

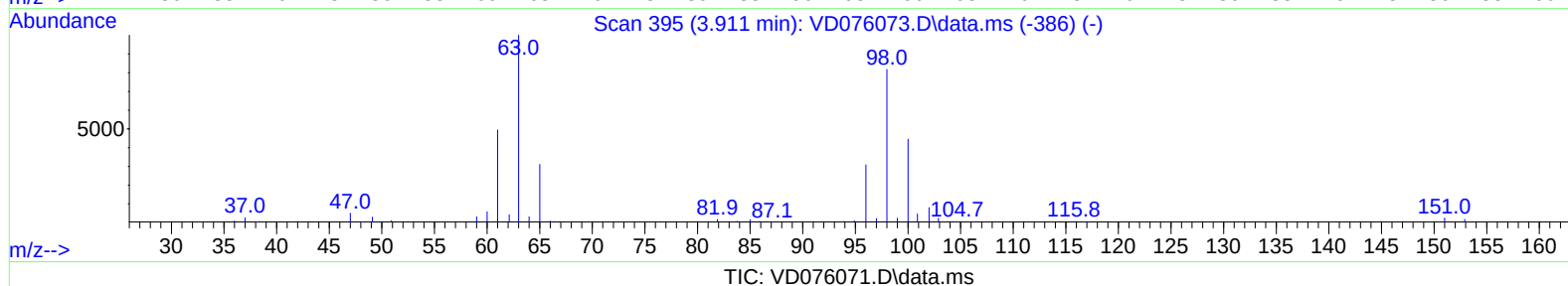
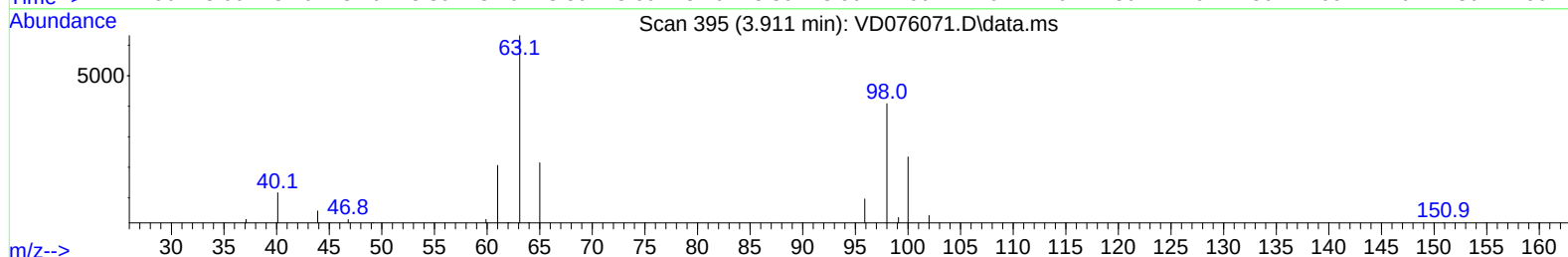
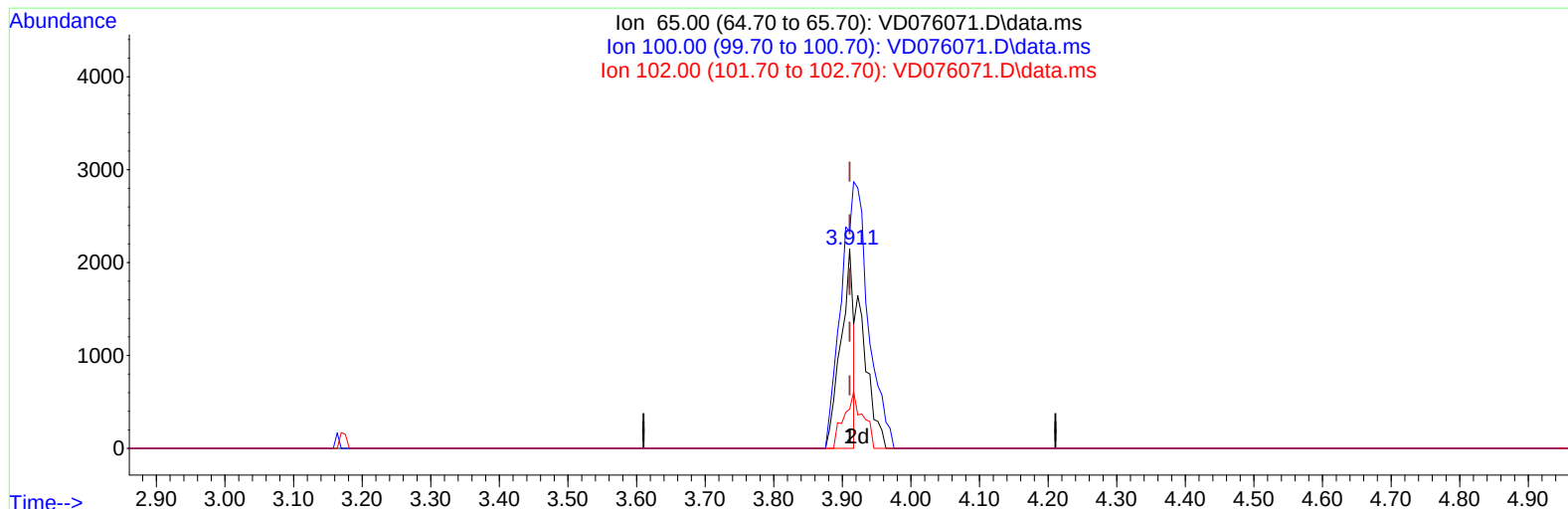
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
Data File : VD076071.D
Acq On : 11 May 2023 10:35
Operator : KP/SY
Sample : VSTD2.546
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 12 01:48:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 12 01:47:58 2023
Response via : Initial Calibration



TIC: VD076071.D\data.ms

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

3.911min (+ 0.000) 1.80 ug/L

response 2757

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	177.20	285.06#
102.00	27.10	42.15#
0.00	0.00	0.00

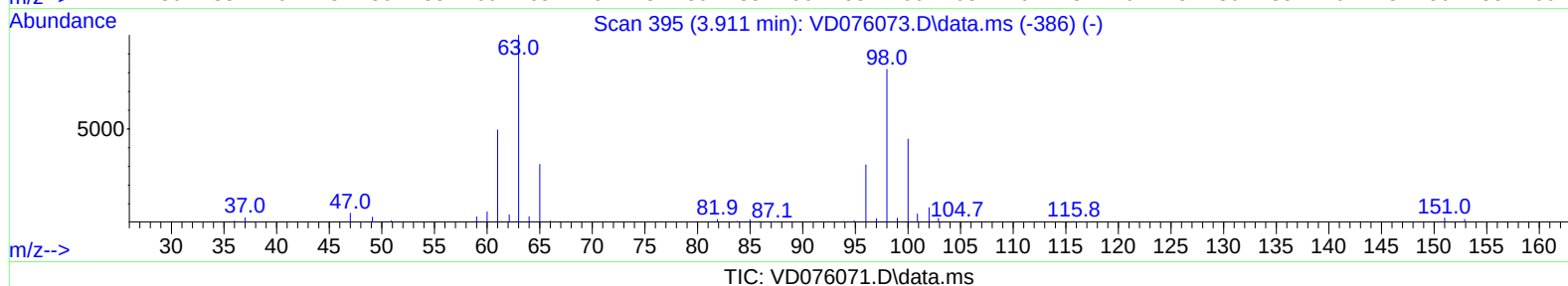
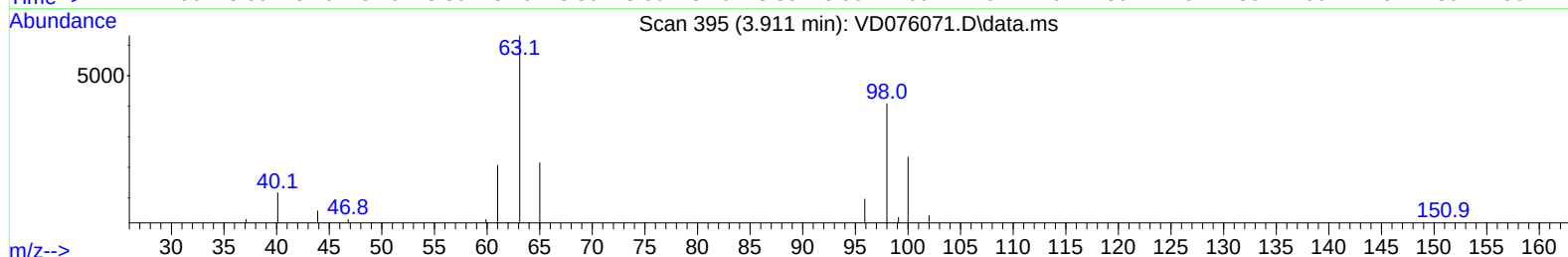
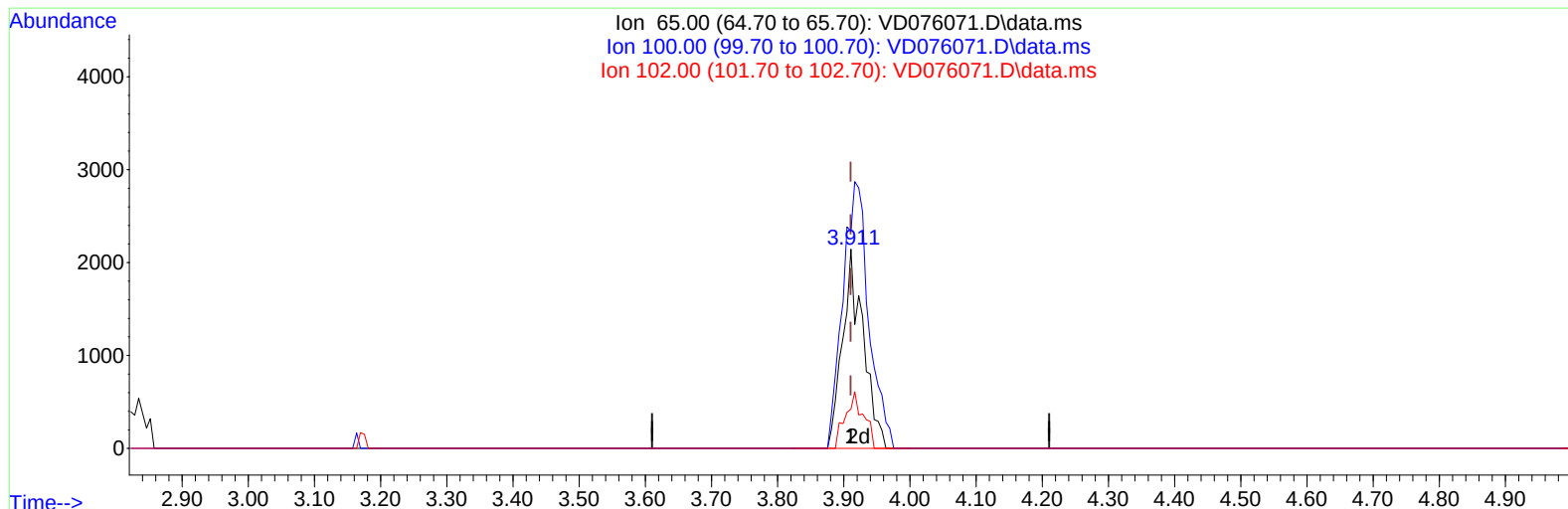
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VSTD2.5146

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Quant Title : SFAM01.0
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TIC: VD076071.D\data.ms

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

3.911min (+ 0.000) 3.06 ug/L m

response 4694

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	177.20	167.43
102.00	27.10	24.76
0.00	0.00	0.00

