

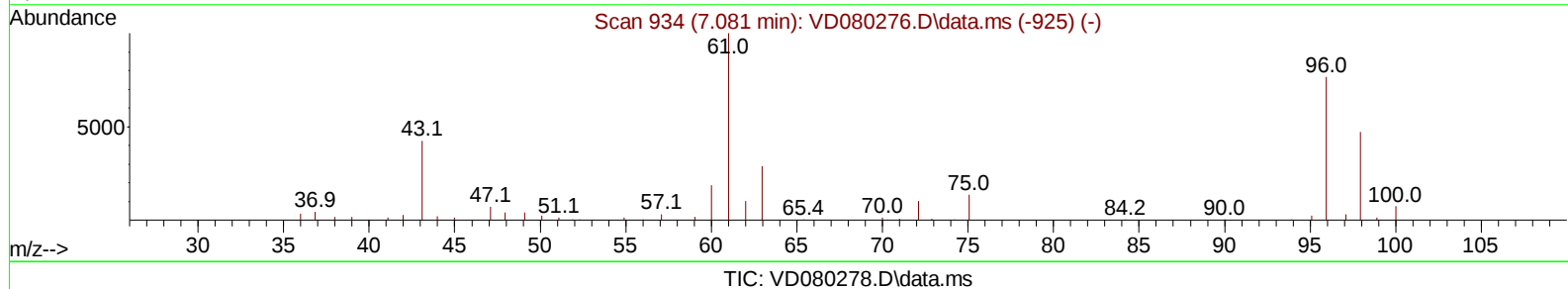
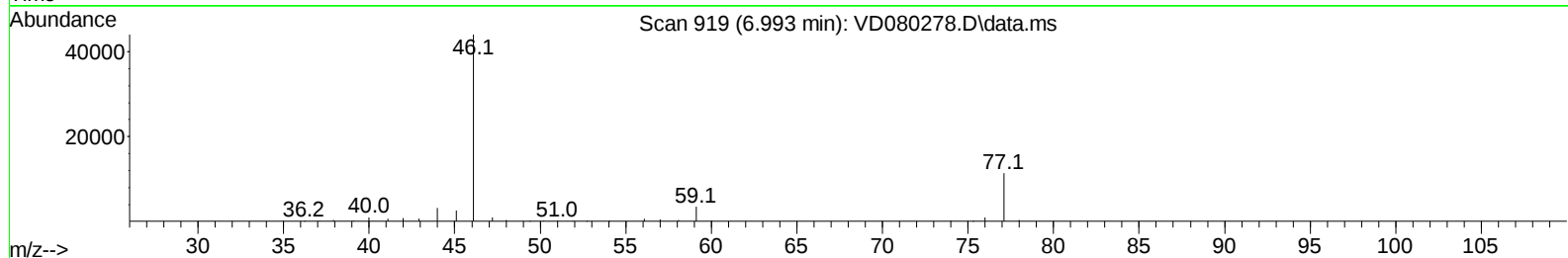
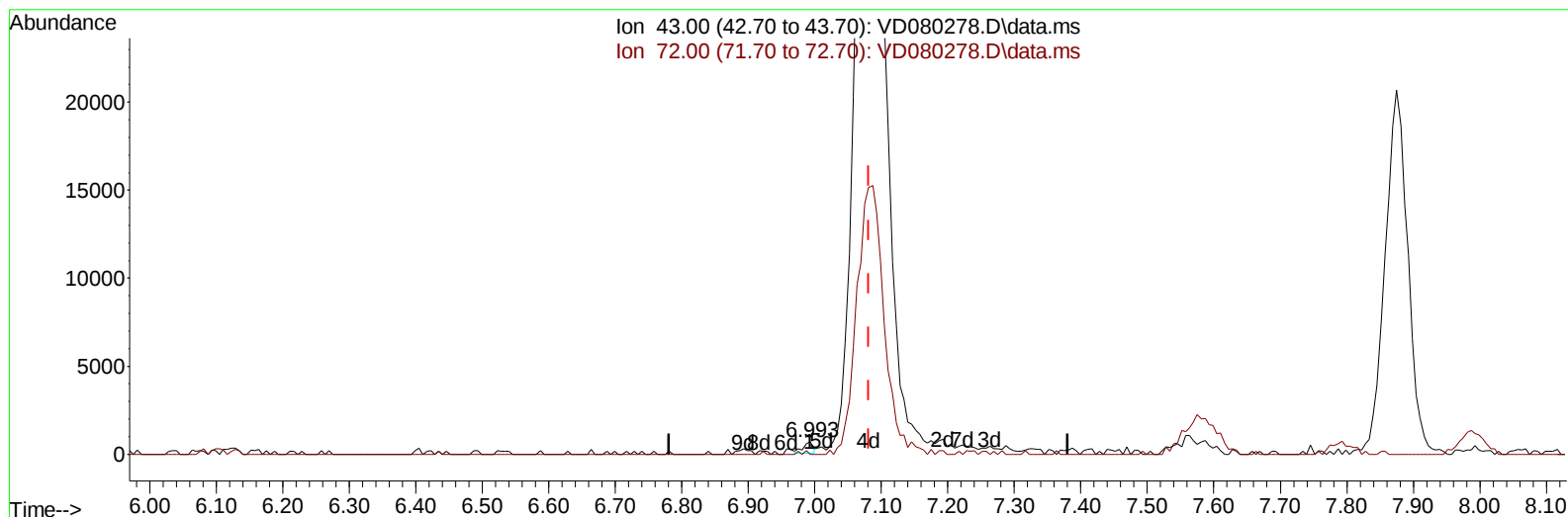
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080278.D
 Acq On : 18 Mar 2025 12:28
 Operator : RP/MD
 Sample : VSTD10074
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100874

