

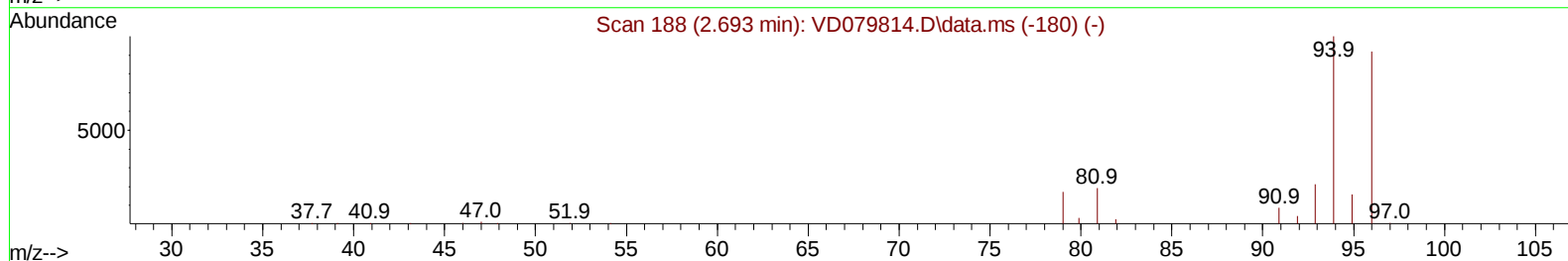
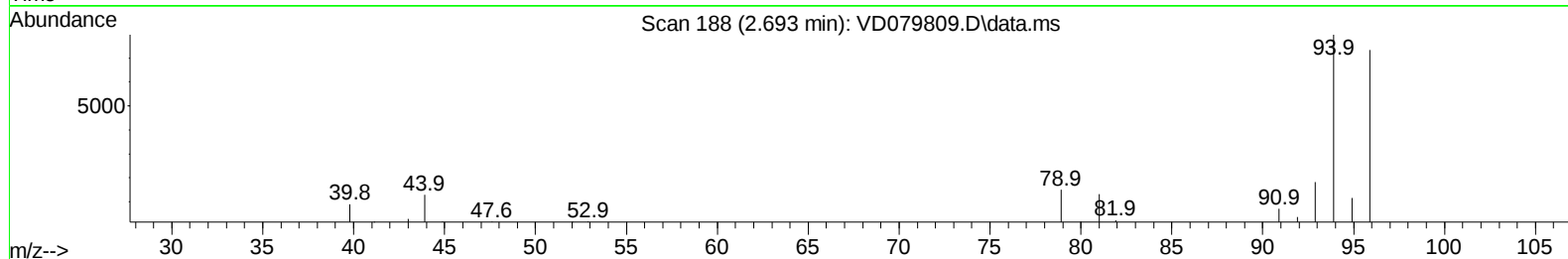
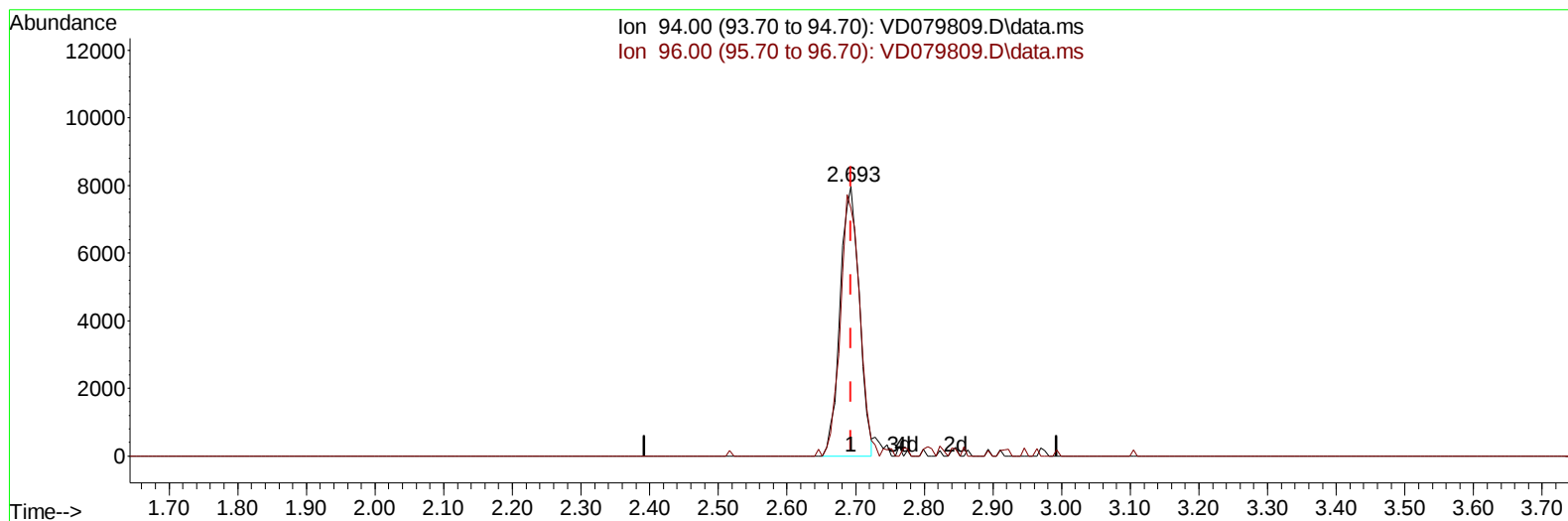
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
Acq On : 10 Sep 2024 10:37
Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:55:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 05:52:36 2024
Response via : Initial Calibration



TIC: VD079809.D\data.ms

(6) Bromomethane (T)

2.693min (+ 0.000) 4.66 ug/L

response 15517

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	91.90	91.90
0.00	0.00	0.00
0.00	0.00	0.00

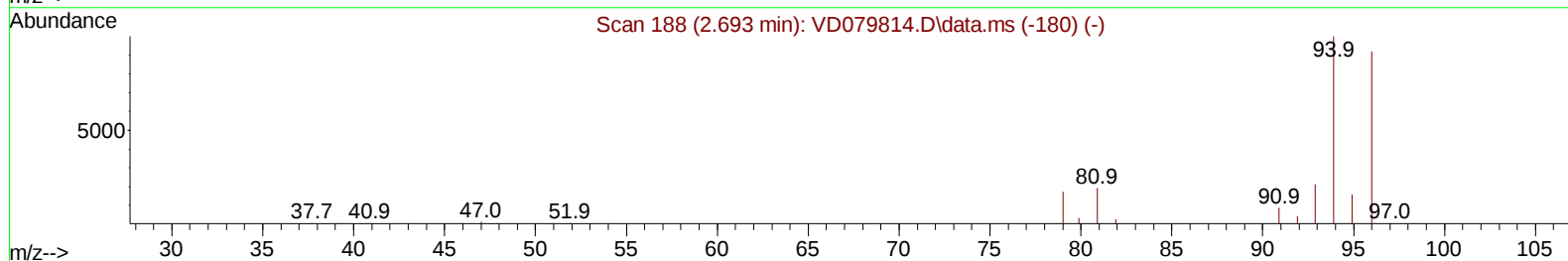
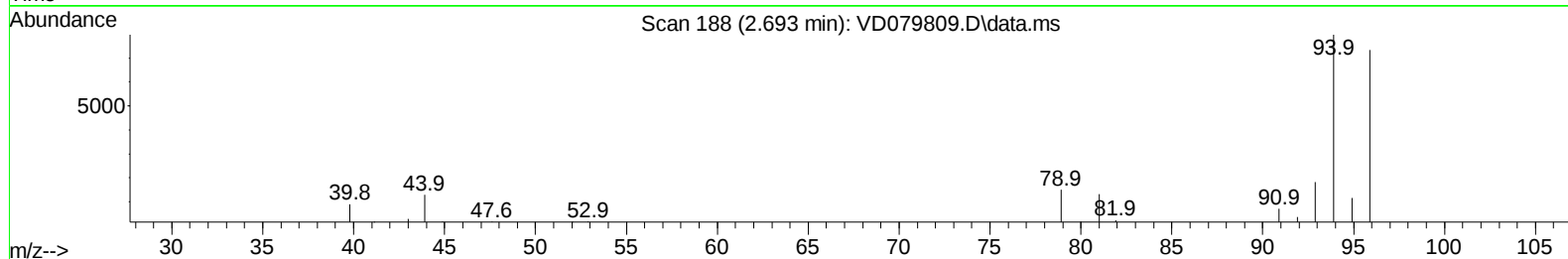
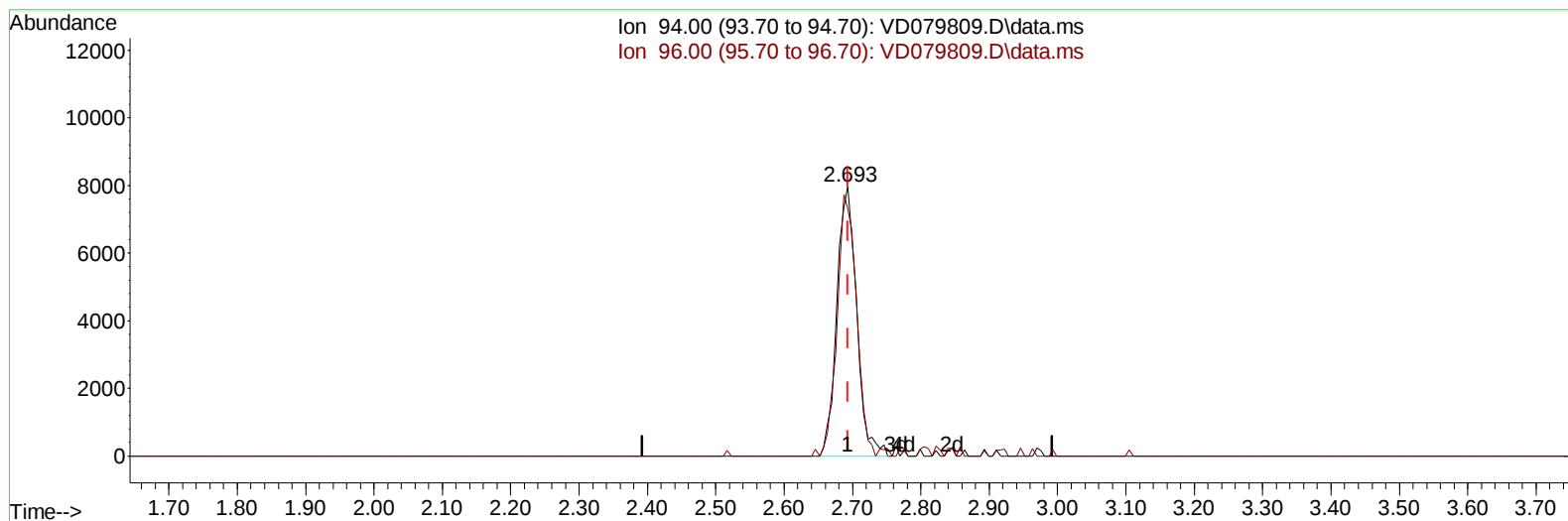
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Instrument :
MSVOA_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Wed Sep 11 05:52:36 2024
Response via : Initial Calibration