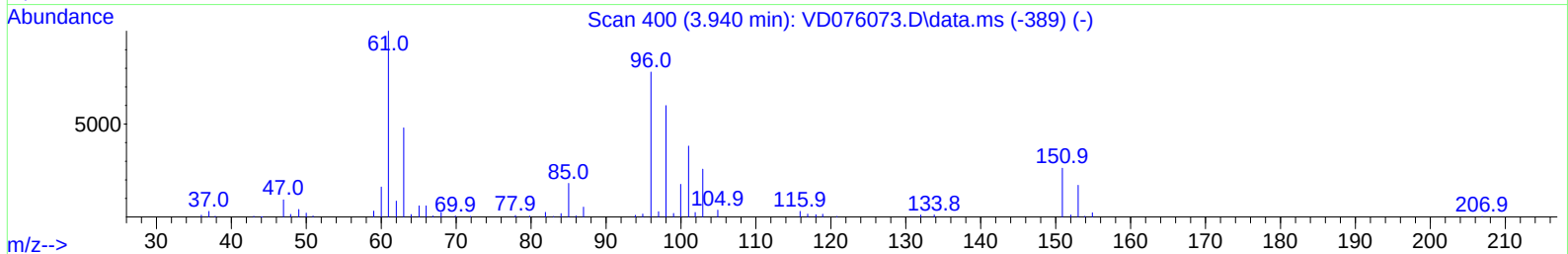
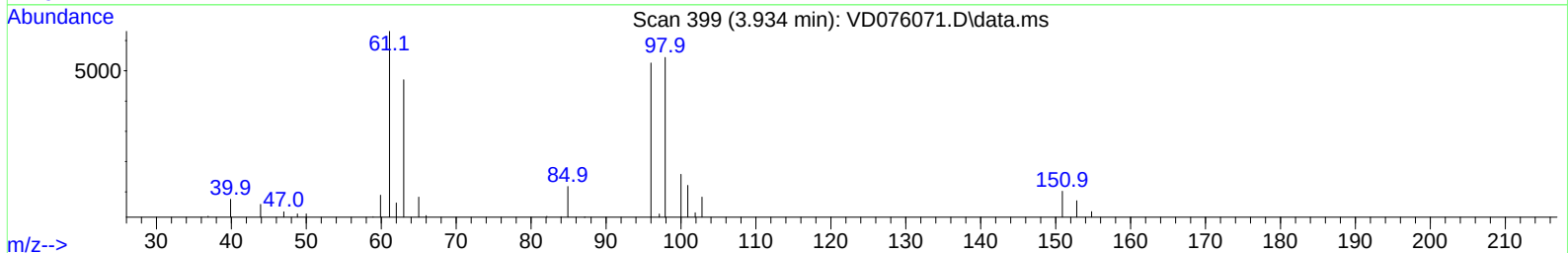
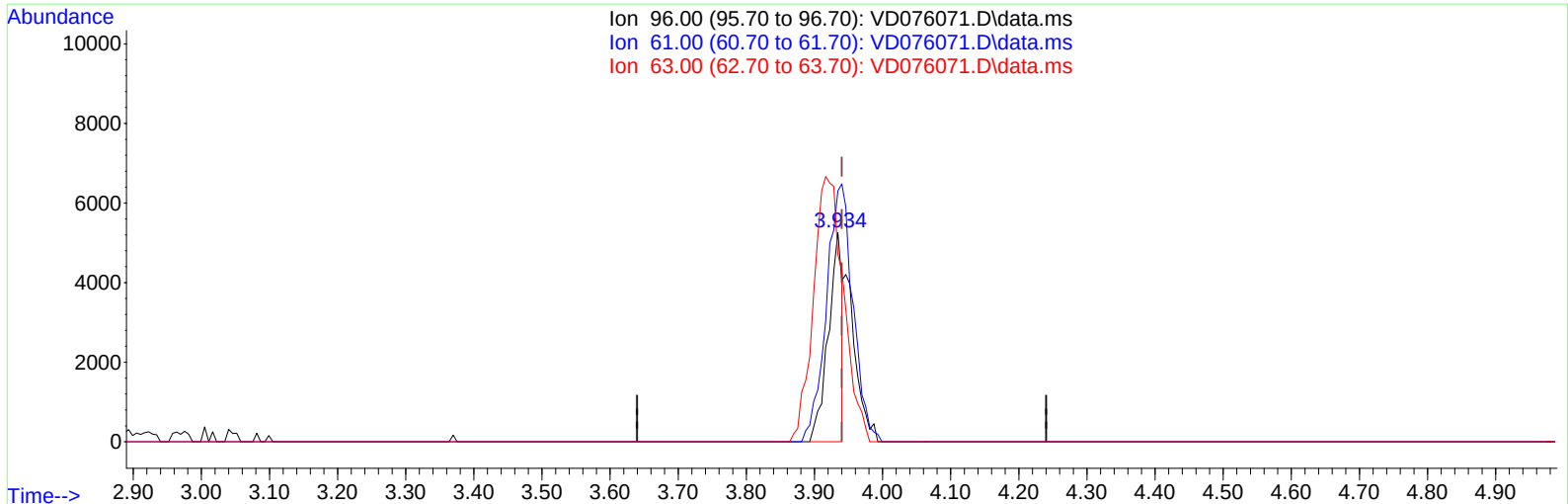
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
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 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

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 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
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TIC: VD076071.D\data.ms

(12) 1,1-Dichloroethene (T)

3.934min (-0.006) 1.56 ug/L

response 7374

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	132.30	119.85
63.00	110.60	89.47
0.00	0.00	0.00

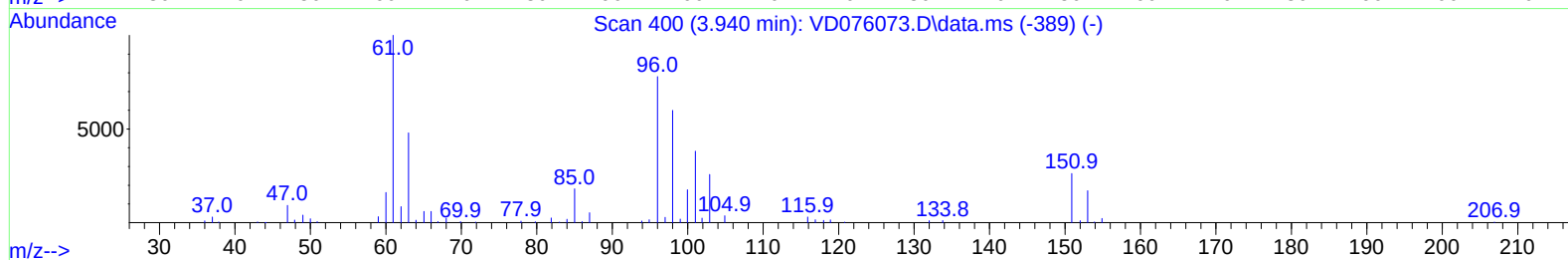
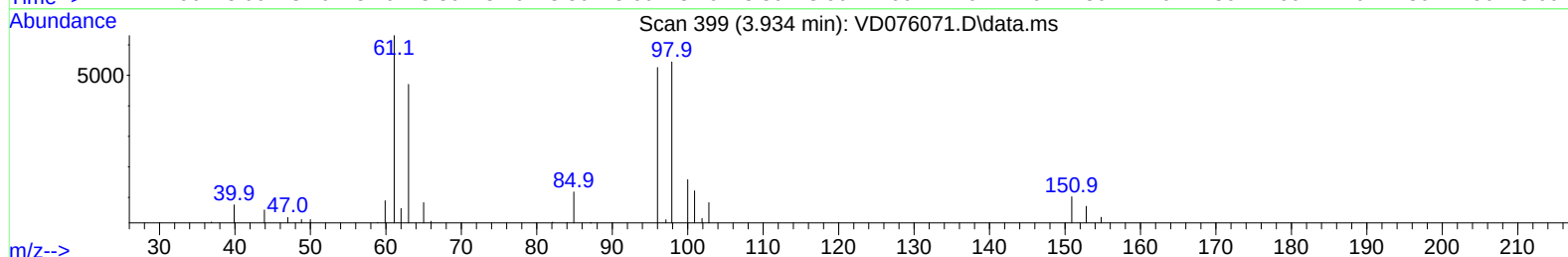
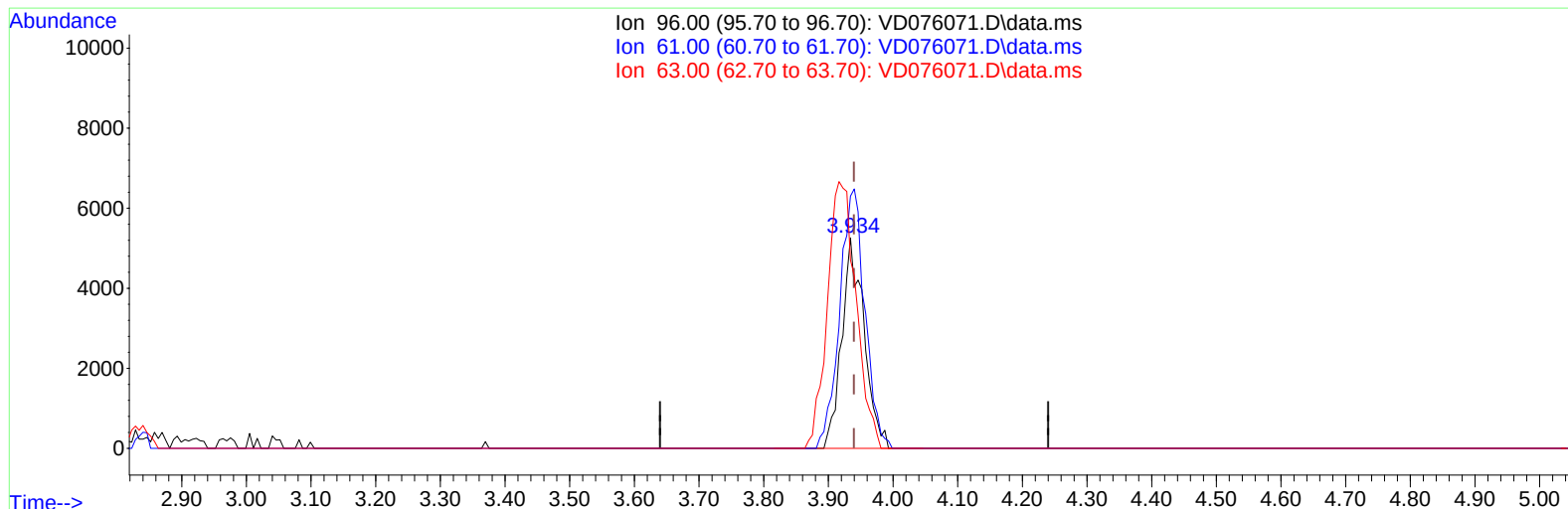
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
 Acq On : 11 May 2023 10:35
 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

Manual IntegrationsAPPROVED

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TIC: VD076071.D\data.ms

(12) 1,1-Dichloroethene (T)

3.934min (-0.006) 2.66 ug/L m

response 12573

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	132.30	119.85
63.00	110.60	89.47
0.00	0.00	0.00

