

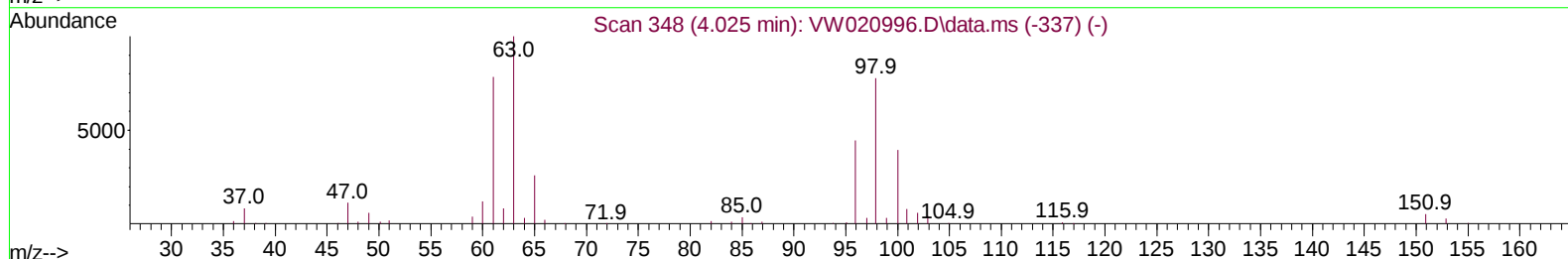
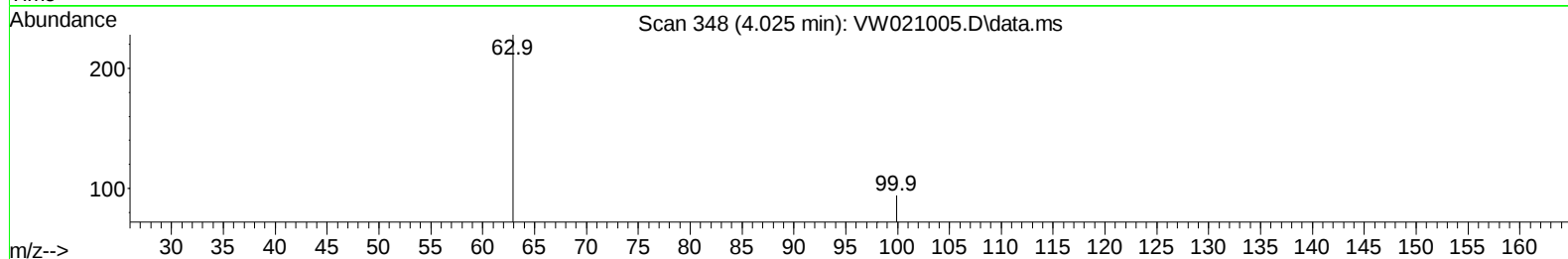
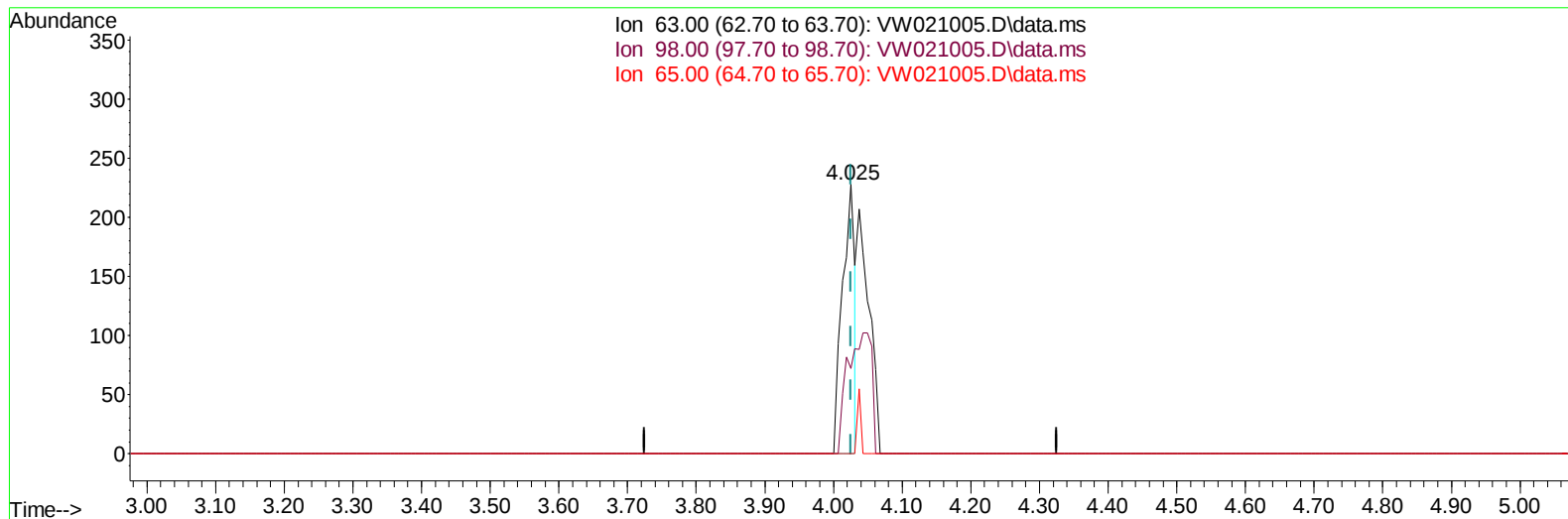
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021005.D
Acq On : 01 Dec 2021 16:34
Operator : SY/VA
Sample : M4868-11
Misc : 6.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:58:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM11521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration



TIC: VW021005.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.025min (-0.000) 10.20 ug/L

response 290

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	65.80	0.00#
65.00	22.30	0.00#
0.00	0.00	0.00