TIC: VD079809.D\data.ms

(6) Bromomethane (T)

2.693min (+ 0.000) 4.82 ug/L m

response 16052

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	91.90	91.90
0.00	0.00	0.00
0.00	0.00	0.00

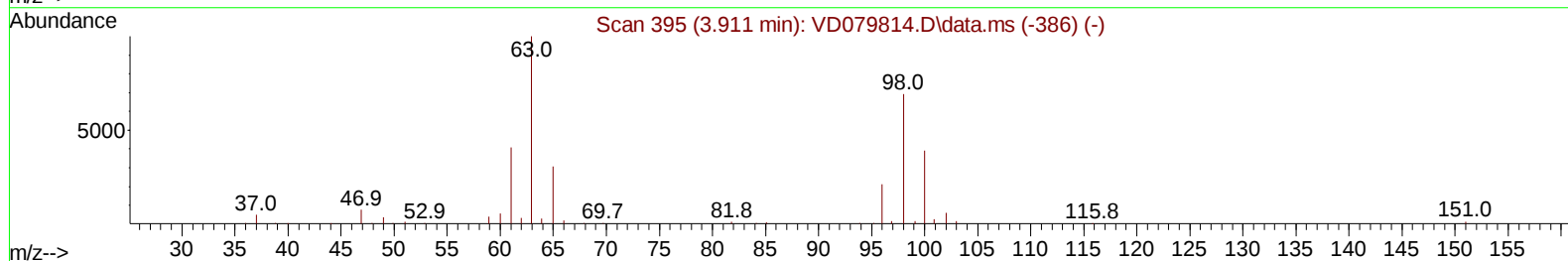
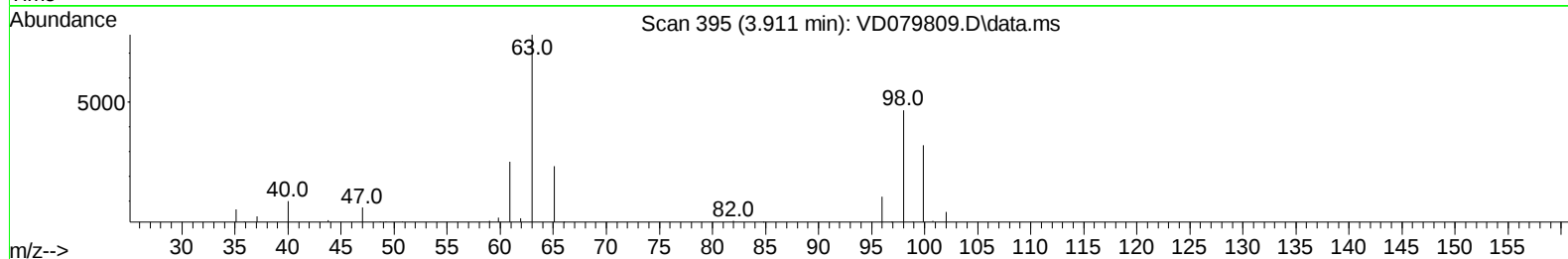
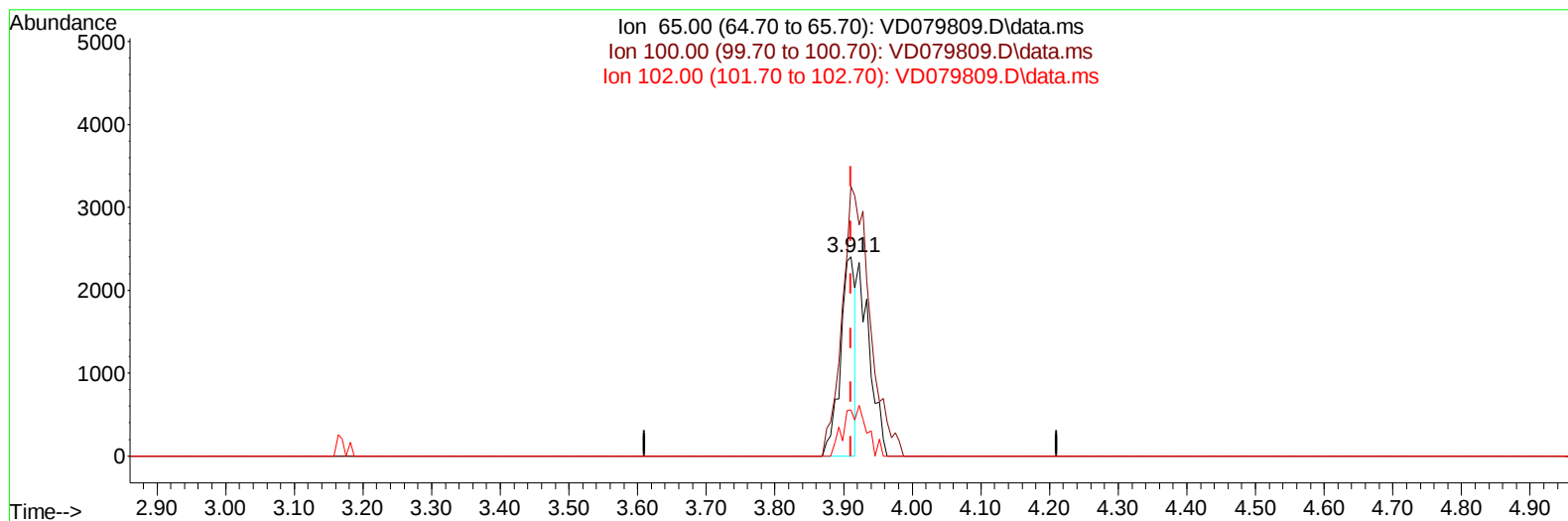
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
Acq On : 10 Sep 2024 10:37
Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SFAM01.0
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TIC: VD079809.D\data.ms

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

3.911min (+ 0.000) 2.83 ug/L

response 3628

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	141.70	248.68#
102.00	21.20	9.73#
0.00	0.00	0.00