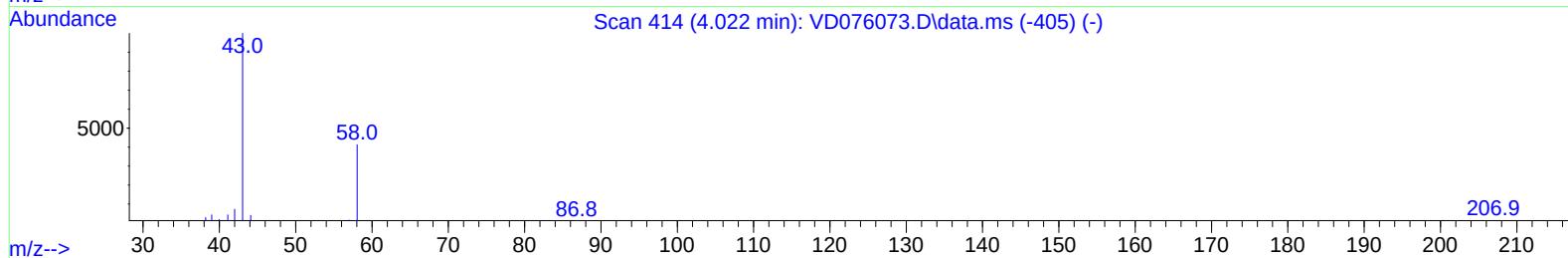
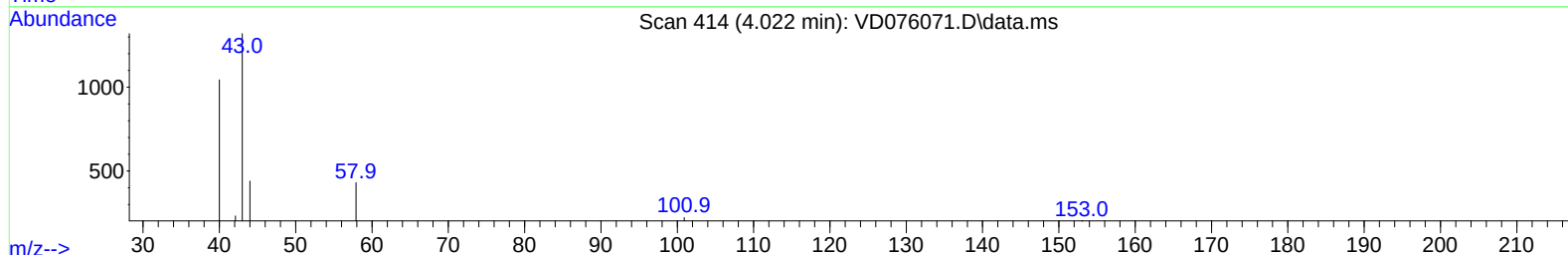
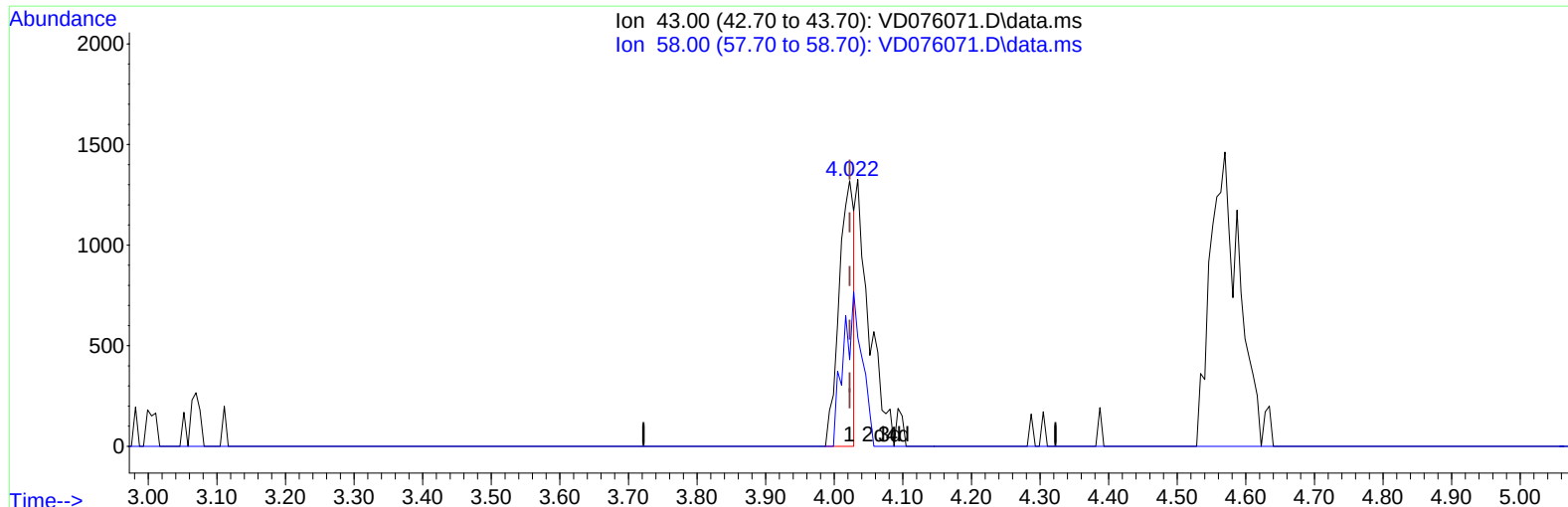
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
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 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

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TIC: VD076071.D\data.ms

(13) Acetone (T)

4.022min (+ 0.000) 2.77 ug/L

response	2031	
Ion	Exp%	Act%
43.00	100.00	100.00
58.00	43.70	70.11
0.00	0.00	0.00
0.00	0.00	0.00

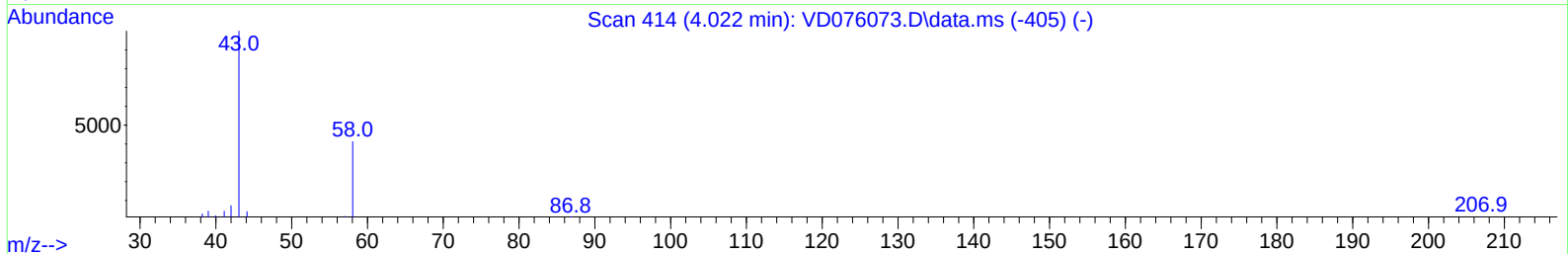
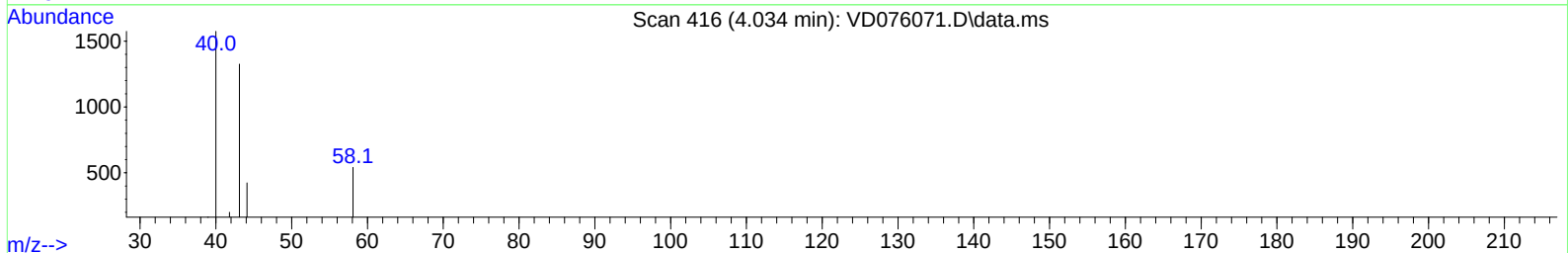
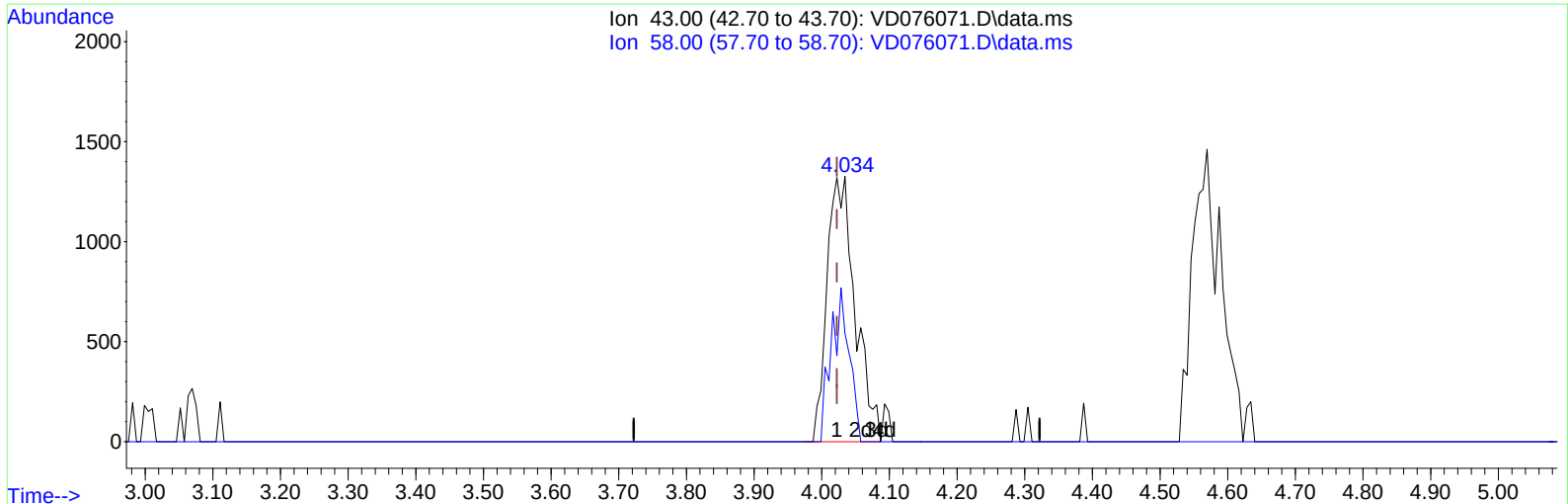
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
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 Sample : VSTD2.546
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Instrument :
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 ClientSampleId :
 VSTD2.5146

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TIC: VD076071.D\data.ms

(13) Acetone (T)

4.034min (+ 0.012) 5.22 ug/L m

response	3821	
Ion	Exp%	Act%
43.00	100.00	100.00
58.00	43.70	37.27
0.00	0.00	0.00
0.00	0.00	0.00