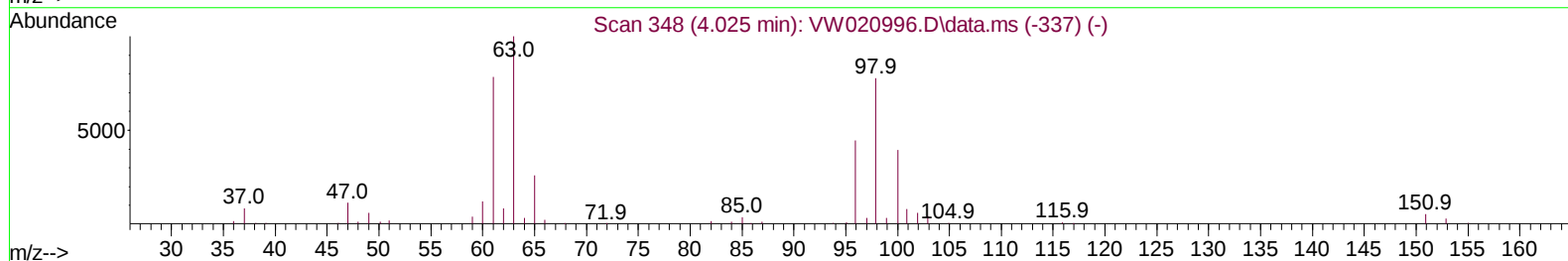
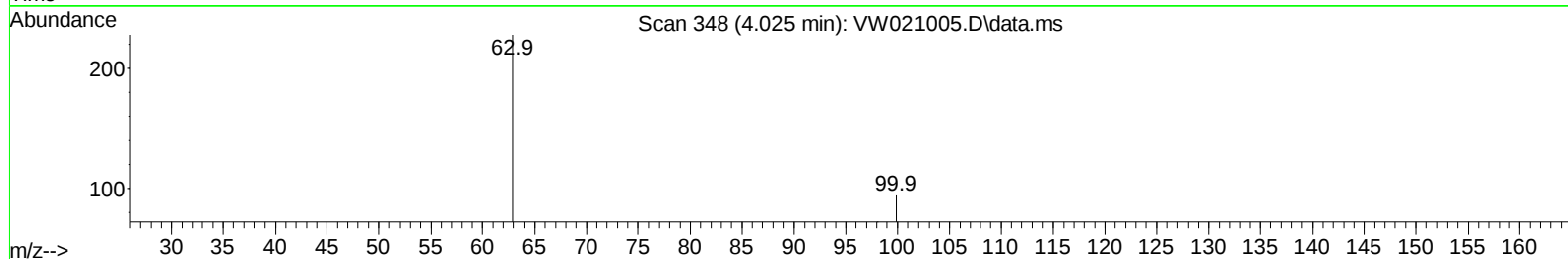
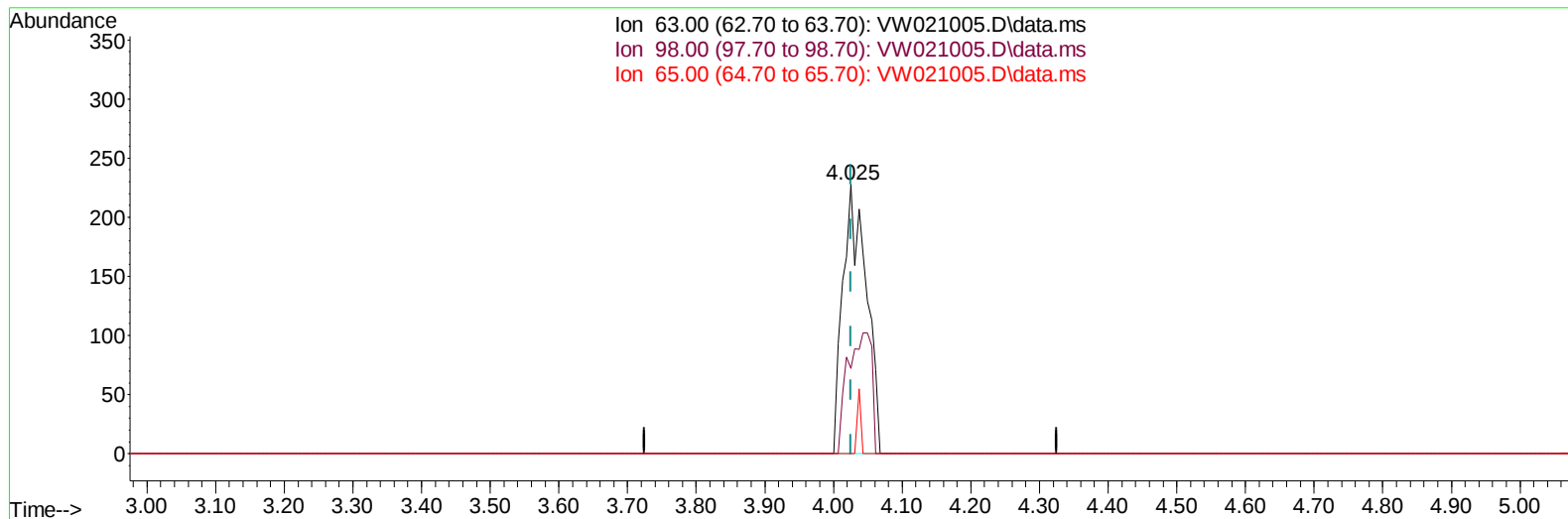
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 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM11521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.025min (-0.000) 19.10 ug/L m

response 543

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	65.80	0.00#
65.00	22.30	0.00#
0.00	0.00	0.00

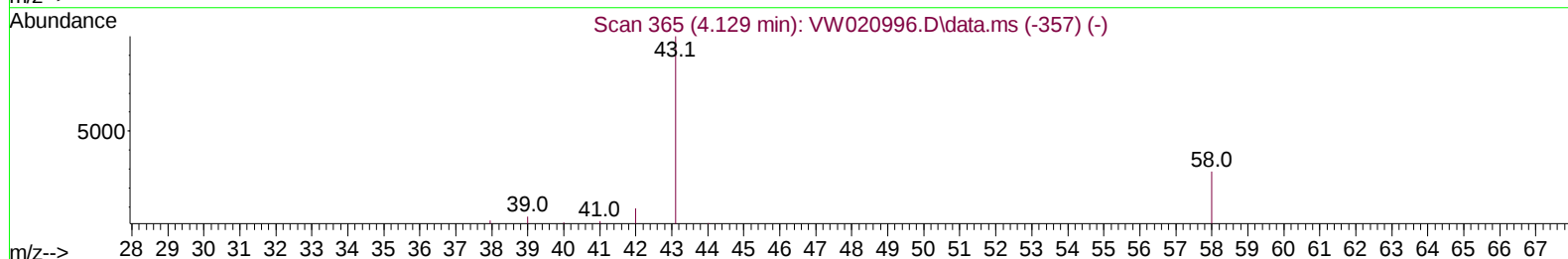
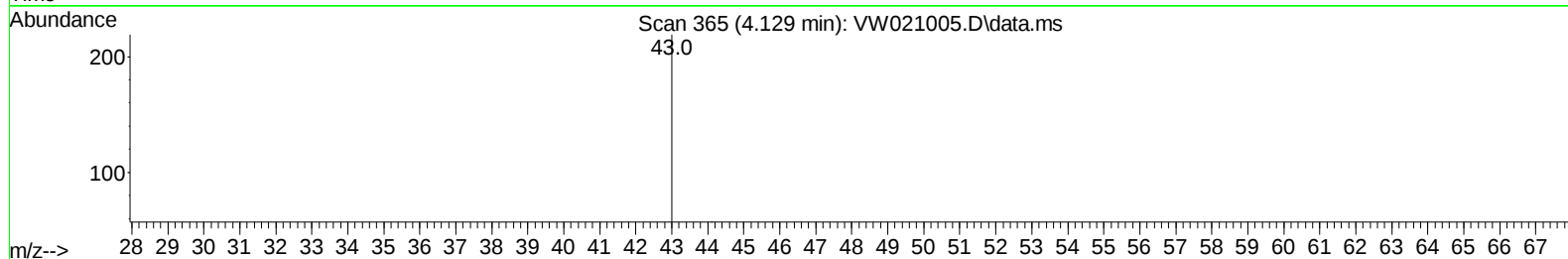
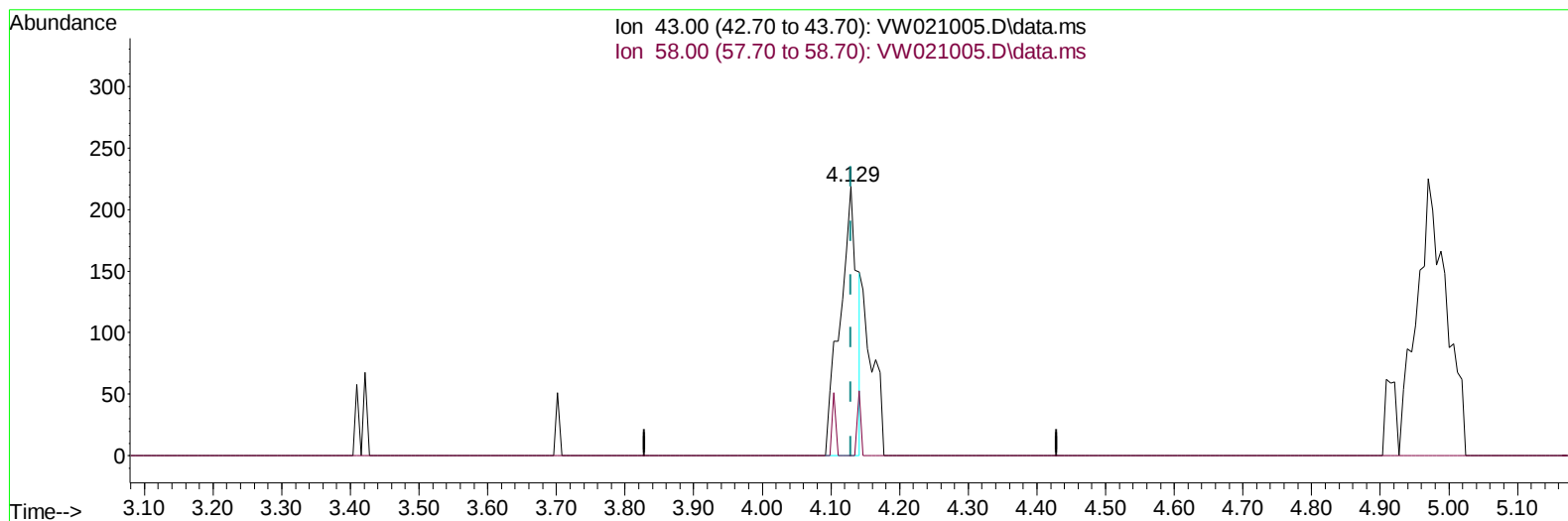
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

