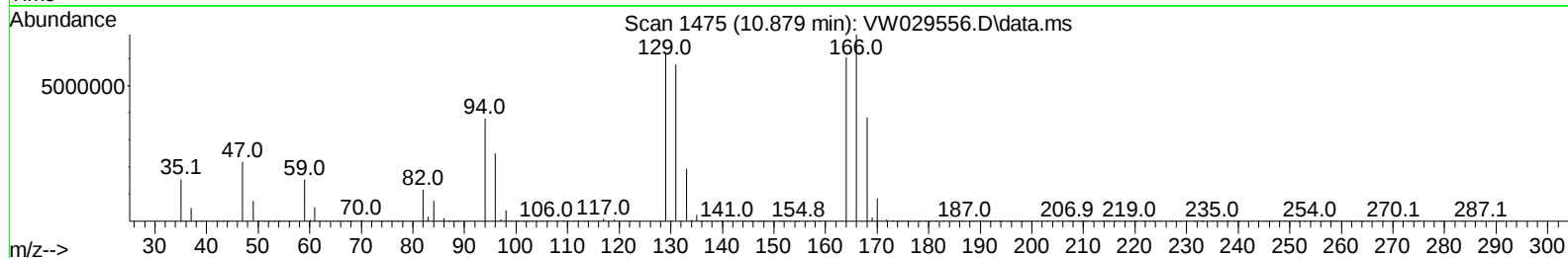
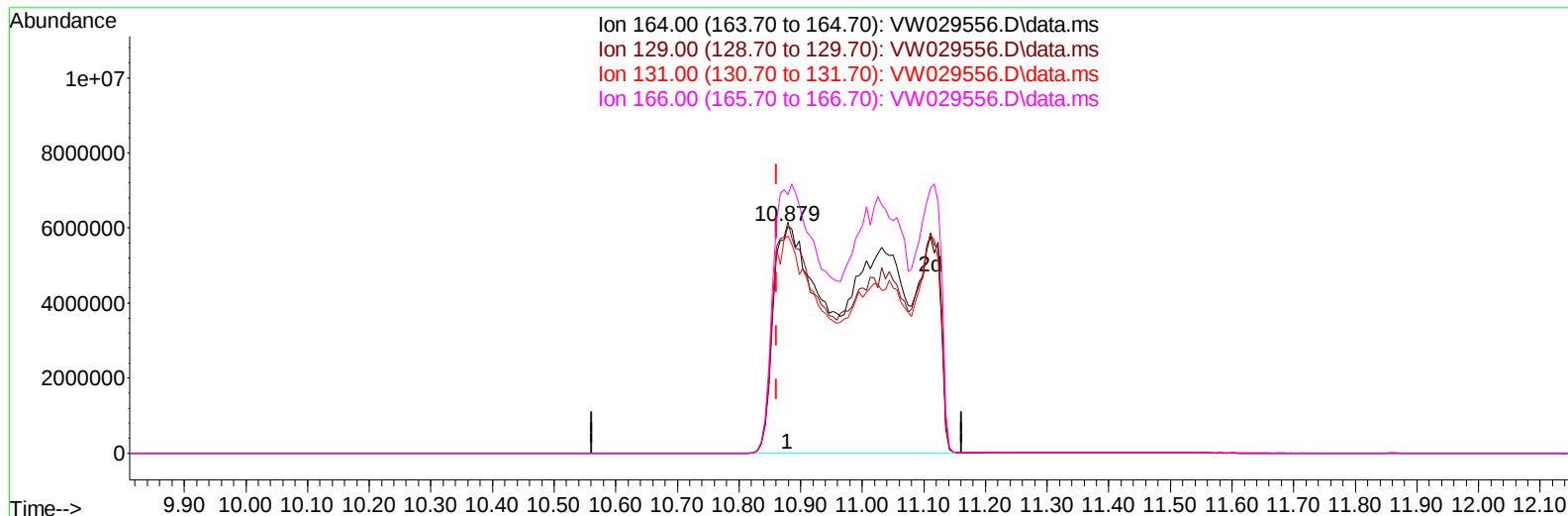
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
Acq On : 12 Jul 2024 17:08
Operator : SY/MD
Sample : P3230-01
Misc : 5.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB32