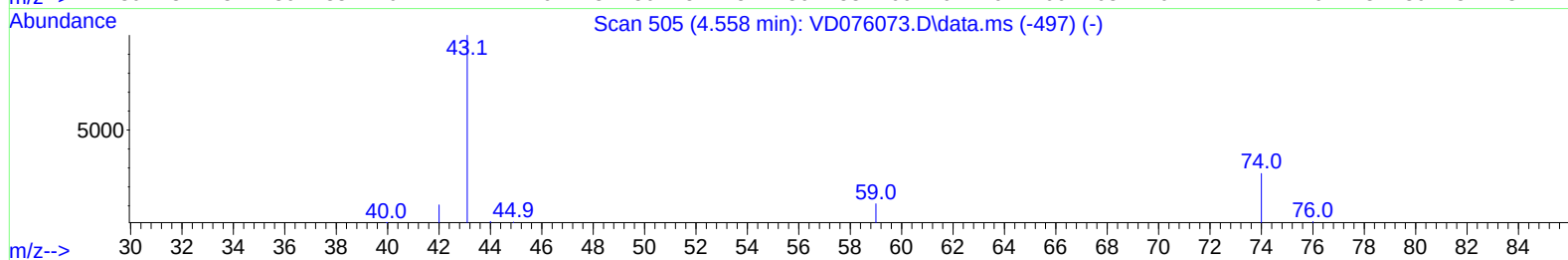
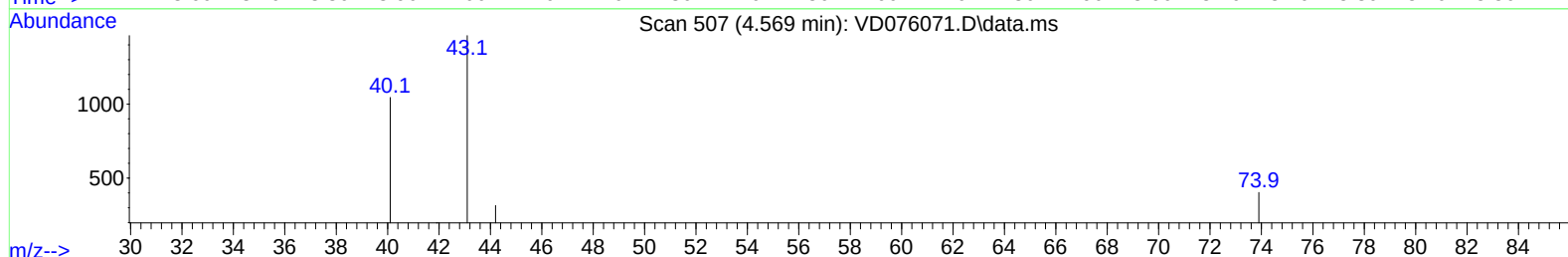
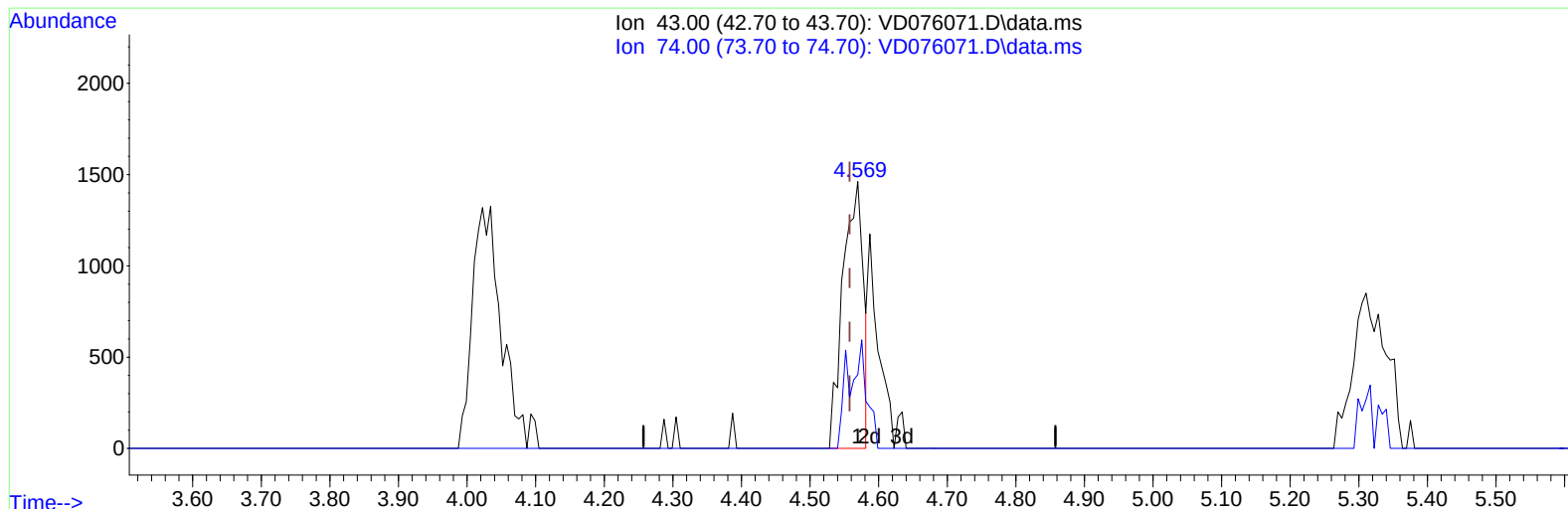
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
Data File : VD076071.D
Acq On : 11 May 2023 10:35
Operator : KP/SY
Sample : VSTD2.546
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: VD076071.D\data.ms

(15) Methyl Acetate (T)

4.569min (+ 0.012) 1.90 ug/L

response 2998

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	16.00	12.74#
0.00	0.00	0.00
0.00	0.00	0.00

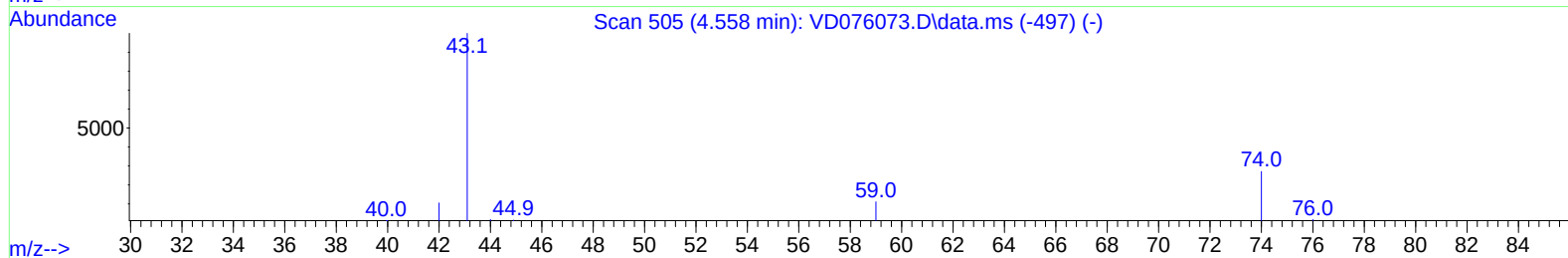
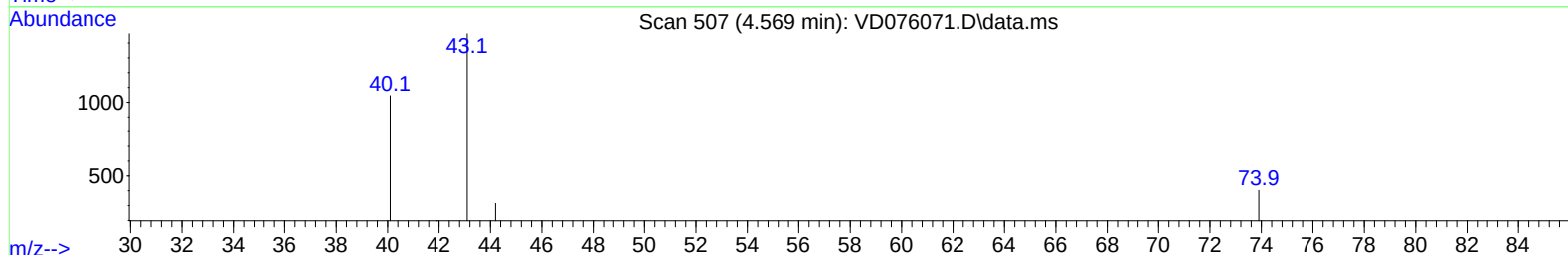
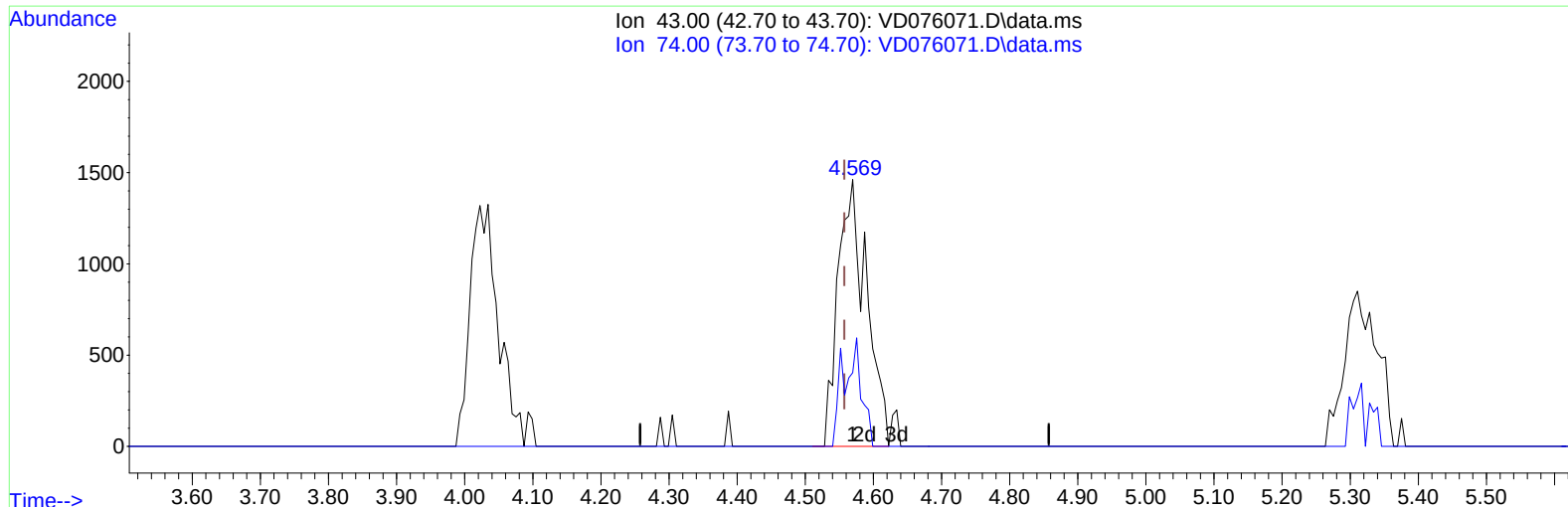
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Data File : VD076071.D
Acq On : 11 May 2023 10:35
Operator : KP/SY
Sample : VSTD2.546
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Manual IntegrationsAPPROVED

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Quant Time: May 12 01:48:38 2023
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Quant Title : SFAM01.0
QLast Update : Fri May 12 01:47:58 2023
Response via : Initial Calibration



TIC: VD076071.D\data.ms

(15) Methyl Acetate (T)

4.569min (+ 0.012) 2.68 ug/L m

response 4241

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	16.00	9.01#
0.00	0.00	0.00
0.00	0.00	0.00