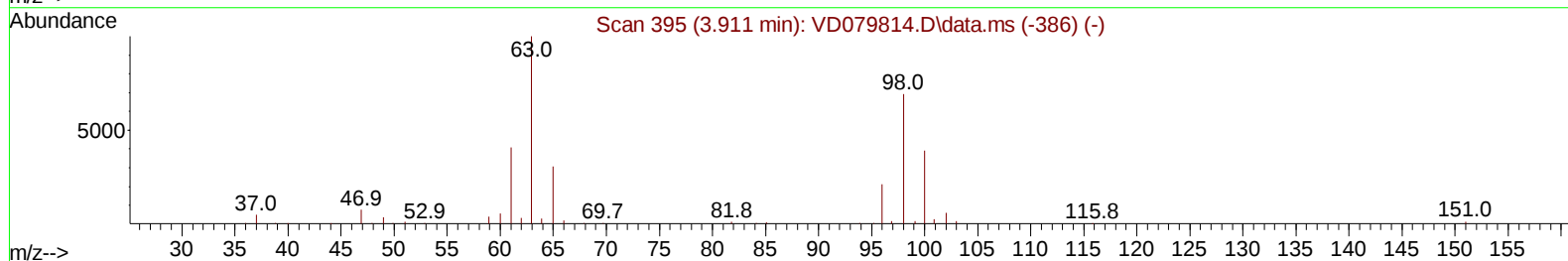
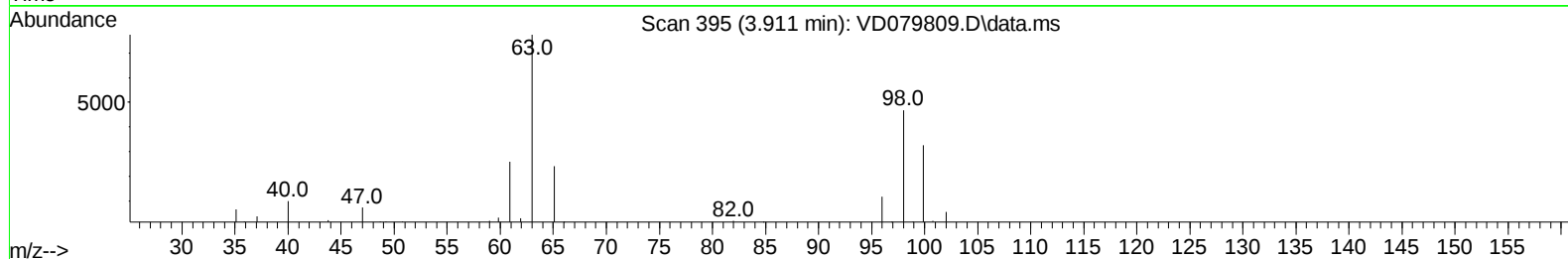
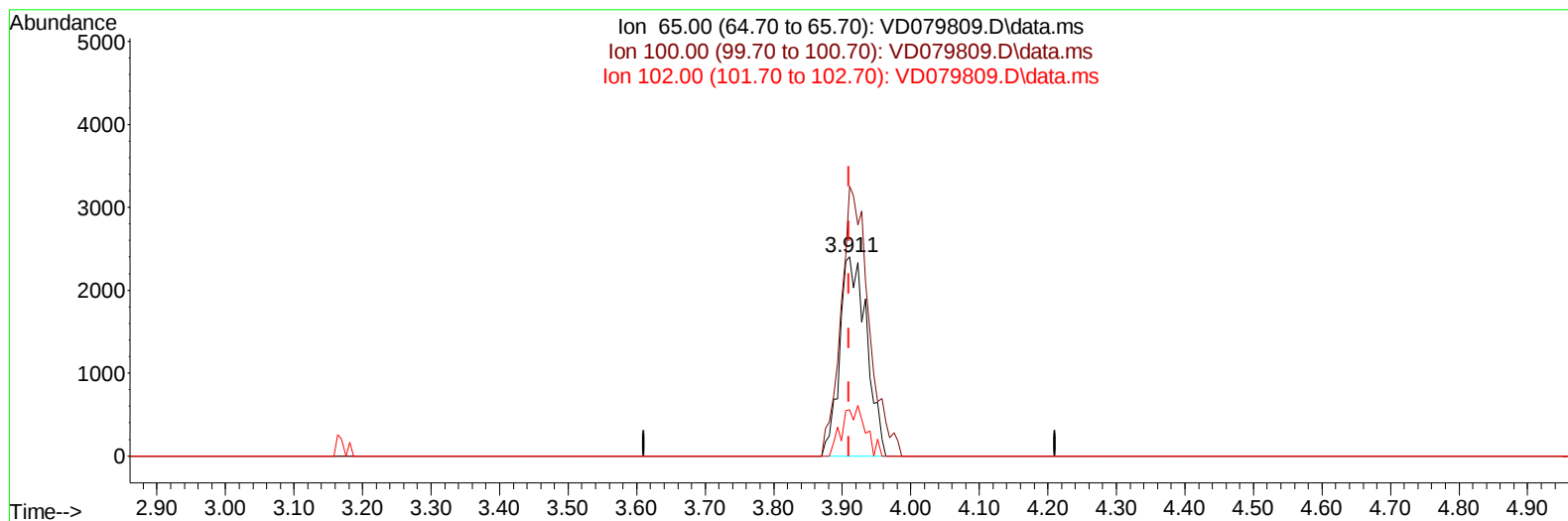
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
Acq On : 10 Sep 2024 10:37
Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
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Response via : Initial Calibration



TIC: VD079809.D\data.ms

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

3.911min (+ 0.000) 5.10 ug/L m

response 6551

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	141.70	137.72
102.00	21.20	5.39#
0.00	0.00	0.00

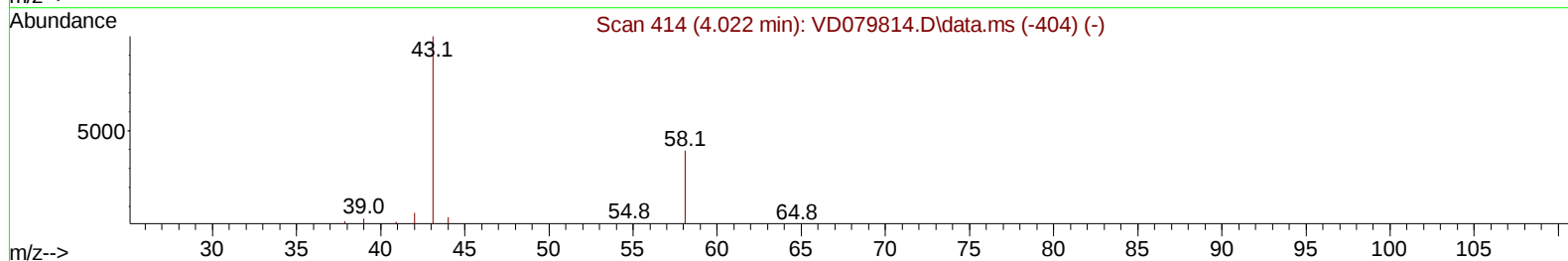
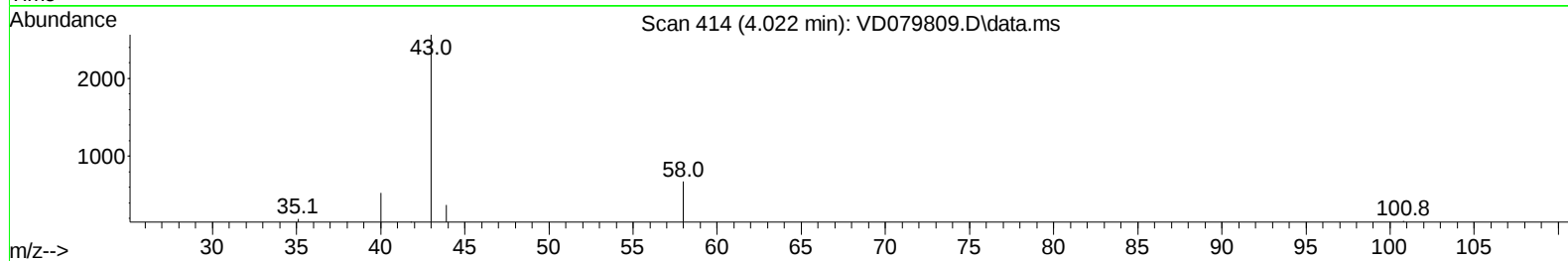
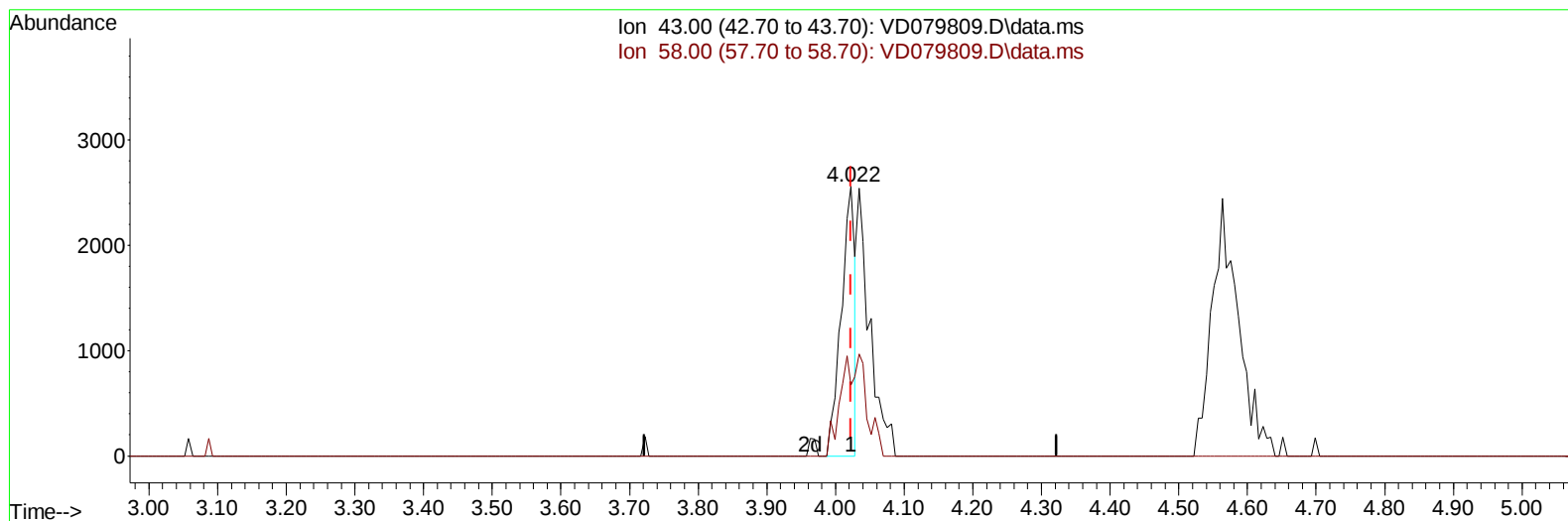
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
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Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

