

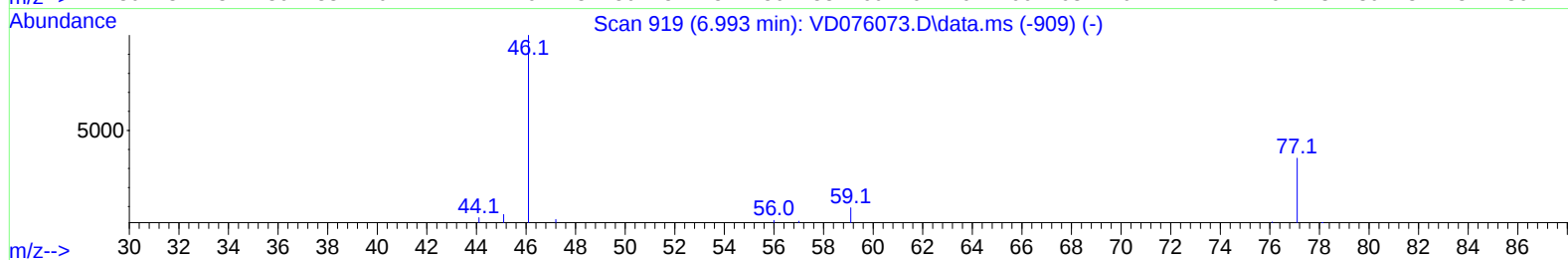
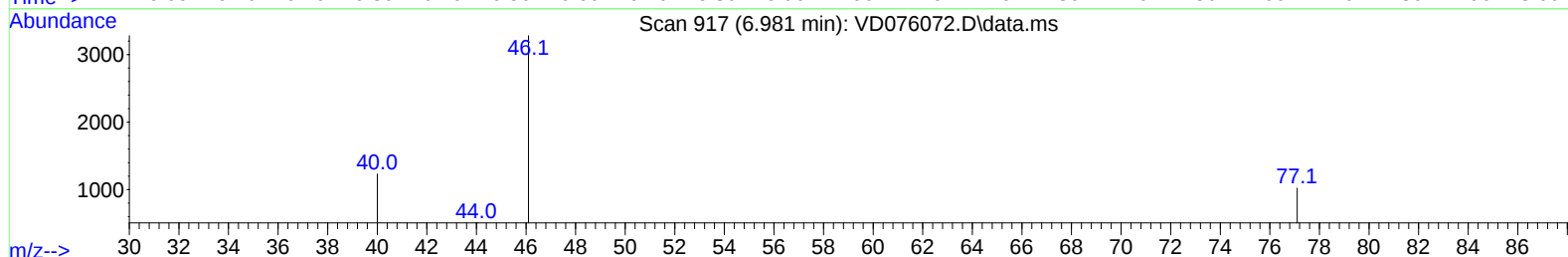
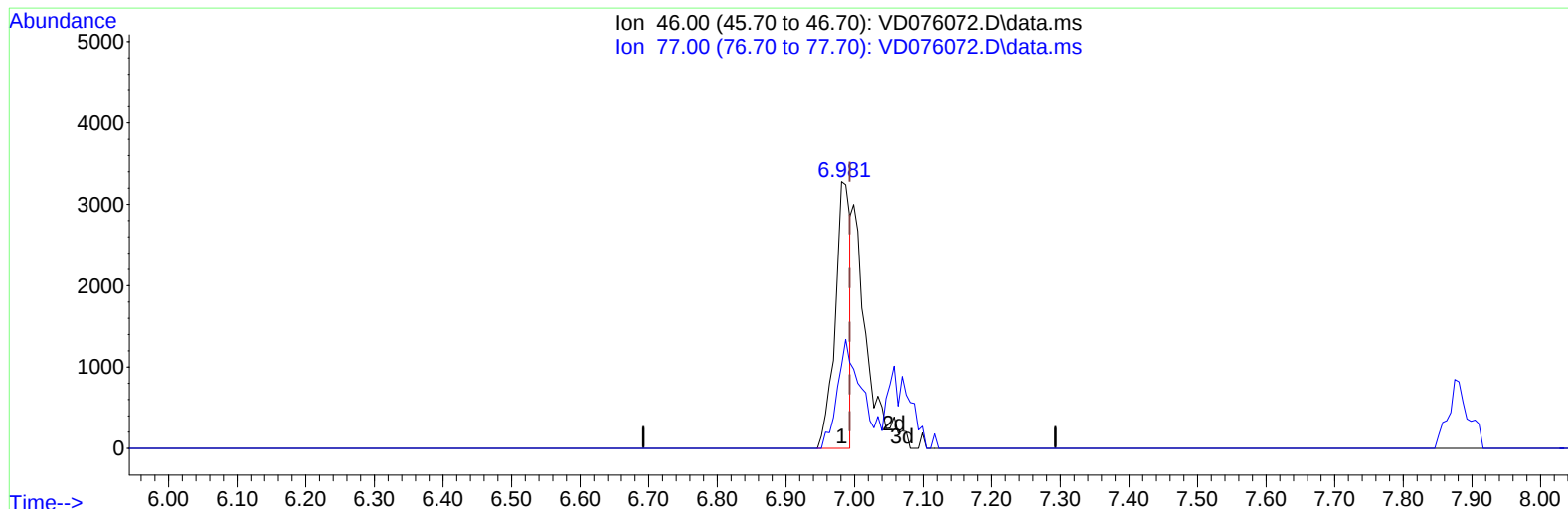
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
Data File : VD076072.D
Acq On : 11 May 2023 11:04
Operator : KP/SY
Sample : VSTD00547
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