Manual IntegrationsAPPROVED

Quant Time: Mar 24 09:12:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:08:12 2025
 Response via : Initial Calibration

Reviewed By :Romaben Patel 03/24/2025
 Supervised By :Mahesh Dadoda 03/25/2025



(22) 2-Butanone (T)

6.993min (-0.088) 0.74 ug/L

response 698

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.90	10.32
0.00	0.00	0.00
0.00	0.00	0.00

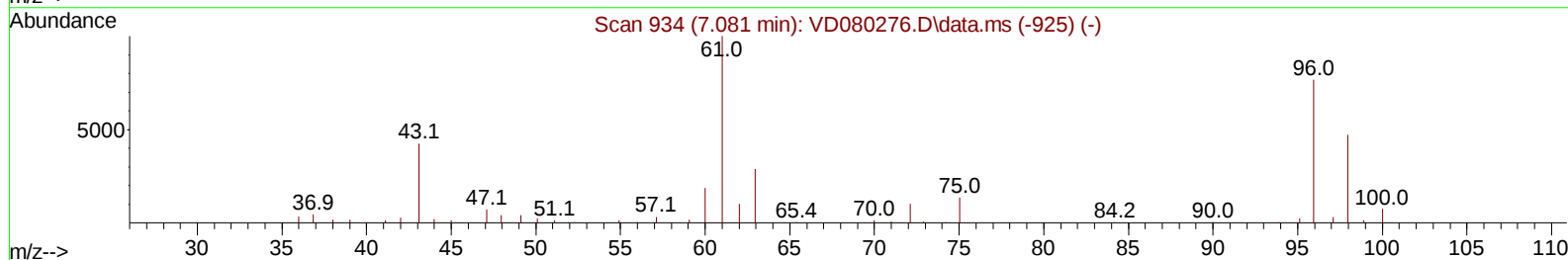
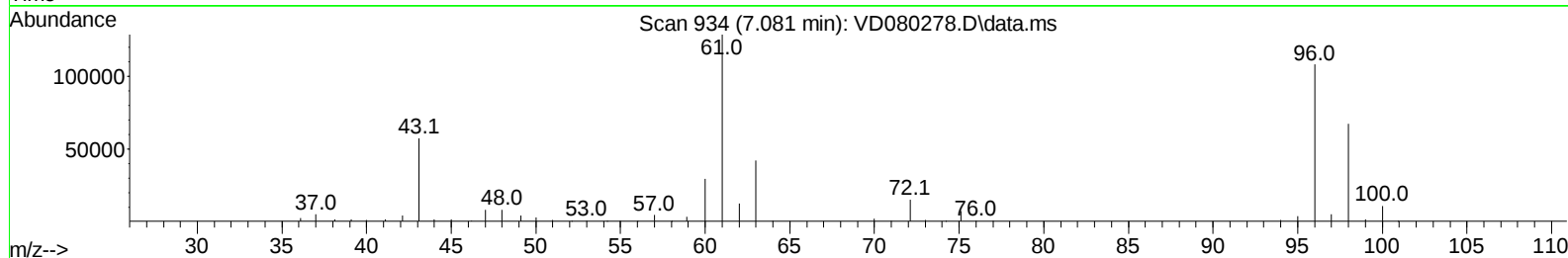
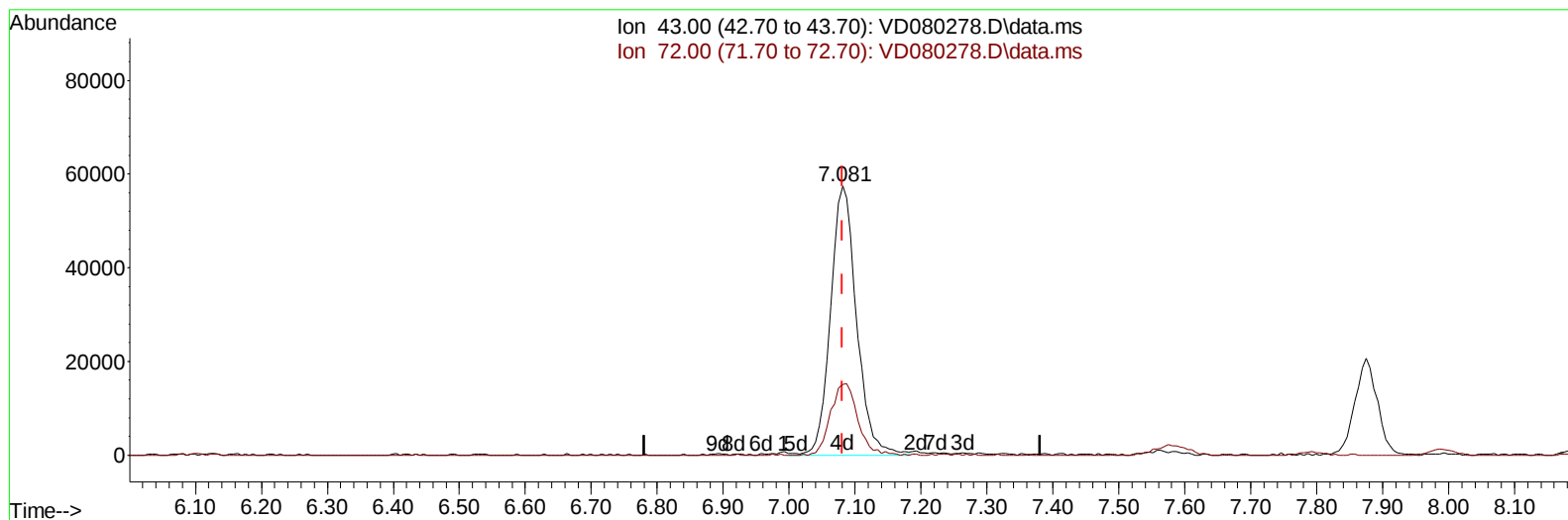
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TIC: VD080278.D\data.ms

(22) 2-Butanone (T)