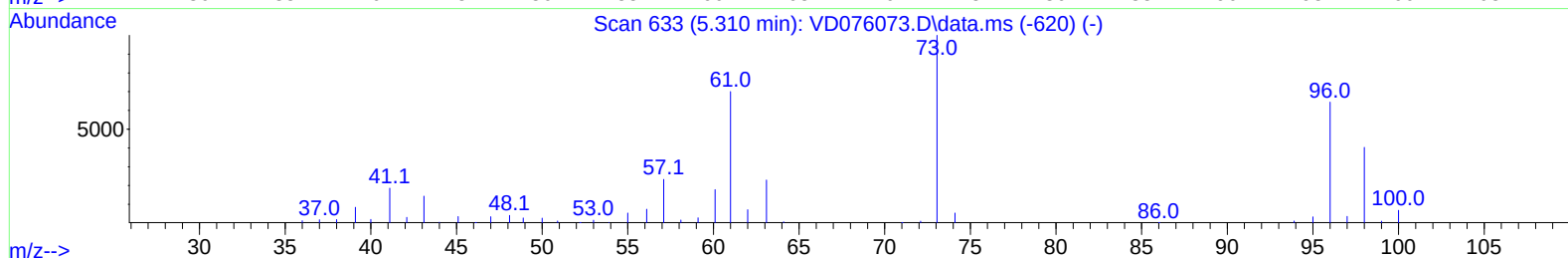
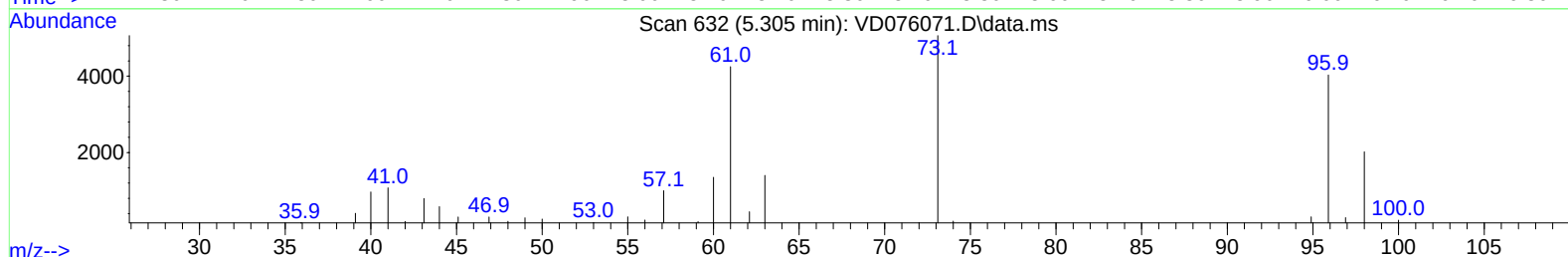
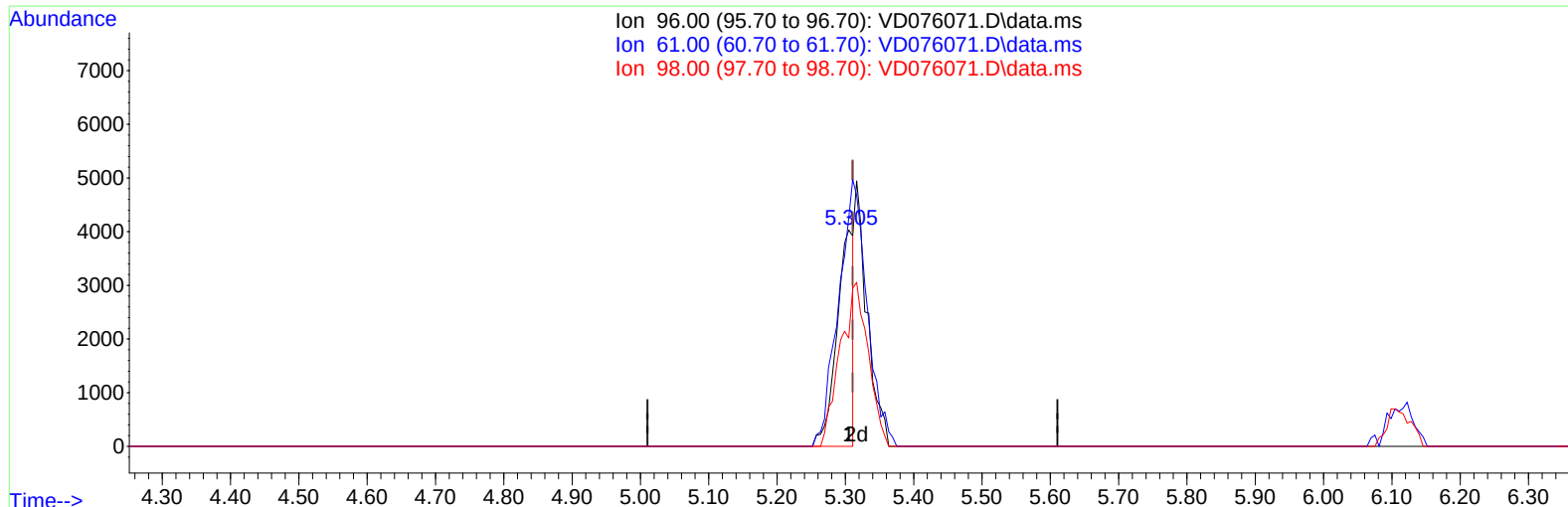
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 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD2.5146

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TIC: VD076071.D\data.ms

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

5.305min (-0.006) 1.37 ug/L

response 6940

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	104.20	105.43
98.00	61.40	50.09
0.00	0.00	0.00

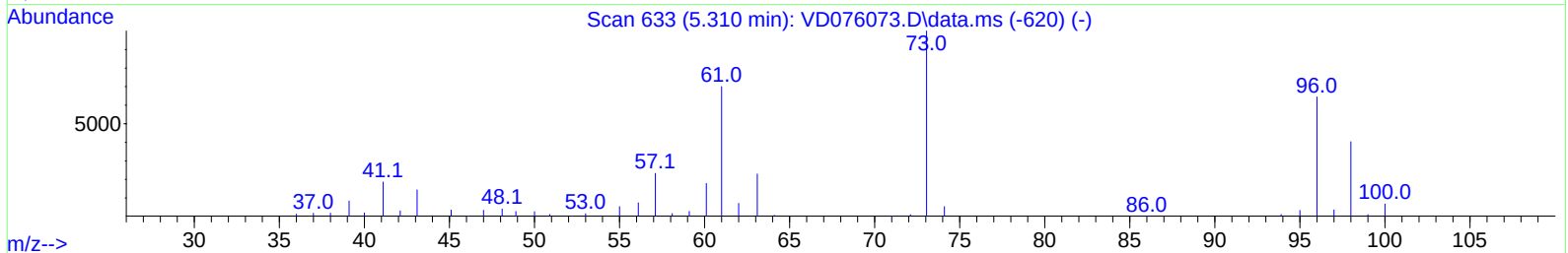
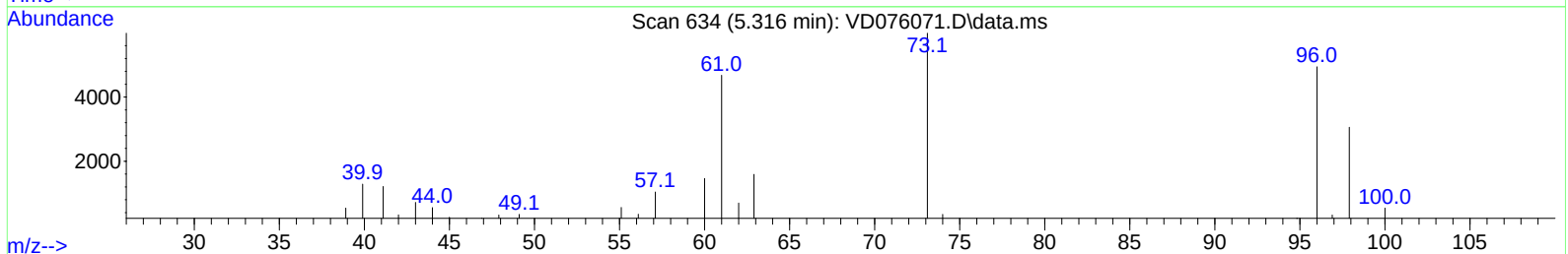
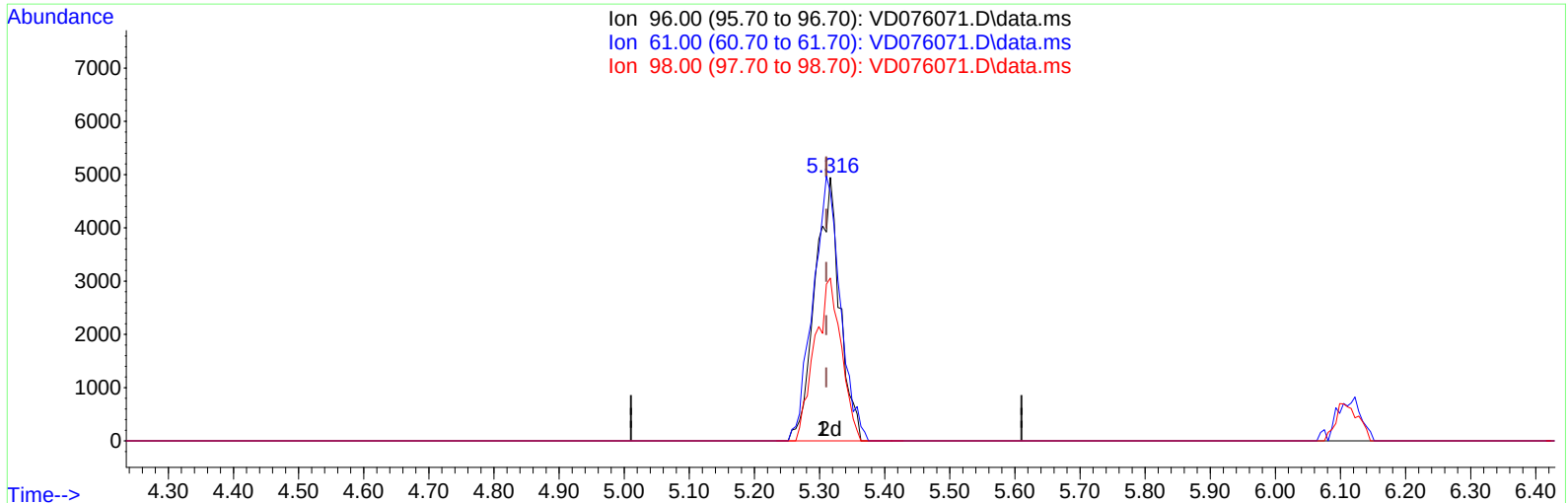
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Sample : VSTD2.546
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
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TIC: VD076071.D\data.ms

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

5.316min (+ 0.006) 2.59 ug/L m

response 13076

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	104.20	94.58
98.00	61.40	61.84
0.00	0.00	0.00