Manual IntegrationsAPPROVED

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

Quant Time: May 12 01:48:55 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: VD076072.D\data.ms

(21) 2-Butanone-d5 (S)

6.981min (-0.012) 6.00 ug/L

response 4947

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	33.50	62.32#
0.00	0.00	0.00
0.00	0.00	0.00

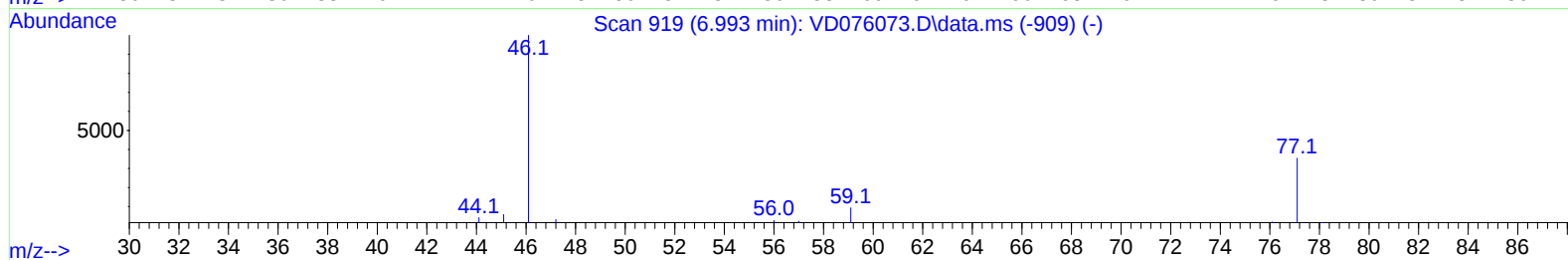
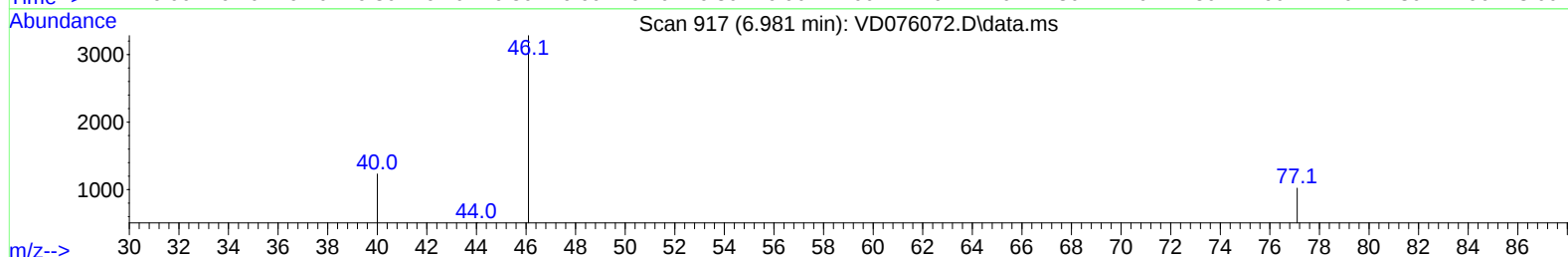
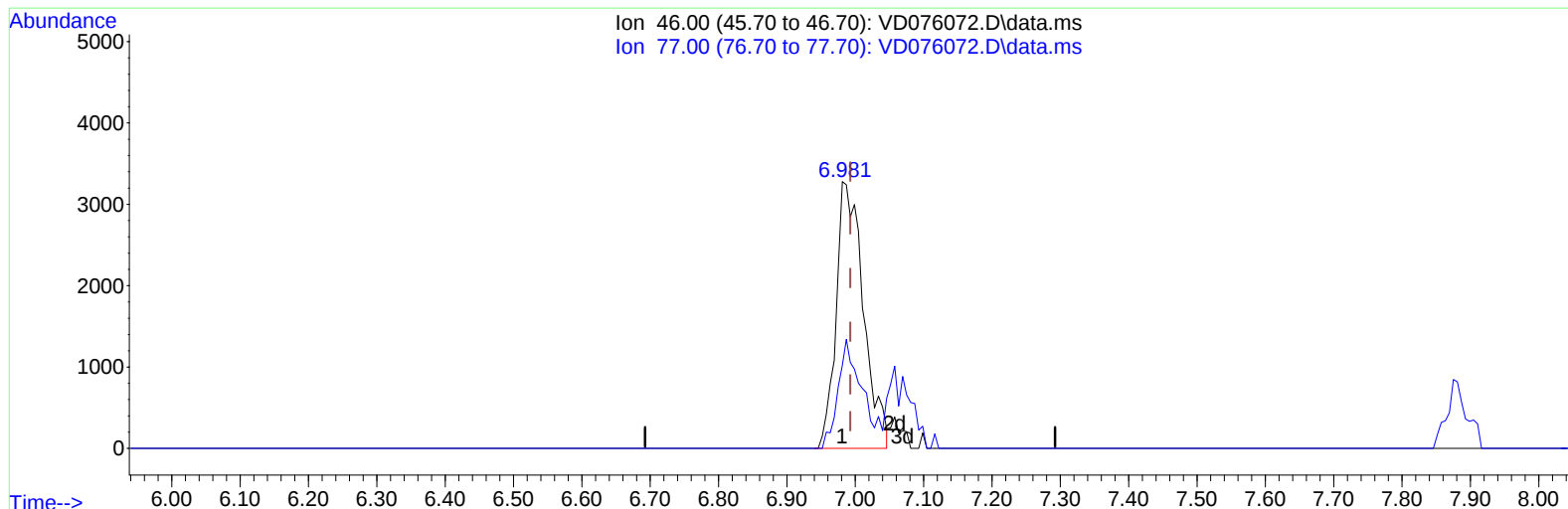
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TIC: VD076072.D\data.ms

(21) 2-Butanone-d5 (S)