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TIC: VD079809.D\data.ms

(13) Acetone (T)

4.022min (+ 0.000) 4.48 ug/L

response 3591

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	37.90	32.25
0.00	0.00	0.00
0.00	0.00	0.00

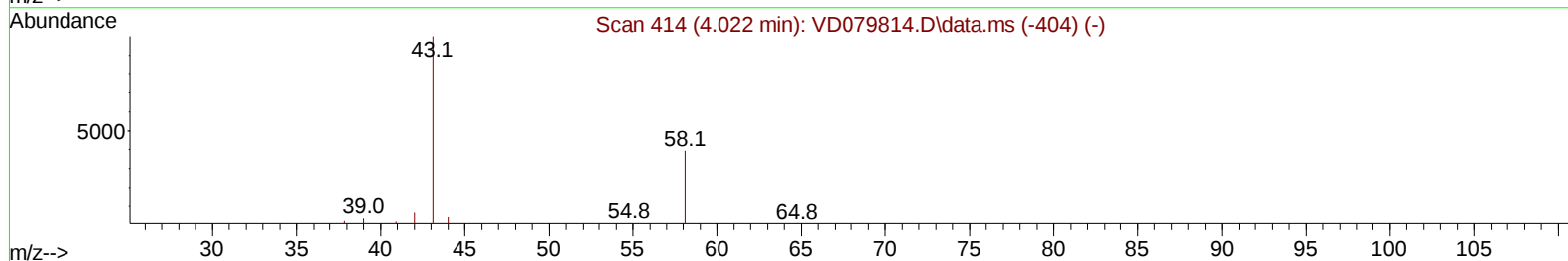
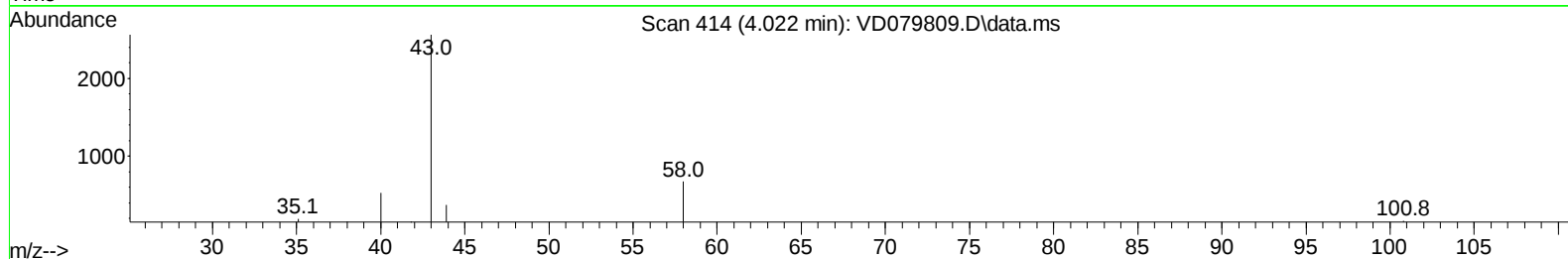
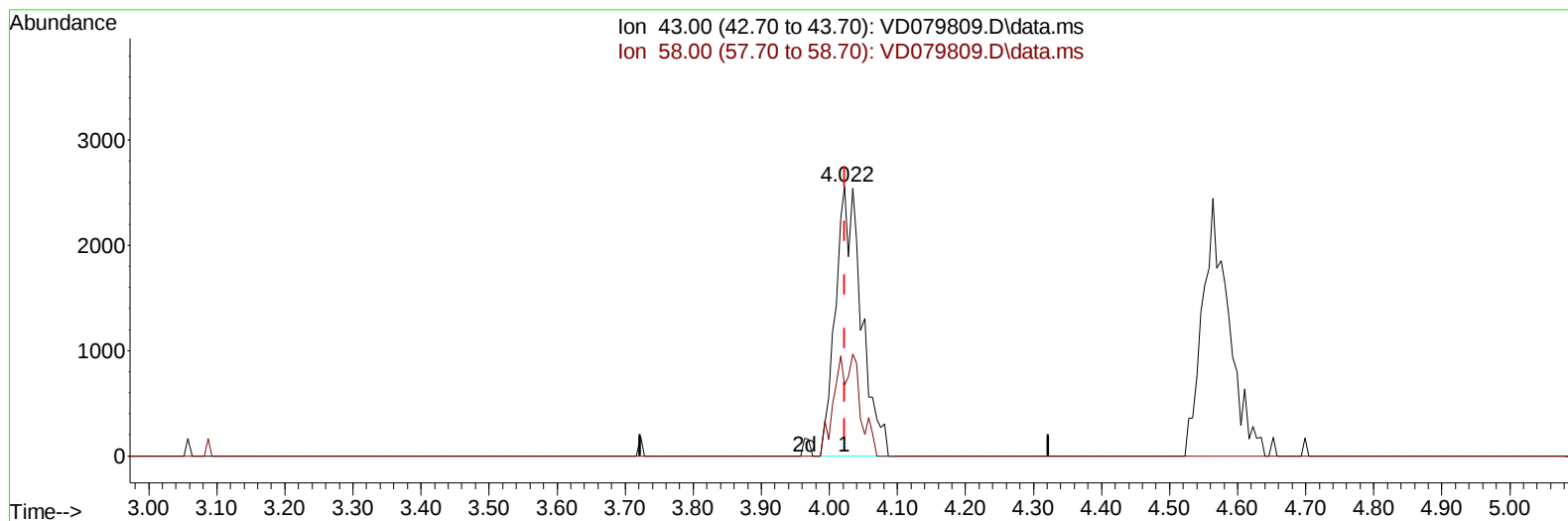
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
Acq On : 10 Sep 2024 10:37
Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:55:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 05:52:36 2024
Response via : Initial Calibration



TIC: VD079809.D\data.ms

(13) Acetone (T)

4.022min (+ 0.000) 8.50 ug/L m

response 6808

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	37.90	17.01
0.00	0.00	0.00
0.00	0.00	0.00