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Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration



TIC: VW021005.D\data.ms

(13) Acetone (T)

4.129min (-0.000) 117.25 ug/L

response 384

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	26.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

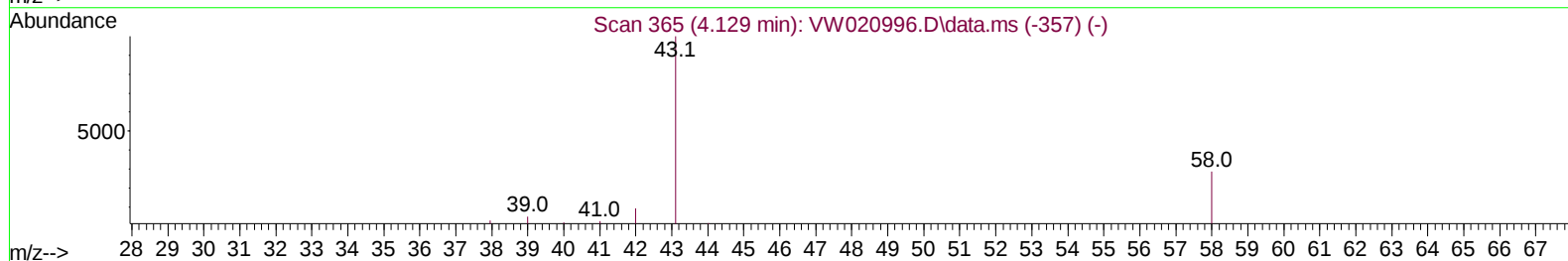
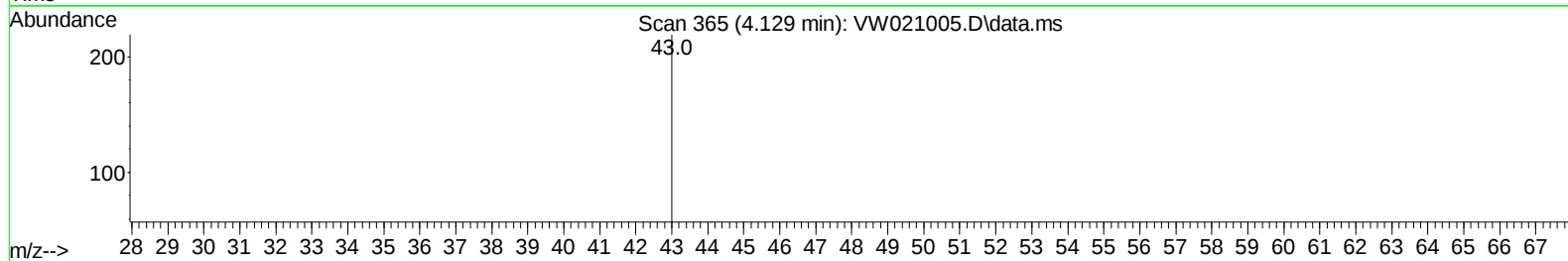
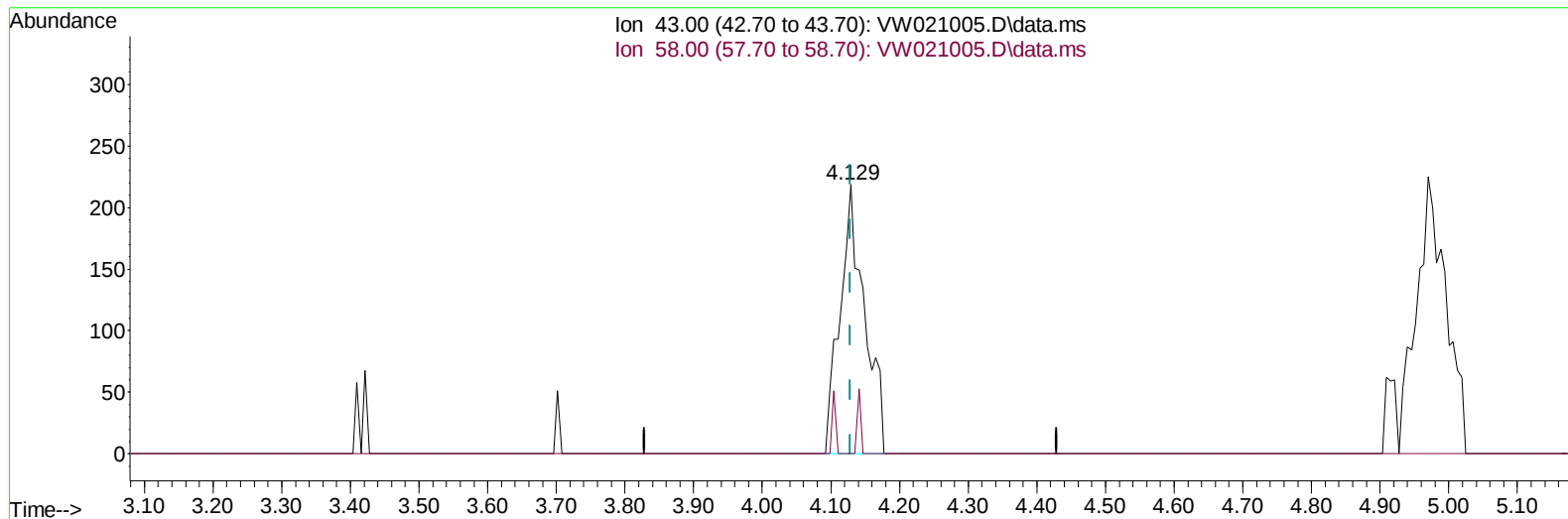
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021005.D
Acq On : 01 Dec 2021 16:34
Operator : SY/VA
Sample : M4868-11
Misc : 6.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:58:52 2021
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Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration



TIC: VW021005.D\data.ms

(13) Acetone (T)

4.129min (-0.000) 166.10 ug/L m

response 544

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	26.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