6.981min (-0.012) 10.98 ug/L m

response 9049

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	33.50	34.07
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	395698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	364144	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	173828	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38785	6.407	ug/L	0.00
7) Chloroethane-d5	2.799	69	35364	6.363	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	9972	6.544	ug/L	0.00
21) 2-Butanone-d5	6.981	46	9049m	10.981	ug/L	-0.01
24) Chloroform-d	7.563	84	49008	5.912	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	22380	6.139	ug/L	0.00
32) Benzene-d6	8.199	84	96718	5.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	30088	5.948	ug/L	0.00
41) Toluene-d8	10.269	98	85832	5.867	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	10912	5.746	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	7298	9.852	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	24487	5.621	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	29127	5.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24934	5.038	ug/L	97
3) Chloromethane	2.146	50	37807	5.374	ug/L	96
5) Vinyl chloride	2.281	62	46353	5.161	ug/L	99
6) Bromomethane	2.687	94	28202	5.062	ug/L	99
8) Chloroethane	2.828	64	29669	5.148	ug/L	99
9) Trichlorofluoromethane	3.170	101	38945	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	27377	5.227	ug/L #	84
12) 1,1-Dichloroethene	3.946	96	22395	4.770	ug/L #	76
13) Acetone	4.028	43	7984	10.956	ug/L	70
14) Carbon disulfide	4.269	76	75643	5.175	ug/L	96
15) Methyl Acetate	4.558	43	8430	5.362	ug/L #	78
16) Methylene chloride	4.805	84	45306	7.041	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	24949	4.964	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	42116	4.722	ug/L #	93
19) 1,1-Dichloroethane	6.116	63	44730	5.221	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	27919	5.010	ug/L	98
22) 2-Butanone	7.081	43	10571	10.388	ug/L	89
23) Bromochloromethane	7.428	128	14438	5.301	ug/L #	90
25) Chloroform	7.599	83	48632	5.316	ug/L	98
27) 1,2-Dichloroethane	8.328	62	24956	5.177	ug/L	97
29) Cyclohexane	7.881	56	25947	4.296	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	37525	5.073	ug/L	99
31) Carbon tetrachloride	7.993	117	28885	4.957	ug/L	100
33) Benzene	8.252	78	101502	5.014	ug/L	100
34) Trichloroethene	9.028	95	25966	4.969	ug/L	89
35) Methylcyclohexane	9.275	83	35444	4.477	ug/L	95
37) 1,2-Dichloropropane	9.304	63	26556	5.143	ug/L	100
38) Bromodichloromethane	9.581	83	33786	5.107	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	34211	4.600	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	19221	9.235	ug/L	96
42) Toluene	10.334	91	102758	4.755	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	29768	4.796	ug/L	97

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

45) 1,1,2-Trichloroethane	10.734	97	22436	5.381	ug/L	96
46) Tetrachloroethene	10.810	164	22494	5.153	ug/L	98
48) 2-Hexanone	10.922	43	13728	9.089	ug/L #	88
49) Dibromochloromethane	11.075	129	23299	5.179	ug/L	95
50) 1,2-Dibromoethane	11.175	107	19943	5.416	ug/L	88
51) Chlorobenzene	11.610	112	76608	5.208	ug/L	99
52) Ethylbenzene	11.687	91	104874	4.677	ug/L	96
53) m,p-Xylene	11.793	106	40929	4.681	ug/L	99
54) o-Xylene	12.122	106	39070	4.712	ug/L	99
55) Styrene	12.134	104	67293	4.581	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	24358	5.218	ug/L #	95
59) Bromoform	12.304	173	13946	5.521	ug/L	99
60) Isopropylbenzene	12.422	105	97413	4.936	ug/L	98
61) 1,2,3-Trichloropropane	12.734	75	15492	5.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	70687	4.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	63495	4.384	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	53635	5.234	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	56735	5.322	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	47459	5.078	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	2907	5.183	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.592	180	32050	4.922	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	25552	4.958	ug/L	98
71) Naphthalene	15.334	128	43457	4.488	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	23477	5.010	ug/L	96

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

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