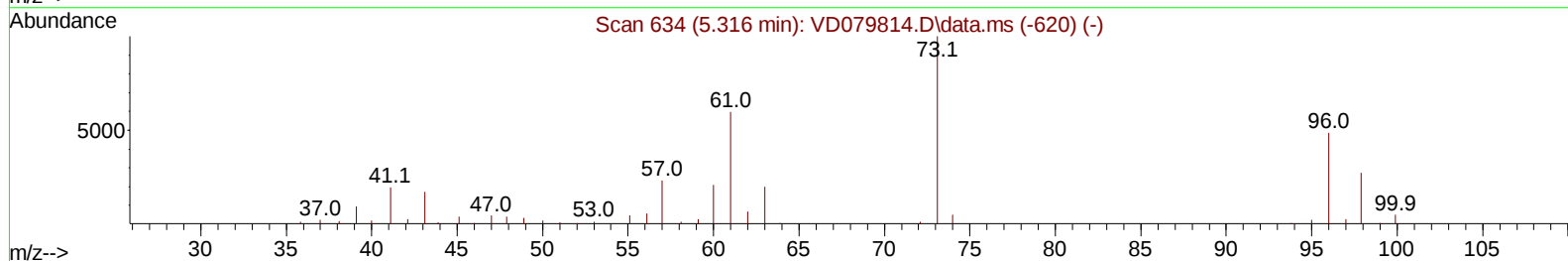
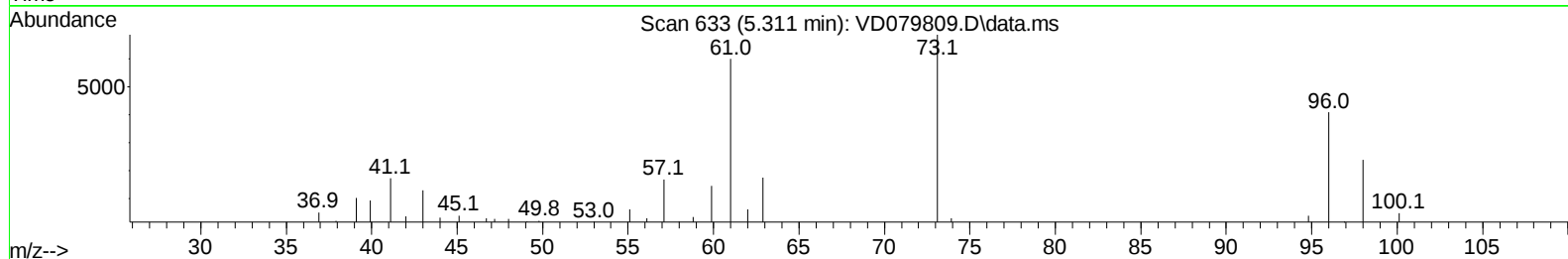
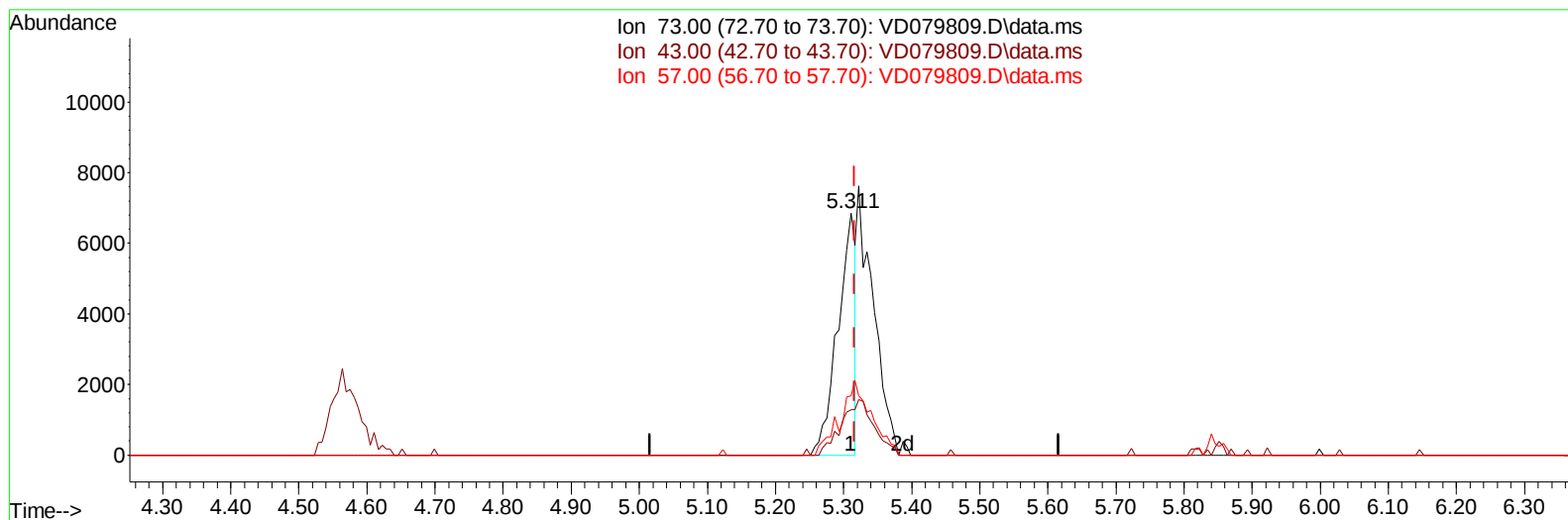
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079809.D
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Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



TIC: VD079809.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.311min (-0.006) 2.07 ug/L

response 12265

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	18.10	19.92
57.00	23.50	9.91#
0.00	0.00	0.00

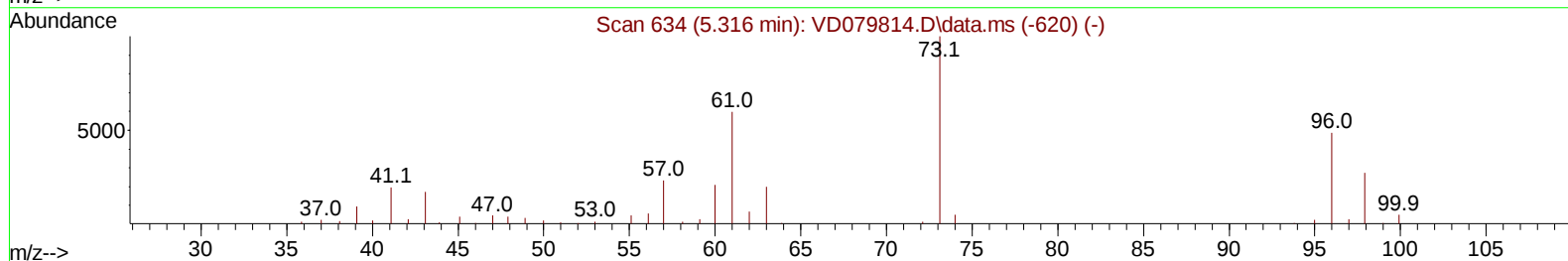
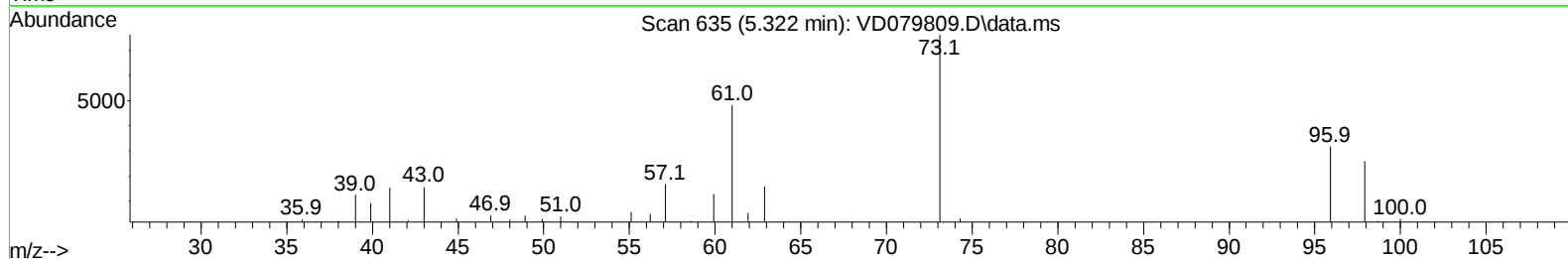
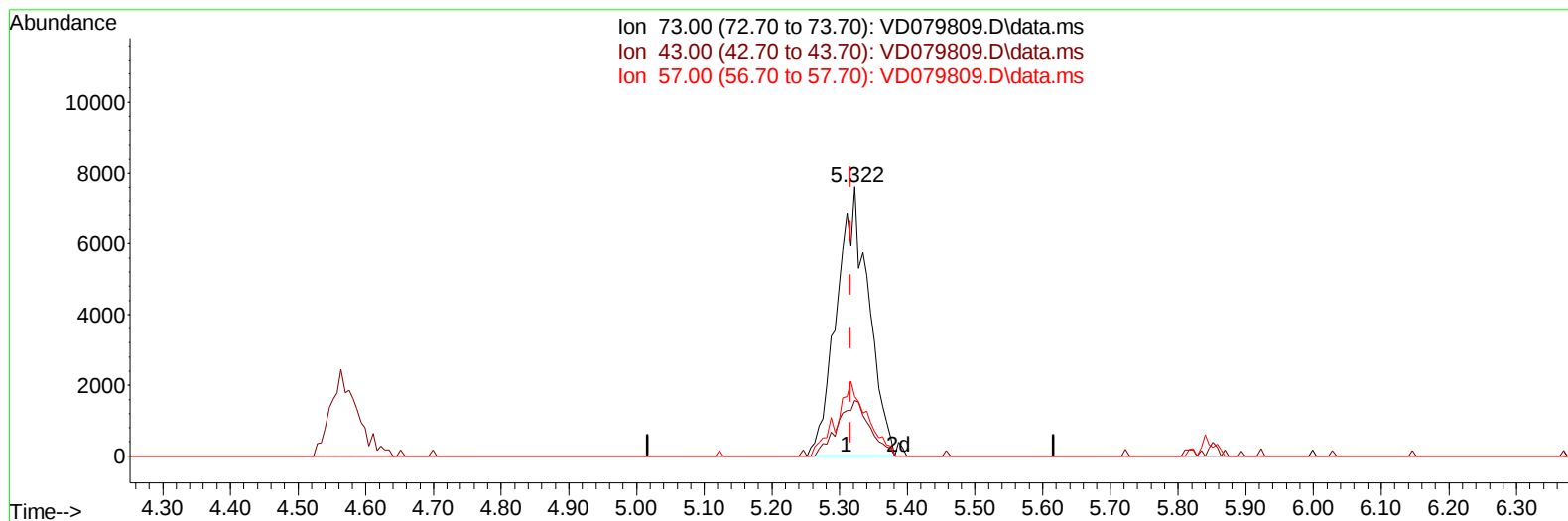
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Data File : VD079809.D
Acq On : 10 Sep 2024 10:37
Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:55:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 05:52:36 2024
Response via : Initial Calibration