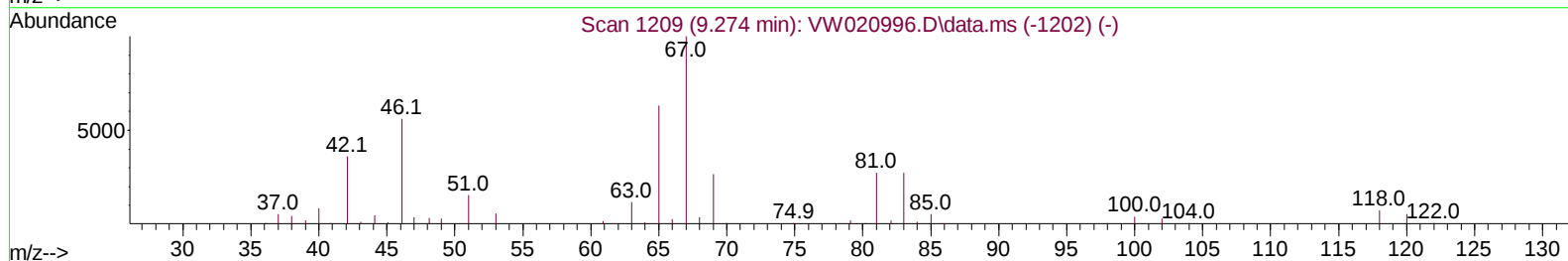
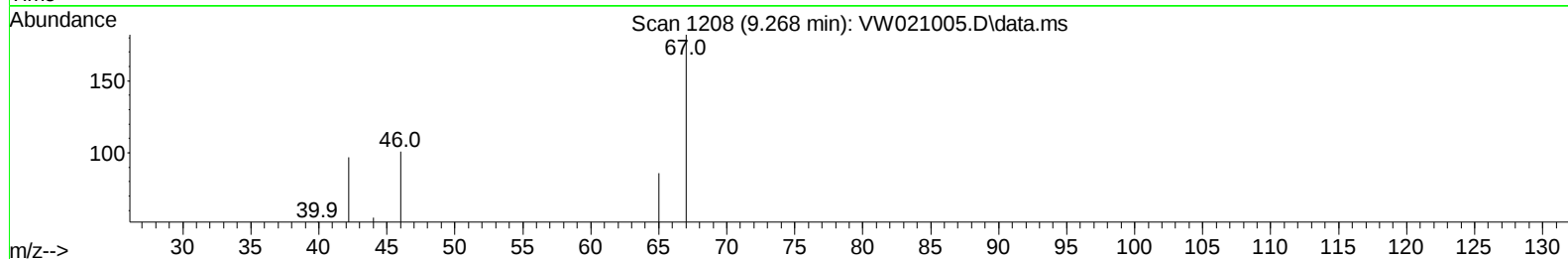
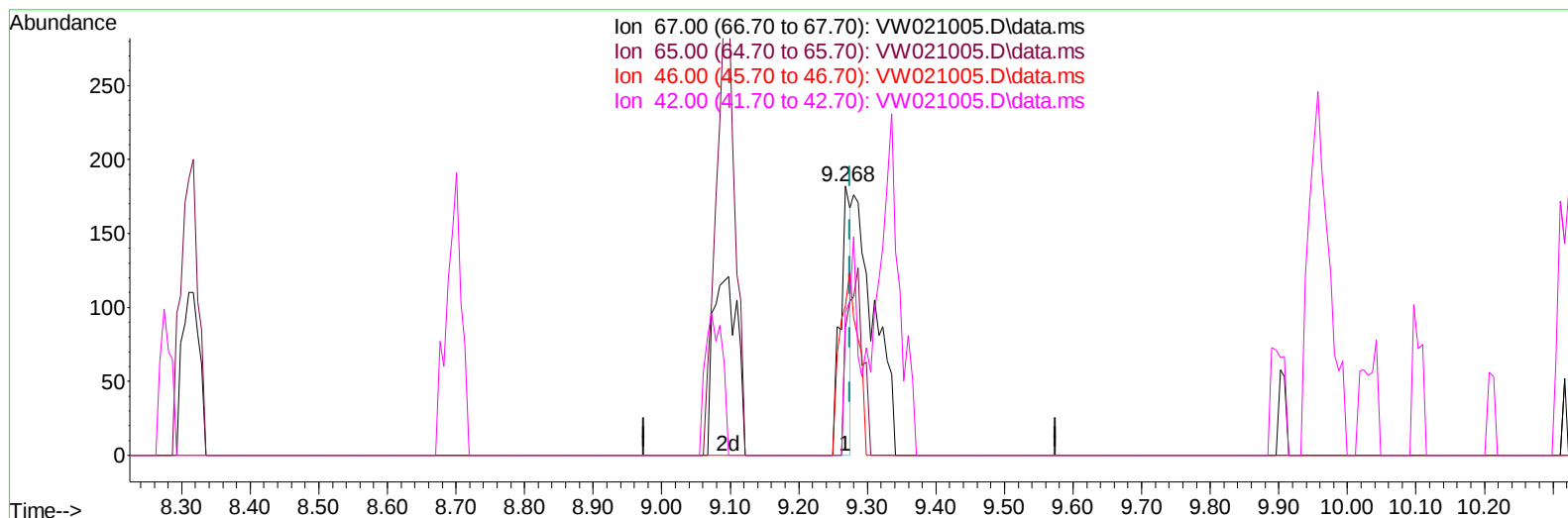
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
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Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

9.268min (-0.006) 19.52 ug/L

response 191

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	65.00	104.71#
46.00	61.60	119.90#
42.00	38.80	90.05#

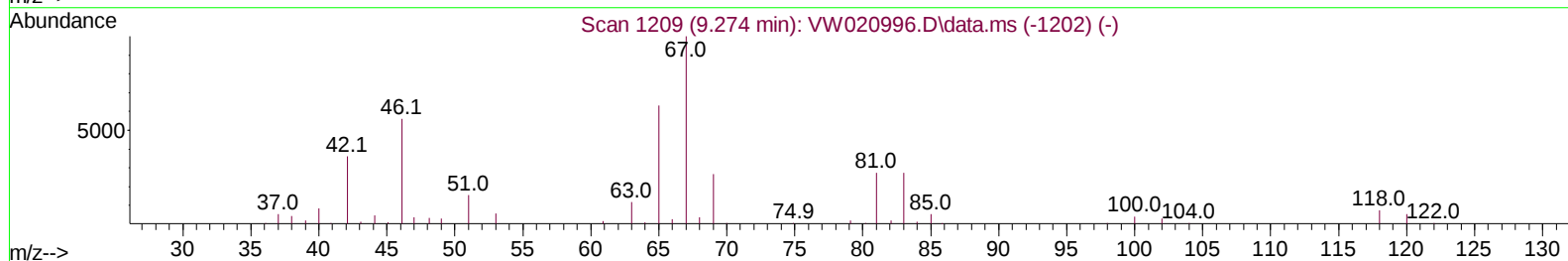
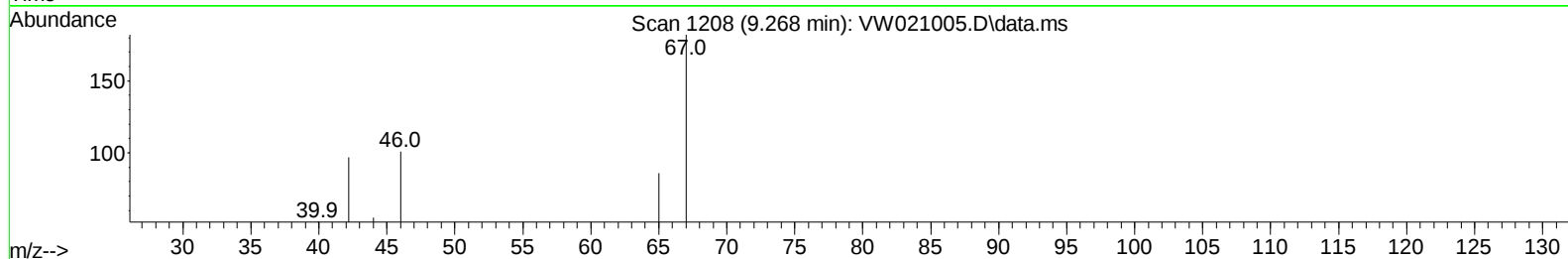
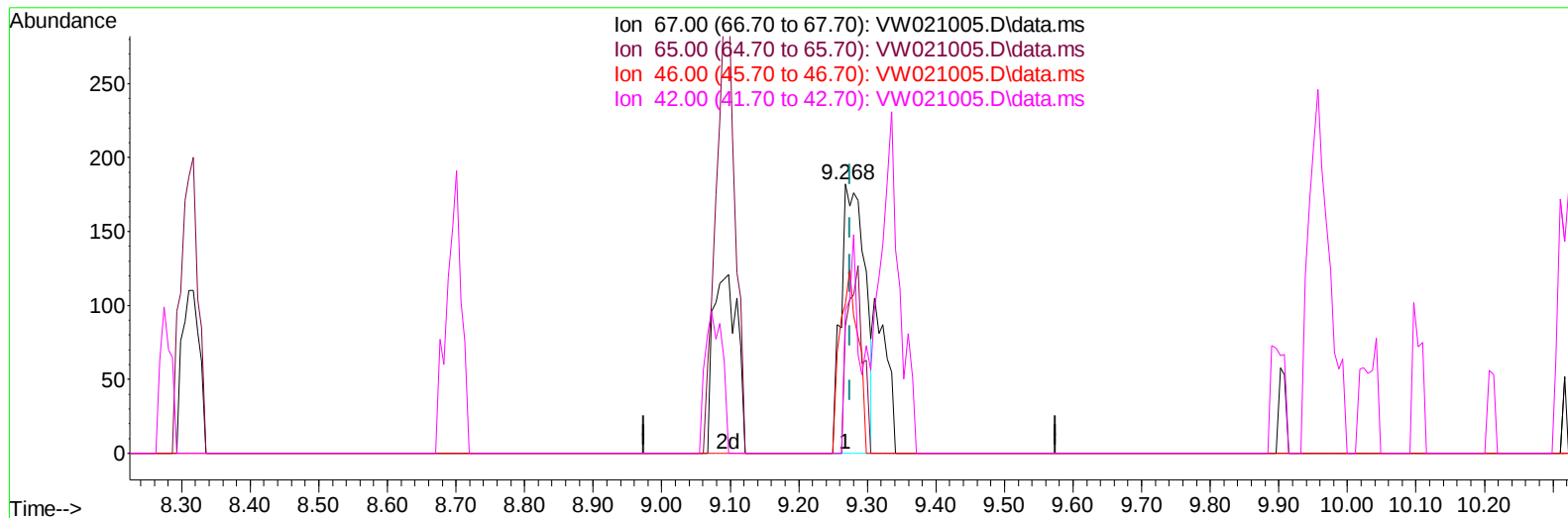
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 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