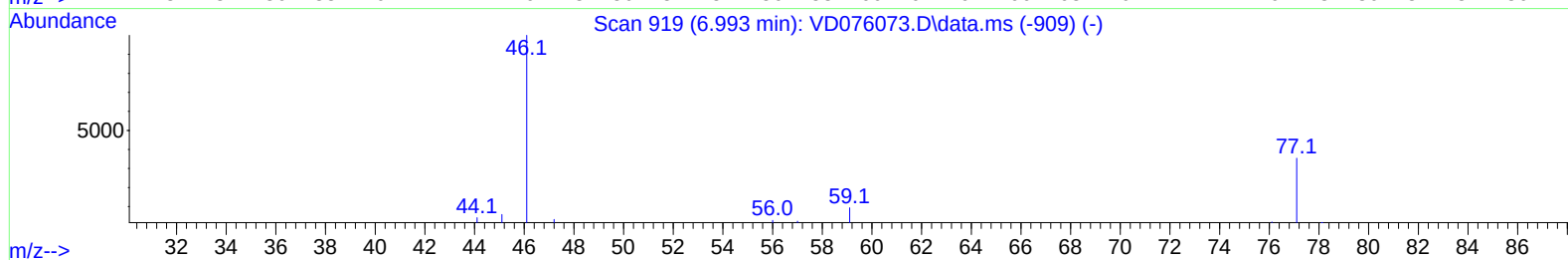
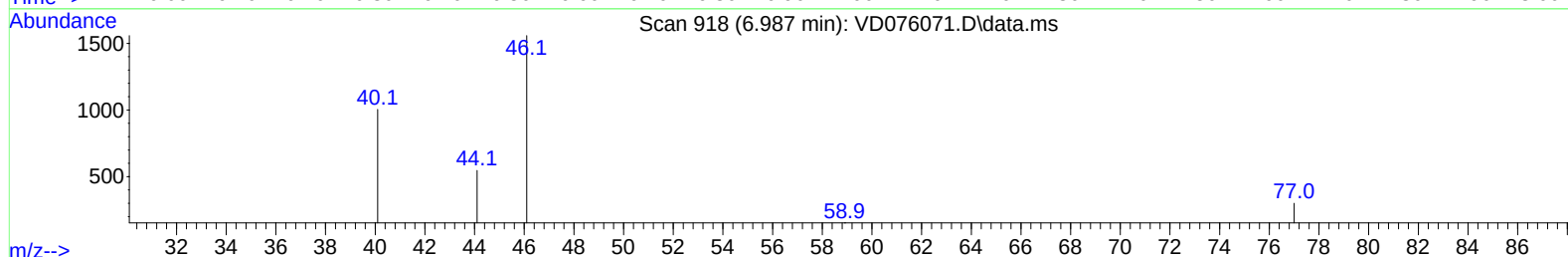
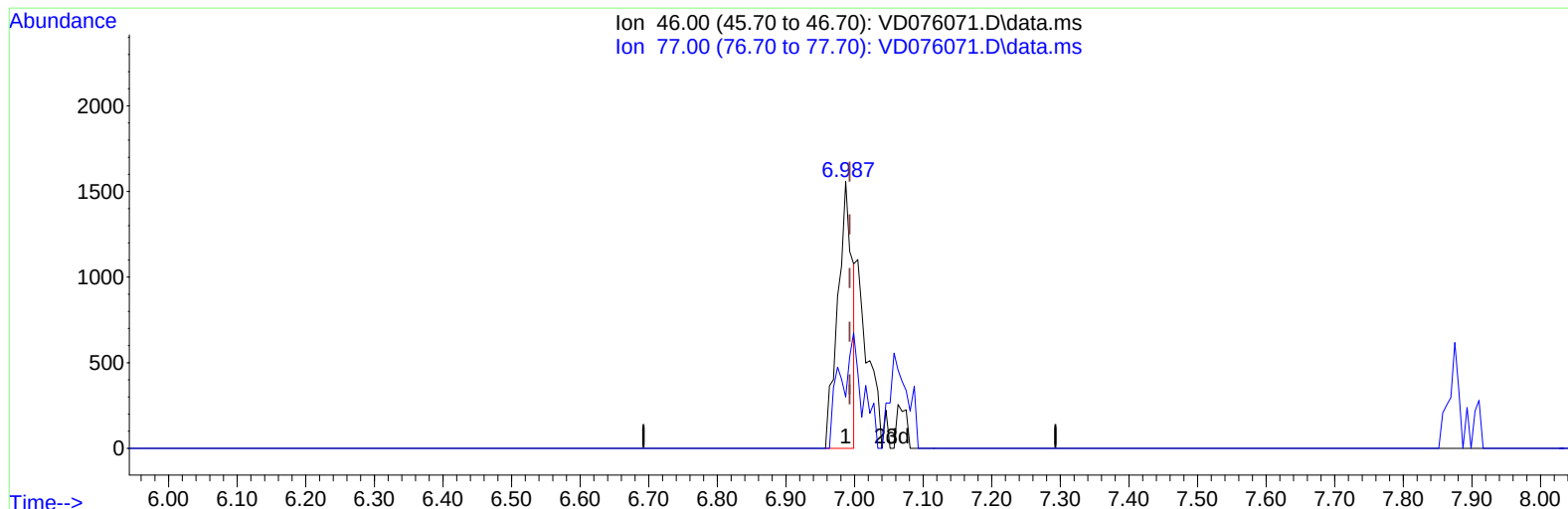
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Instrument :
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ClientSampleId :
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TIC: VD076071.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (-0.006) 2.77 ug/L

response 2297

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	33.50	19.81#
0.00	0.00	0.00
0.00	0.00	0.00

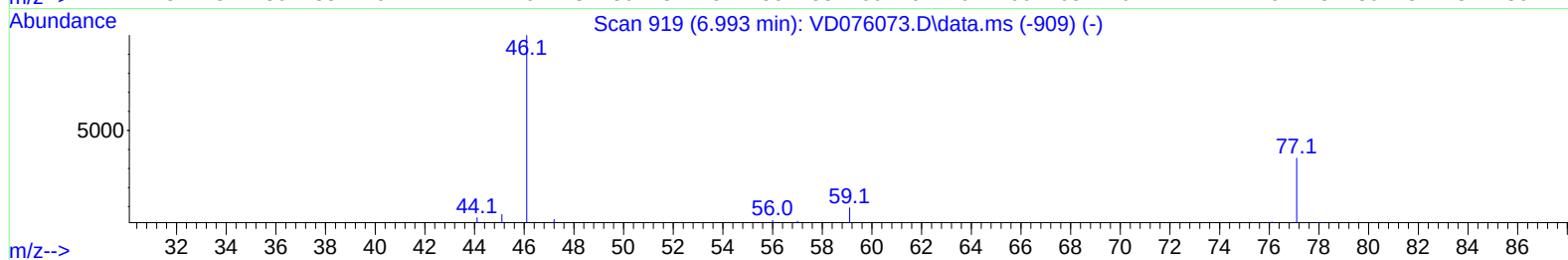
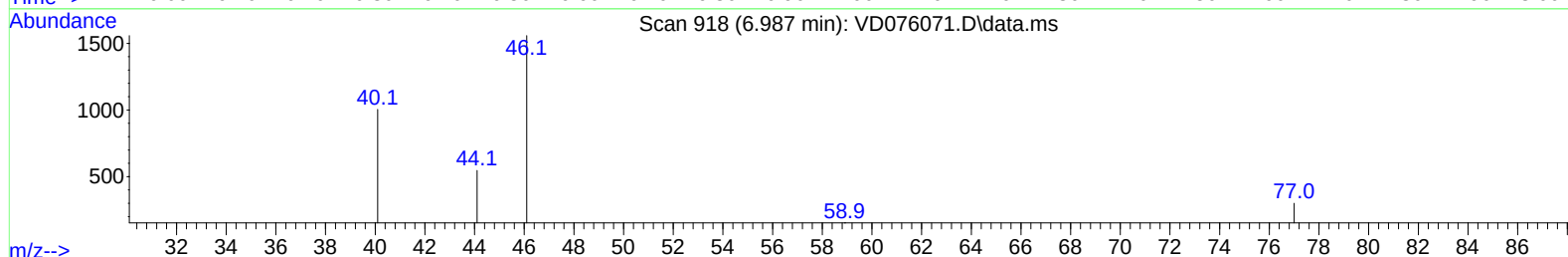
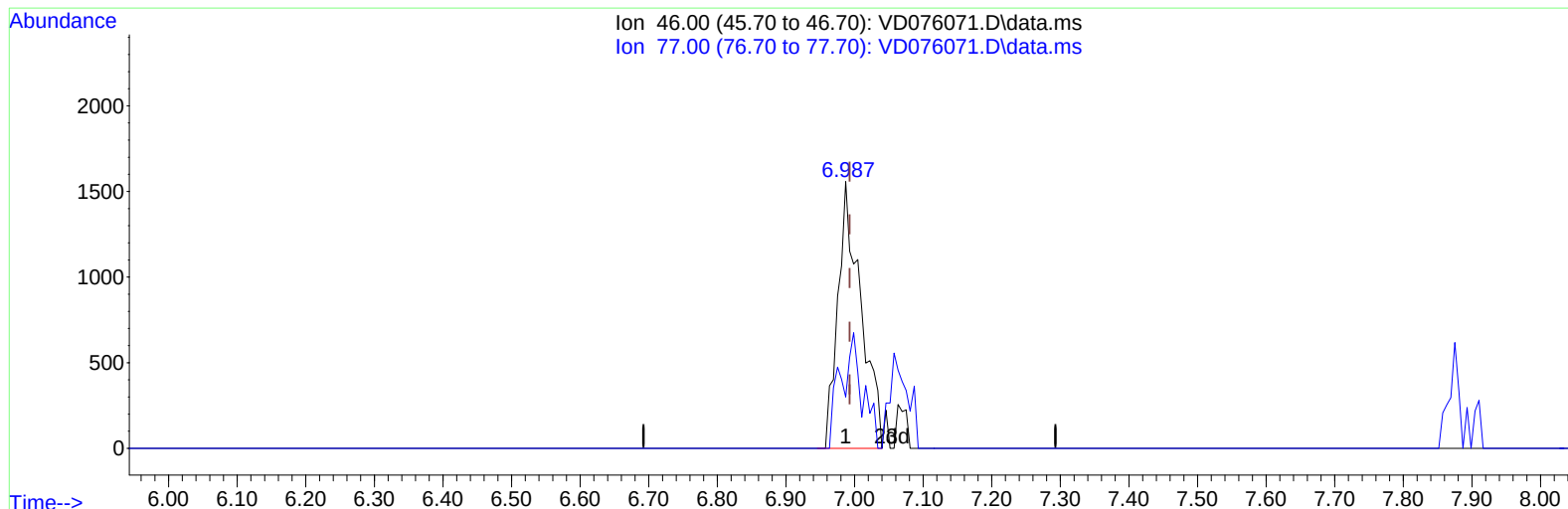
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VD076071.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (-0.006) 4.35 ug/L m

response 3607

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	33.50	12.61#
0.00	0.00	0.00
0.00	0.00	0.00

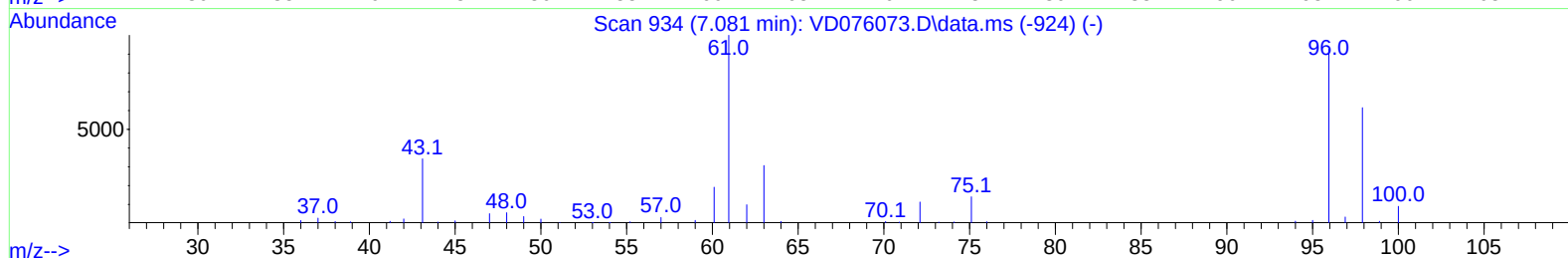
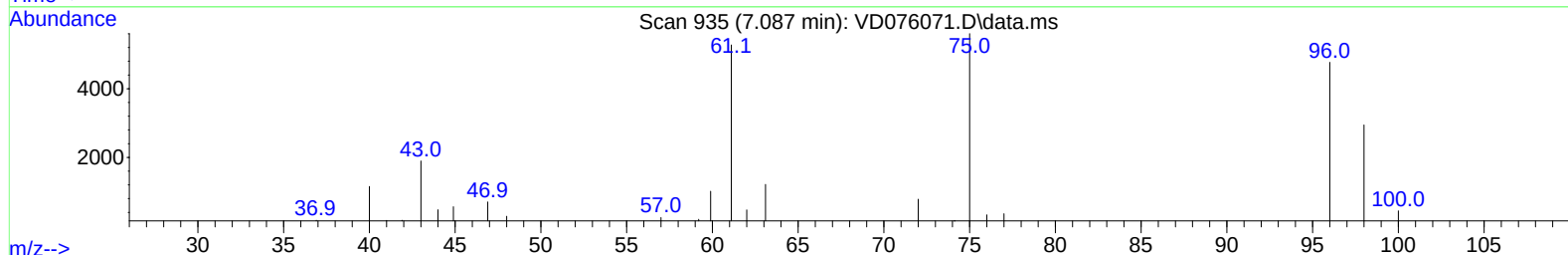
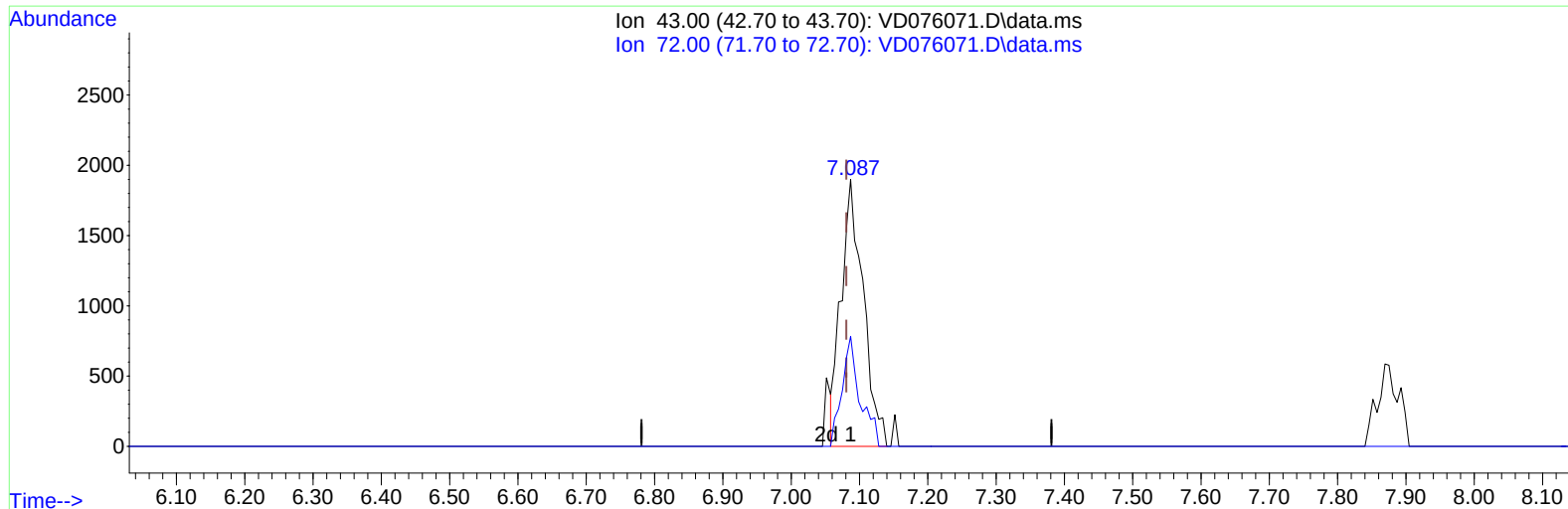
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 ClientSampleId :
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TIC: VD076071.D\data.ms