TIC: VD079809.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.322min (+ 0.006) 4.21 ug/L m

response 24924

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	18.10	9.80#
57.00	23.50	4.87#
0.00	0.00	0.00

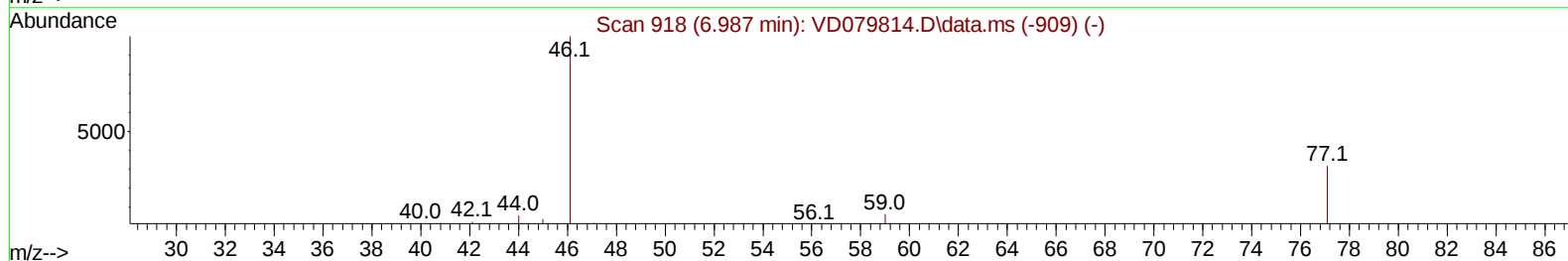
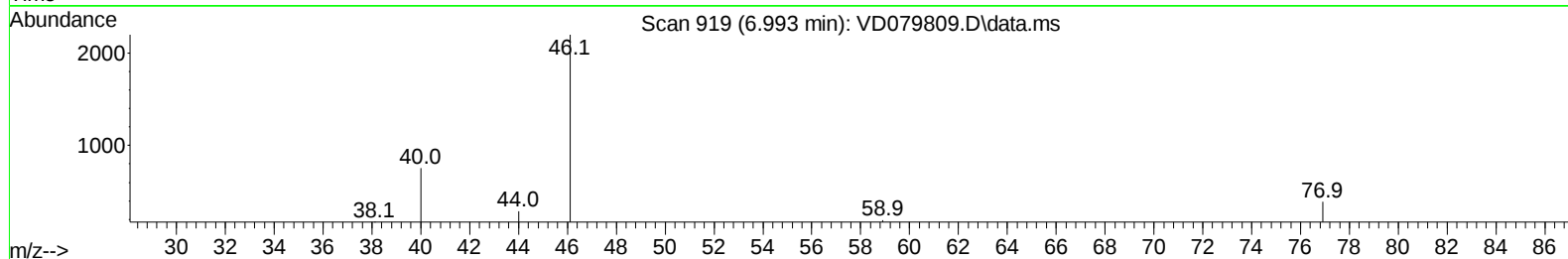
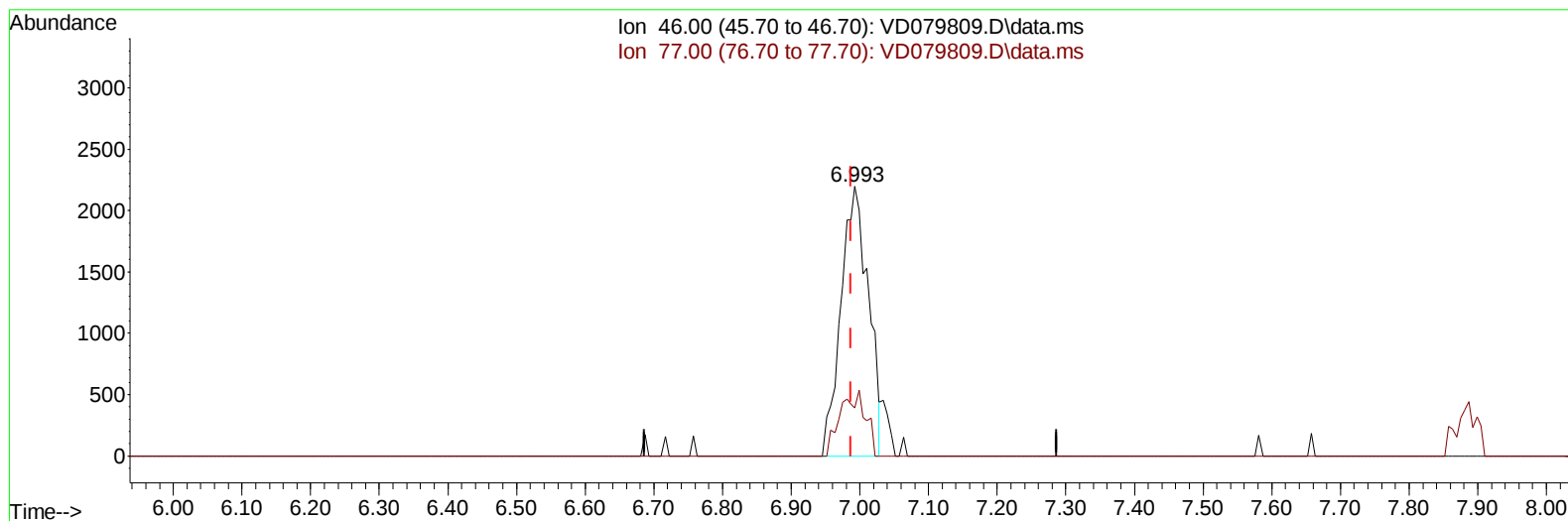
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Data File : VD079809.D
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Operator : RP/MD
Sample : VSTD00538
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

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TIC: VD079809.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.006) 9.31 ug/L

response 6118

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.70	6.57#
0.00	0.00	0.00
0.00	0.00	0.00

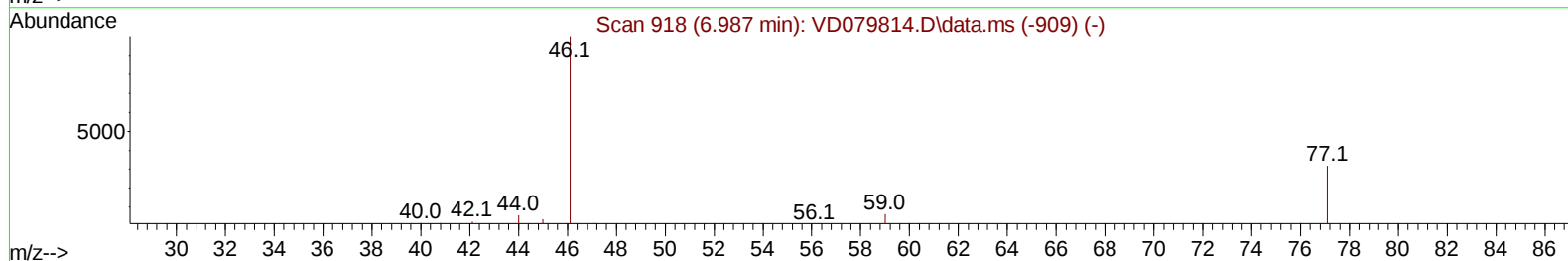
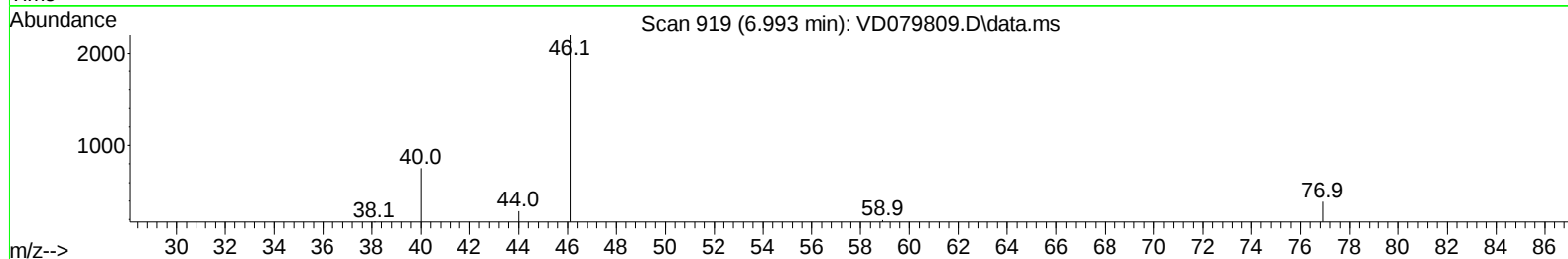
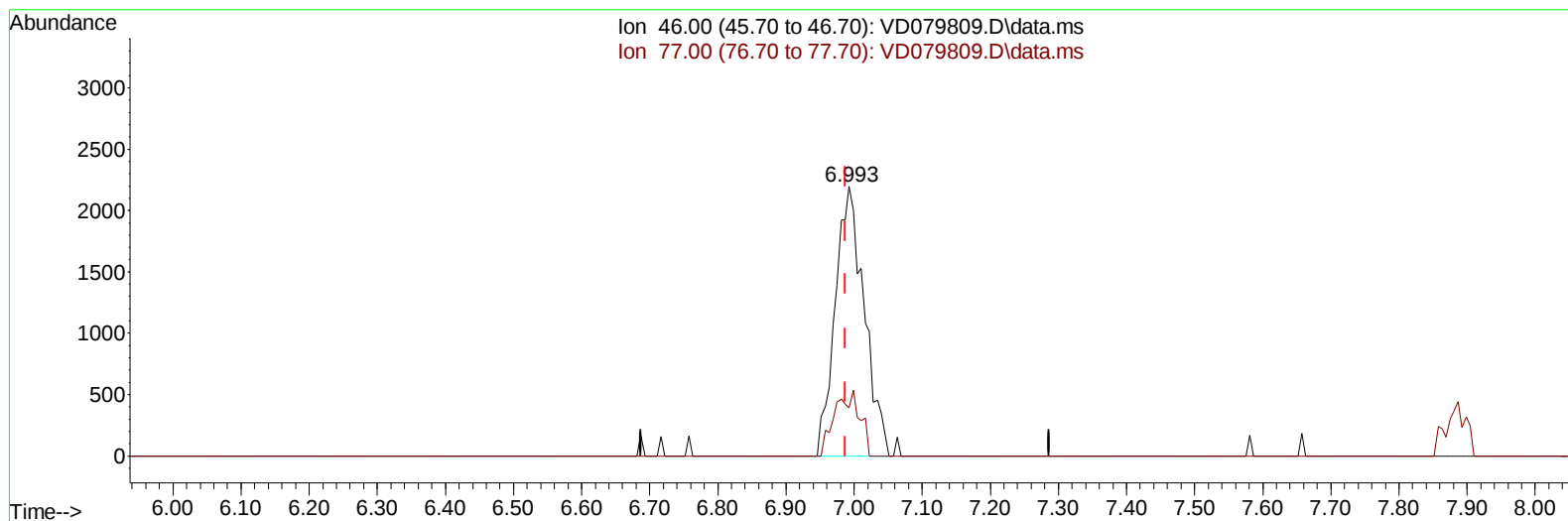
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VD079809.D\data.ms