9.268min (-0.006) 45.07 ug/L m

response 441

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	65.00	45.35#
46.00	61.60	51.93
42.00	38.80	39.00

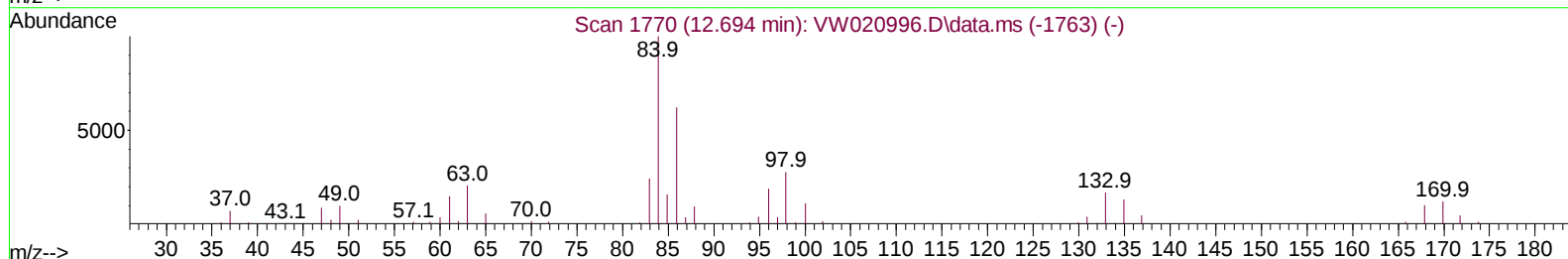
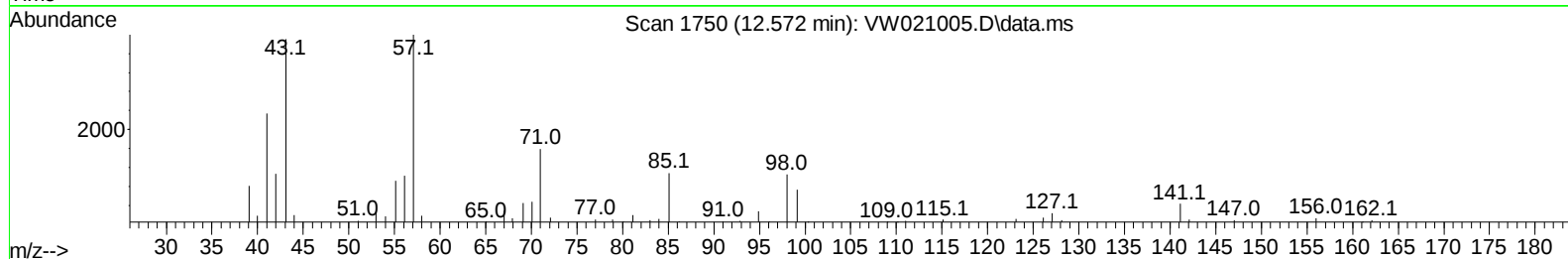
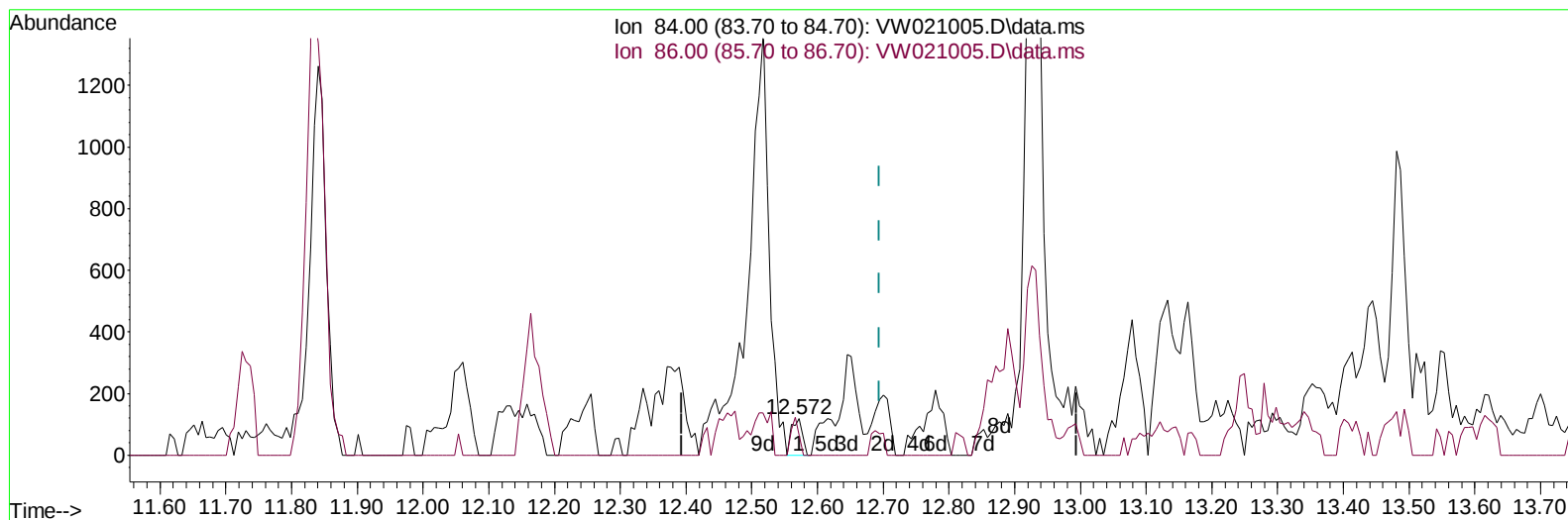
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 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
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Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

12.572min (-0.122) 17.88 ug/L

response 134

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.90	74.63
0.00	0.00	0.00
0.00	0.00	0.00