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration



TIC: VW029556.D\data.ms

(46) Tetrachloroethene (T)

10.879min (+ 0.018) 30757.95 ug/L m

response 81312484

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	85.70	101.84
131.00	92.30	95.76
166.00	114.80	113.79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029556.D
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 Misc : 5.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.873	114	330439	25.000	ug/L	# 0.03
28) Chlorobenzene-d5	11.666	117	225213	25.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	13.562	152	79433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	117232	21.962	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	87.840%	
7) Chloroethane-d5	2.905	69	69672	18.127	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	72.520%	
11) 1,1-Dichloroethene-d2	4.051	65	39401	16.437	ug/L	0.03
Spiked Amount 25.000	Range 45	- 110	Recovery	=	65.760%	
21) 2-Butanone-d5	7.087	46	48027m	29.972	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	59.940%	
24) Chloroform-d	7.672	84	158967	16.641	ug/L	0.02
Spiked Amount 25.000	Range 40	- 150	Recovery	=	66.560%	
26) 1,2-Dichloroethane-d4	8.319	65	105997m	18.917	ug/L	0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	75.680%	
32) Benzene-d6	8.300	84	305516	22.645	ug/L	0.02
Spiked Amount 25.000	Range 20	- 135	Recovery	=	90.560%	
36) 1,2-Dichloropropane-d6	9.300	67	100966	23.406	ug/L	0.03
Spiked Amount 25.000	Range 70	- 120	Recovery	=	93.640%	
41) Toluene-d8	10.349	98	269643	22.726	ug/L	0.03
Spiked Amount 25.000	Range 30	- 130	Recovery	=	90.920%	
43) trans-1,3-Dichloroprop...	10.586	79	45154	24.719	ug/L	0.01
Spiked Amount 25.000	Range 30	- 135	Recovery	=	98.880%	
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.696	84	83146	23.740	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	94.960%	
66) 1,2-Dichlorobenzene-d4	13.860	152	48948	17.694	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	70.760%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	2.374	62	3297266	667.396	ug/L	94
12) 1,1-Dichloroethene	4.069	96	98016	23.852	ug/L	94
13) Acetone	4.130	43	28892	17.864	ug/L	67
16) Methylene chloride	4.953	84	19006	3.213	ug/L	96
17) trans-1,2-Dichloroethene	5.472	96	160676	35.320	ug/L	96
19) 1,1-Dichloroethane	6.252	63	39371	4.214	ug/L	94
20) cis-1,2-Dichloroethene	7.166	96	53943616m	10844.148	ug/L	
30) 1,1,1-Trichloroethane	7.892	97	48869m	9.502	ug/L	
34) Trichloroethene	9.154	95	45426149m	12207.861	ug/L	
35) Methylcyclohexane	9.367	83	44110m	7.375	ug/L	
42) Toluene	10.404	91	10035627	696.174	ug/L	100
46) Tetrachloroethene	10.879	164	81312484m	30757.951	ug/L	
52) Ethylbenzene	11.757	91	694575	42.528	ug/L	100
53) m,p-Xylene	11.861	106	1600293	266.913	ug/L	99
54) o-Xylene	12.184	106	593221	106.975	ug/L	100
60) Isopropylbenzene	12.476	105	57741	5.166	ug/L	98
62) 1,3,5-Trimethylbenzene	12.946	105	199809	25.133	ug/L	100
63) 1,2,4-Trimethylbenzene	13.257	105	245888	28.024	ug/L	100

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Quant Time: Jul 12 23:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
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