(21) 2-Butanone-d5 (S)

6.993min (+ 0.006) 9.83 ug/L m

response 6459

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.70	6.22#
0.00	0.00	0.00
0.00	0.00	0.00

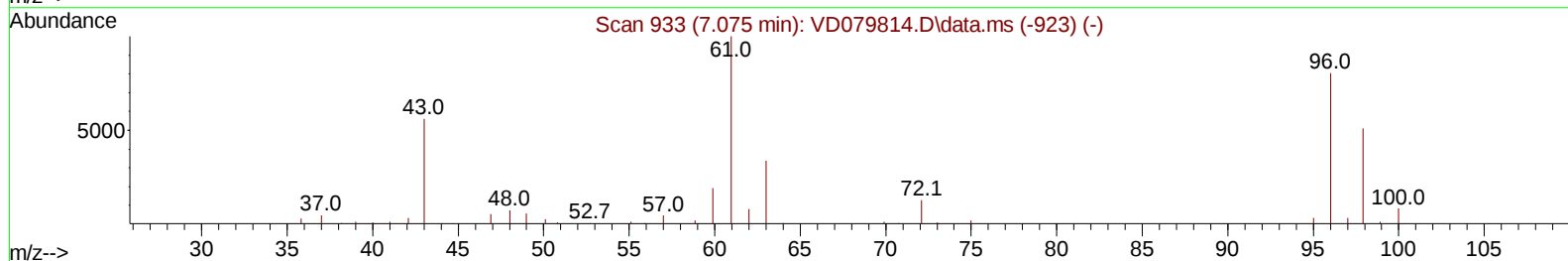
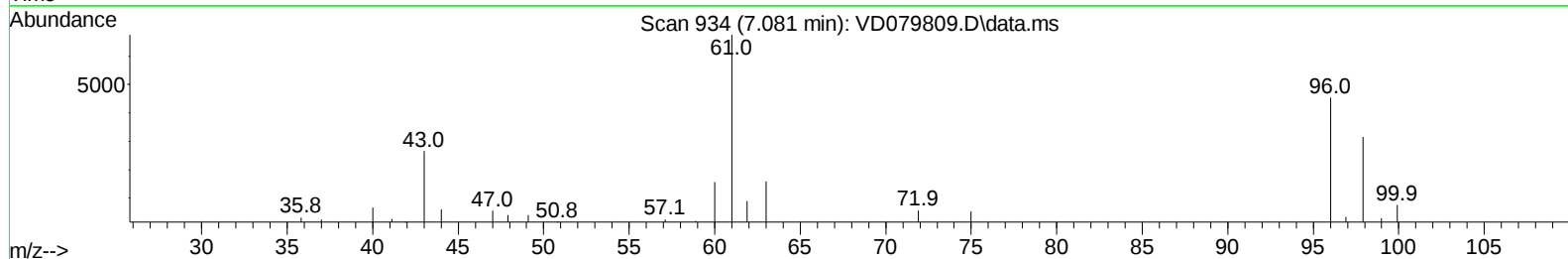
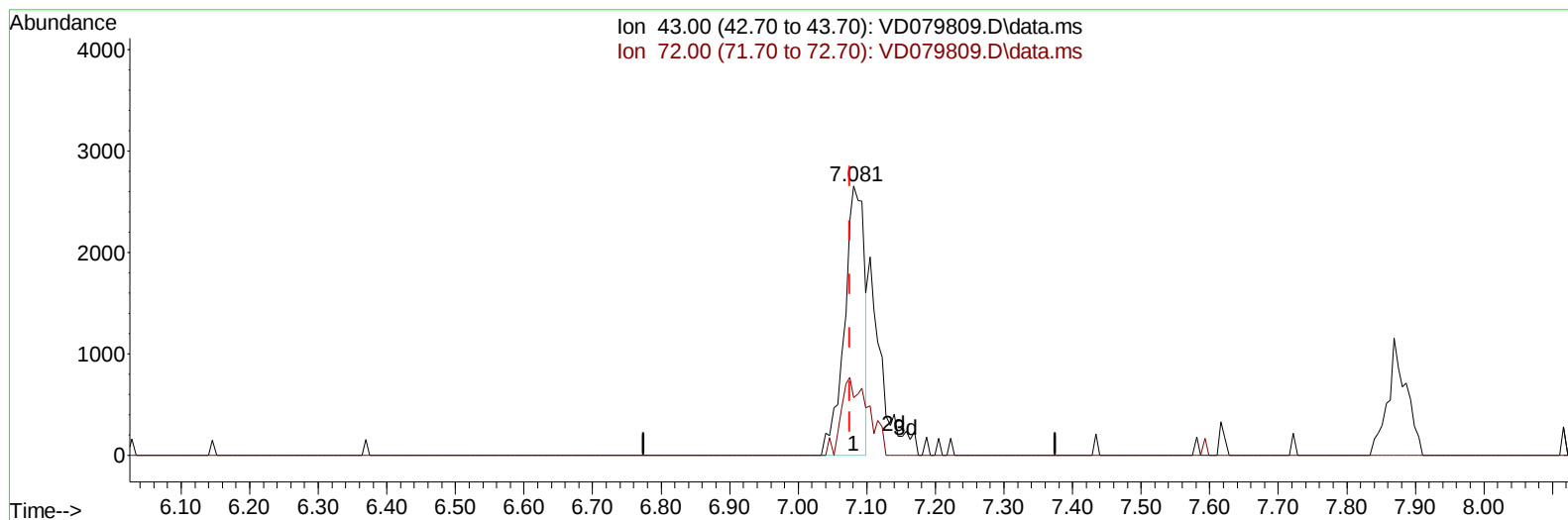
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Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005838

Manual IntegrationsAPPROVED

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TIC: VD079809.D\data.ms

(22) 2-Butanone (T)

7.081min (+ 0.006) 5.76 ug/L

response 5409

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.20	17.79
0.00	0.00	0.00
0.00	0.00	0.00