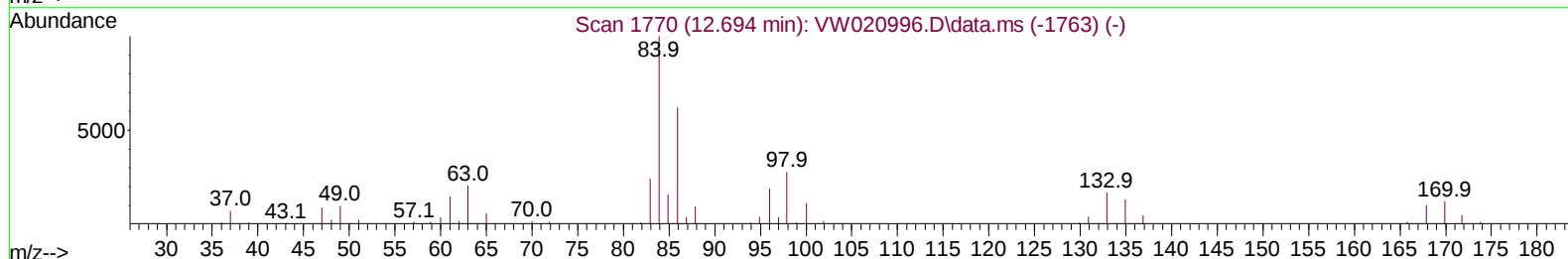
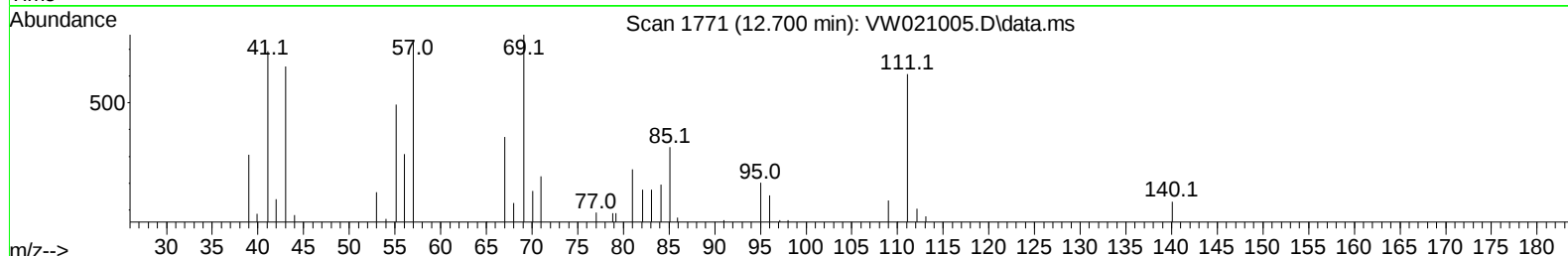
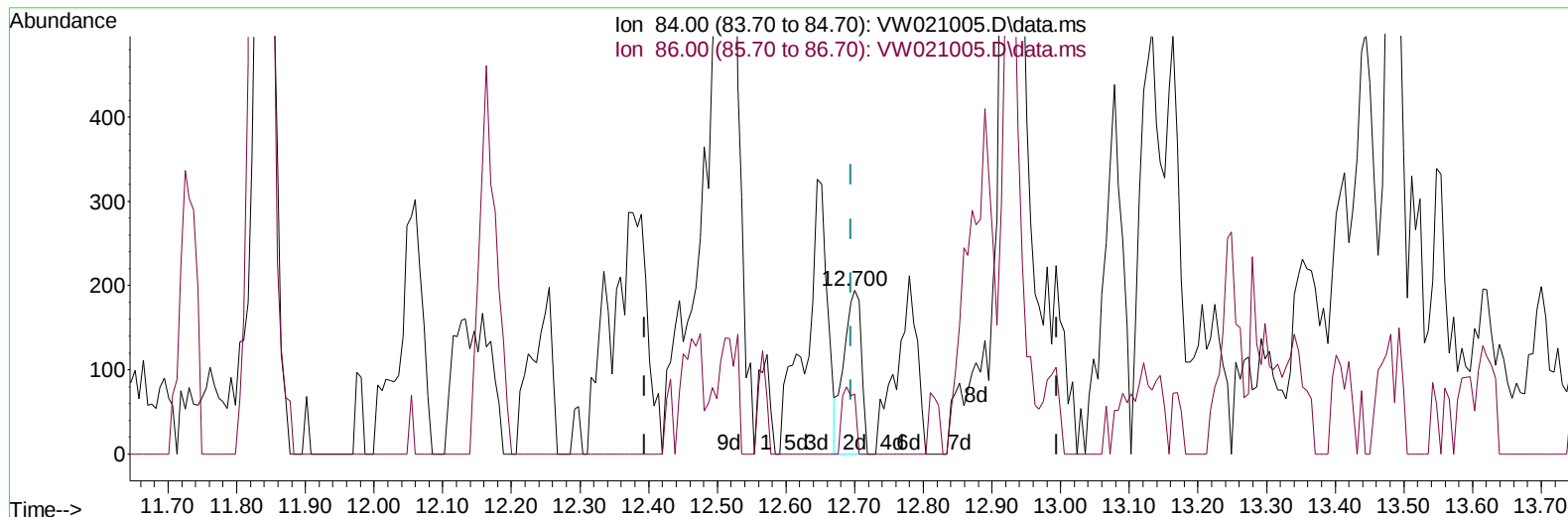
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 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM11521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

12.700min (+ 0.006) 46.29 ug/L m

response 347

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.90	28.82#
0.00	0.00	0.00
0.00	0.00	0.00

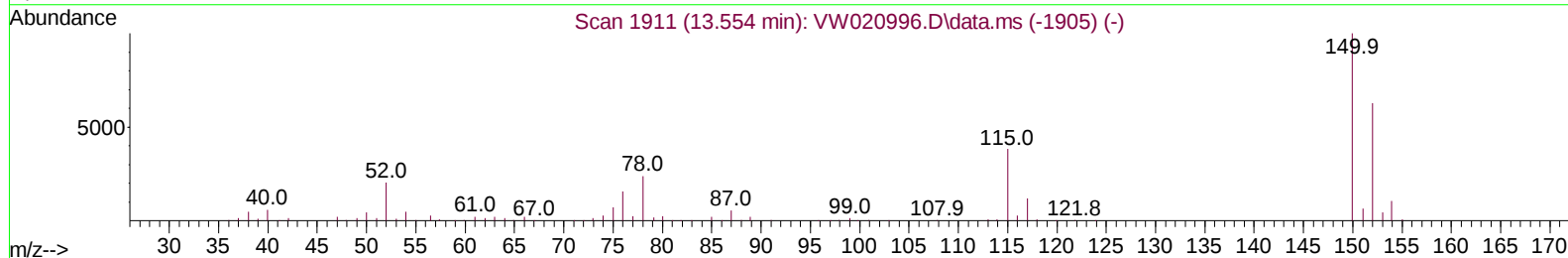
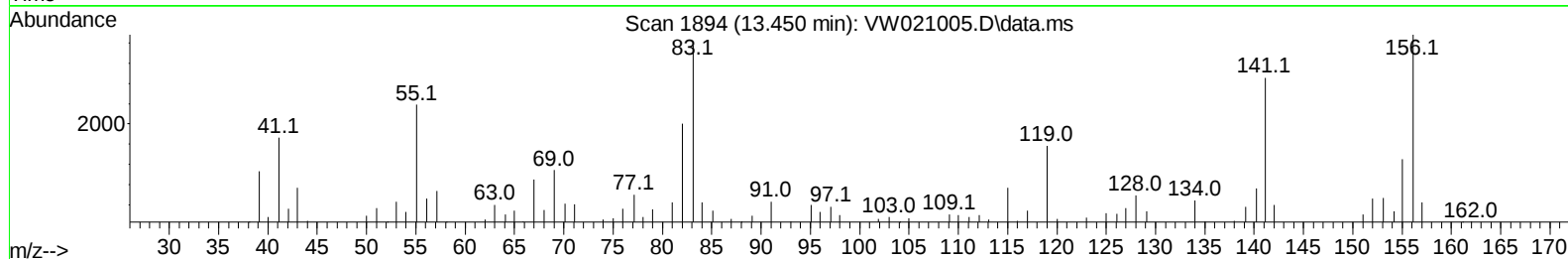
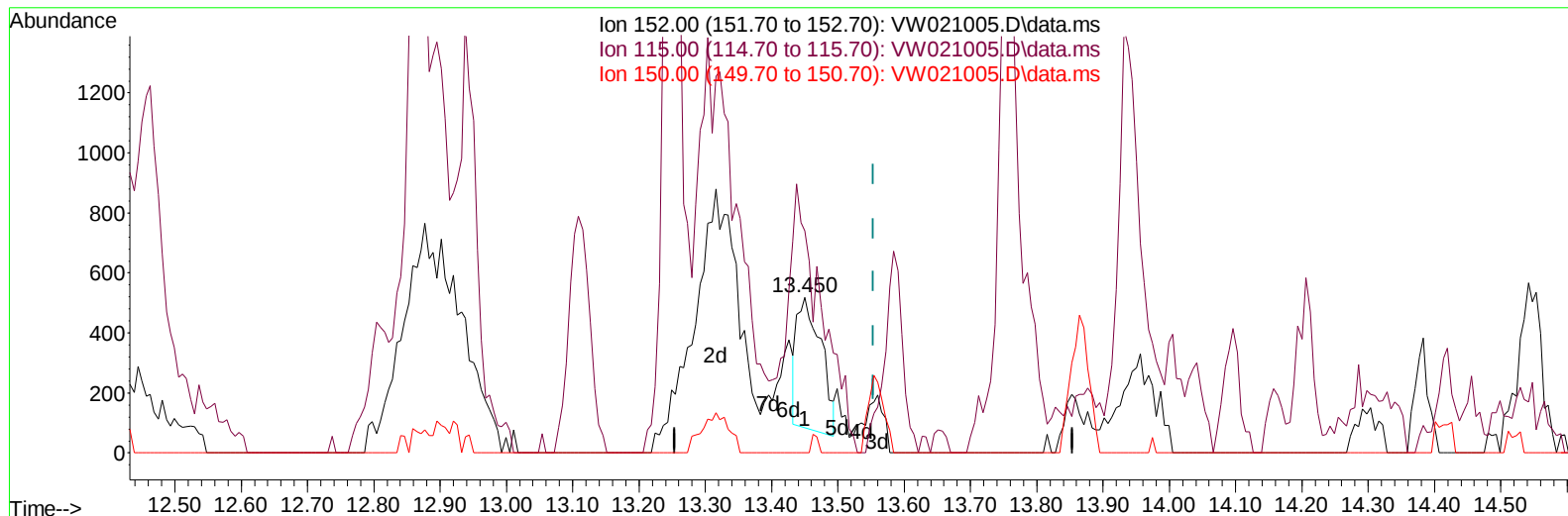
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 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration



TIC: VW021005.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.450min (-0.104) 25.00 ug/L

response 1102

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	63.00	105.72
150.00	172.50	3.90
0.00	0.00	0.00

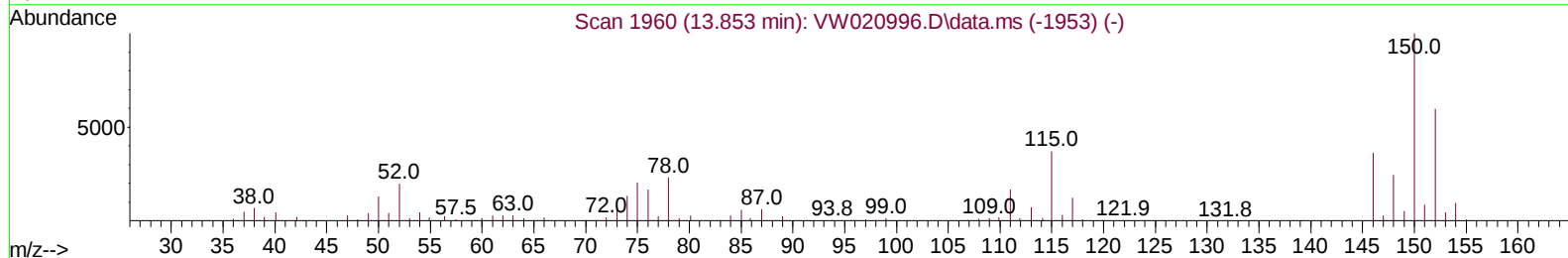
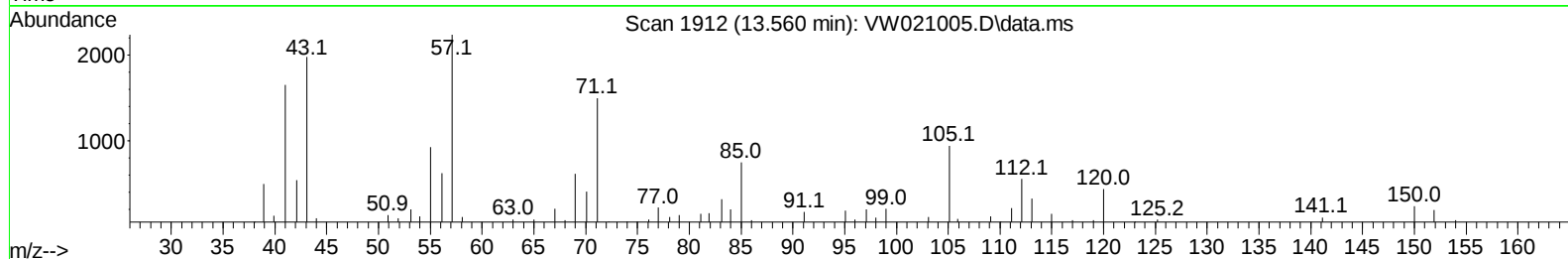
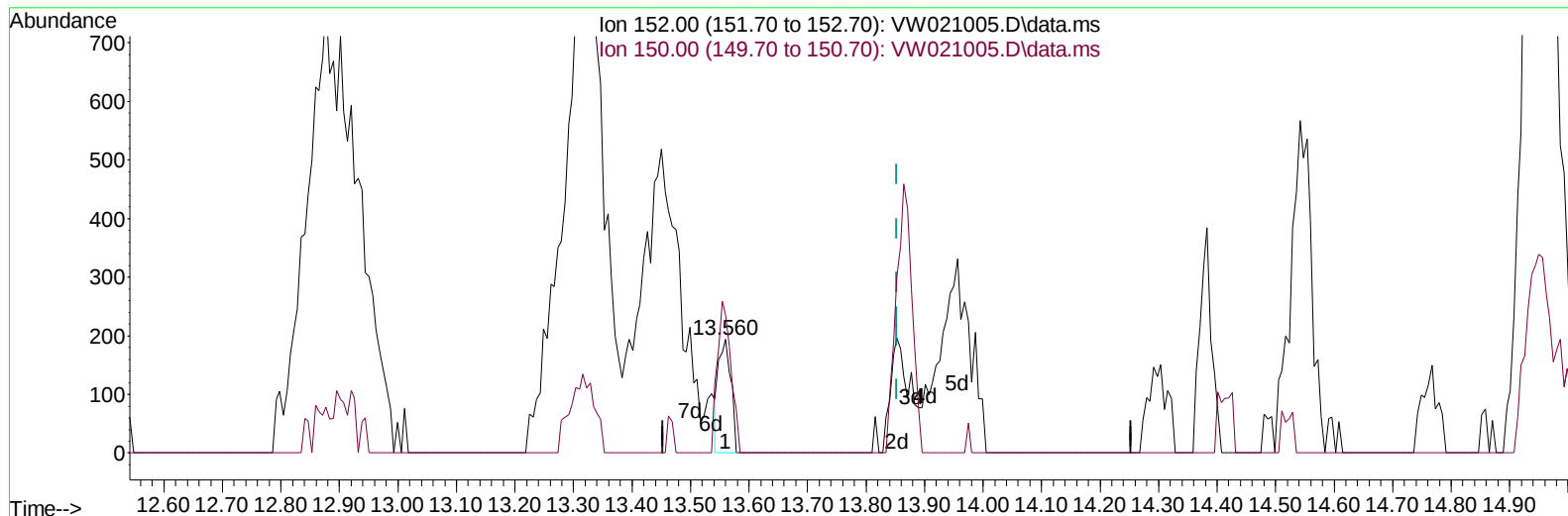
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 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM11521SMA.M
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 Supervised By :Amit Patel 12/07/2021



TIC: VW021005.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.560min (-0.293) 28.06 ug/L

response 284

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	148.94
0.00	0.00	0.00
0.00	0.00	0.00