7.081min (+ 0.000) 166.48 ug/L m

response 156907

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.90	0.05#
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	195961	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196827	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	114772	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	536966	83.22	ug/L	0.00
7) Chloroethane-d5	2.787	69	500523	87.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	128629	94.36	ug/L	0.00
21) 2-Butanone-d5	6.987	46	133299	191.65	ug/L	0.00
24) Chloroform-d	7.563	84	579075	95.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	316296	95.79	ug/L	0.00
32) Benzene-d6	8.199	84	1164826	101.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	343226	92.51	ug/L	0.00
41) Toluene-d8	10.269	98	1129981	108.84	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	160276	104.94	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	128606	239.54	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	336566	102.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	380379	94.61	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	305556	83.89	ug/L	98
3) Chloromethane	2.146	50	486202	82.61	ug/L	99
5) Vinyl chloride	2.275	62	658442	86.04	ug/L	95
6) Bromomethane	2.675	94	400321	100.52	ug/L	93
8) Chloroethane	2.822	64	432150	83.52	ug/L	99
9) Trichlorofluoromethane	3.164	101	481426	84.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	282102	83.68	ug/L	97
12) 1,1-Dichloroethene	3.928	96	273458	95.26	ug/L	89
13) Acetone	4.022	43	118746	163.04	ug/L	96
14) Carbon disulfide	4.258	76	948656	89.22	ug/L	99
15) Methyl Acetate	4.564	43	144943	89.09	ug/L	96
16) Methylene chloride	4.793	84	316412	82.43	ug/L	90
17) trans-1,2-Dichloroethene	5.305	96	298926	96.27	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	708517	108.67	ug/L	99
19) 1,1-Dichloroethane	6.105	63	510786	82.87	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	301207	89.99	ug/L	96
22) 2-Butanone	7.081	43	156907m	166.48	ug/L	
23) Bromochloromethane	7.422	128	143372	89.67	ug/L	96
25) Chloroform	7.593	83	555005	85.04	ug/L	98
27) 1,2-Dichloroethane	8.322	62	336559	82.59	ug/L	99
29) Cyclohexane	7.875	56	467547	100.89	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	439516	84.97	ug/L	99
31) Carbon tetrachloride	7.987	117	391186	86.16	ug/L	99
33) Benzene	8.246	78	1188802	92.95	ug/L	100
34) Trichloroethene	9.028	95	281819	82.54	ug/L	97
35) Methylcyclohexane	9.275	83	459435	94.97	ug/L	97
37) 1,2-Dichloropropane	9.304	63	301287	81.20	ug/L	100
38) Bromodichloromethane	9.581	83	424598	90.15	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	535500	99.58	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	430749	219.39	ug/L	97
42) Toluene	10.334	91	1388660	101.67	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.551	75	444032	98.88	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	237606	85.52	ug/L	98
46) Tetrachloroethene	10.810	164	234439	88.35	ug/L	97
48) 2-Hexanone	10.922	43	257567	184.68	ug/L	96
49) Dibromochloromethane	11.069	129	270327	86.07	ug/L	99
50) 1,2-Dibromoethane	11.175	107	224980	91.39	ug/L #	100
51) Chlorobenzene	11.604	112	796124	87.97	ug/L	96
52) Ethylbenzene	11.681	91	1411300	94.85	ug/L	98
53) m,p-Xylene	11.793	106	537731	97.68	ug/L	99
54) o-Xylene	12.122	106	536701	102.70	ug/L	94
55) Styrene	12.134	104	975781	103.01	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	327220	97.26	ug/L	97
59) Bromoform	12.298	173	171420	80.63	ug/L	99
60) Isopropylbenzene	12.416	105	1508236	97.61	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	214480	84.36	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	1218720	100.11	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1230398	99.46	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	686381	88.89	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	717800	86.34	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	621359	87.06	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	43885	72.93	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	442701	87.17	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	382275	90.35	ug/L	100
71) Naphthalene	15.328	128	767799	96.60	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	357101	93.49	ug/L	99

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

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