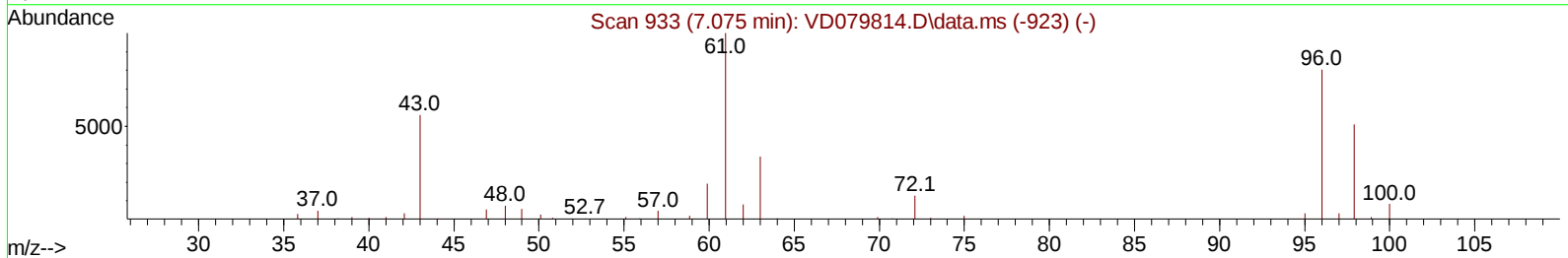
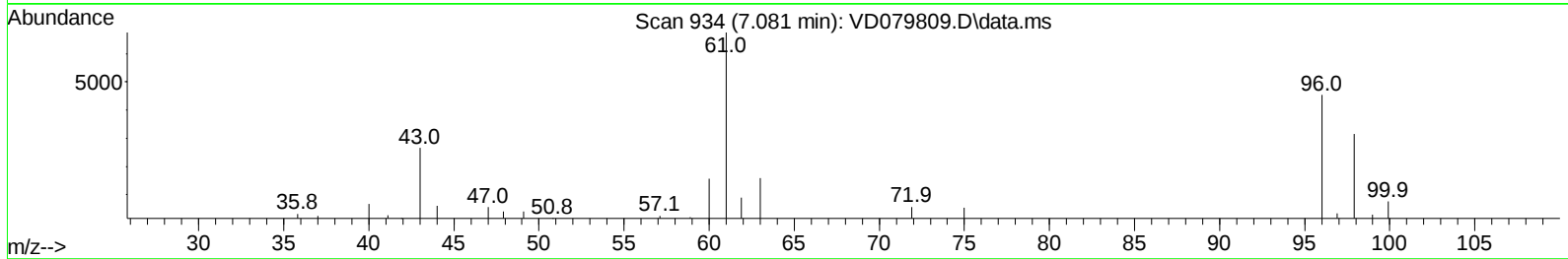
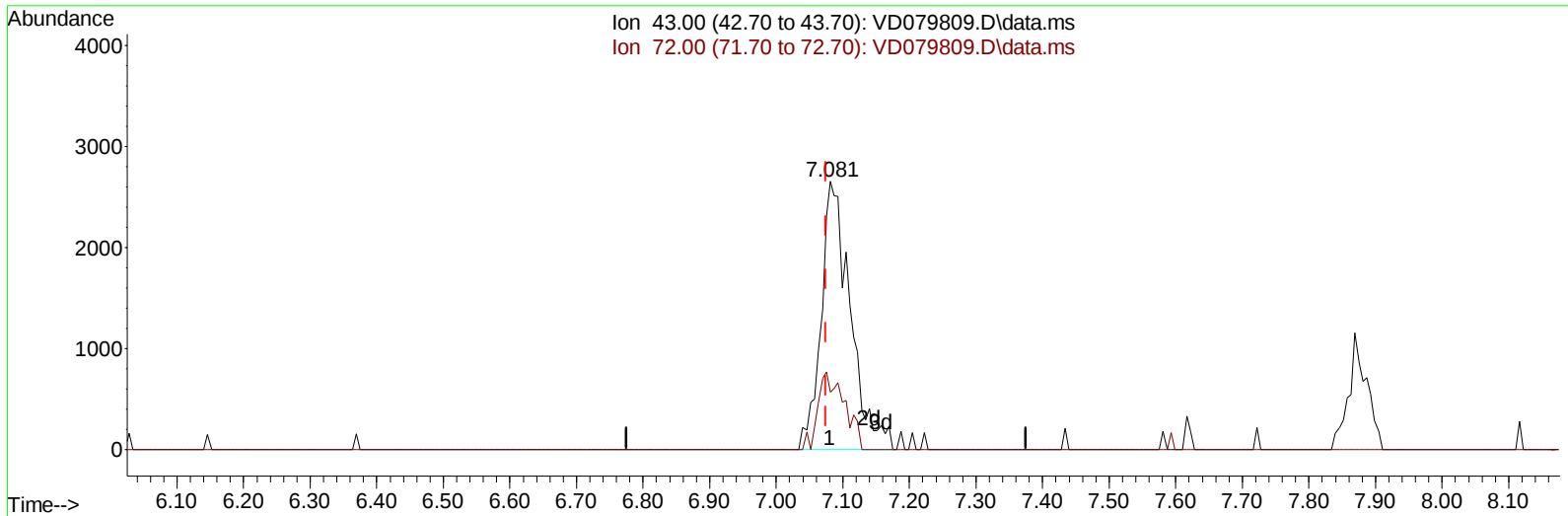
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Instrument :
MSVOA_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VD079809.D\data.ms

(22) 2-Butanone (T)

7.081min (+ 0.006) 8.59 ug/L m

response 8072

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.20	11.92#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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 ClientSampleId :
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Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	162568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38813	5.491	ug/L	0.00
7) Chloroethane-d5	2.805	69	31029	5.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	6551m	5.104	ug/L	0.00
21) 2-Butanone-d5	6.993	46	6459m	9.834	ug/L	0.00
24) Chloroform-d	7.563	84	27290	5.107	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	13353	4.779	ug/L	0.00
32) Benzene-d6	8.205	84	57375	5.054	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	17569	5.053	ug/L	0.00
41) Toluene-d8	10.269	98	46900	4.695	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	7372	4.931	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5202	9.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	13418	5.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13317	4.948	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16248	5.242	ug/L	99
3) Chloromethane	2.146	50	28038	5.160	ug/L	98
5) Vinyl chloride	2.281	62	34812	5.228	ug/L	100
6) Bromomethane	2.693	94	16052m	4.818	ug/L	
8) Chloroethane	2.834	64	23900	5.433	ug/L	98
9) Trichlorofluoromethane	3.170	101	24929	5.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	13865	5.232	ug/L	90
12) 1,1-Dichloroethene	3.940	96	12158	4.926	ug/L #	77
13) Acetone	4.022	43	6808m	8.502	ug/L	
14) Carbon disulfide	4.269	76	44793	5.579	ug/L	99
15) Methyl Acetate	4.564	43	6401	5.018	ug/L #	91
16) Methylene chloride	4.805	84	17343	5.399	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	12968	4.927	ug/L	83
18) Methyl tert-butyl Ether	5.322	73	24924m	4.210	ug/L	
19) 1,1-Dichloroethane	6.111	63	25985	4.971	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	13277	4.582	ug/L	90
22) 2-Butanone	7.081	43	8072m	8.594	ug/L	
23) Bromochloromethane	7.428	128	6631	5.391	ug/L	86
25) Chloroform	7.599	83	26579	4.884	ug/L	93
27) 1,2-Dichloroethane	8.328	62	16951	5.097	ug/L #	94
29) Cyclohexane	7.875	56	18479	4.646	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	21584	4.924	ug/L	98
31) Carbon tetrachloride	7.987	117	19693	5.071	ug/L	98
33) Benzene	8.252	78	57586	4.809	ug/L	100
34) Trichloroethene	9.028	95	13503	4.871	ug/L	90
35) Methylcyclohexane	9.275	83	19794	4.433	ug/L	94
37) 1,2-Dichloropropane	9.310	63	16340	5.004	ug/L #	100
38) Bromodichloromethane	9.581	83	18322	4.815	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	20904	4.559	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	14843	8.683	ug/L	95
42) Toluene	10.334	91	59624	4.727	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079809.D
 Acq On : 10 Sep 2024 10:37
 Operator : RP/MD
 Sample : VSTD00538
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005838

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.551	75	18309	4.530	ug/L	100
45) 1,1,2-Trichloroethane	10.728	97	11123	4.985	ug/L	88
46) Tetrachloroethene	10.810	164	10021	5.335	ug/L	88
48) 2-Hexanone	10.916	43	11584	8.331	ug/L #	95
49) Dibromochloromethane	11.069	129	12037	4.943	ug/L	91
50) 1,2-Dibromoethane	11.175	107	9573	4.968	ug/L #	93
51) Chlorobenzene	11.604	112	36676	4.845	ug/L	97
52) Ethylbenzene	11.681	91	59072	4.458	ug/L	99
53) m,p-Xylene	11.793	106	22727	4.528	ug/L	88
54) o-Xylene	12.122	106	22255	4.523	ug/L	72
55) Styrene	12.134	104	37707	4.360	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	12886	4.927	ug/L #	86
59) Bromoform	12.298	173	6217	5.047	ug/L #	94
60) Isopropylbenzene	12.422	105	55710	4.522	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	8850	5.045	ug/L	96
62) 1,3,5-Trimethylbenzene	12.898	105	34411	3.819	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	41017	4.341	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	23998	4.713	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	25959	4.861	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	21066	4.578	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	1560	4.347	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.587	180	14530	4.707	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	11581	4.455	ug/L #	93
71) Naphthalene	15.328	128	25599	4.409	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	10691	4.598	ug/L	94

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