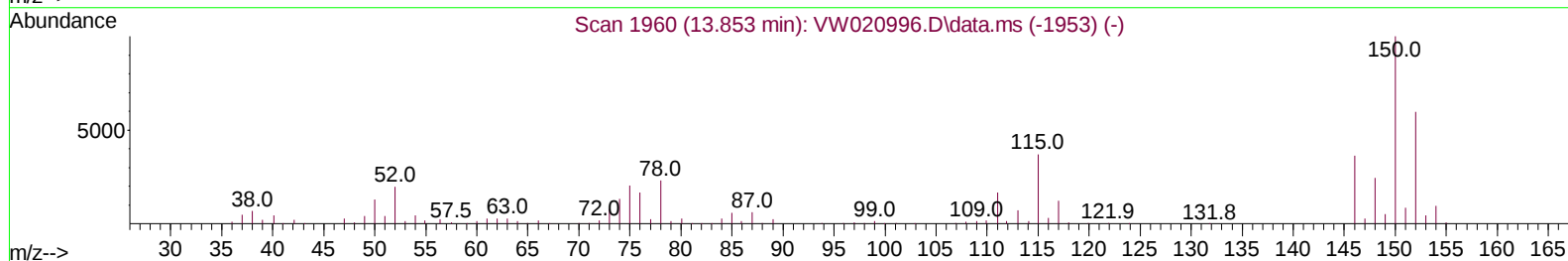
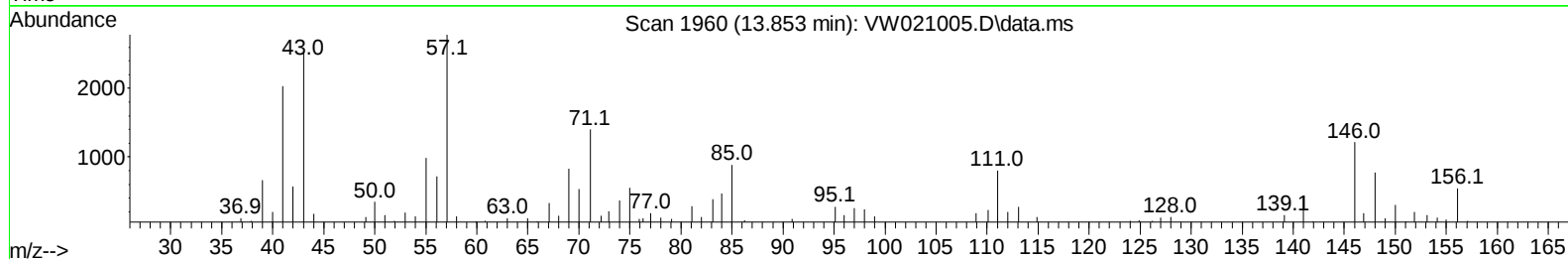
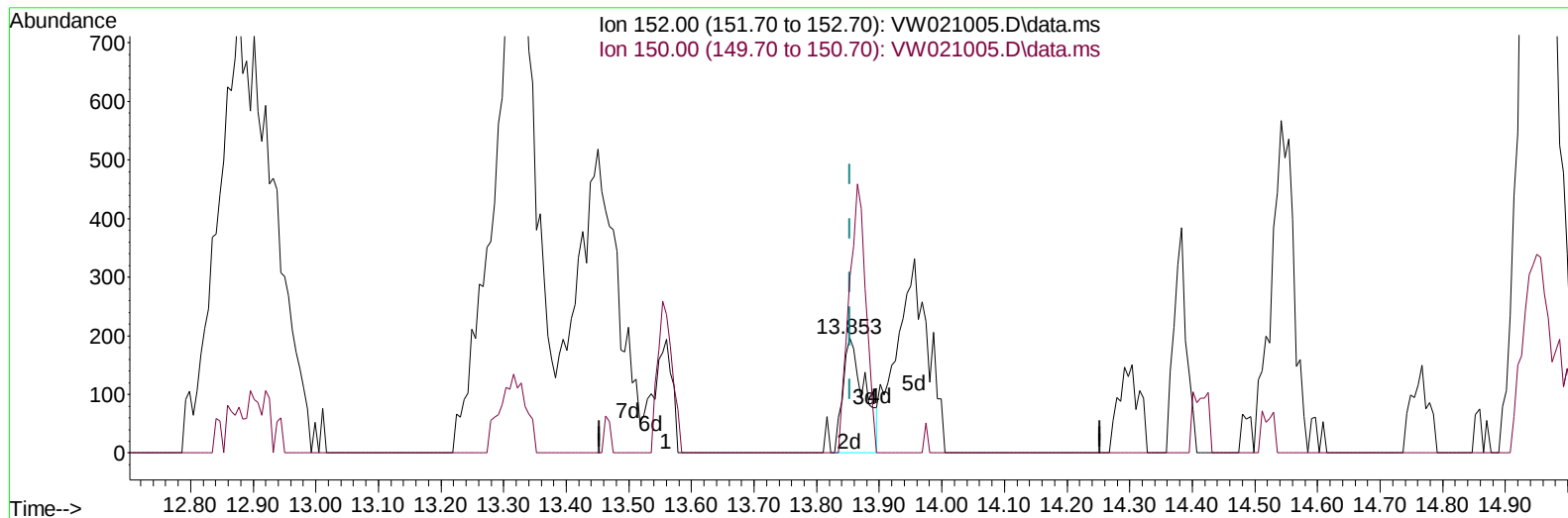
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021005.D
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Operator : SY/VA
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Misc : 6.39g/10.0mL/MSVOA_W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW021005.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.853min (-0.000) 46.73 ug/L m

response 473

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	89.43#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw120121\
 Data File : VW021005.D
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	1267	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	652	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	284m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	344	23.407	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	93.640%	
7) Chloroethane-d5	2.897	69	309	32.600	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	130.400%	
11) 1,1-Dichloroethene-d2	4.025	63	543m	19.096	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	76.400%	
21) 2-Butanone-d5	7.098	46	46	12.540	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135	Recovery	=	25.080%	
24) Chloroform-d	7.659	84	778	24.370	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	97.480%	
26) 1,2-Dichloroethane-d4	8.317	65	348	21.476	ug/L	0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	85.920%	
32) Benzene-d6	8.280	84	1250	36.376	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	145.520%#	
36) 1,2-Dichloropropane-d6	9.268	67	441m	45.067	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	180.280%#	
41) Toluene-d8	10.329	98	887	26.006	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	104.040%	
43) trans-1,3-Dichloroprop...	10.579	79	89	19.242	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	76.960%	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.700	84	347m	46.290	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	185.160%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	473m	46.729	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	186.920%#	
Target Compounds						
						Qvalue
5) vinyl chloride	2.367	62	627	32.517	ug/L	89
13) Acetone	4.129	43	544m	166.101	ug/L	
17) trans-1,2-Dichloroethene	5.439	96	585	34.192	ug/L #	74
20) cis-1,2-Dichloroethene	7.177	96	82602	4479.576	ug/L	76
29) Cyclohexane	7.957	56	130	8.943	ug/L #	65
33) Benzene	8.329	78	47576	1288.757	ug/L	100
34) Trichloroethene	9.091	95	43914	4252.893	ug/L	95
35) Methylcyclohexane	9.341	83	981	57.624	ug/L #	17
40) 4-Methyl-2-pentanone	10.213	43	650	127.110	ug/L #	87
42) Toluene	10.390	91	230421	5549.162	ug/L	98
46) Tetrachloroethene	10.865	164	15083	1590.916	ug/L	96
51) Chlorobenzene	11.658	112	7092	256.798	ug/L	91
52) Ethylbenzene	11.731	91	176505	3836.036	ug/L	100
53) m,p-Xylene	11.835	106	236718	12601.148	ug/L	87
54) o-Xylene	12.164	106	62374	3457.262	ug/L	98
55) Styrene	12.182	104	30050	1003.096	ug/L	100
60) Isopropylbenzene	12.463	105	76475	1977.045	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	33219	1018.016	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw120121\
 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	13.249	105	99370	3086.501	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	6515	407.676	ug/L	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021005.D
Acq On : 01 Dec 2021 16:34
Operator : SY/VA
Sample : M4868-11
Misc : 6.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

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