(22) 2-Butanone (T)

7.087min (+ 0.006) 4.19 ug/L

response 4287

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	41.00	27.97
0.00	0.00	0.00
0.00	0.00	0.00

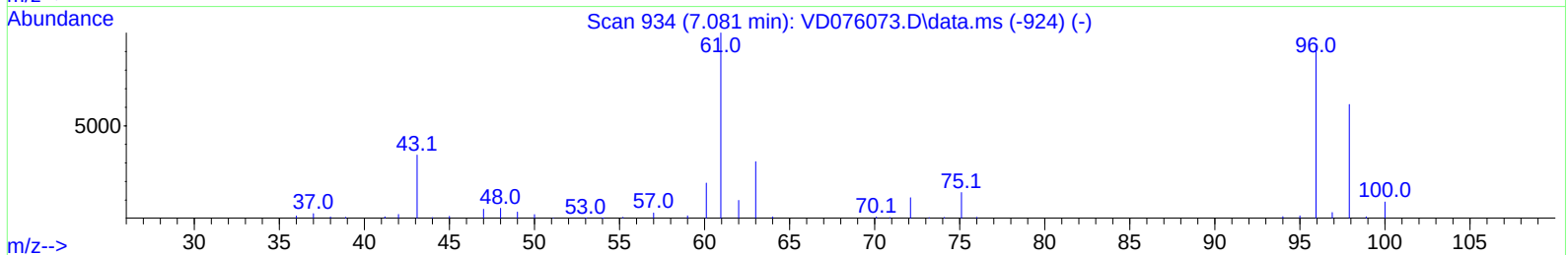
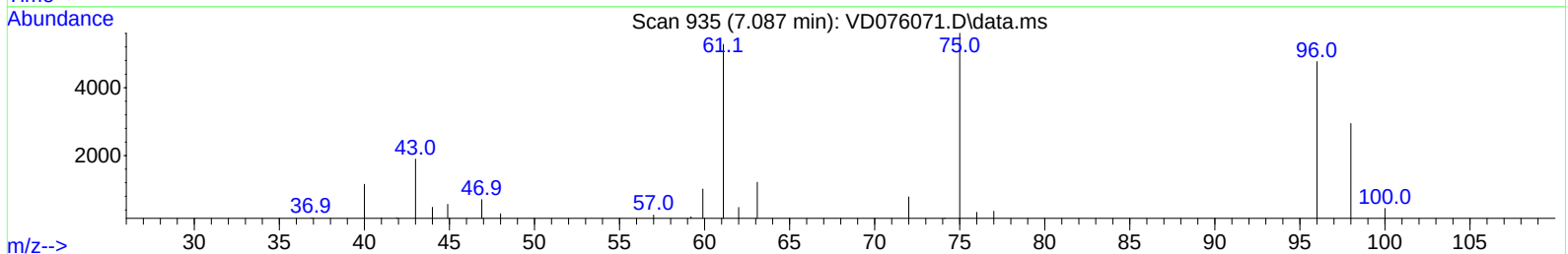
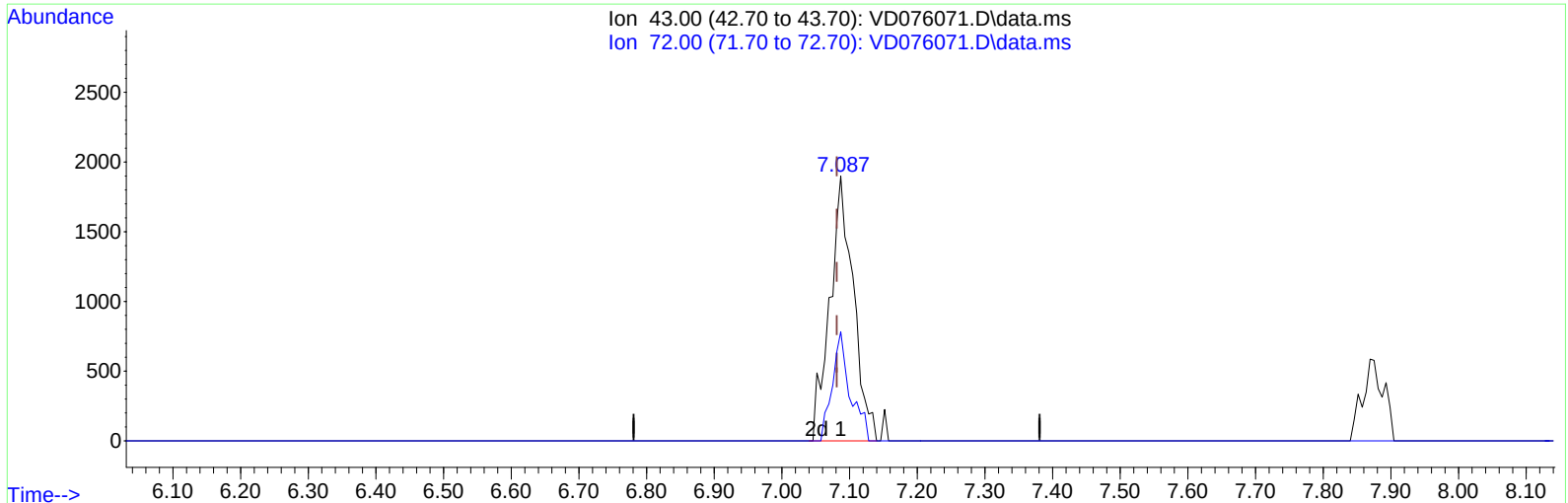
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
 Acq On : 11 May 2023 10:35
 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 12 01:48:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
 Response via : Initial Calibration



TIC: VD076071.D\data.ms

(22) 2-Butanone (T)

7.087min (+ 0.006) 4.49 ug/L m

response 4590

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	41.00	26.12
0.00	0.00	0.00
0.00	0.00	0.00

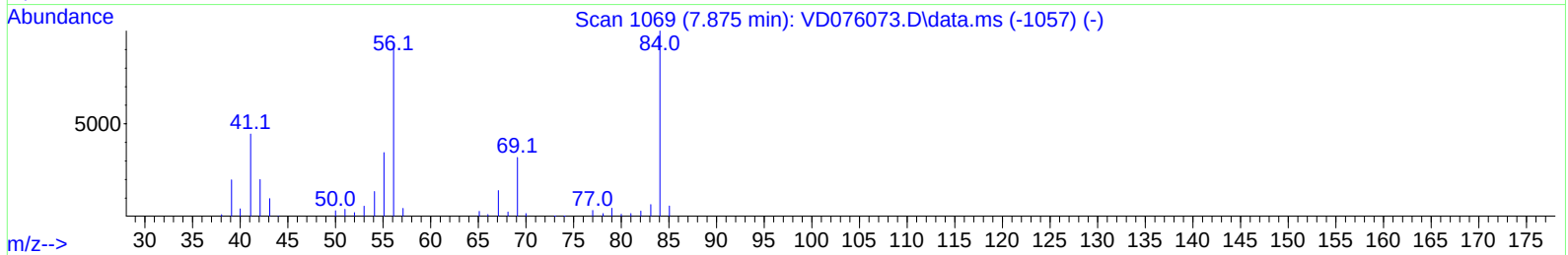
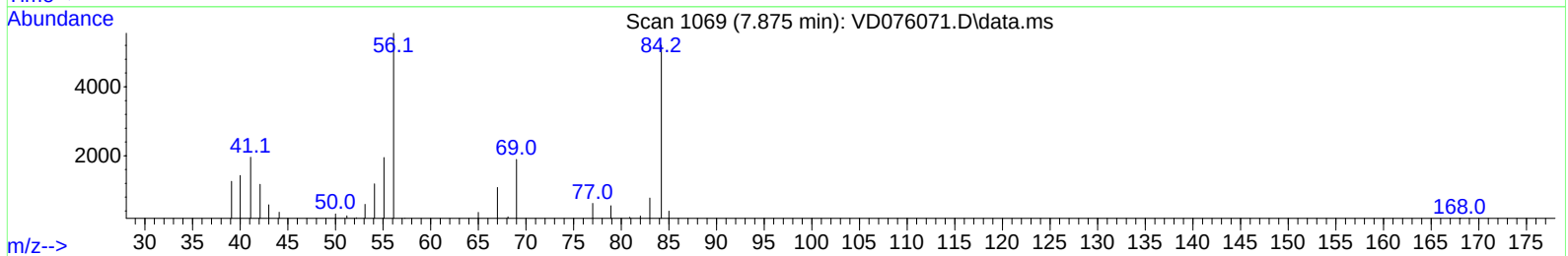
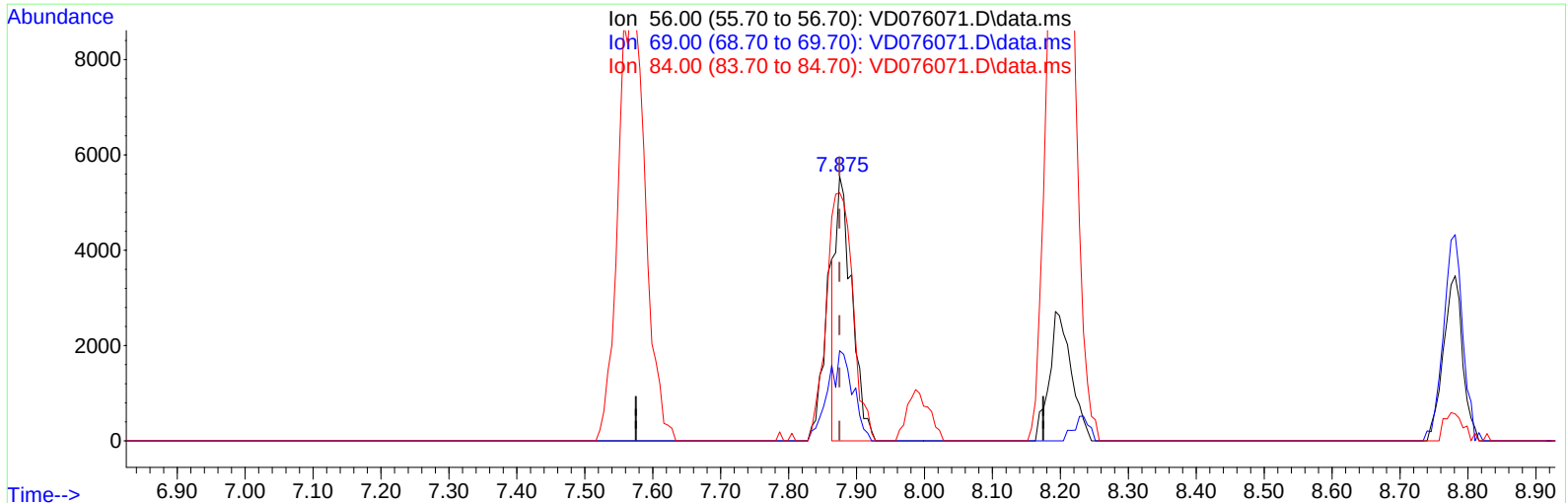
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
 Acq On : 11 May 2023 10:35
 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
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Instrument :
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 ClientSampleId :
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration



TIC: VD076071.D\data.ms

(29) Cyclohexane (T)

7.875min (+ 0.000) 1.54 ug/L

response 9211

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	35.20	31.57
84.00	115.50	150.20#
0.00	0.00	0.00

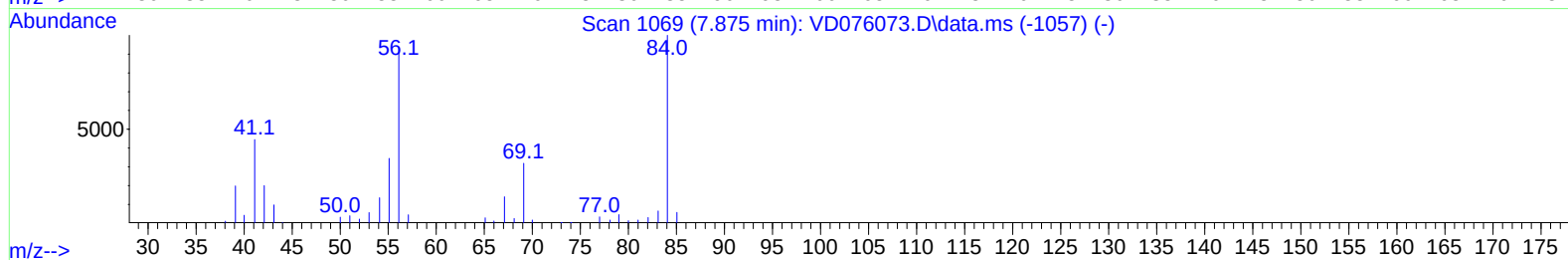
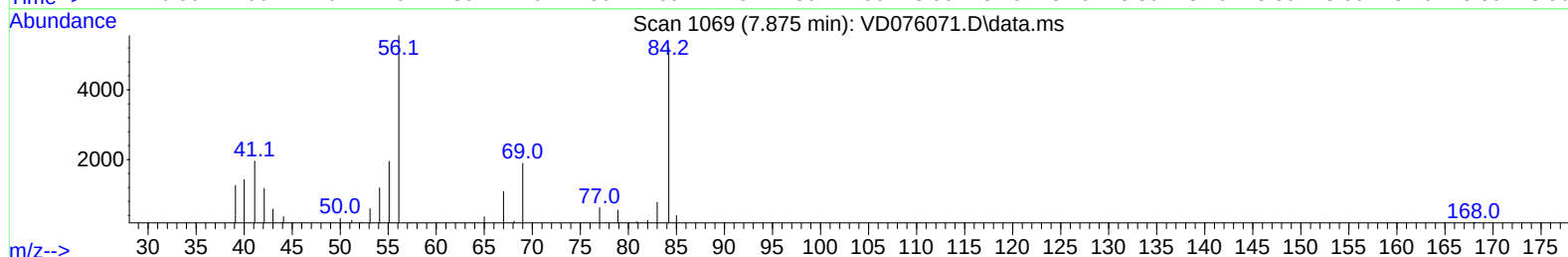
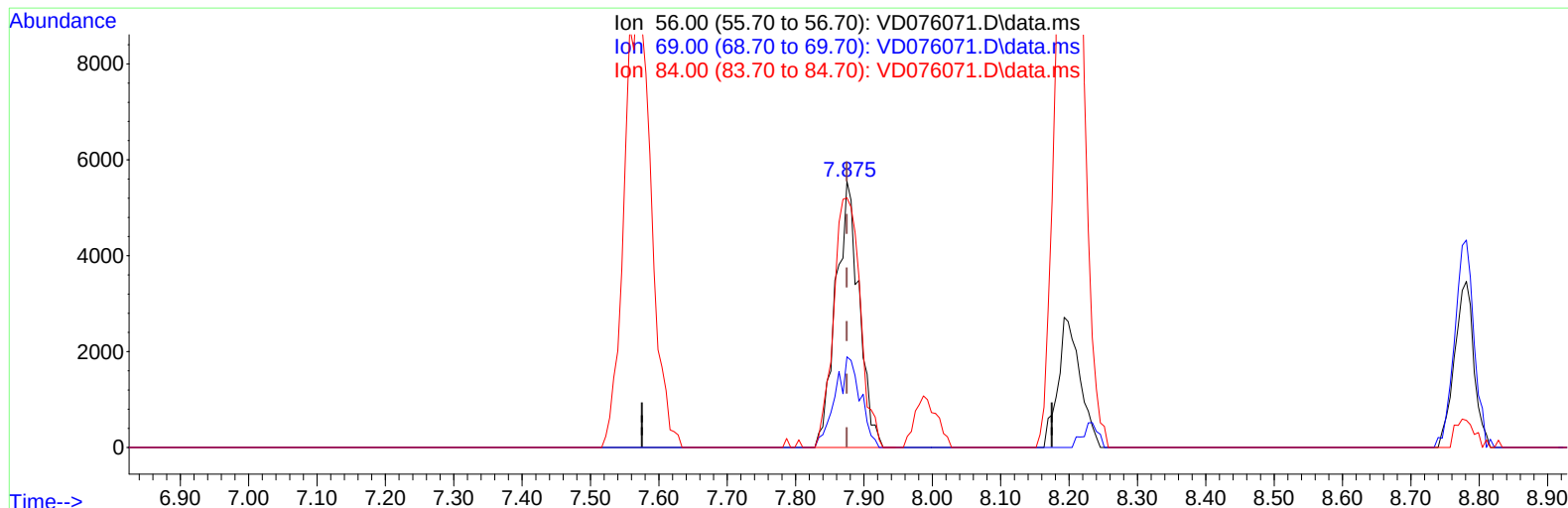
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
 Acq On : 11 May 2023 10:35
 Operator : KP/SY
 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD2.5146

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration



TIC: VD076071.D\data.ms

(29) Cyclohexane (T)

7.875min (+ 0.000) 2.19 ug/L m

response 13095

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	35.20	22.21#
84.00	115.50	105.65
0.00	0.00	0.00

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 Sample : VSTD2.546
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

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 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
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Reviewed By : John Carlone 05/12/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	397746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	360417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	180350	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	20339	3.343	ug/L	0.00
7) Chloroethane-d5	2.805	69	18199	3.258	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	4694m	3.064	ug/L	0.00
21) 2-Butanone-d5	6.987	46	3607m	4.355	ug/L	0.00
24) Chloroform-d	7.569	84	25879	3.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11153	3.044	ug/L	0.00
32) Benzene-d6	8.199	84	48537	2.987	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	15209	3.038	ug/L	0.00
41) Toluene-d8	10.269	98	40591	2.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.534	79	5385	2.865	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	3309	4.513	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	11645	2.701	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	15637	3.035	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	13183	2.650	ug/L	99
3) Chloromethane	2.146	50	19405	2.744	ug/L	86
5) Vinyl chloride	2.281	62	24992	2.768	ug/L	99
6) Bromomethane	2.687	94	15614	2.788	ug/L	96
8) Chloroethane	2.834	64	16397	2.830	ug/L	96
9) Trichlorofluoromethane	3.175	101	19921	2.695	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	14445	2.744	ug/L	98
12) 1,1-Dichloroethene	3.934	96	12573m	2.664	ug/L	
13) Acetone	4.034	43	3821m	5.216	ug/L	
14) Carbon disulfide	4.269	76	39384	2.680	ug/L	97
15) Methyl Acetate	4.569	43	4241m	2.683	ug/L	
16) Methylene chloride	4.793	84	17572	2.717	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	13076m	2.588	ug/L	
18) Methyl tert-butyl Ether	5.316	73	20384	2.273	ug/L #	89
19) 1,1-Dichloroethane	6.105	63	23904	2.776	ug/L	89
20) cis-1,2-Dichloroethene	7.075	96	13845	2.472	ug/L	91
22) 2-Butanone	7.087	43	4590m	4.487	ug/L	
23) Bromochloromethane	7.416	128	7243	2.645	ug/L #	95
25) Chloroform	7.593	83	25034	2.723	ug/L	98
27) 1,2-Dichloroethane	8.328	62	12759	2.633	ug/L #	91
29) Cyclohexane	7.875	56	13095m	2.190	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	20294	2.772	ug/L	99
31) Carbon tetrachloride	7.993	117	14528	2.519	ug/L	100
33) Benzene	8.252	78	49637	2.477	ug/L	100
34) Trichloroethene	9.022	95	14283	2.762	ug/L	91
35) Methylcyclohexane	9.275	83	17774	2.268	ug/L	91
37) 1,2-Dichloropropane	9.305	63	12980	2.540	ug/L #	95
38) Bromodichloromethane	9.587	83	17499	2.672	ug/L #	91
39) cis-1,3-Dichloropropene	10.016	75	17492	2.376	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	8749	4.247	ug/L	90
42) Toluene	10.334	91	50088	2.342	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	14650	2.385	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.734	97	10711	2.595	ug/L	94
46) Tetrachloroethene	10.810	164	11262	2.606	ug/L	89
48) 2-Hexanone	10.922	43	6330	4.234	ug/L #	85
49) Dibromochloromethane	11.075	129	11447	2.571	ug/L	95
50) 1,2-Dibromoethane	11.181	107	9031	2.478	ug/L #	93
51) Chlorobenzene	11.604	112	38525	2.646	ug/L	99
52) Ethylbenzene	11.687	91	53179	2.396	ug/L	99
53) m,p-Xylene	11.798	106	19285	2.229	ug/L	90
54) o-Xylene	12.122	106	17698	2.156	ug/L	95
55) Styrene	12.134	104	31347	2.156	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	11466	2.482	ug/L #	99
59) Bromoform	12.298	173	7119	2.716	ug/L #	93
60) Isopropylbenzene	12.422	105	45818	2.237	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	7614	2.625	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	33482	2.131	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	32810	2.184	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	27360	2.573	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	30289	2.739	ug/L	92
67) 1,2-Dichlorobenzene	13.834	146	26250	2.707	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	1563	2.686	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.592	180	18734	2.773	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	12418	2.323	ug/L	97
71) Naphthalene	15.334	128	21625	2.152	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	11510	2.367	ug/L	98

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

